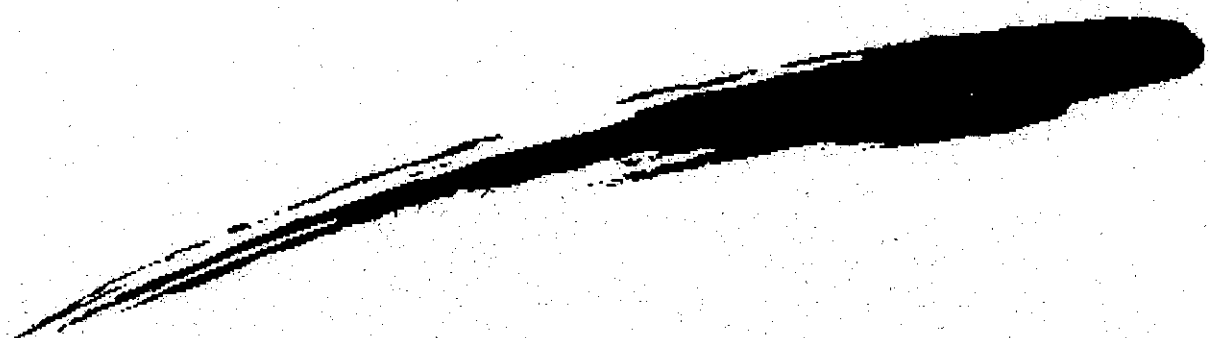


Washington State Vital Statistics 1996



Center for Health Statistics
December 1997

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Vital Statistics 1996

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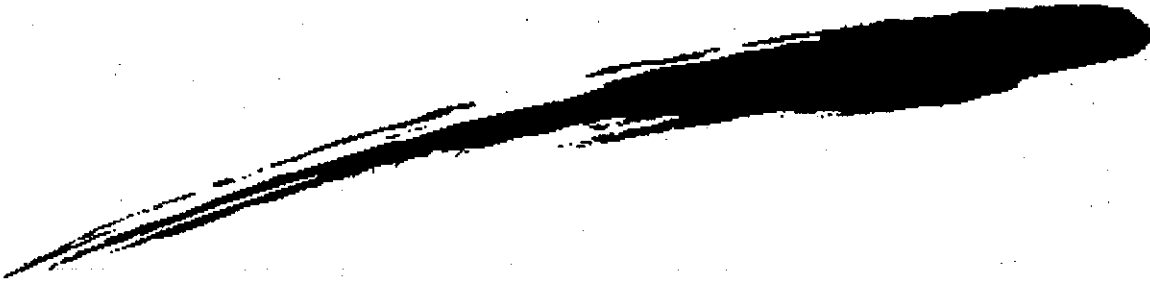
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Introduction



Washington Counties and County Seats



Introduction

Washington State Vital Statistics, 1996, published by the Center for Health Statistics of the Washington State Department of Health, contains tables on births, deaths, marriages and dissolutions of marriage (i.e., divorces, annulments) that occurred during calendar year 1996.

This report fulfills an important mission of the Department of Health--to help Washingtonians live healthier lives by enabling them to make informed choices about behaviors affecting their health and by insuring their access to high quality health care and preventive services. Timely and wide-ranging health information, such as that presented in *Washington State Vital Statistics*, is crucial to accomplishing this mission. This report is often the first resource used to identify problems related to prenatal care, maternal and infant health, family planning, and mortality due to various causes.

Source of Vital Statistics

Data used to prepare this report come from Certificates of Live Birth, Certificates of Fetal Death, Certificates of Death, Certificates of Marriage, and Certificates of Dissolution. The forms for these certificates are provided by the Washington State Department of Health. The following table describes who completes the forms and where they are filed:

Filing of Washington State Vital Statistics

Certificate	Completed by	Initially Filed with
Live Birth	Hospital or Birth Attendant	State Dept. of Health
Fetal Death	Hospital or Birth Attendant	Local Health Jurisdiction
Death	Funeral Director, Physician, Coroner or Medical Examiner	Local Health Jurisdiction
Marriage	Person Performing the Marriage	County Auditor
Dissolution	Clerk of Court, Petitioner's Attorney	County Clerk

RCW 70.58 which governs the registration and reporting of vital statistics requires births, fetal deaths, deaths, marriages, and dissolutions of marriage to be reported within a timely fashion. Birth and death certificates are designed to gather information in a manner consistent with federal reporting requirements of the National Center for Health Statistics.

A formal interstate exchange agreement governs the mutual exchange of information on births and deaths between states and other countries so that events occurring to Washington residents elsewhere are also reported to this state. Such an interstate exchange agreement does not exist, however, for marriages and divorces. Therefore, the Center for Health Statistics does not have the records for all of the state's residents since some may have gone elsewhere to be married or divorced.

Starting in 1992, hospitals or birth attendants use the Electronic Birth Certificate (EBC) system to send birth records directly to the Department of Health instead of to registrars of local health jurisdictions.

How To Use Vital Statistics

Why Read this Section?

Washington State Vital Statistics presents commonly used vital statistics data. These data not only have a variety of uses, but also a variety of users ranging from the beginner to the sophisticated analyst. This section is intended primarily to help those who do not entirely understand how to use vital statistics data or are not aware of data limitations, especially limitations due to small numbers. Reading this section may help beginning users avoid drawing incorrect conclusions from the data. For other users, this section may serve as a review.

Issues in Using the Data

Vital statistics pertain to basic events of life, typically birth, death, marriage, and divorce. They provide powerful indicators of health problems and, therefore, can help us to track progress toward health improvement goals. They can also provide information on what the health problem is, who has the problem, and when and where it occurs. Unfortunately, vital statistics cannot usually tell us why the problem occurs, which is what prevention programs really need to know. It is a common mistake to think that if two data items are associated or correlated (such as age of mother and low birth weight), then one causes the other. In reality, this could be a chance association (if you look at enough variables you find some relationship) or both items could be associated with a third, unmeasured factor (such as poverty or poor nutrition).

Mortality statistics are sometimes used as indicators of disease conditions within the population. They are very limited in this capacity, however, especially for illnesses that are not usually classified as the underlying cause of death. Hospital inpatient data from the Comprehensive Hospital Abstract Reporting System (CHARS) provide a somewhat better measure of morbidity, but even these data are limited to conditions that result in a hospital admission.

Users of vital statistics frequently ask questions about the issues discussed below.

Residence vs. occurrence

What's the difference between residence and occurrence? In trying to locate topics of interest in this report, users may notice that tables contain tabulations in two ways: 1) by residence (where the person lived); or 2) by occurrence (where the event occurred). For example, a woman who lived in Olympia (Thurston County) but had her baby in Seattle (King County) would be counted in Thurston County on a residence table and in King County on an occurrence table. The Center for Health Statistics actually registers only those vital events occurring in Washington State. However, thanks to an interstate exchange agreement, we receive data on Washington residents having babies or dying in other states. Thus we have complete records on births and deaths for residents of Washington State regardless of where the event took place.

Some users may be tempted to add residence and occurrence figures together to get a total for an area, but this would not be correct. There is a great deal of overlap between these two, as most residents of a county also have their babies or die in the same county. Other users try to subtract residence and occurrence data to figure out how many residents are born or die outside of their county, but this is also incorrect. The only way to determine where county residents are having babies or dying is to tabulate births or deaths by place of residence relative to place of occurrence. For example, in Table 8 of this report the mother's county of residence is cross-tabulated by the county in which the birth occurred.

When should residence or occurrence data be used? Users generally need data about the residents of an area. Residents would be the target audience for any local health assessment or health promotion programs. Population figures, commonly used to calculate rates, are also based on a person's residence. Hospital planners might want to know both (where births occurred to residents of their area) so they can assess possible markets.

For certain events, particularly external causes of death such as motor vehicle accidents or drowning, prevention programs might instead want to know where the event occurred so they can identify potentially hazardous situations or areas. Unfortunately, there is no population base to use for calculating occurrence rates, which might tell if the numbers are unusually high or low. For example, a rural road might have a high number of motor vehicle accidents relative to the number of people living there, but there may be many more people driving that road on their way to work, so there would be more people at risk of getting in accidents. The effect of a variable population always needs to be considered when looking at occurrence data. Occurrence rates published in this report use residence population figures, so they are less meaningful than residence rates.

The decision to use residence or occurrence data should be based on the type of data needed and the way they will be used, given the above discussion as a guideline.

Numbers vs. rates

When should numbers or rates be used? All tables in this summary give the number of events (e.g., the number of Washington residents dying of cancer). These numbers are used to determine the size of a problem in any area (e.g., how many people die of cancer) or to estimate population changes due to birth and death. But, using just numbers, we cannot readily compare two areas or two time periods. Such comparisons should take the size of the population into account to avoid erroneous conclusions.

To eliminate the effect of different sized populations, we compare rates. A rate is the number of vital events (such as deaths) in a specified time period divided by the number of people at risk of these events in that period (typically, a state or county population, or the number of births in the case of infant death). This figure is generally multiplied by a constant such as 1,000 or 100,000 to get a number that is easy to read and compare and is reported as 'per 1,000' or 'per 100,000.'

Rates calculated in this manner are called *crude rates*. They adjust for differences in population size but not differences in population characteristics. These population characteristics also need to be considered in interpreting comparisons. For example, since death rates increase with increasing age, a county with an older population may have higher death rates just because its population is older.

To compare rates and see if the county is high just because of its older population, we need to use *age-adjusted death rates*. These rates are computed by taking a county's death rates for each age group and applying them to a standard population (generally the 1940 U.S. population). This calculation then tells us what the county's death rate would be if it had the same age distribution as the U.S. population did in 1940. The major use of age-adjusted death rates is to allow comparisons between different areas and/or over various periods of time.

Users should be aware that an age-adjusted death rate has no absolute meaning; it is an artificial number based on a hypothetical population and is only useful for comparing with other rates calculated in the same manner. For more discussion of age-adjusted death rates, see the Center's report, *Washington State Age-Adjusted Death Rates and Years of Life Lost Rates* (April 1992). While age adjustment is the most common method for adjusting rates, a similar process can be used to adjust for other characteristics such as sex, education, or birth weight.

Analytical reports place great emphasis on which population has the highest rate, but it is important to remember that rates can mask substantial

differences in numbers which may be needed for policy decisions. For example, the infant mortality rate for many people of color groups is considerably higher than the white rate. However, due to the racial composition of the state's population, most infants dying are white. While there are obviously good reasons for reducing infant mortality among people of color, policy makers need to be aware that this reduction may have very little effect on the overall state infant mortality rate. In determining the burden of a health problem in a community, numbers are usually the most appropriate measure.

Standards for comparison of rates

What are good standards for comparison of rates? To help interpret a particular rate, one may choose to compare it to rates for another county or similar geographical area, national or state data, or an independent goal or standard (such as the Year 2000 goals). Such issues as comparability of the population characteristics and stability of rates from year to year for the standard population should be considered when choosing a base for comparison.

No matter what source for comparison is chosen, users should always find out how the rates were calculated, to see if the same methods and definitions were used. Otherwise, the rates are not truly comparable and may lead to incorrect conclusions. Some questions to ask might be: Are the rates crude or adjusted? Are they for the same time period? Is the definition of what constitutes an event the same? Are the same coding definitions used? Is the completeness of reporting events similar? Are the denominators taken from the same or similar data sources?

Unknowns

Most vital statistics data are not 100% complete. Sometimes the information is not (or cannot be) collected, and then the item is reported as unknown. How should unknowns be handled? When the number of unknowns for a particular characteristic is large, it can affect rates or percentage distributions based on that characteristic. For example, in 1994 father's education was missing for about 22% of the births.

How should unknowns be handled in calculating percentages? If we include unknowns in the total, the percent in any category is smaller than it would be if we subtract unknowns from the total. For example, in the case of 1994 births, the percent of fathers with less than a high school education is 10.1% if unknowns are included in the total, but the percentage is 12.9% if unknowns are excluded from the total.

In deciding which method offers a "truer" representation of the population as a whole one needs to consider whether the cases with an unknown characteristic are similar to or different from those cases in which the characteristic is known. If it appears likely that the cases with the

unknown characteristic are similar to those with the known values, then "unknowns" should be excluded from the total and percentages should be based on the "known" population. To the extent that this assumption seems unlikely, then other methods could be invoked to distribute the cases with unknown values.

Assumptions about the probable characteristics of the population with a given unknown attribute could be based on: 1) greater familiarity with local situations by persons in the county or city health community; or 2) on more in-depth analysis of the source of the unknowns in the reporting system. For example, if only a few hospitals or medical facilities fail to report a particular variable, one might examine information about the population served by those particular facilities or those living in the nearby community.

Small numbers

How should small numbers be handled? If the state collects all births and deaths in a year, then aren't the birth and death rates exactly as calculated? It's certainly true that vital statistics are not based on samples of the population, as many research data are. We do know the actual number of births, deaths, and population (assuming complete reporting of events), so we can calculate an exact birth or death rate for any one year. However, the data may still be affected by random fluctuations in the number of events between successive measurements (e.g., for different years).

The effect of such random fluctuations on birth or death rates is proportionately larger when the number of events is small. For example, one more infant death has a larger numerical impact on an area with 3 deaths than it does on an area with 300 deaths. Because of these random fluctuations, the rates based on small numbers may not be as reliable as those based on larger numbers in the sense that they may have limited predictive value. Specifically, knowing one year's rate in such instances may not allow one to reliably anticipate the rate for another year. This instability makes it difficult to use the rates for program planning or assessment purposes. In fact, considerable caution should be used in interpreting any data where the number of events is small.

There are no hard and fast rules as to when numbers are too small for rates to be stable predictors of what's happening. However, the Public Health Improvement Plan (PHIP) guidelines call for suppressing calculation of rates when the number of events is less than 5. To increase the stability of the rate, one can combine several years of data (as long as there is no strong temporal trend in rates) or one can group several counties in the same geographic area or with similar population characteristics.

Data quality

How does data quality affect the use of the data? Conclusions and health policy decisions are only as good as the data that go into making them. Vital statistics data quality has three major components: completeness, accuracy, and timeliness. Are vital statistics *complete*, i.e., do we have a record for each vital event? According to National Center for Health Statistics (NCHS) studies, registration of births and deaths is currently better than 99% complete. Registration completeness may be slightly lower for births or infant deaths occurring outside of a hospital or for vital events among people of color. Also, some records come in after the data files are prepared and thus are not included in the data presented in this report.

In addition to determining the completeness of a reporting system, researchers are often concerned with the degree to which people report what is actually happening. This characteristic of the data is called its *validity*. Studies of validity of reporting systems like the birth certificate system usually look for an independent source of the information and determine the consistency with data contained in the reporting system. A previous study of birth certificate data quality conducted by the Center for Health Statistics showed that validity of the item varied with the type of item. Legal information (e.g., names, addresses, ages) is very accurately reported. Unfortunately, medical information (e.g., menses date, prior pregnancy outcomes, complications, and malformations) is less accurate. Comparison to what was actually found in patients' medical history records revealed error rates of 5-20%.

To improve data quality, both birth and death certificates are edited for accuracy of the data. Where possible, data are checked to see if they are within a reasonable range of values (e.g., mother's age must be 8-59, with warning notices for ages less than 14 or greater than 49). Data are also checked to see if there is internal consistency between items (e.g., a person is not expected to have more than one year of college education if he/she is less than 16 years old). Those who complete death certificates are queried if there is not enough information to establish an accurate and specific cause of death.

A factor that affects the completeness of the data is the number of *unknowns* among responses. Sometimes providers do not complete all items on a certificate. The information may be overlooked or refused by the informant, or the informant may not have been asked for the data. Missing data decrease the overall accuracy of an item because we don't know where they fit (e.g., are smokers less likely to respond to a question on smoking?). Querying for missing data can help to provide more information. Also, the new Electronic Birth Certificate (EBC) system makes it more difficult to enter "unknown" into the record.

Finally, are vital statistics *timely*, i.e., are they registered early enough so that the data are available when needed to be most useful for planning and program assessment purposes? There is often a tradeoff between timeliness and accuracy. For example, if birth certificates are filed quickly, there may not be enough time for malformations or complications (such as fetal alcohol syndrome) to become evident. Similarly, if death certificates are filed quickly, there may not be time for autopsy results to be incorporated into the cause of death data. Despite the potential benefits of waiting for complete information, the main thrust--particularly for birth certificates--is to streamline the reporting process and to gather and report information as close to the event as possible. This has been accomplished by the Center for Health Statistics primarily by the development of the Electronic Birth Certificate System

Confidentiality

How do we ensure confidentiality of the data? All of the data in this report are presented in aggregate form so that individuals are not likely to be identified from the tables. However, it is important for potential data users to be aware of confidentiality issues related to the data. The medical and health information on birth and fetal death certificates is confidential and is to be used only in aggregate statistics which do not enable the identification of specific individuals. Hence, such confidential data may not be linked to any identifying information except for research projects approved by the Human Research Review Board of the Department of Social and Health Services and the Department of Health. The sample birth and fetal death certificates in Appendix F delineate the portion that is confidential. Some death data (particularly causes of death such as suicide and AIDS), while not confidential by law, are extremely sensitive.

It is the responsibility of all data users to treat these data in such a way as to respect and protect the privacy of individuals who have allowed information about their personal lives to be used for the good of the public. To ensure continued reporting of important demographic, medical, and health information, data must be handled in a way that ensures the privacy of individuals as required by law.

Additional Services

This annual report provides an overview of the types of data available through the Washington State Center for Health Statistics. Birth, death, and fetal death data are also available as raw data files on the Center's CD-ROM "*Vital Registration System Annual Statistical Files, Washington State.*" The CD-ROM contains data in ASCII format, detailed technical documentation, and annual summary tables for 1980-1996 in WORD, Wordperfect, and print text format. To order a copy of the CD-ROM, call (360) 664-2408.

The Center also works with data users on a variety of levels: 1) to help users formulate requests so they get the data they need; 2) to provide technical consultation about how to use or interpret data; 3) to perform special analyses to address a specific problem or need; and 4) to help users access raw data files. For more information, call the Center's research line at (360) 753-5936.

Table 1. Vital Statistics for Washington State Residents, 1910-1996

Year	Population ¹	Live Births		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
		Number	Rate ²	Number	Rate ²	Number	Rate ³	Number ⁴	Rate ⁵	Number	Rate ³
1910	1,142,000	19,916	17.4	11,502	10.1	1,862	93.5	194	97.4	705	35.4
1911	1,168,800	20,728	17.7	10,845	9.3	1,531	73.9	177	85.4	699	33.7
1912	1,190,600	20,683	17.4	10,187	8.6	1,365	66.0	179	86.5	724	35.0
1913	1,212,400	21,200	17.5	11,397	9.4	1,566	73.9	178	84.0	688	32.5
1914	1,234,000	23,008	18.6	11,448	9.3	1,540	66.9	152	66.1	783	34.0
1915	1,256,000	24,046	19.1	11,895	9.5	1,461	60.8	156	64.9	779	32.4
1916	1,277,800	23,831	18.7	11,805	9.2	1,531	64.2	175	73.4	705	29.6
1917	1,299,600	23,464	18.1	12,137	9.3	1,625	69.3	173	73.7	691	29.4
1918	1,321,400	25,682	19.4	16,837	12.7	1,769	68.9	253	98.5	730	28.4
1919	1,343,200	25,112	18.7	14,370	10.7	1,584	63.1	216	86.0	730	29.1
1920	1,356,600	27,072	20.0	15,164	11.2	1,797	66.4	249	92.0	888	32.8
1921	1,385,700	27,267	19.7	13,254	9.6	1,512	55.5	192	70.4	852	31.2
1922	1,407,100	25,378	18.0	14,249	10.1	1,566	61.7	190	74.9	731	28.8
1923	1,427,300	25,259	17.7	13,856	9.7	1,428	56.5	159	62.9	680	26.9
1924	1,447,200	25,378	17.5	14,580	10.1	1,426	56.2	167	65.8	711	28.0
1925	1,467,600	24,741	16.9	15,280	10.4	1,395	56.4	140	56.6	667	27.0
1926	1,487,600	23,989	16.1	15,670	10.5	1,352	56.4	174	72.5	719	30.0
1927	1,507,800	23,315	15.5	15,950	10.6	1,162	49.8	151	64.8	650	27.9
1928	1,528,200	23,161	15.2	16,723	10.9	1,115	48.1	175	75.6	641	27.7
1929	1,548,400	22,685	14.7	16,413	10.6	1,110	48.9	150	66.1	572	25.2
1930	1,563,400	23,019	14.7	16,678	10.7	1,122	48.7	148	64.3	601	26.1
1931	1,585,000	22,028	13.9	16,524	10.4	1,064	48.3	141	64.0	591	26.8
1932	1,602,500	21,379	13.3	16,581	10.3	967	45.2	139	65.0	530	24.8
1933	1,619,700	20,882	12.9	16,705	10.3	811	38.8	140	67.0	446	21.4
1934	1,636,900	22,484	13.7	17,456	10.7	968	43.1	105	46.7	520	23.1
1935	1,654,000	22,378	13.5	18,046	10.9	998	44.6	120	53.6	469	21.0
1936	1,671,400	23,354	14.0	19,057	11.4	1,064	45.6	115	49.2	468	20.0
1937	1,689,100	24,882	14.7	18,771	11.1	978	39.3	118	47.4	495	19.9
1938	1,706,000	26,702	15.7	18,514	10.9	1,035	38.8	94	35.2	440	16.5
1939	1,723,400	26,471	15.4	18,528	10.8	977	36.9	97	36.6	450	17.0
1940	1,736,200	27,952	16.1	19,837	11.4	969	34.7	89	31.8	459	16.4
1941	1,816,700	30,916	17.0	19,359	10.7	1,065	34.4	66	21.3	445	14.4
1942	1,880,700	38,744	20.6	20,190	10.7	1,278	33.0	78	20.1	606	15.6
1943	1,945,000	44,258	22.8	22,017	11.3	1,534	34.7	72	16.3	575	13.0
1944	2,009,600	44,246	22.0	21,144	10.5	1,493	33.7	72	16.3	607	13.7
1945	2,073,600	44,296	21.4	21,292	10.3	1,523	34.4	79	17.8	672	15.2
1946	2,137,600	51,941	24.3	21,620	10.1	1,723	33.2	65	12.5	869	16.7
1947	2,202,400	58,230	26.4	21,763	9.9	1,630	28.0	59	10.1	907	15.6
1948	2,266,400	55,460	24.5	21,925	9.7	1,525	27.5	36	6.5	776	14.0
1949	2,331,000	56,433	24.2	22,420	9.6	1,526	27.0	36	6.4	850	15.1
1950	2,379,000	55,755	23.4	22,450	9.4	1,526	27.4	28	5.0	799	14.3
1951	2,424,000	57,994	23.9	23,300	9.6	1,412	24.3	23	4.0	852	14.7
1952	2,448,000	61,436	25.1	22,874	9.3	1,522	24.8	15	2.4	857	13.9
1953	2,466,000	61,571	25.0	23,279	9.4	1,556	25.3	18	2.9	834	13.5
1954	2,516,000	62,703	24.9	23,238	9.2	1,514	24.1	29	4.6	829	13.2
1955	2,604,000	62,290	23.9	24,410	9.4	1,520	24.4	16	2.6	806	12.9

Table 1. Vital Statistics for Washington State Residents, 1910-1996

Year	Population ¹	Live Births		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
		Number	Rate ²	Number	Rate ²	Number	Rate ³	Number ⁴	Rate ⁵	Number	Rate ³
1956	2,668,000	64,999	24.4	24,207	9.1	1,524	23.4	13	2.0	777	12.0
1957	2,724,000	65,982	24.2	25,140	9.2	1,596	24.2	20	3.0	793	12.0
1958	2,773,000	65,574	23.6	25,429	9.2	1,707	26.0	11	1.7	764	11.7
1959	2,821,000	65,729	23.3	26,229	9.3	1,570	23.9	9	1.4	749	11.4
1960	2,853,200	65,251	22.9	26,505	9.3	1,528	23.4	17	2.6	738	11.3
1961	2,897,000	65,013	22.4	26,353	9.1	1,467	22.6	19	2.9	756	11.6
1962	2,948,000	64,812	22.0	27,343	9.3	1,476	22.8	6	0.9	704	10.9
1963	2,972,000	61,013	20.5	27,550	9.3	1,339	21.9	10	1.6	657	10.8
1964	3,008,000	57,148	19.0	28,106	9.3	1,277	22.3	7	1.2	637	11.1
1965	3,065,000	52,806	17.2	27,379	8.9	1,130	21.4	15	2.8	639	12.1
1966	3,125,000	51,777	16.6	29,035	9.3	1,084	20.9	13	2.5	554	10.7
1967	3,229,000	54,875	17.0	29,302	9.1	1,050	19.1	12	2.2	573	10.4
1968	3,336,000	57,206	17.1	30,360	9.1	1,120	19.6	8	1.4	620	10.8
1969	3,397,000	59,354	17.5	30,504	9.0	1,118	18.8	12	2.0	651	11.0
1970	3,413,300	60,499	17.7	29,901	8.8	1,135	18.8	9	1.5	640	10.6
1971	3,436,300	55,304	16.1	30,318	8.8	1,008	18.2	5	0.9	574	10.4
1972	3,430,300	48,250	14.1	29,747	8.7	805	16.7	6	1.2	428	8.9
1973	3,444,300	47,636	13.8	30,751	8.9	781	16.4	3	0.6	430	9.0
1974	3,508,700	50,096	14.3	29,773	8.5	763	15.2	4	0.8	450	9.0
1975	3,567,900	50,821	14.2	29,778	8.3	798	15.7	5	1.0	421	8.3
1976	3,634,900	53,004	14.6	30,275	8.3	765	14.4	3	0.6	439	8.3
1977	3,715,400	57,256	15.4	29,789	8.0	696	12.2	5	0.9	426	7.4
1978	3,836,200	58,725	15.3	30,469	7.9	737	12.6	4	0.7	465	7.9
1979	3,979,200	64,377	16.2	30,418	7.6	737	11.4	8	1.2	466	7.2
1980	4,132,400	67,989	16.5	32,049	7.8	802	11.8	10	1.5	533	7.8
1981	4,229,300	69,987	16.5	32,035	7.6	735	10.5	7	1.0	487	7.0
1982	4,276,500	69,681	16.3	32,316	7.6	755	10.8	8	1.1	499	7.2
1983	4,307,200	68,794	16.0	32,653	7.6	656	9.5	6	0.9	473	6.9
1984	4,354,100	69,059	15.9	33,809	7.8	702	10.2	7	1.0	444	6.4
1985	4,415,800	70,357	15.9	34,478	7.8	749	10.6	5	0.7	403	5.7
1986	4,462,200	69,572	15.6	34,176	7.7	676	9.7	2	0.3	445	6.4
1987	4,527,100	70,409	15.6	34,983	7.7	683	9.7	1	0.1	411	5.8
1988	4,616,900	72,660	15.7	36,341	7.9	656	9.0	1	0.1	381	5.2
1989	4,728,100	75,595	16.0	36,130	7.6	694	9.2	2	0.3	388	5.1
1990	4,866,700	79,468	16.3	37,047	7.6	622	7.8	4	0.5	462	5.8
1991	5,000,400	79,962	16.0	37,028	7.4	603	7.5	3	0.4	426	5.3
1992	5,116,700	79,897	15.6	38,095	7.4	540	6.8	3	0.4	448	5.6
1993	5,240,900	78,771	15.0	40,380	7.7	495	6.3	6	0.8	396	5.0
1994	5,334,400	77,368	14.5	39,906	7.5	478	6.2	3	0.4	443	5.7
1995	5,429,900	77,240	14.2	40,729	7.5	449	5.8	0	0.0	419	5.4
1996	5,516,800	77,874	14.1	42,248	7.7	467	6.0	3	0.1	462	5.9

¹Population figures for 1910-1950 ten year intervals and for 1950-1994 single years are revised estimates provided by the Office of Financial Management, Forecasting Division, "State of Washington 1996 Population Trends", October 1996.

²Rate per 1,000 population

³Rate per 1,000 live births

⁴1979-1988 maternal death figures are based on a study using both birth and death certificates; maternal deaths in other years are based only on the death certificate and may undercount deaths due to complications of pregnancy.

⁵Rate per 10,000 live births



Natality





Table 2. Births by Selected Topics, 1996

A. Residence, Mother's Race/Ethnicity by Sex¹

Race/Ethnicity	Total	Male	Female
State Total	77,874	40,010	37,862
White	65,385	33,663	31,720
African American	2,946	1,531	1,415
Native American	1,806	879	927
Japanese	301	134	167
Chinese	517	282	235
Filipino	940	477	463
Other Asian	3,373	1,710	1,663
Other	27	13	14
Unknown	2,579	1,321	1,258
Hispanic ²	8,907	4,654	4,253

BIRA49P5

B. Residence, Child's Race/Ethnicity by Sex¹

Race/Ethnicity	Total	Male	Female
State Total	77,874	40,010	37,862
White	62,926	32,381	30,543
African American	4,568	2,320	2,248
Native American	2,264	1,148	1,116
Japanese	347	156	191
Chinese	545	286	259
Filipino	991	520	471
Other Asian	3,999	2,050	1,949
Other	44	25	19
Unknown	2,190	1,124	1,066
Hispanic ²	11,373	5,895	5,478

BIRA49M1

C. Residence, Mother's Age Group by Sex¹

Age	Total	Male	Female
State Total	77,874	40,010	37,862
Under 15	142	76	66
15 - 17	3,033	1,547	1,486
18 - 19	5,561	2,900	2,661
20 - 24	18,500	9,387	9,113
25 - 29	22,188	11,452	10,735
30 - 34	18,157	9,371	8,785
35 - 39	8,474	4,354	4,120
40 - 44	1,703	857	846
45 and Over	85	45	40
Unknown	31	21	10

BIRA49M2

D. Residence, Order of Birth to Mother

Order at Birth	Number	Percent ³
State Total	77,874	100.0
1st Child	32,280	41.4
2nd Child	24,602	31.5
3rd Child	11,649	14.9
4th Child	4,564	5.8
5th Child	1,760	2.2
6th Child	769	0.9
7th Child	405	0.5
8th Child	186	0.2
9th Child	118	0.1
10th or more	133	0.1
Unknown	1,408	1.8

BIRA49M3

E. Residence, Attendant at Birth

Attendant at Birth	Number	Percent ³
State Total	77,874	100.0
MD	67,689	86.9
Certified Midwife	5,487	7.0
Osteopath	2,395	3.0
Licensed Midwife	799	1.0
Nurse	647	0.8
Other Midwife	183	0.2
Father	76	0.0
Hospital Administrator	22	0.0
Other	539	0.6
Unknown	37	0.0

BIRA49M4

F. Residence, Maternal Smoking

Maternal Smoking	Number	Percent ³
State Total	77,874	100.0
Yes	11,951	15.3
No	62,836	80.7
Unknown	3,087	4.0

BIRA76M2

¹Total includes 2 births for which sex is unknown.

²Persons of Hispanic Origin may be of any race. See Appendix A, "Hispanic Origin."

³Percents may not add to 100% due to rounding.

Table 2. Births by Selected Topics, 1996

G. Residence and Occurrence, Birth Weight in Grams by Sex

Gram Weight	Residence				Occurrence			
	Total	Male	Female	Unknown	Total	Male	Female	Unknown
State Total	77,874	40,010	37,862	2	76,308	39,215	37,091	2
Under 1,000	380	197	182	1	363	190	172	1
1,000 - 1,499	415	223	191	1	406	212	193	1
1,500 - 1,999	831	422	409	0	820	420	400	0
2,000 - 2,499	2,702	1,235	1,467	0	2,644	1,205	1,439	0
2,500 - 2,999	10,344	4,585	5,759	0	10,146	4,487	5,659	0
3,000 - 3,499	27,413	12,979	14,434	0	26,901	12,742	14,159	0
3,500 - 3,999	25,048	13,594	11,454	0	24,520	13,323	11,197	0
4,000 - 4,499	8,792	5,499	3,293	0	8,603	5,389	3,214	0
4,500 and over	1,788	1,187	601	0	1,742	1,157	585	0
Unknown	161	89	72	0	163	90	73	0

BIRA31MS

H. Residence and Occurrence, Live Births and Fetal Deaths by Month

Month	Live Births		Fetal Deaths	
	Residence	Occurrence	Residence	Occurrence
State Total	77,874	76,308	462	454
January	6,056	5,918	49	47
February	5,886	5,773	41	41
March	6,508	6,407	32	29
April	6,480	6,346	44	43
May	6,928	6,786	41	40
June	6,567	6,384	42	38
July	7,071	6,936	38	39
August	6,827	6,678	30	30
September	6,628	6,495	36	35
October	6,556	6,429	35	33
November	6,073	5,951	33	35
December	6,294	6,205	41	44

BIRA49P7

Table 2. Births by Selected Topics, 1996

I. Occurrence, Primary Method of Birth Delivery by Obstetric Procedures

Method of Delivery	Total ¹ Births	Electronic			Stimulation			Ultra- sound	Other	Unk
		Amnio- None	centesis	Fetal Monitoring	Induction of Labor	of Labor	Toco- lysis			
State Total	76,308	14,412	3,074	53,672	13,344	12,227	3,186	46,052	1,795	256
Vaginal Delivery	60,844	12,238	2,056	42,415	10,704	10,022	2,227	35,908	1,348	131
Vaginal Del. After Prev. C-Section	2,385	185	121	1,939	582	500	79	1,706	75	5
Primary C-Section	8,560	1,309	561	6,352	1,681	1,396	664	5,467	260	21
Repeat C-Section w/o Trial Labor	2,957	591	238	1,739	45	61	111	1,889	65	10
Repeat C-Section with Trial Labor	1,441	85	98	1,194	316	242	105	1,056	46	6
Outlet Forceps	6	1	0	5	3	0	0	5	0	0
Vacuum Extraction	26	1	0	25	13	5	0	17	1	0
Other	15	0	0	0	0	0	0	0	0	15
Unknown	74	2	0	3	0	1	0	4	0	68

BIRA49P8

¹Total births occurring in Washington, which will not equal the total number of obstetric procedures used since each birth may require more than one procedure.

J. Occurrence, Type of Place

Type of Place	Number	Percent ¹
State Total	76,308	100.0
General Hospital	71,487	93.7
Federal Facility	3,397	4.5
Home	1,011	1.3
Birth Center	289	0.4
Born on Arrival	43	0.1
Clinic/Doctor's Office	78	0.1
Unknown	3	0.0

¹Percents may not add to 100% due to rounding

BIRA49P7

Table 3. Live Births to Residents by Birth Weight in Grams by Mother's Race/Ethnicity, 1996

Birth Weight in Grams	Total	African		Native		Other					Unk	Hispanic ¹
		White	Amer.	Amer.	Japanese	Chinese	Filipino	Asian	Other			
State Total	77,874	65,385	2,946	1,806	301	517	940	3,373	27	2,579	8,907	
Under 1,000	380	285	41	9	1	1	5	16	0	22	39	
1,000 - 1,499	415	328	36	11	1	1	4	17	0	17	49	
1,500 - 1,999	831	675	50	26	0	4	12	32	0	32	84	
2,000 - 2,499	2,702	2,144	189	72	11	13	46	127	0	100	316	
2,500 - 2,999	10,344	8,129	604	240	60	80	210	657	4	360	1,286	
3,000 - 3,499	27,413	22,716	1,098	614	128	231	375	1,331	10	910	3,507	
3,500 - 3,999	25,048	21,683	676	565	74	139	214	883	7	807	2,634	
4,000 - 4,499	8,792	7,732	195	211	24	44	56	253	5	272	838	
4,500 and Over	1,788	1,593	40	53	1	3	13	41	1	43	132	
Unknown	161	100	17	5	1	1	5	16	0	16	22	

BIRA31P6

Table 4. Live Births to Residents by Birth Weight in Grams by Child's Race/Ethnicity, 1996

Birth Weight in Grams	Total	African		Native		Other					Unk	Hispanic ¹
		White	Amer.	Amer.	Japanese	Chinese	Filipino	Asian	Other			
State Total	77,874	62,926	4,568	2,264	347	545	991	3,999	44	2,190	11,373	
Under 1,000	380	279	47	11	1	1	3	19	0	19	51	
1,000 - 1,499	415	317	46	13	1	0	5	18	0	15	66	
1,500 - 1,999	831	657	66	25	1	5	14	35	0	28	107	
2,000 - 2,499	2,702	2,077	233	72	10	17	46	157	3	87	413	
2,500 - 2,999	10,344	7,800	838	306	66	89	212	738	4	291	1,630	
3,000 - 3,499	27,413	21,788	1,681	792	143	243	388	1,581	15	782	4,448	
3,500 - 3,999	25,048	20,894	1,191	704	97	137	235	1,094	14	682	3,373	
4,000 - 4,499	8,792	7,472	371	271	25	48	72	294	7	232	1,086	
4,500 and Over	1,788	1,546	73	64	2	4	11	47	1	40	173	
Unknown	161	96	22	6	1	1	5	16	0	14	26	

BIRA31P1

Table 5. Live Births to Residents by Birth Weight in Grams by Mother's Age, 1996

Birth Weight in Grams	Total	Age									Unk
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and Over	
State Total	77,874	142	3,033	5,561	18,500	22,188	18,157	8,474	1,703	85	31
Under 1,000	380	4	36	30	71	89	92	46	11	1	0
1,000 - 1,499	415	4	27	28	100	98	92	51	13	2	0
1,500 - 1,999	831	1	38	76	181	202	202	103	22	2	4
2,000 - 2,499	2,702	7	137	221	696	707	549	301	73	10	1
2,500 - 2,999	10,344	29	544	899	2,665	2,730	2,173	1,037	254	9	4
3,000 - 3,499	27,413	60	1,188	2,201	6,738	7,778	6,132	2,730	549	27	10
3,500 - 3,999	25,048	28	806	1,562	5,815	7,391	6,096	2,833	487	22	8
4,000 - 4,499	8,792	8	223	456	1,861	2,632	2,283	1,099	220	10	0
4,500 and Over	1,788	0	30	71	339	528	506	249	64	1	0
Unknown	161	1	4	17	34	33	32	25	10	1	4

BIRA31P3

¹Persons of Hispanic Origin may be of any race. See Appendix A, "Hispanic Origin."

Table 6. Live Births to Residents by Month Prenatal Care Began by Mother's Age, 1996

Month Care Began	All Ages	Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unk
State Total	77,874	142	3,033	5,561	18,500	22,188	18,157	8,474	1,703	85	31
First	16,515	8	311	712	3,181	5,270	4,590	2,035	386	19	3
Second	28,696	25	826	1,714	6,479	8,566	7,107	3,314	625	33	7
Third	14,656	31	651	1,244	3,902	3,870	3,147	1,482	308	16	5
Fourth	5,376	21	387	620	1,530	1,333	902	457	120	4	2
Fifth	2,686	21	237	355	851	609	370	198	42	3	0
Sixth	1,408	7	134	188	448	297	207	98	27	1	1
Seventh	935	6	98	107	292	215	120	77	19	1	0
Eighth	519	2	45	62	152	124	74	47	11	1	1
Ninth +	365	1	25	44	93	87	75	33	6	1	0
No Care	756	6	63	75	183	198	142	69	17	2	1
Unknown	5,962	14	256	440	1,389	1,619	1,423	664	142	4	11

BIRA68PT

Table 7. Live Births to Residents by Number of Prenatal Visits by Month Care Began, 1996

Number of Prenatal Visits	Total	1 - 3	4 - 6	7 - 9+	No Care	Unk
State Total	77,874	59,867	9,470	1,819	756	5,962
9 or More	55,595	49,776	4,999	264	0	556
5 - 8	9,966	5,700	3,372	700	0	194
1 - 4	2,038	639	640	646	0	113
No Visits	756	0	0	0	756	0
Unknown	9,519	3,752	459	209	0	5,099

BIRA68PT

Table 8. Live Births by Sex and Place of Residence and by Place of Occurrence, 1996

County and City	Residence				Occurrence	
	Number ¹	Rate ²	Male	Female	Number	Rate ²
State Total	77,874	14.1	40,010	37,862	76,308	13.8
Adams	293	19.0	161	132	343	22.3
Asotin	241	12.3	123	118	2	—*
Benton	2,003	15.3	1,030	973	2,806	21.4
Kennewick	843	17.6	461	382	1,099	22.9
Richland	489	13.6	237	252	1,291	35.9
Chelan	986	16.1	496	490	1,468	23.9
Wenatchee	495	20.0	246	249	1,344	54.4
Clallam	640	9.8	320	320	647	10.0
Port Angeles	217	11.5	109	108	635	33.8
Clark	4,726	15.6	2,400	2,326	2,994	9.9
Vancouver	1,554	23.0	792	762	2,963	43.9
Columbia	50	11.9	30	20	0	—*
Cowlitz	1,249	13.8	634	615	1,344	14.8
Longview	499	14.8	252	247	1,341	39.9
Douglas	458	15.1	254	204	2	—*
Ferry	81	11.3	38	43	10	1.4
Franklin	1,059	24.2	544	515	628	14.4
Pasco	742	33.2	392	350	627	28.0
Garfield	22	9.2	8	14	0	—*
Grant	1,292	19.5	668	624	995	15.0
Grays Harbor	891	13.1	469	422	573	8.4
Aberdeen	267	16.0	139	128	564	33.8
Island	983	14.0	498	485	773	11.0
Oak Harbor	452	23.1	225	227	521	26.7
Jefferson	199	7.7	107	92	130	5.1
King	21,573	13.2	11,173	10,400	24,923	15.3
Auburn	730	20.2	379	351	702	19.4
Bellevue	1,302	12.6	670	632	2,884	27.8
Burien	128	4.6	68	60	441	15.8
Des Moines	266	11.6	143	123	3	—*
Federal Way	1,078	14.3	525	553	1,685	22.4
Kent	1,385	22.9	726	659	19	0.3
Kirkland	779	18.0	416	363	2,799	64.9
Mercer Island	130	6.0	68	62	2	—*
Redmond	707	17.3	372	335	1,208	29.6
Renton	961	21.3	498	463	2,860	63.3
Sea Tac	95	4.1	50	45	3	—*
Seattle	7,022	13.1	3,590	3,432	11,908	22.3
Kitsap	3,269	14.5	1,681	1,588	2,729	12.1
Bainbridge Island	99	5.3	44	55	11	0.6
Bremerton	1,092	28.5	544	548	2,692	70.2
Kittitas	331	10.7	160	171	298	9.7

Table 8. Live Births by Sex and Place of Residence and by Place of Occurrence, 1996

County and City	Residence				Occurrence	
	Number ¹	Rate ²	Male	Female	Number	Rate ²
Klickitat	241	12.9	120	121	169	9.0
Lewis	881	13.2	427	454	671	10.1
Lincoln	98	10.0	57	41	18	1.8
Mason	536	11.5	277	259	238	5.1
Okanogan	540	14.4	274	266	531	14.2
Pacific	212	10.0	109	103	80	3.8
Pend Oreille	128	11.5	72	56	54	4.9
Pierce	9,620	14.5	4,945	4,674	10,125	15.2
Lakewood	20	0.3	10	10	2	—*
Puyallup	594	20.7	314	280	1,389	48.5
Tacoma	3,165	17.1	1,622	1,543	8,601	46.5
University Place	15	0.5	11	4	1	—*
San Juan	101	8.1	50	51	8	0.6
Skagit	1,293	13.5	653	640	1,457	15.3
Mount Vernon	485	22.2	247	238	1,237	56.7
Skamania	83	8.5	47	36	1	—*
Snohomish	7,921	14.7	4,070	3,850	5,595	10.4
Edmonds	436	12.3	236	198	1,450	40.9
Everett	1,897	23.2	979	918	3,294	40.3
Lynnwood	804	24.8	383	421	15	0.5
Marysville	485	26.6	236	249	2	—*
Mountlake Terrace	272	13.5	136	136	2	—*
Mukilteo	163	10.6	83	80	0	—*
Spokane	5,626	13.8	2,861	2,765	6,450	15.9
Spokane (City)	3,253	17.3	1,666	1,587	6,403	34.1
Stevens	464	12.7	242	222	333	9.1
Thurston	2,436	12.6	1,260	1,176	2,681	13.9
Lacey	328	12.5	177	151	1	—*
Olympia	744	19.6	381	363	2,666	70.2
Wahkiakum	39	10.3	17	22	1	—*
Walla Walla	781	14.6	412	369	945	17.7
Walla Walla (City)	427	14.8	228	199	941	32.5
Whatcom	1,910	12.5	987	923	1,869	12.2
Bellingham	760	12.7	405	355	1,853	31.0
Whitman	428	10.4	217	211	406	9.9
Pullman	240	9.7	123	117	337	13.7
Yakima	4,190	20.2	2,119	2,071	4,011	19.3
Yakima (City)	1,454	23.2	736	718	2,873	45.8

¹Number of births includes 1 Pierce county and 1 Snohomish county birth for which sex is unknown.

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²Rates per 1,000 population

*Rate not calculated because number of births was less than 5.

Table 9. Live Births by Mother's Age Group by Place of Residence, 1996

County and City	All Ages	Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Age Unk
State Total	77,874	142	3,033	5,561	18,500	22,188	18,157	8,474	1,703	85	31
Adams	293	0	20	33	82	70	58	25	5	0	0
Asotin	241	0	12	27	89	63	36	13	1	0	0
Benton	2,003	3	90	187	486	596	424	180	33	2	2
Kennewick	843	1	49	83	240	226	160	68	14	1	1
Richland	489	0	10	33	95	167	126	50	8	0	0
Chelan	986	1	54	87	282	271	185	87	19	0	0
Wenatchee	495	1	30	45	145	128	89	44	13	0	0
Clallam	640	2	33	65	193	139	119	69	17	2	1
Port Angeles	217	1	7	29	65	47	43	21	4	0	0
Clark	4,726	6	176	389	1,222	1,339	1,029	477	81	7	0
Vancouver	1,554	2	70	168	493	429	251	116	25	0	0
Columbia	50	0	2	1	16	9	15	6	1	0	0
Cowlitz	1,249	8	71	126	366	371	206	84	15	1	1
Longview	499	4	31	61	145	146	75	34	3	0	0
Douglas	458	2	23	40	138	114	89	42	10	0	0
Ferry	81	0	3	9	25	16	17	11	0	0	0
Franklin	1,059	8	84	127	329	265	167	65	12	1	1
Pasco	742	6	63	97	236	184	111	36	8	0	1
Garfield	22	0	0	3	8	4	5	1	0	1	0
Grant	1,292	7	86	125	408	360	196	90	15	5	0
Grays Harbor	891	4	57	104	258	238	147	65	18	0	0
Aberdeen	267	2	22	34	84	70	33	21	1	0	0
Island	983	2	25	64	270	293	223	83	18	3	2
Oak Harbor	452	1	14	36	156	128	85	25	6	0	1
Jefferson	199	0	5	18	47	58	33	30	8	0	0
King	21,573	15	539	938	3,569	5,967	6,450	3,356	696	29	14
Auburn	730	1	33	62	206	212	161	44	10	0	1
Bellevue	1,302	1	24	37	147	338	446	265	41	3	0
Burien	128	0	7	14	33	26	28	15	5	0	0
Des Moines	266	1	13	22	55	73	75	25	2	0	0
Federal Way	1,078	0	26	67	260	356	242	111	13	0	3
Kent	1,385	2	39	92	331	422	338	127	34	0	0
Kirkland	779	0	15	24	107	256	235	119	22	1	0
Mercer Island	130	0	0	1	6	27	45	40	10	1	0
Redmond	707	0	11	13	71	227	255	103	26	0	1
Renton	961	0	35	50	209	317	231	97	21	1	0
Sea Tac	95	0	5	10	19	28	18	15	0	0	0
Seattle	7,022	7	173	284	1,151	1,842	2,057	1,204	289	12	3
Kitsap	3,269	8	104	267	922	896	697	303	66	6	0
Bainbridge Island	99	0	0	0	7	15	29	36	11	1	0
Bremerton	1,092	4	55	136	394	285	154	50	14	0	0
Kittitas	331	0	11	17	98	101	70	26	8	0	0

Table 9. Live Births by Mother's Age Group by Place of Residence, 1996

County and City	All Ages	Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Age Unk
Klickitat	241	0	12	17	67	66	57	19	3	0	0
Lewis	881	4	45	98	296	203	154	68	12	1	0
Lincoln	98	0	4	5	21	28	30	8	2	0	0
Mason	536	5	31	60	158	136	84	51	8	2	1
Okanogan	540	3	37	65	174	133	83	39	6	0	0
Pacific	212	3	10	19	57	73	31	17	2	0	0
Pend Oreille	128	0	8	17	41	22	27	10	3	0	0
Pierce	9,620	16	417	769	2,587	2,827	1,968	873	153	8	2
Lakewood	20	0	0	1	3	5	9	2	0	0	0
Puyallup	594	1	22	59	144	196	114	52	6	0	0
Tacoma	3,165	9	193	310	877	852	596	272	49	5	2
University Place	15	0	1	1	5	2	4	1	1	0	0
San Juan	101	0	0	2	13	40	22	21	3	0	0
Skagit	1,293	5	73	96	360	359	252	122	26	0	0
Mount Vernon	485	1	26	31	161	134	76	45	11	0	0
Skamania	83	0	4	13	17	15	15	18	1	0	0
Snohomish	7,921	10	239	473	1,576	2,473	2,064	909	167	7	3
Edmonds	436	0	6	13	70	127	128	80	11	1	0
Everett	1,897	4	80	167	496	593	389	131	35	1	1
Lynnwood	804	1	21	62	194	263	182	63	17	1	0
Marysville	485	1	11	32	117	157	118	42	7	0	0
Mountlake Terrace	272	1	10	14	54	87	65	37	4	0	0
Mukilteo	163	0	2	5	22	58	51	22	3	0	0
Spokane	5,626	5	211	420	1,516	1,708	1,199	457	109	1	0
Spokane (City)	3,253	4	127	265	928	988	627	247	66	1	0
Stevens	464	1	30	48	131	129	83	34	8	0	0
Thurston	2,436	2	75	171	594	762	542	232	57	1	0
Lacey	328	0	7	24	97	83	79	27	11	0	0
Olympia	744	1	17	66	190	233	155	68	13	1	0
Wahkiakum	39	0	1	3	11	8	11	5	0	0	0
Walla Walla	781	0	55	57	234	205	155	62	11	1	1
Walla Walla (City)	427	0	29	37	138	112	68	38	3	1	1
Whatcom	1,910	3	68	120	420	602	460	187	48	1	1
Bellingham	760	2	22	51	174	228	185	74	23	1	0
Whitman	428	0	7	16	111	149	95	44	6	0	0
Pullman	240	0	4	8	68	83	53	22	2	0	0
Yakima	4,190	19	311	465	1,308	1,080	659	285	55	6	2
Yakima (City)	1,454	7	108	142	482	384	230	88	13	0	0

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Table 10. Live Births to Single Mothers by Mother's Age Group by Place of Residence, 1996

County and City	All Ages	Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Age Unk
State Total	21,101	138	2,659	3,768	7,182	4,036	2,115	980	201	13	9
Adams	84	0	17	17	25	9	7	8	1	0	0
Asotin	79	0	9	13	41	12	3	1	0	0	0
Benton	555	3	76	125	190	91	43	18	7	1	1
Kennewick	272	1	44	49	100	47	17	9	5	0	0
Richland	95	0	8	25	32	16	12	2	0	0	0
Chelan	277	1	45	54	89	50	22	12	4	0	0
Wenatchee	151	1	28	30	47	20	15	7	3	0	0
Clallam	215	2	29	52	72	29	18	12	1	0	0
Port Angeles	82	1	7	25	23	13	7	6	0	0	0
Clark	1,164	6	149	234	400	216	101	47	10	1	0
Vancouver	568	2	66	116	202	109	48	20	5	0	0
Columbia	15	0	2	1	6	2	2	2	0	0	0
Cowlitz	429	8	66	95	137	72	38	12	1	0	0
Longview	191	4	30	43	59	37	12	6	0	0	0
Douglas	108	2	18	22	29	21	11	5	0	0	0
Ferry	28	0	2	6	11	3	5	1	0	0	0
Franklin	416	8	65	78	143	73	36	11	2	0	0
Pasco	323	6	49	60	115	58	25	8	2	0	0
Garfield	7	0	0	3	2	0	2	0	0	0	0
Grant	393	7	76	69	134	62	27	14	2	2	0
Grays Harbor	352	4	50	77	120	59	26	14	2	0	0
Aberdeen	120	2	19	24	38	22	8	7	0	0	0
Island	160	2	19	30	54	24	25	5	1	0	0
Oak Harbor	76	1	8	16	27	9	10	4	1	0	0
Jefferson	50	0	4	9	15	17	4	1	0	0	0
King	4,961	15	500	707	1,600	1,092	634	340	67	2	4
Auburn	262	1	32	45	98	55	22	7	2	0	0
Bellevue	176	1	19	26	46	34	26	21	3	0	0
Burien	48	0	7	13	13	9	5	1	0	0	0
Des Moines	87	1	13	16	29	11	11	6	0	0	0
Federal Way	291	0	25	44	103	72	30	15	1	0	1
Kent	377	2	34	67	147	73	36	15	3	0	0
Kirkland	122	0	15	14	42	26	15	9	1	0	0
Mercer Island	4	0	0	1	1	1	1	0	0	0	0
Redmond	67	0	9	10	23	9	10	3	3	0	0
Renton	259	0	32	33	92	60	26	11	5	0	0
Sea Tac	37	0	4	7	13	8	2	3	0	0	0
Seattle	1,902	7	160	232	607	440	276	144	32	2	2
Kitsap	743	8	93	153	257	138	62	23	7	2	0
Bainbridge Island	9	0	0	0	3	3	1	1	1	0	0
Bremerton	350	4	48	73	125	70	16	11	3	0	0
Kittitas	79	0	11	10	32	15	8	1	2	0	0

Table 10. Live Births to Single Mothers by Mother's Age Group by Place of Residence, 1996

County and City	All Ages	Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Age Unk
Klickitat	65	0	8	11	24	15	5	2	0	0	0
Lewis	324	3	36	60	124	51	36	14	0	0	0
Lincoln	15	0	3	4	5	1	2	0	0	0	0
Mason	201	5	27	46	65	25	19	9	5	0	0
Okanogan	201	3	29	40	73	26	15	11	4	0	0
Pacific	60	2	9	7	23	11	5	3	0	0	0
Pend Oreille	53	0	7	11	21	5	5	4	0	0	0
Pierce	2,943	15	374	535	1,020	581	265	128	23	1	1
Lakewood	6	0	0	1	1	2	1	1	0	0	0
Puyallup	170	1	19	38	50	38	17	7	0	0	0
Tacoma	1,392	8	178	258	490	273	118	54	11	1	1
University Place	3	0	1	0	1	0	1	0	0	0	0
San Juan	19	0	0	1	4	8	3	3	0	0	0
Skagit	367	4	61	64	135	55	29	17	2	0	0
Mount Vernon	140	1	20	20	61	22	8	7	1	0	0
Skamania	20	0	2	9	5	1	2	1	0	0	0
Snohomish	1,812	10	221	334	581	359	198	84	23	1	1
Edmonds	76	0	6	12	22	18	13	3	2	0	0
Everett	601	4	72	117	208	114	55	25	4	1	1
Lynnwood	204	1	21	41	66	45	16	9	5	0	0
Marysville	116	1	11	23	33	26	12	9	1	0	0
Mountlake Terrace	62	1	9	14	18	11	6	2	1	0	0
Mukilteo	31	0	2	5	14	7	3	0	0	0	0
Spokane	1,652	5	185	311	601	340	166	38	6	0	0
Spokane (City)	1,090	4	112	194	413	224	112	27	4	0	0
Stevens	155	1	22	31	56	25	15	5	0	0	0
Thurston	648	2	63	126	231	119	63	35	9	0	0
Lacey	107	0	6	19	43	17	14	5	3	0	0
Olympia	244	1	13	50	93	51	23	11	2	0	0
Wahkiakum	8	0	0	2	4	1	1	0	0	0	0
Walla Walla	225	0	48	32	83	38	15	8	0	1	0
Walla Walla (City)	134	0	27	19	52	19	9	7	0	1	0
Whatcom	481	3	61	82	165	97	46	20	6	0	1
Bellingham	196	2	21	35	76	29	22	8	3	0	0
Whitman	51	0	6	11	23	6	3	1	1	0	0
Pullman	29	0	4	5	14	4	1	1	0	0	0
Yakima	1,686	19	266	296	582	287	148	70	15	2	1
Yakima (City)	617	7	91	93	223	117	62	21	3	0	0

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Table 11. Live Births by Mother's Race/Ethnicity by Place of Residence, 1996

County and City	Total	African		Native		Other			Unk	Hispanic Origin ¹	
		White	American	American	Japanese	Chinese	Filipino	Asian			
State Total	77,874	65,385	2,946	1,806	301	517	940	3,373	27	2,579	8,907
Adams	293	286	4	0	0	0	1	2	0	0	179
Asotin	241	236	0	2	0	0	0	1	2	0	5
Benton	2,003	1,909	22	11	1	14	7	36	0	3	332
Kennewick	843	805	14	5	0	0	2	17	0	0	156
Richland	489	451	7	1	0	11	4	15	0	0	22
Chelan	986	973	2	3	1	0	1	3	0	3	329
Wenatchee	495	492	1	0	0	0	0	2	0	0	135
Clallam	640	549	4	66	0	4	2	10	0	5	36
Port Angeles	217	197	3	11	0	3	0	2	0	1	7
Clark	4,726	4,375	80	45	15	16	30	161	0	4	235
Vancouver	1,554	1,405	33	18	2	4	17	74	0	1	142
Columbia	50	48	0	1	1	0	0	0	0	0	4
Cowlitz	1,249	1,192	7	23	2	1	7	16	0	1	72
Longview	499	470	5	10	0	1	2	11	0	0	34
Douglas	458	451	0	0	0	0	1	4	0	2	134
Ferry	81	63	1	16	0	0	0	0	0	1	2
Franklin	1,059	1,002	22	10	0	0	3	16	1	5	662
Pasco	742	695	21	6	0	0	2	12	1	5	508
Garfield	22	22	0	0	0	0	0	0	0	0	0
Grant	1,292	1,259	9	11	1	0	5	6	0	1	564
Grays Harbor	891	780	4	74	1	0	2	13	0	17	75
Aberdeen	267	228	4	24	0	0	1	6	0	4	32
Island	983	834	39	11	8	1	49	29	0	12	45
Oak Harbor	452	349	31	11	3	0	36	18	0	4	27
Jefferson	199	180	0	12	1	3	0	0	0	3	3
King	21,573	15,436	1,427	306	136	362	431	1,794	13	1,668	1,416
Auburn	730	624	11	23	2	0	8	20	0	42	42
Bellevue	1,302	943	26	4	26	55	18	129	1	100	117
Burien	128	110	6	0	0	0	1	4	0	7	15
Des Moines	266	188	24	7	1	2	11	13	0	20	24
Federal Way	1,078	815	70	24	1	6	19	95	0	48	83
Kent	1,385	999	86	12	3	7	19	103	0	156	77
Kirkland	779	609	11	6	7	15	11	61	0	59	61
Mercer Island	130	101	0	1	3	0	2	4	0	19	3
Redmond	707	531	7	2	9	28	5	63	0	62	37
Renton	961	662	73	10	2	14	12	75	2	111	69
Sea Tac	95	68	11	1	0	1	0	11	0	3	10
Seattle	7,022	4,313	796	128	44	164	229	815	5	528	448
Kitsap	3,269	2,743	139	99	20	6	120	112	2	28	180
Bainbridge Island	99	86	0	2	0	0	1	6	0	4	2
Bremerton	1,092	836	89	42	6	2	65	50	0	2	82
Kittitas	331	322	1	6	0	0	0	1	0	1	32

Table 11. Live Births by Mother's Race/Ethnicity by Place of Residence, 1996

County and City	Total	African		Native		Other			Unk	Hispanic Origin ¹	
		White	American	American	Japanese	Chinese	Filipino	Asian			
Klickitat	241	227	0	14	0	0	0	0	0	0	29
Lewis	881	846	2	13	0	0	1	5	0	14	62
Lincoln	98	93	0	4	0	0	1	0	0	0	0
Mason	536	472	2	34	0	3	4	1	0	20	44
Okanogan	540	444	1	80	1	0	1	4	0	9	163
Pacific	212	193	0	9	0	0	0	9	0	1	23
Pend Oreille	128	119	1	7	1	0	0	0	0	0	3
Pierce	9,620	7,586	876	207	50	28	118	512	1	242	666
Lakewood	20	17	1	0	1	0	1	0	0	0	1
Puyallup	594	542	4	9	4	0	6	19	0	10	25
Tacoma	3,165	2,207	407	105	17	15	37	256	1	120	268
University Place	15	14	1	0	0	0	0	0	0	0	0
San Juan	101	96	0	2	0	0	0	0	0	3	2
Skagit	1,293	1,230	5	28	2	1	7	16	1	3	295
Mount Vernon	485	466	2	5	0	0	3	7	0	2	187
Skamania	83	78	0	2	0	0	0	3	0	0	1
Snohomish	7,921	6,934	99	145	29	36	89	318	2	269	386
Edmonds	436	359	4	6	2	3	5	29	0	28	24
Everett	1,897	1,692	35	34	5	4	24	69	0	34	109
Lynnwood	804	634	18	14	1	10	17	73	0	37	46
Marysville	485	422	4	30	2	0	4	10	0	13	25
Mountlake Terrace	272	222	4	6	2	3	6	12	1	16	16
Mukilteo	163	139	3	0	4	1	3	10	0	3	9
Spokane	5,626	5,198	106	132	16	10	17	99	2	46	124
Spokane (City)	3,253	2,961	74	98	8	5	10	71	2	24	75
Stevens	464	424	1	32	0	1	0	2	0	4	7
Thurston	2,436	2,019	50	46	5	8	20	110	0	178	115
Lacey	328	246	10	9	3	2	5	20	0	33	14
Olympia	744	585	18	21	0	3	6	51	0	60	39
Wahkiakum	39	39	0	0	0	0	0	0	0	0	0
Walla Walla	781	756	1	9	0	1	3	7	0	4	222
Walla Walla (City)	427	416	1	3	0	1	0	4	0	2	120
Whatcom	1,910	1,714	6	88	6	6	8	53	3	26	166
Bellingham	760	664	1	41	5	2	7	34	1	5	46
Whitman	428	379	16	3	3	13	2	12	0	0	22
Pullman	240	194	15	2	3	13	2	11	0	0	15
Yakima	4,190	3,878	19	255	1	3	10	18	0	6	2,272
Yakima (City)	1,454	1,380	15	43	0	3	4	9	0	0	725

B1RA81M1

¹Persons of Hispanic Origin may be of any race. See Appendix A, "Hispanic Origin."

Table 12. Live Births by Child's Race/Ethnicity¹ by Place of Residence, 1996

County and City	Total	White	African American	Native American	Japanese	Chinese	Filipino	Other Asian	Other	Unk	Hispanic Origin ¹
State Total	77,874	62,926	4,568	2,264	347	545	991	3,999	44	2,190	11,373
Adams	293	289	1	0	0	0	1	2	0	0	187
Asotin	241	227	0	7	1	0	0	1	5	0	8
Benton	2,003	1,865	47	18	2	15	5	48	1	2	416
Kennewick	843	780	29	8	1	1	1	23	0	0	191
Richland	489	444	9	3	1	11	3	18	0	0	41
Chelan	986	968	5	2	1	0	1	6	0	3	377
Wenatchee	495	488	3	0	0	0	0	4	0	0	161
Ciallam	640	537	5	77	0	3	2	12	0	4	59
Port Angeles	217	191	3	17	0	2	0	3	0	1	14
Clark	4,726	4,223	147	82	17	23	40	193	0	1	335
Vancouver	1,554	1,355	57	30	2	5	18	87	0	0	185
Columbia	50	48	0	1	1	0	0	0	0	0	6
Cowlitz	1,249	1,161	19	37	3	1	8	19	0	1	110
Longview	499	452	12	17	1	1	4	12	0	0	54
Douglas	458	444	2	4	0	0	1	5	0	2	161
Ferry	81	60	2	17	0	0	0	1	0	1	4
Franklin	1,059	1,000	28	10	0	0	2	17	1	1	708
Pasco	742	695	27	4	0	0	2	12	1	1	544
Garfield	22	22	0	0	0	0	0	0	0	0	0
Grant	1,292	1,250	15	13	1	0	5	7	1	0	623
Grays Harbor	891	766	5	84	1	0	4	16	0	15	136
Aberdeen	267	227	4	24	0	0	2	7	0	3	57
Island	983	785	75	13	8	2	53	39	0	8	70
Oak Harbor	452	316	59	13	2	0	34	26	0	2	43
Jefferson	199	171	0	20	1	3	0	2	0	2	6
King	21,573	14,813	1,927	375	149	367	447	2,048	16	1,431	1,973
Auburn	730	598	31	27	3	0	6	28	0	37	77
Bellevue	1,302	927	46	5	26	53	17	158	2	68	153
Burien	128	103	9	1	0	0	1	8	0	6	20
Des Moines	266	176	33	7	1	2	8	22	0	17	38
Federal Way	1,078	747	110	32	2	7	19	119	0	42	113
Kent	1,385	938	128	21	3	7	24	115	0	149	118
Kirkland	779	596	22	9	7	13	11	76	0	45	88
Mercer Island	130	99	3	1	3	1	2	5	0	16	5
Redmond	707	522	16	4	8	25	7	75	1	49	58
Renton	961	614	107	18	2	14	13	88	1	104	92
Sea Tac	95	63	15	1	0	1	1	12	0	2	11
Seattle	7,022	4,112	973	134	49	160	233	904	6	451	617
Kitsap	3,269	2,580	255	125	18	5	113	144	3	26	306
Bainbridge Island	99	85	0	2	0	0	1	7	0	4	3
Bremerton	1,092	747	160	53	4	2	62	61	1	2	127
Kittitas	331	318	2	7	1	0	0	3	0	0	43

Table 12. Live Births by Child's Race/Ethnicity¹ by Place of Residence, 1996

County and City	Total	Race/Ethnicity									Hispanic Origin ¹
		White	African American	Native American	Japanese	Chinese	Filipino	Asian	Other	Unk	
Klickitat	241	224	1	13	1	0	0	1	1	0	39
Lewis	881	831	7	20	0	0	1	9	0	13	109
Lincoln	98	91	0	5	1	0	1	0	0	0	0
Mason	536	467	3	38	0	3	4	5	0	16	68
Okanogan	540	437	3	86	1	0	2	3	1	7	196
Pacific	212	190	1	11	0	0	0	9	0	1	40
Pend Oreille	128	114	1	8	1	0	1	3	0	0	5
Pierce	9,620	7,031	1,274	285	67	30	132	587	1	213	976
Lakewood	20	15	1	0	2	0	1	1	0	0	1
Puyallup	594	524	12	15	4	0	6	24	0	9	35
Tacoma	3,165	1,979	580	132	23	15	41	287	1	107	385
University Place	15	14	1	0	0	0	0	0	0	0	0
San Juan	101	94	0	3	0	0	0	1	0	3	2
Skagit	1,293	1,212	16	29	2	1	9	21	0	3	350
Mount Vernon	485	457	7	5	0	0	4	10	0	2	210
Skamania	83	77	0	2	0	0	0	4	0	0	2
Snohomish	7,921	6,680	241	196	38	42	98	399	5	222	605
Edmonds	436	355	9	8	2	3	7	32	0	20	37
Everett	1,897	1,604	90	50	7	4	29	82	2	29	168
Lynnwood	804	593	45	18	3	10	18	83	1	33	70
Marysville	485	412	9	34	3	0	5	12	1	9	42
Mountlake Terrace	272	207	12	7	2	3	9	19	0	13	25
Mukilteo	163	134	7	0	4	3	2	10	0	3	11
Spokane	5,626	4,974	258	186	15	12	20	130	3	28	225
Spokane (City)	3,253	2,799	184	136	7	7	11	93	2	14	141
Stevens	464	411	3	42	0	1	0	3	0	4	15
Thurston	2,436	1,922	108	83	5	9	18	135	1	155	196
Lacey	328	225	25	15	3	2	5	24	0	29	24
Olympia	744	548	40	31	1	3	6	59	1	55	65
Wahkiakum	39	39	0	0	0	0	0	0	0	0	0
Walla Walla	781	737	9	11	0	2	2	17	0	3	263
Walla Walla (City)	427	403	6	4	0	2	0	11	0	1	145
Whatcom	1,910	1,662	37	98	7	9	9	64	2	22	235
Bellingham	760	637	19	42	5	3	8	40	1	5	71
Whitman	428	370	21	5	4	14	1	13	0	0	31
Pullman	240	186	20	3	4	13	1	13	0	0	22
Yakima	4,190	3,836	50	251	1	3	11	32	3	3	2,488
Yakima (City)	1,454	1,348	33	45	1	3	6	18	0	0	818

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¹Persons of Hispanic Origin may be of any race. Child's race/ethnicity is determined from the race/ethnicity of the parents according to rules of the National Center for Health Statistics explained in Appendix A.

Table 13. Live Births by Month by Place of Residence, 1996

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
State Total	77,874	6,056	5,886	6,508	6,480	6,928	6,567	7,071	6,827	6,628	6,556	6,073	6,294
Adams	293	21	24	20	26	24	26	32	17	31	20	32	20
Asotin	241	15	17	21	15	18	26	24	30	20	15	23	17
Benton	2,003	170	168	158	168	182	172	175	169	184	176	139	142
Kennewick	843	60	58	62	74	81	70	67	67	73	95	60	76
Richland	489	50	47	40	35	48	47	53	38	36	37	27	31
Chelan	986	77	71	77	81	86	85	91	81	80	84	78	95
Wenatchee	495	35	32	28	38	49	40	48	45	44	44	41	51
Clallam	640	55	48	45	54	59	65	65	58	46	50	40	55
Port Angeles	217	22	10	13	20	17	18	25	22	12	17	18	23
Clark	4,726	366	334	372	440	453	421	381	425	384	391	385	374
Vancouver	1,554	122	114	123	161	147	118	120	151	109	137	125	127
Columbia	50	7	1	3	4	3	4	8	2	7	5	4	2
Cowlitz	1,249	119	88	102	104	119	94	112	120	87	108	96	100
Longview	499	41	29	43	52	37	39	49	45	36	42	41	45
Douglas	458	34	35	34	40	45	46	35	37	37	32	37	46
Ferry	81	7	7	4	9	4	9	8	9	6	6	7	5
Franklin	1,059	72	74	102	82	91	101	87	84	112	99	86	69
Pasco	742	46	52	67	60	58	76	52	66	77	66	70	52
Garfield	22	2	1	2	2	0	4	1	1	2	3	3	1
Grant	1,292	106	96	93	98	116	104	125	133	100	105	111	105
Grays Harbor	891	84	71	78	60	72	62	98	73	67	85	59	82
Aberdeen	267	31	17	26	22	26	6	26	24	19	27	17	26
Island	983	68	84	85	75	83	79	82	84	95	65	92	91
Oak Harbor	452	31	43	41	32	40	27	36	38	41	30	37	56
Jefferson	199	22	14	13	24	12	20	17	17	10	18	10	22
King	21,573	1,617	1,603	1,857	1,795	1,919	1,798	1,943	1,954	1,855	1,846	1,689	1,697
Auburn	730	55	48	66	55	68	65	50	60	61	70	58	74
Bellevue	1,302	106	92	90	97	112	86	114	128	122	130	122	103
Burien	128	2	9	11	14	12	15	12	16	7	9	8	13
Des Moines	266	23	17	16	18	19	22	26	25	25	25	27	23
Federal Way	1,078	78	56	74	101	103	82	98	98	107	95	92	94
Kent	1,385	108	104	110	107	114	111	138	124	107	133	110	119
Kirkland	779	50	58	64	63	74	64	65	74	55	86	71	55
Mercer Island	130	9	7	7	5	15	8	14	14	13	13	11	14
Redmond	707	47	50	66	58	57	58	63	63	74	60	54	57
Renton	961	70	79	78	79	75	68	114	98	84	77	67	72
Sea Tac	95	13	12	14	10	7	10	3	9	3	4	6	4
Seattle	7,022	485	474	631	565	609	625	637	619	639	610	559	569
Kitsap	3,269	272	247	270	254	257	265	313	278	271	306	251	285
Bainbridge Island	99	7	2	8	7	6	8	10	12	8	9	14	8
Bremerton	1,092	96	85	80	79	86	88	105	102	84	104	78	105
Kittitas	331	31	19	32	25	27	35	22	27	20	25	34	34

Table 13. Live Births by Month by Place of Residence, 1996

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Klickitat	241	25	17	19	18	32	21	22	22	15	22	16	12
Lewis	881	69	60	71	78	81	71	75	87	76	68	68	77
Lincoln	98	4	7	10	7	7	8	6	12	8	10	9	10
Mason	536	46	33	57	41	36	46	49	51	48	35	47	47
Okanogan	540	31	29	41	38	52	46	47	53	47	49	55	52
Pacific	212	8	17	22	17	25	19	24	24	12	20	13	11
Pend Oreille	128	14	11	17	12	8	4	16	14	3	10	12	7
Pierce	9,620	725	778	806	857	890	842	884	789	806	769	692	782
Lakewood	20	0	0	1	0	0	0	2	0	2	9	1	5
Puyallup	594	28	50	57	53	49	48	63	46	58	58	31	53
Tacoma	3,165	225	232	241	261	286	266	301	273	286	256	238	300
University Place	15	0	0	0	0	0	0	1	2	5	5	1	1
San Juan	101	12	9	5	10	6	9	12	14	7	9	4	4
Skagit	1,293	110	96	121	99	123	104	133	106	122	99	93	87
Mount Vernon	485	45	38	43	39	41	38	57	38	47	29	41	29
Skamania	83	6	7	9	7	7	10	6	5	7	6	6	7
Snohomish	7,921	609	601	656	635	671	664	714	676	680	684	640	691
Edmonds	436	42	27	34	37	32	43	41	35	28	42	39	36
Everett	1,897	150	160	168	132	157	146	169	156	162	157	177	163
Lynnwood	804	74	66	53	63	51	82	67	74	80	53	68	73
Marysville	485	45	34	36	36	36	45	46	44	40	42	39	42
Mountlake Terrace	272	21	19	29	18	24	24	19	26	21	26	22	23
Mukilteo	163	7	14	12	18	14	15	13	16	15	11	12	16
Spokane	5,626	427	435	488	451	516	432	503	499	502	491	421	461
Spokane (City)	3,253	260	259	303	265	317	238	278	268	280	274	247	264
Stevens	464	49	38	29	43	30	47	31	40	41	45	43	28
Thurston	2,436	184	177	183	206	226	205	229	220	217	199	189	201
Lacey	328	25	21	29	30	38	30	29	27	25	18	28	28
Olympia	744	48	56	60	60	56	66	78	74	66	65	54	61
Wahkiakum	39	3	3	1	2	6	3	3	3	8	0	3	4
Walla Walla	781	72	65	66	63	76	59	68	60	61	76	72	43
Walla Walla (City)	427	41	32	36	34	43	35	39	30	36	43	35	23
Whatcom	1,910	153	164	152	153	180	171	182	160	159	140	150	146
Bellingham	760	59	73	61	63	70	68	78	71	61	48	55	53
Whitman	428	31	36	51	31	31	31	39	32	42	29	38	37
Pullman	240	22	25	28	19	21	14	18	14	26	20	14	19
Yakima	4,190	333	301	336	356	355	359	409	361	353	356	326	345
Yakima (City)	1,454	120	108	126	122	117	128	156	113	113	118	126	107

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Table 14. Live Births by Birth Weight in Grams by Place of Residence, 1996

County and City	Total	Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500- Over	Unk
State Total	77,874	380	415	831	2,702	10,344	27,413	25,048	8,792	1,788	161
Adams	293	2	4	2	8	32	118	92	28	7	0
Asotin	241	2	1	3	8	34	81	79	24	9	0
Benton	2,003	9	15	25	83	271	698	635	221	42	4
Kennewick	843	2	3	8	37	119	317	261	80	13	3
Richland	489	4	0	6	17	67	161	161	58	15	0
Chelan	986	4	6	9	25	125	368	303	119	21	6
Wenatchee	495	1	3	3	13	67	198	145	55	8	2
Clallam	640	2	1	7	19	81	225	203	84	16	2
Port Angeles	217	0	1	0	4	27	78	70	31	5	1
Clark	4,726	16	24	42	153	563	1,594	1,602	586	144	2
Vancouver	1,554	1	2	5	51	194	567	522	167	44	1
Columbia	50	0	0	0	0	5	22	17	5	1	0
Cowlitz	1,249	6	7	9	41	162	419	418	153	34	0
Longview	499	1	1	5	18	62	163	172	63	14	0
Douglas	458	0	4	11	14	63	160	143	49	12	2
Ferry	81	1	1	0	5	7	36	21	8	2	0
Franklin	1,059	7	8	11	39	158	422	290	99	24	1
Pasco	742	5	6	10	26	119	288	203	69	16	0
Garfield	22	0	0	0	0	2	8	7	3	2	0
Grant	1,292	7	5	8	44	179	509	405	115	19	1
Grays Harbor	891	11	6	8	36	117	284	312	98	19	0
Aberdeen	267	1	2	2	12	39	93	88	27	3	0
Island	983	0	3	9	17	116	357	326	126	29	0
Oak Harbor	452	0	0	2	7	57	174	149	53	10	0
Jefferson	199	0	2	4	10	15	69	56	39	4	0
King	21,573	101	100	258	826	2,881	7,524	6,942	2,388	470	83
Auburn	730	3	3	8	34	80	259	252	81	10	0
Bellevue	1,302	6	7	8	51	183	458	401	150	35	3
Burien	128	0	0	2	1	25	35	40	18	7	0
Des Moines	266	1	0	0	12	40	97	79	35	2	0
Federal Way	1,078	4	7	13	42	145	368	372	107	18	2
Kent	1,385	4	8	21	54	196	473	446	143	36	4
Kirkland	779	4	2	6	40	102	265	255	90	15	0
Mercer Island	130	0	1	0	5	17	40	50	15	2	0
Redmond	707	1	3	9	20	79	263	235	79	17	1
Renton	961	3	4	14	37	123	334	290	122	32	2
Sea Tac	95	0	0	2	4	10	39	28	10	2	0
Seattle	7,022	33	38	99	261	1,000	2,515	2,187	714	129	46
Kitsap	3,269	21	19	36	122	421	1,072	1,068	420	85	5
Bainbridge Island	99	1	1	1	5	13	30	42	6	0	0
Bremerton	1,092	5	4	6	42	180	360	335	125	34	1
Kittitas	331	1	0	2	13	48	106	125	35	0	1

Table 14. Live Births by Birth Weight in Grams by Place of Residence, 1996

County and City	Total	Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500- Over	Unk
Klickitat	241	0	1	2	2	35	84	78	31	6	2
Lewis	881	4	7	11	30	106	324	295	84	19	1
Lincoln	98	0	0	3	2	14	36	36	6	1	0
Mason	536	3	2	3	20	81	186	163	59	19	0
Okanogan	540	3	3	7	19	78	211	147	57	13	2
Pacific	212	4	1	2	12	33	63	81	9	4	3
Pend Oreille	128	1	0	1	7	18	45	39	13	4	0
Pierce	9,620	60	62	119	340	1,316	3,351	3,073	1,074	208	17
Lakewood	20	0	0	1	2	2	7	5	2	1	0
Puyallup	594	4	2	6	30	76	202	193	66	13	2
Tacoma	3,165	27	32	41	122	483	1,075	993	328	61	3
University Place	15	0	0	0	0	4	2	5	4	0	0
San Juan	101	0	0	0	8	8	37	28	18	2	0
Skagit	1,293	9	5	11	48	172	432	447	140	29	0
Mount Vernon	485	3	2	4	18	67	162	169	49	11	0
Skamania	83	1	0	0	1	7	38	25	7	4	0
Snohomish	7,921	39	39	56	228	1,007	2,752	2,618	962	207	13
Edmonds	436	1	1	4	15	42	147	157	54	13	2
Everett	1,897	8	9	12	70	240	675	596	235	50	2
Lynnwood	804	2	5	4	17	122	313	237	82	21	1
Marysville	485	1	5	4	8	68	181	140	69	8	1
Mountlake Terrace	272	1	0	2	12	38	98	78	34	9	0
Mukilteo	163	3	1	2	1	24	47	57	24	2	2
Spokane	5,626	22	37	76	206	805	2,072	1,731	559	116	2
Spokane (City)	3,253	12	25	47	119	492	1,193	999	300	66	0
Stevens	464	0	1	5	8	73	163	158	46	10	0
Thurston	2,436	9	16	24	62	290	876	822	286	49	2
Lacey	328	2	2	3	8	48	118	106	32	9	0
Olympia	744	0	4	6	27	88	290	233	81	15	0
Wahkiakum	39	0	0	0	4	6	7	12	8	2	0
Walla Walla	781	5	2	3	28	97	257	259	104	23	3
Walla Walla (City)	427	1	1	2	18	53	137	144	58	11	2
Whatcom	1,910	8	11	15	59	214	631	643	282	46	1
Bellingham	760	3	5	8	26	92	259	242	106	19	0
Whitman	428	1	1	4	12	53	146	142	61	8	0
Pullman	240	0	1	3	3	35	83	75	36	4	0
Yakima	4,190	21	21	45	143	651	1,630	1,207	386	78	8
Yakima (City)	1,454	8	6	20	61	221	567	429	115	27	0

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Table 15. Live Births by Month Prenatal Care Began by Place of Residence, 1996

County and City	Total	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth+	No Care	Unk
State Total	77,874	16,515	28,696	14,656	5,376	2,686	1,408	935	519	365	756	5,962
Adams	293	20	125	73	37	17	4	6	4	4	2	1
Asotin	241	22	98	67	32	8	7	0	2	0	1	4
Benton	2,003	326	731	448	177	106	58	33	27	9	16	72
Kennewick	843	94	290	191	90	62	29	14	17	5	9	42
Richland	489	104	218	98	26	14	11	8	1	2	2	5
Chelan	986	76	402	289	118	34	22	5	10	3	16	11
Wenatchee	495	46	238	107	58	13	13	2	5	2	8	3
Clallam	640	45	293	166	53	35	11	10	1	1	3	22
Port Angeles	217	17	97	57	16	12	4	2	1	0	1	10
Clark	4,726	882	1,910	1,067	354	233	115	92	40	6	24	3
Vancouver	1,554	310	503	390	133	95	50	40	15	5	10	3
Columbia	50	4	25	7	5	1	3	4	0	0	1	0
Cowlitz	1,249	41	684	309	104	52	19	22	8	3	5	2
Longview	499	6	268	147	36	23	5	10	3	1	0	0
Douglas	458	30	225	115	37	21	6	5	4	1	9	5
Ferry	81	22	22	14	11	3	1	2	0	1	1	4
Franklin	1,059	146	266	187	104	54	53	27	23	12	15	172
Pasco	742	103	176	123	70	40	37	23	18	6	12	134
Garfield	22	0	13	6	2	0	0	1	0	0	0	0
Grant	1,292	92	430	317	198	102	56	36	14	12	19	16
Grays Harbor	891	239	309	130	79	31	16	8	6	1	12	60
Aberdeen	267	60	95	42	22	15	8	2	4	0	6	13
Island	983	108	371	317	78	19	17	10	4	3	4	52
Oak Harbor	452	23	164	174	36	10	8	5	3	1	2	26
Jefferson	199	10	125	35	10	7	2	4	0	1	1	4
King	21,573	5,120	7,638	2,979	1,002	477	243	192	89	139	300	3,394
Auburn	730	192	226	116	44	21	15	7	2	4	8	95
Bellevue	1,302	245	507	246	101	28	12	10	6	5	21	121
Burien	128	43	37	13	8	2	0	4	1	0	0	20
Des Moines	266	71	77	35	10	6	1	2	0	6	5	53
Federal Way	1,078	319	337	164	46	24	19	6	2	6	11	144
Kent	1,385	327	388	148	60	39	20	11	7	3	15	367
Kirkland	779	242	285	114	28	14	7	2	2	1	6	78
Mercer Island	130	36	58	13	3	0	0	0	0	0	2	18
Redmond	707	193	282	107	24	13	3	3	2	1	5	74
Renton	961	222	297	137	35	26	11	4	4	5	14	206
Sea Tac	95	22	28	12	6	2	1	1	0	3	3	17
Seattle	7,022	1,382	2,654	932	343	168	73	86	37	58	123	1,166
Kitsap	3,269	395	1,254	916	367	126	63	41	18	3	25	61
Bainbridge Island	99	21	40	20	6	1	1	1	0	0	0	9
Bremerton	1,092	82	361	373	159	51	28	18	7	1	6	6
Kittitas	331	144	123	34	12	4	2	2	2	0	1	7

Table 15. Live Births by Month Prenatal Care Began by Place of Residence, 1996

County and City	Total	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth+	No Care	Unk
Klickitat	241	27	85	70	24	15	1	3	5	1	7	3
Lewis	881	240	325	160	60	23	15	8	3	4	5	38
Lincoln	98	25	44	11	4	4	2	1	1	1	1	4
Mason	536	151	173	106	36	23	8	4	4	1	6	24
Okanogan	540	34	217	144	60	37	16	10	6	5	3	8
Pacific	212	33	85	43	23	8	9	2	2	1	1	5
Pend Oreille	128	28	31	26	19	11	2	2	0	1	2	6
Pierce	9,620	1,794	3,648	2,019	702	396	224	111	92	34	64	536
Lakewood	20	9	6	2	1	0	0	0	0	0	0	2
Puyallup	594	104	230	117	47	29	20	4	7	0	6	30
Tacoma	3,165	712	1,072	579	237	144	85	43	24	16	14	239
University Place	15	5	6	4	0	0	0	0	0	0	0	0
San Juan	101	17	40	24	7	2	1	2	1	0	2	5
Skagit	1,293	79	521	350	128	77	37	19	20	3	11	48
Mount Vernon	485	16	211	132	49	26	16	10	10	2	3	10
Skamania	83	10	31	25	8	5	1	3	0	0	0	0
Snohomish	7,921	2,149	3,064	1,363	417	203	84	59	33	21	69	459
Edmonds	436	172	134	73	12	5	1	3	1	1	5	29
Everett	1,897	437	772	346	130	61	32	17	12	5	14	71
Lynnwood	804	210	276	140	40	26	11	10	6	7	11	67
Marysville	485	132	212	75	23	12	4	5	0	0	7	15
Mountlake Terrace	272	81	93	45	13	6	2	3	1	0	3	25
Mukilteo	163	57	56	24	11	3	2	2	0	0	0	8
Spokane	5,626	2,038	1,982	662	243	124	95	56	22	40	30	334
Spokane (City)	3,253	1,198	1,114	377	155	72	54	35	12	25	19	192
Stevens	464	118	172	77	40	15	10	9	7	0	6	10
Thurston	2,436	710	815	355	111	72	30	20	6	17	26	274
Lacey	328	108	96	40	14	9	3	1	2	3	4	48
Olympia	744	255	229	88	21	20	10	5	2	5	11	98
Wahkiakum	39	0	25	8	2	3	1	0	0	0	0	0
Walla Walla	781	144	316	165	64	41	18	10	4	3	6	10
Walla Walla (City)	427	89	178	86	31	23	11	3	1	2	2	1
Whatcom	1,910	17	558	723	288	94	49	30	17	9	11	114
Bellingham	760	6	226	287	114	40	18	8	5	5	2	49
Whitman	428	75	225	87	23	6	3	3	2	0	1	3
Pullman	240	33	133	50	16	3	1	1	1	0	1	1
Yakima	4,190	1,104	1,295	762	337	197	104	83	42	25	50	191
Yakima (City)	1,454	466	506	217	83	42	25	15	7	9	13	71

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Table 16. Live Births with Malformations by Place of Residence, 1996

County and City	Total Births	Births with Malformations	Percent of Total Births ¹	Total Malformations ²
State Total	77,874	1,713	2.2	1,924
Adams	293	3	1.0	5
Asotin	241	5	2.1	5
Benton	2,003	95	4.7	112
Kennewick	843	29	3.4	36
Richland	489	31	6.3	37
Chelan	986	8	0.8	8
Wenatchee	495	3	0.6	3
Clallam	640	17	2.7	18
Port Angeles	217	2	0.9	2
Clark	4,726	58	1.2	66
Vancouver	1,554	9	0.6	13
Columbia	50	1	2.0	1
Cowlitz	1,249	22	1.8	30
Longview	499	9	1.8	9
Douglas	458	1	0.2	3
Ferry	81	0	0.0	0
Franklin	1,059	33	3.1	34
Pasco	742	24	3.2	24
Garfield	22	1	4.5	1
Grant	1,292	24	1.9	27
Grays Harbor	891	20	2.2	21
Aberdeen	267	6	2.2	6
Island	983	13	1.3	15
Oak Harbor	452	5	1.1	7
Jefferson	199	11	5.5	13
King	21,573	435	2.0	487
Auburn	730	24	3.3	24
Bellevue	1,302	48	3.7	54
Burien	128	2	1.6	2
Des Moines	266	4	1.5	4
Federal Way	1,078	36	3.3	42
Kent	1,385	14	1.0	15
Kirkland	779	19	2.4	22
Mercer Island	130	5	3.8	5
Redmond	707	28	4.0	34
Renton	961	22	2.3	22
Sea Tac	95	2	2.1	2
Seattle	7,022	80	1.1	88
Kitsap	3,269	191	5.8	206
Bainbridge Island	99	0	0.0	0
Bremerton	1,092	74	6.8	79
Kittitas	331	10	3.0	11

Table 16. Live Births with Malformations by Place of Residence, 1996

County and City	Total Births	Births with Malformations	Percent of Total Births ¹	Total Malformations ²
Klickitat	241	0	0.0	0
Lewis	881	15	1.7	16
Lincoln	98	0	0.0	0
Mason	536	20	3.7	23
Okanogan	540	13	2.4	15
Pacific	212	3	1.4	3
Pend Oreille	128	3	2.3	3
Pierce	9,620	231	2.4	266
Lakewood	20	3	15.0	4
Puyallup	594	18	3.0	19
Tacoma	3,165	42	1.3	49
University Place	15	0	0.0	0
San Juan	101	3	3.0	3
Skagit	1,293	20	1.5	25
Mount Vernon	485	10	2.1	12
Skamania	83	2	2.4	2
Snohomish	7,921	213	2.7	227
Edmonds	436	8	1.8	8
Everett	1,897	61	3.2	66
Lynnwood	804	25	3.1	25
Marysville	485	10	2.1	10
Mountlake Terrace	272	12	4.4	12
Mukilteo	163	5	3.1	5
Spokane	5,626	102	1.8	122
Spokane (City)	3,253	61	1.9	69
Stevens	464	5	1.1	6
Thurston	2,436	31	1.3	36
Lacey	328	1	0.3	1
Olympia	744	11	1.5	11
Wahkiakum	39	0	0.0	0
Walla Walla	781	33	4.2	38
Walla Walla (City)	427	14	3.3	17
Whatcom	1,910	28	1.5	31
Bellingham	760	16	2.1	18
Whitman	428	18	4.2	19
Pullman	240	11	4.6	11
Yakima	4,190	25	0.6	26
Yakima (City)	1,454	9	0.6	10

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¹Percents may not add to 100% due to rounding.

²Individual births may have more than one malformation.

Table 17. Live Births by Maternal Smoking During Pregnancy by Place of Residence, 1996

County and City	Total Births	Maternal Smoking		No Maternal Smoking		Unknown	
		Number	Percent	Number	Percent	Number	Percent
State Total	77,874	11,951	15.3	62,836	80.7	3,087	4.0
Adams	293	15	5.1	278	94.9	0	0.0
Asotin	241	68	28.2	172	71.4	1	0.4
Benton	2,003	304	15.2	1,688	84.3	11	0.5
Kennewick	843	148	17.6	690	81.9	5	0.6
Richland	489	62	12.7	425	86.9	2	0.4
Chelan	986	48	4.9	937	95.0	1	0.1
Wenatchee	495	27	5.5	468	94.5	0	0.0
Clallam	640	203	31.7	422	65.9	15	2.3
Port Angeles	217	70	32.3	143	65.9	4	1.8
Clark	4,726	981	20.8	3,741	79.2	4	0.1
Vancouver	1,554	416	26.8	1,137	73.2	1	0.1
Columbia	50	12	24.0	38	76.0	0	0.0
Cowlitz	1,249	372	29.8	877	70.2	0	0.0
Longview	499	157	31.5	342	68.5	0	0.0
Douglas	458	33	7.2	425	92.8	0	0.0
Ferry	81	29	35.8	52	64.2	0	0.0
Franklin	1,059	73	6.9	967	91.3	19	1.8
Pasco	742	56	7.5	670	90.3	16	2.2
Garfield	22	7	31.8	15	68.2	0	0.0
Grant	1,292	155	12.0	1,127	87.2	10	0.8
Grays Harbor	891	230	25.8	654	73.4	7	0.8
Aberdeen	267	74	27.7	190	71.2	3	1.1
Island	983	172	17.5	799	81.3	12	1.2
Oak Harbor	452	84	18.6	366	81.0	2	0.4
Jefferson	199	37	18.6	160	80.4	2	1.0
King	21,573	2,200	10.2	18,162	84.2	1,211	5.6
Auburn	730	181	24.8	539	73.8	10	1.4
Bellevue	1,302	83	6.4	1,174	90.2	45	3.5
Burien	128	22	17.2	99	77.3	7	5.5
Des Moines	266	36	13.5	225	84.6	5	1.9
Federal Way	1,078	146	13.5	913	84.7	19	1.8
Kent	1,385	169	12.2	1,185	85.6	31	2.2
Kirkland	779	72	9.2	658	84.5	49	6.3
Mercer Island	130	3	2.3	122	93.8	5	3.8
Redmond	707	45	6.4	636	90.0	26	3.7
Renton	961	102	10.6	831	86.5	28	2.9
Sea Tac	95	18	18.9	75	78.9	2	2.1
Seattle	7,022	627	8.9	5,842	83.2	553	7.9
Kitsap	3,269	628	19.2	2,610	79.8	31	0.9
Bainbridge Island	99	4	4.0	92	92.9	3	3.0
Bremerton	1,092	276	25.3	814	74.5	2	0.2
Kittitas	331	51	15.4	277	83.7	3	0.9

Table 17. Live Births by Maternal Smoking During Pregnancy by Place of Residence, 1996

County and City	Total Births	Maternal Smoking		No Maternal Smoking		Unknown	
		Number	Percent	Number	Percent	Number	Percent
Klickitat	241	44	18.3	195	80.9	2	0.8
Lewis	881	212	24.1	656	74.5	13	1.5
Lincoln	98	16	16.3	82	83.7	0	0.0
Mason	536	133	24.8	388	72.4	15	2.8
Okanogan	540	102	18.9	426	78.9	12	2.2
Pacific	212	59	27.8	151	71.2	2	0.9
Pend Oreille	128	39	30.5	88	68.8	1	0.8
Pierce	9,620	1,663	17.3	7,662	79.6	295	3.1
Lakewood	20	6	30.0	14	70.0	0	0.0
Puyallup	594	102	17.2	474	79.8	18	3.0
Tacoma	3,165	662	20.9	2,331	73.6	172	5.4
University Place	15	1	6.7	14	93.3	0	0.0
San Juan	101	6	5.9	88	87.1	7	6.9
Skagit	1,293	205	15.9	1,037	80.2	51	3.9
Mount Vernon	485	64	13.2	406	83.7	15	3.1
Skamania	83	17	20.5	66	79.5	0	0.0
Snohomish	7,921	1,266	16.0	6,370	80.4	285	3.6
Edmonds	436	52	11.9	358	82.1	26	6.0
Everett	1,897	393	20.7	1,461	77.0	43	2.3
Lynnwood	804	132	16.4	628	78.1	44	5.5
Marysville	485	85	17.5	395	81.4	5	1.0
Mountlake Terrace	272	40	14.7	210	77.2	22	8.1
Mukilteo	163	16	9.8	142	87.1	5	3.1
Spokane	5,626	1,261	22.4	4,314	76.7	51	0.9
Spokane (City)	3,253	811	24.9	2,414	74.2	28	0.9
Stevens	464	112	24.1	349	75.2	3	0.6
Thurston	2,436	389	16.0	2,018	82.8	29	1.2
Lacey	328	64	19.5	260	79.3	4	1.2
Olympia	744	130	17.5	611	82.1	3	0.4
Wahkiakum	39	10	25.6	29	74.4	0	0.0
Walla Walla	781	143	18.3	632	80.9	6	0.8
Walla Walla (City)	427	89	20.8	336	78.7	2	0.5
Whatcom	1,910	116	6.1	853	44.7	941	49.3
Bellingham	760	51	6.7	339	44.6	370	48.7
Whitman	428	36	8.4	391	91.4	1	0.2
Pullman	240	5	2.1	235	97.9	0	0.0
Yakima	4,190	504	12.0	3,640	86.9	46	1.1
Yakima (City)	1,454	208	14.3	1,239	85.2	7	0.5

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Table 18. Live Births by Institutions by Place of Occurrence, 1996

County and City	Total	Hospital	Birth Center	Federal Facility	Home	Born On Arrival	Other and Not Stated
State Total	76,308	71,487	289	3,397	1,011	43	81
Adams	343	341	0	0	2	0	0
Asotin	2	0	0	0	2	0	0
Benton	2,806	2,786	0	0	17	3	0
Kennewick	1,099	1,093	0	0	5	1	0
Richland	1,291	1,280	0	0	10	1	0
Chelan	1,468	1,441	16	0	10	1	0
Wenatchee	1,344	1,321	15	0	7	1	0
Clallam	647	629	0	0	17	0	1
Port Angeles	635	624	0	0	11	0	0
Clark	2,994	2,928	0	0	62	2	2
Vancouver	2,963	2,928	0	0	32	2	1
Columbia	0	0	0	0	0	0	0
Cowlitz	1,344	1,338	0	0	6	0	0
Longview	1,341	1,338	0	0	3	0	0
Douglas	2	0	0	0	2	0	0
Ferry	10	10	0	0	0	0	0
Franklin	628	622	0	0	6	0	0
Pasco	627	622	0	0	5	0	0
Garfield	0	0	0	0	0	0	0
Grant	995	991	0	0	4	0	0
Grays Harbor	573	564	0	0	9	0	0
Aberdeen	564	564	0	0	0	0	0
Island	773	229	12	514	18	0	0
Oak Harbor	521	0	0	514	7	0	0
Jefferson	130	114	0	0	16	0	0
King	24,923	24,493	116	0	293	14	7
Auburn	702	686	0	0	15	1	0
Bellevue	2,884	2,873	0	0	10	0	1
Burien	441	437	0	0	4	0	0
Des Moines	3	0	0	0	3	0	0
Federal Way	1,685	1,668	0	0	17	0	0
Kent	19	0	0	0	19	0	0
Kirkland	2,799	2,749	37	0	11	2	0
Mercer Island	2	0	0	0	2	0	0
Redmond	1,208	1,199	0	0	9	0	0
Renton	2,860	2,841	0	0	16	3	0
Sea Tac	3	0	0	0	3	0	0
Seattle	11,908	11,702	76	0	119	8	3
Kitsap	2,729	1,842	0	832	50	5	0
Bainbridge Island	11	0	0	0	10	1	0
Bremerton	2,692	1,842	0	832	14	4	0
Kittitas	298	289	0	0	8	0	1

Table 18. Live Births by Institutions by Place of Occurrence, 1996

County and City	Total	Hospital	Birth Center	Federal Facility	Home	Born On Arrival	Other and Not Stated
Klickitat	169	169	0	0	0	0	0
Lewis	671	605	4	0	28	2	32
Lincoln	18	18	0	0	0	0	0
Mason	238	233	0	0	5	0	0
Okanogan	531	525	0	0	5	1	0
Pacific	80	76	0	0	3	0	1
Pend Oreille	54	50	0	0	4	0	0
Pierce	10,125	7,868	66	2,051	123	6	11
Lakewood	2	0	0	0	2	0	0
Puyallup	1,389	1,375	0	0	13	1	0
Tacoma	8,601	6,493	0	2,050	53	5	0
University Place	1	0	0	0	1	0	0
San Juan	8	0	0	0	5	0	3
Skagit	1,457	1,436	1	0	18	2	0
Mount Vernon	1,237	1,232	0	0	4	1	0
Skamania	1	0	0	0	1	0	0
Snohomish	5,595	5,414	74	0	87	1	19
Edmonds	1,450	1,432	8	0	10	0	0
Everett	3,294	3,254	0	0	21	1	18
Lynnwood	15	0	3	0	12	0	0
Marysville	2	0	0	0	2	0	0
Mountlake Terrace	2	0	0	0	2	0	0
Mukilteo	0	0	0	0	0	0	0
Spokane	6,450	6,389	0	0	57	1	3
Spokane (City)	6,403	6,366	0	0	33	1	3
Stevens	333	320	0	0	13	0	0
Thurston	2,681	2,625	0	0	55	1	0
Lacey	1	0	0	0	1	0	0
Olympia	2,666	2,625	0	0	40	1	0
Wahkiakum	1	0	0	0	1	0	0
Walla Walla	945	929	0	0	16	0	0
Walla Walla (City)	941	929	0	0	12	0	0
Whatcom	1,869	1,815	0	0	52	1	1
Bellingham	1,853	1,815	0	0	37	1	0
Whitman	406	402	0	0	4	0	0
Pullman	337	335	0	0	2	0	0
Yakima	4,011	3,996	0	0	12	3	0
Yakima (City)	2,873	2,869	0	0	3	1	0

BIRA40M9

Table 19. Live Births, County of Residence by County of Occurrence, 1996

County of Residence ²	County of Occurrence ¹														
	King	Pierce	Spokane	Snohomish	Yakima	Clark	Benton	Kitsap	Thurston	Whatcom	Chelan	Skagit	Cowlitz	Grant	Walla Walla
King	20,743	584	2	179	3	1	1	8	8	0	0	0	3	1	0
Pierce	970	8,545	1	2	1	0	0	28	41	0	0	0	1	1	0
Snohomish	2,529	14	0	5,280	1	0	1	3	0	4	1	78	0	1	0
Spokane	2	4	5,583	0	1	0	0	0	0	0	0	0	0	1	0
Clark	4	1	0	1	1	2,863	0	0	0	0	0	0	18	0	0
Yakima	11	3	1	2	3,862	1	296	0	0	1	0	0	0	0	0
Kitsap	281	405	0	9	0	0	1	2,555	1	0	1	0	0	0	0
Thurston	25	393	0	0	0	0	0	0	1,953	0	1	0	0	0	0
Benton	7	0	14	0	43	0	1,815	0	1	0	0	0	0	0	2
Whatcom	39	2	0	2	0	0	0	1	1	1,830	0	31	0	0	0
Skagit	41	1	0	24	0	0	0	1	0	21	0	1,164	0	0	0
Grant	8	1	51	0	44	0	18	0	0	0	117	0	0	896	0
Cowlitz	3	2	0	1	0	60	0	0	3	0	0	1,095	0	0	0
Franklin	0	0	6	0	3	0	529	0	0	0	0	0	0	5	0
Chelan	19	1	7	0	0	0	0	0	0	0	951	0	0	0	0
Island	47	17	0	80	0	0	0	2	0	3	0	102	0	0	0
Grays Harbor	24	22	0	0	0	0	0	0	281	1	0	0	0	0	0
Lewis	8	37	0	0	4	1	0	0	200	0	0	0	41	0	0
Walla Walla	2	1	5	0	2	0	78	0	0	0	0	0	0	0	668
Clallam	16	2	0	0	0	0	0	1	0	0	0	0	0	0	0
Okanogan	5	2	61	0	0	1	0	0	1	0	7	0	0	13	0
Mason	9	32	0	0	0	0	0	96	174	0	0	0	0	0	0
Stevens	0	0	184	0	0	0	0	1	0	0	0	0	0	0	0
Douglas	8	0	5	0	0	0	0	0	0	0	382	0	0	2	0
Whitman	0	0	43	1	0	0	1	0	0	0	1	0	0	0	0
Kittitas	17	2	1	1	24	0	0	0	1	0	2	0	0	1	0
Adams	0	1	36	0	3	0	13	0	0	0	0	0	0	65	0
Asotin	0	0	8	0	0	0	1	0	0	0	0	0	0	0	0
Klickitat	0	0	0	0	8	1	1	0	0	0	0	0	0	0	1
Pacific	3	5	0	0	1	0	0	0	11	1	0	0	2	0	0
Jefferson	18	2	0	0	0	0	0	24	0	0	0	0	0	0	0
Pend Oreille	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	7	0	0	2	0	0	0	0	0	3	0	81	0	0	0
Lincoln	0	0	74	0	0	0	0	0	0	0	0	0	0	7	0
Skamania	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0
Ferry	0	0	17	0	0	0	0	0	0	0	0	0	0	1	0
Columbia	0	0	0	0	0	0	2	0	0	0	0	0	0	0	48
Wahkiakum	0	0	0	0	0	1	0	0	0	0	0	31	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out of State Occurrence	77	46	274	11	10	45	49	9	5	5	5	1	153	1	226
Total	24,923	10,125	6,450	5,595	4,011	2,994	2,806	2,729	2,681	1,869	1,468	1,457	1,344	995	945
Cumulative Percent ³	32.7	45.9	54.4	61.7	67.0	70.9	74.6	78.1	81.7	84.1	86.0	87.9	89.7	91.0	92.2

¹Counties in columns are ranked based on total births by place of occurrence. The following counties are not shown since the number of births occurring there was less than five: Asotin (2), Douglas (2), Columbia (0), Garfield (0), Skamania (1), Wahkiakum (1).

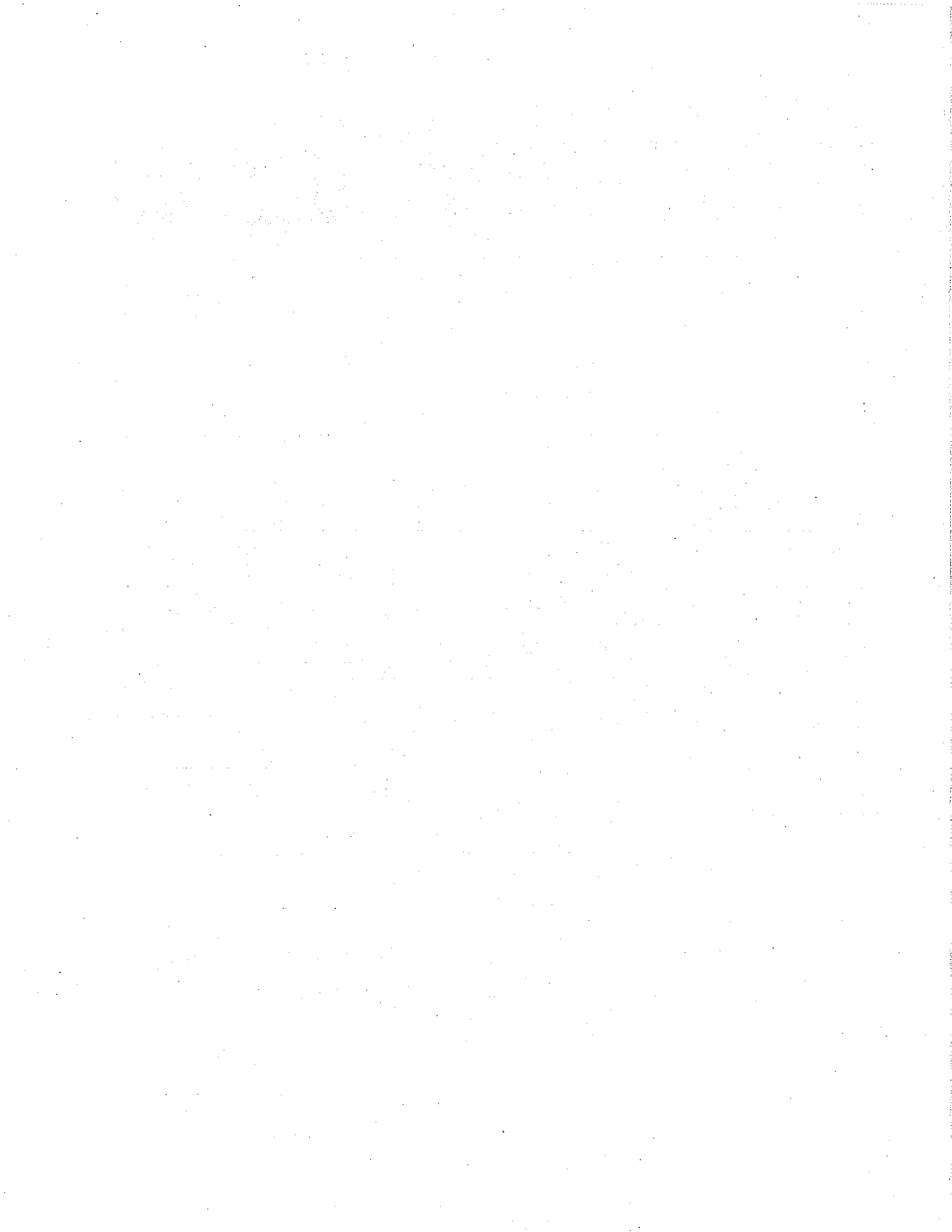
²Counties in rows are ranked based on total births by mother's residence.

³The cumulative percents show that of all births occurring in Washington State, 32.7 percent occurred in King County alone, 45.9 percent occurred in King and Pierce Counties, and so on.

Table 19. Live Births, County of Residence by County of Occurrence, 1996

	County of Occurrence ¹																	Residence Total		
	Island	Lewis	Clallam	Franklin	Grays Harbor	Okanogan	Whitman	Adams	Stevens	Kittitas	Mason	Klickitat	Jefferson	Pacific	Pend Oreille	Lincoln	Ferry		San Juan	Out-of-State
0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	21,573
0	5	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	20	9,620
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	7,921
0	0	0	0	0	0	2	0	4	0	0	0	0	0	0	1	0	0	0	28	5,626
0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1,835	4,726
0	0	0	1	0	0	1	1	0	4	0	2	0	0	0	0	0	0	0	4	4,190
1	0	4	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	5	3,269
0	52	0	0	3	1	0	0	0	0	4	0	0	0	0	0	0	0	0	4	2,436
0	0	0	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2,003
3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1,910
38	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1,293
0	0	0	3	0	3	0	139	0	8	0	0	0	0	0	0	0	0	0	4	1,292
0	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	80	1,249
0	0	0	481	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	2	1,059
0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	986
728	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	983
0	10	0	0	520	0	0	0	0	0	3	0	0	29	0	0	0	0	0	1	891
0	585	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	881
0	0	0	20	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	3	781
0	0	615	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3	640
0	0	0	0	0	449	0	0	0	0	0	0	0	0	0	0	0	0	0	1	540
0	0	0	0	2	0	0	0	0	0	222	0	0	0	0	0	0	0	0	1	536
0	0	0	1	0	0	0	0	277	0	0	0	0	0	0	1	0	0	0	0	464
0	0	0	0	0	58	0	0	0	0	0	0	0	0	0	0	0	0	0	1	458
0	0	0	0	0	0	357	0	0	1	0	0	0	0	0	0	0	0	0	24	428
0	0	0	1	0	0	2	170	0	0	0	0	0	0	0	0	0	0	0	0	331
0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	2	293
0	0	0	0	1	0	0	0	0	0	0	126	0	0	0	0	0	0	0	222	241
0	4	0	0	40	0	0	0	0	0	0	0	0	50	0	0	0	0	0	103	241
0	0	20	0	5	0	0	0	0	0	3	0	125	0	0	0	0	0	0	95	212
0	0	0	0	0	0	0	0	7	0	0	0	0	0	39	0	0	0	0	5	128
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	101
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	98
0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	32	83
0	0	0	0	0	8	0	0	44	1	0	0	0	0	0	0	10	0	0	0	81
0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	39
1	7	4	4	0	2	32	0	0	1	1	8	1	0	14	0	0	1	0	20	22
773	671	647	628	573	531	406	343	333	298	238	169	130	80	54	18	10	8	2,559		
93.3	94.1	95.0	95.8	96.6	97.3	97.8	98.2	98.7	99.1	99.4	99.6	99.8	99.9	99.9	100	100	100			

Note: Cells in table are shaded when county of residence and county of occurrence are the same.



Mortality

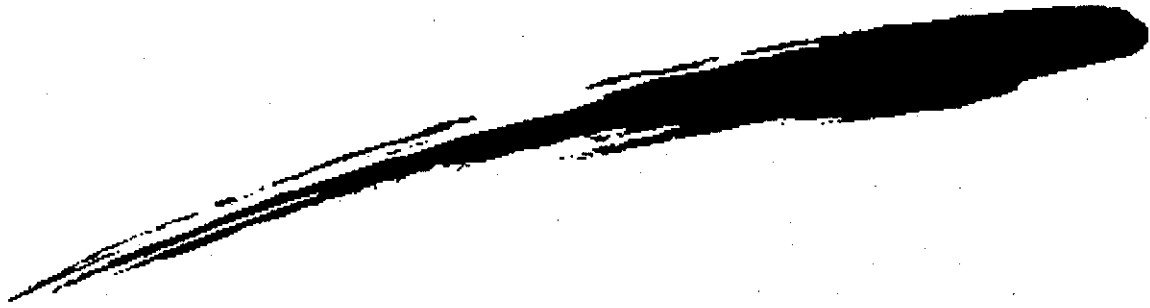




Table 20. Deaths by Selected Topics, 1996

A. Residence, Race/Ethnicity by Sex¹

Race/Ethnicity	Total	Male	Female
State Total	42,248	21,515	20,731
White	39,793	20,095	19,696
African American	1,061	640	421
Native American	479	264	215
Japanese	167	74	93
Chinese	137	80	57
Filipino	191	125	66
Other Asian	384	211	173
Other	2	2	0
Unknown	34	24	10
Hispanic ²	653	446	207

DEAB01M1

B. Residence, Infant Deaths by Race/Ethnicity

Race/Ethnicity	Number
State Total	467
White	379
African American	49
Native American	12
Japanese	0
Chinese	1
Filipino	6
Other Asian	17
Other	0
Unknown	3
Hispanic ²	68

DEAC01M1

C. Residence, Age Group by Sex¹

Age Group	Total	Male	Female
State Total	42,248	21,515	20,731
Under 1	467	262	203
1 - 4	91	55	36
5 - 14	166	95	71
15 - 19	247	170	77
20 - 24	310	243	67
25 - 34	938	682	256
35 - 44	1,774	1,220	554
45 - 54	2,609	1,652	957
55 - 64	3,872	2,324	1,548
65 - 74	8,054	4,565	3,489
75 - 84	12,599	6,415	6,184
85 - 94	9,341	3,421	5,920
95 and Over	1,774	406	1,368
Unknown	6	5	1

DEAB01M2

D. Residence, Life Expectancy³ by Age and Sex

Age Group	Total	Male	Female
0 - 1	77.4	74.6	80.2
1 - 5	76.9	74.1	79.6
5 - 10	73.0	70.2	75.7
10 - 15	68.0	65.3	70.8
15 - 20	63.1	60.4	65.8
20 - 25	58.3	55.6	61.0
25 - 30	53.6	51.0	56.1
30 - 35	48.8	46.3	51.2
35 - 40	44.1	41.7	46.4
40 - 45	39.4	37.2	41.6
45 - 50	34.8	32.7	36.9
50 - 55	30.3	28.3	32.2
55 - 60	26.0	24.0	27.8
60 - 65	21.8	19.9	23.5
65 - 70	18.0	16.3	19.5
70 - 75	14.5	12.9	15.8
75 - 80	11.3	9.9	12.3
80 - 85	8.6	7.4	9.4
85 and Over	6.4	5.5	6.9

DEAA01P2

¹Total includes 2 deaths for which sex is unknown.

²Persons of Hispanic Origin may be of any race. See Appendix A, "Hispanic Origin."

³Life expectancy is computed for the age at the beginning of each age interval using the VISTA program.

Table 20. Deaths by Selected Topics, 1996

E. Residence, Leading Causes of Death

Rank	Causes of Death	International List Numbers	Number	Percent ¹
	All Causes		42,248	100.0
1	Diseases of the Heart	390-398,402,404-429	11,794	27.9
2	Malignant Neoplasms	140-208	10,162	24.1
3	Cerebrovascular Diseases	430-438	3,540	8.4
4	Chr. Obstructive Pulmonary Dis.	490-496	2,260	5.3
5	Accidents & Adverse Effects	E800-E949	1,888	4.5
6	Pneumonia and Influenza	480-487	1,650	3.9
7	Diabetes Mellitus	250	1,192	2.8
8	Suicide	E950-E959	785	1.9
9	Alzheimer's Disease	331.0	546	1.3
10	Chronic Liver Disease & Cirrhosis	571	475	1.1
	All Other Causes		7,956	18.8

DEAA01P2

F. Residence, Leading Causes of Death, Infant Mortality

Rank	Causes of Death	International List Numbers	Number	Percent ¹
	Infant Causes		467	100.0
1	Congenital Anomalies	740-759	144	30.8
2	Sudden Infant Death Syndrome	798.0	80	17.1
3	Short Gestation	765	42	9.0
4	Maternal Complications	761	21	4.5
5	Respiratory Distress Syndrome	769	21	4.5
6	Complications of Placenta	762	16	3.4
7	Perinatal Infections	771	11	2.4
8	Hypoxia & Birth Asphyxia	768	10	2.1
9	Pneumonia & Influenza	480-487	8	1.7
10	Accidents & Adverse Effects	E800-E949	5	1.1
	All Other Causes		109	23.3

¹Percents may not add to 100% due to rounding.

DEAA01PT

Table 20. Deaths by Selected Topics, 1996

G. Residence and Occurrence, Month of Death

Month	Residence	Occurrence
State Total	42,248	42,323
January	3,807	3,795
February	3,377	3,362
March	3,533	3,514
April	3,349	3,344
May	3,460	3,482
June	3,399	3,416
July	3,484	3,484
August	3,360	3,400
September	3,144	3,169
October	3,521	3,511
November	3,451	3,452
December	4,363	4,394

DEAA01P1

H. Residence, Marital Status by Sex¹

Marital Status	Total	Male	Female
State Total	42,248	21,515	20,731
Single	4,102	2,749	1,351
Married	17,465	11,971	5,494
Divorced	5,221	2,864	2,357
Widowed	15,333	3,831	11,502
Unknown	127	100	27

DEAA01P1

I. Occurrence, Type of Place

Type of Place	Number
State Total	42,323
General Hospital	14,261
Nursing Home	12,988
Home	11,832
Federal Facility	643
Psychiatric Hospital	43
Dead on Arrival	32
State Facility	5
Other and Unknown	2,519

DEAA01P1

¹Total includes 2 deaths for which sex is unknown.

Table 21. Deaths to Residents by Leading Causes and Age Group by Sex¹, 1996

Age Group with Causes	Total			Male			Female		
	No.	Rate ²	Pct ³	No.	Rate ²	Pct ³	No.	Rate ²	Pct ³
All Ages									
All Causes	42,248	765.8	100.0	21,515	783.9	100.0	20,731	747.8	100.0
Diseases of the Heart (390-398,402,404-429)	11,794	213.8	27.9	6,231	227.0	29.0	5,563	200.7	26.8
Malignant Neoplasms (140-208)	10,162	184.2	24.1	5,246	191.1	24.4	4,916	177.3	23.7
Cerebrovascular Diseases (430-438)	3,540	64.2	8.4	1,365	49.7	6.3	2,175	78.5	10.5
Chronic Obstructive Pulmonary Diseases (490-496)	2,260	41.0	5.3	1,110	40.4	5.2	1,150	41.5	5.5
Accidents & Adverse Effects (E800-E949)	1,888	34.2	4.5	1,254	45.7	5.8	634	22.9	3.1
Pneumonia & Influenza (480-487)	1,650	29.9	3.9	716	26.1	3.3	934	33.7	4.5
Diabetes Mellitus (250)	1,192	21.6	2.8	590	21.5	2.7	602	21.7	2.9
Suicide (E950-E959)	785	14.2	1.9	644	23.5	3.0	141	5.1	0.7
Alzheimer's Disease (331.0)	546	9.9	1.3	169	6.2	0.8	377	13.6	1.8
Chronic Liver Disease & Cirrhosis (571)	475	8.6	1.1	307	11.2	1.4	168	6.1	0.8
All Other Causes	7,956	144.2	18.8	3,883	141.5	18.0	4,071	146.9	19.6
Under 1									
All Causes	467	599.7	100.0	262	654.8	100.0	203	536.1	100.0
Congenital Anomalies (740-759)	144	184.9	30.8	87	217.4	33.2	57	150.5	28.1
Sudden Infant Death Syndrome (798.0)	80	102.7	17.1	46	115.0	17.6	34	89.8	16.7
Short Gestation (765)	42	53.9	9.0	16	40.0	6.1	26	68.7	12.8
Maternal Complications (761)	21	27.0	4.5	10	25.0	3.8	10	26.4	4.9
Respiratory Distress Syndrome (769)	21	27.0	4.5	11	27.5	4.2	10	26.4	4.9
All Other Causes	159	204.2	34.0	92	229.9	35.1	66	174.3	32.5
1-4									
All Causes	91	27.5	100.0	55	32.5	100.0	36	22.3	100.0
Accidents & Adverse Effects (E800-E949)	27	8.2	29.7	18	10.6	32.7	9	5.6	25.0
Congenital Anomalies (740-759)	15	4.5	16.5	6	3.5	10.9	9	5.6	25.0
Malignant Neoplasms (140-208)	10	3.0	11.0	6	3.5	10.9	4	2.5	11.1
Homicide & Legal Intervention (E960-E978)	5	1.5	5.5	3	—*	5.5	2	—*	5.6
Diseases of the Heart (390-398,402,404-429)	4	—*	4.4	2	—*	3.6	2	—*	5.6
All Other Causes	30	9.1	33.0	20	11.8	36.4	10	6.2	27.8
5-14									
All Causes	166	19.7	100.0	95	21.9	100.0	71	17.3	100.0
Accidents & Adverse Effects (E800-E949)	73	8.6	44.0	44	10.2	46.3	29	7.1	40.8
Homicide & Legal Intervention (E960-E978)	16	1.9	9.6	8	1.8	8.4	8	1.9	11.3
Malignant Neoplasms (140-208)	14	1.7	8.4	8	1.8	8.4	6	1.5	8.5
Congenital Anomalies (740-759)	11	1.3	6.6	7	1.6	7.4	4	—*	5.6
Diseases of the Heart (390-398,402,404-429)	5	0.6	3.0	3	—*	3.2	2	—*	2.8
All Other Causes	47	5.6	28.3	25	5.8	26.3	22	5.3	31.0
15 - 19									
All Causes	247	65.6	100.0	170	87.6	100.0	77	42.2	100.0
Accidents & Adverse Effects (E800-E949)	118	31.3	47.8	79	40.7	46.5	39	21.4	50.6
Suicide (E950-E959)	46	12.2	18.6	39	20.1	22.9	7	3.8	9.1
Homicide & Legal Intervention (E960-E978)	29	7.7	11.7	21	10.8	12.4	8	4.4	10.4
Malignant Neoplasms (140-208)	12	3.2	4.9	7	3.6	4.1	5	2.7	6.5
Diseases of the Heart (390-398,402,404-429)	8	2.1	3.2	4	—*	2.4	4	—*	5.2
All Other Causes	34	9.0	13.8	20	10.3	11.8	14	7.7	18.2
20 - 24									
All Causes	310	92.1	100.0	243	139.7	100.0	67	41.2	100.0
Accidents & Adverse Effects (E800-E949)	145	43.1	46.8	120	69.0	49.4	25	15.4	37.3
Suicide (E950-E959)	54	16.0	17.4	48	27.6	19.8	6	3.7	9.0
Homicide & Legal Intervention (E960-E978)	44	13.1	14.2	36	20.7	14.8	8	4.9	11.9
Malignant Neoplasms (140-208)	14	4.2	4.5	9	5.2	3.7	5	3.1	7.5
Diseases of the Heart (390-398,402,404-429)	12	3.6	3.9	7	4.0	2.9	5	3.1	7.5
All Other Causes	41	12.2	13.2	23	13.2	9.5	18	11.1	26.9
25 - 34									
All Causes	938	112.6	100.0	682	161.4	100.0	256	62.4	100.0
Accidents & Adverse Effects (E800-E949)	283	34.0	30.2	217	51.4	31.8	66	16.1	25.8
Suicide (E950-E959)	176	21.1	18.8	143	33.9	21.0	33	8.0	12.9
Human Immunodeficiency Virus (042-044)	98	11.8	10.4	87	20.6	12.8	11	2.7	4.3
Malignant Neoplasms (140-208)	98	11.8	10.4	45	10.7	6.6	53	12.9	20.7
Homicide & Legal Intervention (E960-E978)	57	6.8	6.1	47	11.1	6.9	10	2.4	3.9
All Other Causes	226	27.1	24.1	143	33.9	21.0	83	20.2	32.4

Table 21. Deaths to Residents by Leading Causes and Age Group by Sex¹, 1996

Age Group with Causes	Total			Male			Female		
	No.	Rate ²	Pct ³	No.	Rate ²	Pct ³	No.	Rate ²	Pct ³
35 - 44									
All Causes	1,774	185.9	100.0	1,220	253.7	100.0	554	117.0	100.0
Accidents & Adverse Effects (E800-E949)	364	38.1	20.5	276	57.4	22.6	88	18.6	15.9
Malignant Neoplasms (140-208)	314	32.9	17.7	147	30.6	12.0	167	35.3	30.1
Diseases of the Heart (390-398,402,404-429)	208	21.8	11.7	161	33.5	13.2	47	9.9	8.5
Human Immunodeficiency Virus (042-044)	191	20.0	10.8	177	36.8	14.5	14	3.0	2.5
Suicide (E950-E959)	187	19.6	10.5	151	31.4	12.4	36	7.6	6.5
All Other Causes	510	53.4	28.7	308	64.1	25.2	202	42.7	36.5
45 - 54									
All Causes	2,609	367.5	100.0	1,652	464.6	100.0	957	270.1	100.0
Malignant Neoplasms (140-208)	891	125.5	34.2	444	124.9	26.9	447	126.2	46.7
Diseases of the Heart (390-398,402,404-429)	523	73.7	20.0	413	116.2	25.0	110	31.0	11.5
Accidents & Adverse Effects (E800-E949)	215	30.3	8.2	152	42.8	9.2	63	17.8	6.6
Suicide (E950-E959)	125	17.6	4.8	95	26.7	5.8	30	8.5	3.1
Chronic Liver Disease & Cirrhosis (571)	112	15.8	4.3	77	21.7	4.7	35	9.9	3.7
All Other Causes	743	104.7	28.5	471	132.5	28.5	272	76.8	28.4
55 - 64									
All Causes	3,872	928.0	100.0	2,324	1124.7	100.0	1,548	735.0	100.0
Malignant Neoplasms (140-208)	1,561	374.1	40.3	829	401.2	35.7	732	347.6	47.3
Diseases of the Heart (390-398,402,404-429)	980	234.9	25.3	730	353.3	31.4	250	118.7	16.1
Chronic Obstructive Pulmonary Diseases (490-496)	172	41.2	4.4	76	36.8	3.3	96	45.6	6.2
Diabetes Mellitus (250)	163	39.1	4.2	90	43.6	3.9	73	34.7	4.7
Cerebrovascular Diseases (430-438)	162	38.8	4.2	89	43.1	3.8	73	34.7	4.7
All Other Causes	834	199.9	21.5	510	246.8	21.9	324	153.8	20.9
65 - 74									
All Causes	8,054	2307.9	100.0	4,565	2857.3	100.0	3,489	1844.0	100.0
Malignant Neoplasms (140-208)	2,826	809.8	35.1	1,526	955.2	33.4	1,300	687.1	37.3
Diseases of the Heart (390-398,402,404-429)	2,241	642.2	27.8	1,437	899.5	31.5	804	424.9	23.0
Chronic Obstructive Pulmonary Diseases (490-496)	624	178.8	7.7	311	194.7	6.8	313	165.4	9.0
Cerebrovascular Diseases (430-438)	487	139.6	6.0	235	147.1	5.1	252	133.2	7.2
Diabetes Mellitus (250)	295	84.5	3.7	161	100.8	3.5	134	70.8	3.8
All Other Causes	1,581	453.0	19.6	895	560.2	19.6	686	362.6	19.7
75 - 84									
All Causes	12,599	5821.7	100.0	6,415	7259.2	100.0	6,184	4829.6	100.0
Diseases of the Heart (390-398,402,404-429)	3,811	1761.0	30.2	2,059	2329.9	32.1	1,752	1368.3	28.3
Malignant Neoplasms (140-208)	3,085	1425.5	24.5	1,633	1847.9	25.5	1,452	1134.0	23.5
Cerebrovascular Diseases (430-438)	1,226	566.5	9.7	537	607.7	8.4	689	538.1	11.1
Chronic Obstructive Pulmonary Diseases (490-496)	927	428.3	7.4	463	523.9	7.2	464	362.4	7.5
Pneumonia & Influenza (480-487)	520	240.3	4.1	270	305.5	4.2	250	195.2	4.0
All Other Causes	3,030	1400.1	24.0	1,453	1644.2	22.7	1,577	1231.6	25.5
85 and Over									
All Causes	11,115	15542.6	100.0	3,827	18072.3	100.0	7,288	14478.4	100.0
Diseases of the Heart (390-398,402,404-429)	3,944	5515.1	35.5	1,379	6512.1	36.0	2,565	5095.7	35.2
Cerebrovascular Diseases (430-438)	1,503	2101.7	13.5	415	1959.8	10.8	1,088	2161.4	14.9
Malignant Neoplasms (140-208)	1,334	1865.4	12.0	590	2786.2	15.4	744	1478.0	10.2
Pneumonia & Influenza (480-487)	814	1138.3	7.3	282	1331.7	7.4	532	1056.9	7.3
Chronic Obstructive Pulmonary Diseases (490-496)	454	634.8	4.1	209	987.0	5.5	245	486.7	3.4
All Other Causes	3,066	4287.3	27.6	952	4495.7	24.9	2,114	4199.7	29.0
Age Unknown									
All Causes	6	0.0	100.0	5	0.0	100.0	1	--*	100.0
Accidents & Adverse Effects (E800-E949)	2	--*	33.3	2	--*	40.0	0	--*	0.0
Homicide & Legal Intervention (E960-E978)	1	--*	16.7	1	--*	20.0	0	--*	0.0
Malignant Neoplasms (140-208)	1	--*	16.7	0	--*	0.0	1	--*	100.0
Suicide (E950-E959)	1	--*	16.7	1	--*	20.0	0	--*	0.0
All Other Causes	1	--*	16.7	1	--*	20.0	0	--*	0.0

¹Total includes 2 deaths for which sex is unknown.

²Rate per 100,000 population in each age-sex group

³Percent of total deaths in each age-sex group. Percents may not add to 100% due to rounding.

*Rate not calculated because number of deaths was less than 5.

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Table 22. Deaths to Residents by Selected Causes by Sex¹, 1996

Cause with International List Number	Total		Male		Female	
	Number	Rate ²	Number	Rate ²	Number	Rate ²
Total All Causes³	(42,248)	(765.8)	(21,515)	(783.9)	(20,731)	(747.8)
Infectious and Parasitic Diseases (001-139)	(893)	(16.2)	(602)	(21.9)	(291)	(10.5)
Tuberculosis (010-018)	17	0.3	10	0.4	7	0.3
Septicemia (038)	228	4.1	91	3.3	137	4.9
Human Immunodeficiency Virus (042-044)	400	7.3	368	13.4	32	1.2
Other (000-009,020-037,039-041,045-139)	248	4.5	133	4.8	115	4.1
Neoplasms (140-239)	(10,236)	(185.5)	(5,283)	(192.5)	(4,953)	(178.7)
Malignant Neoplasms (140-208)	10,162	184.2	5,246	191.1	4,916	177.3
Benign Neoplasms, Carcinoma in Situ (210-239)	74	1.3	37	1.3	37	1.3
Endocrine, Nutrition, Metabolic Immunity (240-279)	(1,597)	(28.9)	(758)	(27.6)	(839)	(30.3)
Diabetes Mellitus (250)	1,192	21.6	590	21.5	602	21.7
Nutritional Deficiencies (260-269)	65	1.2	19	0.7	46	1.7
Other (240-249,251-259,270-279)	340	6.2	149	5.4	191	6.9
Diseases of Blood and Blood-Forming Organs (280-289)	(155)	(2.8)	(72)	(2.6)	(83)	(3.0)
Anemia (280-285)	56	1.0	20	0.7	36	1.3
Other (286-289)	99	1.8	52	1.9	47	1.7
Mental Disorders (290-319)	(1,258)	(22.8)	(501)	(18.3)	(757)	(27.3)
Alcohol-Related (291,303,305.0)	139	2.5	105	3.8	34	1.2
Other (290,292-302,304,305.1-319)	1,119	20.3	396	14.4	723	26.1
Diseases of the Nervous System and Sense Organ (320-389)	(1,312)	(23.8)	(578)	(21.1)	(734)	(26.5)
Meningitis (320-322)	15	0.3	7	0.3	8	0.3
Alzheimers' Disease (331.0)	546	9.9	169	6.2	377	13.6
Parkinson's Disease (332)	319	5.8	173	6.3	146	5.3
Amyotrophic Lateral Sclerosis (335.2)	101	1.8	62	2.3	39	1.4
Multiple Sclerosis (340)	81	1.5	34	1.2	47	1.7
Other (323-330,331.1-331.9,333-335.1,335.8-337,341-389)	250	4.5	133	4.8	117	4.2
Diseases of the Circulatory System (390-459)	(16,499)	(299.1)	(8,145)	(296.8)	(8,354)	(301.4)
Major Cardiovascular Diseases (390-448)	(16,435)	(297.9)	(8,117)	(295.7)	(8,318)	(300.1)
Diseases of the Heart (390-398,402,404-429)	(11,794)	(213.8)	(6,231)	(227.0)	(5,563)	(200.7)
Rheumatic Fever & Rheumatic Heart Disease (390-398)	153	2.8	50	1.8	103	3.7
Hypertensive Heart Disease (402)	388	7.0	156	5.7	232	8.4
Hypertensive Heart and Renal Disease (404)	34	0.6	16	0.6	18	0.6
Ischemic Heart Disease (410-414)	(7,298)	(132.3)	(4,106)	(149.6)	(3,192)	(115.1)
Acute Myocardial Infarction (410)	3,163	57.3	1,807	65.8	1,356	48.9
Other Forms of Ischemic Heart Disease (411)	10	0.2	4	—*	6	0.2
Angina Pectoris (413)	17	0.3	10	0.4	7	0.3
Old Myocardial Infarction, Chronic Ischemic (412,414)	4,108	74.5	2,285	83.3	1,823	65.8
Other Diseases of Endocardium (424)	478	8.7	201	7.3	277	10.0
Cardiovascular Disease, Unspecified (429.2)	1,644	29.8	830	30.2	814	29.4
Other Heart Disease (415-428,429.0-429.1,429.3-429.9)	1,799	32.6	872	31.8	927	33.4
Hypertensive Disease (401,403)	214	3.9	88	3.2	126	4.5
Cerebrovascular Disease (430-438)	3,540	64.2	1,365	49.7	2,175	78.5
Arteriosclerosis (440)	360	6.5	143	5.2	217	7.8
Other Major Cardiovascular Diseases (441-448)	527	9.6	290	10.6	237	8.5
Other Diseases of Circulatory System (451-459)	64	1.2	28	1.0	36	1.3
Diseases of the Respiratory System (460-519)	(4,403)	(79.8)	(2,102)	(76.6)	(2,301)	(83.0)
Acute Bronchitis and Bronchiolitis (466)	5	0.1	2	—*	3	—*
Pneumonia and Influenza (480-487)	(1,650)	(29.9)	(716)	(26.1)	(934)	(33.7)
Pneumonia (480-486)	1,620	29.4	705	25.7	915	33.0
Influenza (487)	30	0.5	11	0.4	19	0.7

Table 22. Deaths to Residents by Selected Causes by Sex¹, 1996

Cause with International List Number	Total		Male		Female	
	Number	Rate ²	Number	Rate ²	Number	Rate ²
Diseases of the Respiratory System (460-519) Cont.						
Chronic Obstructive Pulmonary Diseases (490-496)	(2,260)	(41.0)	(1,110)	(40.4)	(1,150)	(41.5)
Bronchitis, Chronic and Unspecified (490-491)	64	1.2	25	0.9	39	1.4
Emphysema (492)	343	6.2	176	6.4	167	6.0
Asthma (493)	126	2.3	50	1.8	76	2.7
Other Chronic Obstructive Pulmonary Diseases (494-496)	1,727	31.3	859	31.3	868	31.3
Other (460-465,470-478,500-519)	488	8.8	274	10.0	214	7.7
Diseases of the Digestive System (520-579)						
Ulcer of Stomach and Duodenum (531-533)	(1,444)	(26.2)	(699)	(25.5)	(745)	(26.9)
Appendicitis (540-543)	109	2.0	56	2.0	53	1.9
Hernia & Intestinal Obstruction (550-553,560)	10	0.2	3	—*	7	0.3
Chronic Liver Disease & Cirrhosis (571)	142	2.6	47	1.7	95	3.4
Cholelithiasis and Disorders of Gallbladder (574-575)	475	8.6	307	11.2	168	6.1
Other (520-530,534-537,555-558,562-570,572-573,576-579)	39	0.7	25	0.9	14	0.5
Other (520-530,534-537,555-558,562-570,572-573,576-579)	669	12.1	261	9.5	408	14.7
Diseases of the Genitourinary System (580-629)						
Nephritis, Nephrotic Syndrome, and Nephrosis (580-589)	(469)	(8.5)	(198)	(7.2)	(271)	(9.8)
Infections of Kidney (590)	201	3.6	99	3.6	102	3.7
Hyperplasia of Prostate (600)	21	0.4	7	0.3	14	0.5
Other (591-599,601-629)	8	0.1	8	0.3	0	—*
Other (591-599,601-629)	239	4.3	84	3.1	155	5.6
Complications of Pregnancy & Childbirth (630-676)						
Diseases of the Skin (680-709)	(3)	—*	(0)	—*	(3)	—*
Diseases of the Musculoskeletal (710-739)	(43)	(0.8)	(11)	(0.4)	(32)	(1.2)
Congenital Anomalies (740-759)	(209)	(3.8)	(55)	(2.0)	(154)	(5.6)
Certain Conditions in the Perinatal Period (760-779)	(289)	(5.2)	(156)	(5.7)	(133)	(4.8)
Birth Trauma & Asphyxia Conditions (767-769)	(180)	(3.3)	(92)	(3.4)	(87)	(3.1)
Other Conditions in Perinatal Period (760-766,770-779)	33	0.6	17	0.6	16	0.6
Other Conditions in Perinatal Period (760-766,770-779)	147	2.7	75	2.7	71	2.6
Ill-Defined Conditions (780-799)						
Sudden Infant Death Syndrome (798.0)	(213)	(3.9)	(110)	(4.0)	(102)	(3.7)
Other (780-797,798.1-799)	80	1.5	46	1.7	34	1.2
Other (780-797,798.1-799)	133	2.4	64	2.3	68	2.5
Accidents and Adverse Effects (E800-E949)						
Motor Vehicle (E810-E825)	(1,888)	(34.2)	(1,254)	(45.7)	(634)	(22.9)
Water Transport (E830-E838)	789	14.3	545	19.9	244	8.8
Drownings Due To (E830,E832)	(27)	(0.5)	(24)	(0.9)	(3)	—*
Other Water Transport (E831,E833-E838)	21	0.4	18	0.7	3	—*
Other Water Transport (E831,E833-E838)	6	0.1	6	0.2	0	—*
Air and Space Transport (E840-E845)	28	0.5	22	0.8	6	0.2
Accidental Poisoning (E850-E869)	309	5.6	229	8.3	80	2.9
Falls (E880-E888)	379	6.9	179	6.5	200	7.2
Fire (E890-E899)	51	0.9	29	1.1	22	0.8
Accidental Drowning (E910)	78	1.4	64	2.3	14	0.5
Late Effects of Accidental Injury (E929)	27	0.5	13	0.5	14	0.5
Other (E800-E949)	200	3.6	149	5.4	51	1.8
Suicide (E950-E959)	785	(14.2)	(644)	(23.5)	(141)	(5.1)
Suicide: Firearms or Explosives (E955)	459	8.3	415	15.1	44	1.6
Suicide: Other Methods (E950-E954,E956-E959)	326	5.9	229	8.3	97	3.5
Homicide and Legal Intervention (E960-E978)	(264)	(4.8)	(179)	(6.5)	(85)	(3.1)
Homicide: Firearms and Explosives (E965)	138	2.5	101	3.7	37	1.3
Homicide: Other Methods (E960-E964,E966-E969)	117	2.1	69	2.5	48	1.7
Legal Intervention (E970-E978)	9	0.2	9	0.3	0	—*
All other External Causes (E980-E999)	(108)	(2.0)	(76)	(2.8)	(32)	(1.2)

¹Total includes 2 deaths for which sex is unknown.

²Rates per 100,000 population

³Group totals are shown in parentheses.

*Rate not calculated because number of deaths was less than 5.

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Table 23. Deaths to Residents Due to Malignant Neoplasm by Primary Site by Sex, 1996

Cause with International List Number	Total		Male		Female	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Total All Causes²	(10,162)	(184.2)	(5,246)	(191.1)	(4,916)	(177.3)
Lip, Oral Cavity, and Pharynx (140-149)	(130)	(2.4)	(89)	(3.2)	(41)	(1.5)
Digestive Organs and Peritoneum (150-159)	(2,395)	(43.4)	(1,269)	(46.2)	(1,126)	(40.6)
Esophagus (150)	206	3.7	149	5.4	57	2.1
Stomach (151)	248	4.5	156	5.7	92	3.3
Small Intestine, Including Duodenum (152)	29	0.5	16	0.6	13	0.5
Colon (153)	831	15.1	402	14.6	429	15.5
Rectum (154)	198	3.6	110	4.0	88	3.2
Liver and Intrahepatic Ducts (155)	206	3.7	127	4.6	79	2.8
Gallbladder and Extrahepatic Bile Ducts (156)	61	1.1	24	0.9	37	1.3
Pancreas (157)	560	10.2	261	9.5	299	10.8
Retroperitoneum and Peritoneum (158)	24	0.4	9	0.3	15	0.5
Intestinal tract, part unspecified (159.0)	15	0.3	7	0.3	8	0.3
Other and ill-defined sites within the digestive organs and peritoneum (159.1-159.9)	17	0.3	8	0.3	9	0.3
Respiratory and Intrathoracic Organs (160-165)	(3,059)	(55.4)	(1,749)	(63.7)	(1,310)	(47.3)
Trachea (162.0)	0	—*	0	—*	0	—*
Bronchus and Lung (162.2-162.9)	2,946	53.4	1,668	60.8	1,278	46.1
Other (160-161, 163-165)	113	2.0	81	3.0	32	1.2
Bone, Connective Tissue, Skin and Breast (170-175)	(1,055)	(19.1)	(179)	(6.5)	(876)	(31.6)
Bone and Articular Cartilage (170)	20	0.4	13	0.5	7	0.3
Connective Tissue and Other Soft Tissue (171)	62	1.1	34	1.2	28	1.0
Skin (172-173)	184	3.3	128	4.7	56	2.0
Breast (174, 175)	789	14.3	4	—*	785	28.3
Genital Organs (179-187)	(1,152)	(20.9)	(647)	(23.6)	(505)	(18.2)
Cervix uteri (180)	58	1.1	0	—*	58	2.1
Prostate (185)	638	11.6	638	23.2	0	—*
Other (179, 181-184, 186-187)	456	8.3	9	0.3	447	16.1
Urinary Organs (188-189)	(437)	(7.9)	(287)	(10.5)	(150)	(5.4)
Bladder (188)	214	3.9	157	5.7	57	2.1
Other (189)	223	4.0	130	4.7	93	3.4
Brain (191)	(299)	(5.4)	(180)	(6.6)	(119)	(4.3)
Other and Ill-Defined Sites (190, 192-199)	(535)	(9.7)	(244)	(8.9)	(291)	(10.5)
Lymphatic and Hematopoietic Tissue (200-208)	(1,100)	(19.9)	(602)	(21.9)	(498)	(18.0)
Lymphosarcoma (200)	26	0.5	16	0.6	10	0.4
Hodgkins Disease (201)	31	0.6	21	0.8	10	0.4
Lymphoid and Histiocytic Tissue (202)	416	7.5	220	8.0	196	7.1
Multiple Myeloma and Immunoproliferative Tissue (203)	221	4.0	119	4.3	102	3.7
Lymphoid Leukemia (204)	125	2.3	77	2.8	48	1.7
Myeloid Leukemia (205)	252	4.6	137	5.0	115	4.1
Monocytic Leukemia (206)	7	0.1	6	0.2	1	—*
Other and Unspecified Leukemia (207-208)	22	0.4	6	0.2	16	0.6

¹Rates per 100,000 population

²Group totals are shown in parentheses.

*Rate not calculated because number of deaths was less than 5.

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Table 24. Deaths to Residents by Non-Transport Causes by Place of Accident, 1996

Cause of Death	Nursing							
	Total	Home	Home	Agriculture	Industry	Prison	Public	Unk
State Total	1,023	579	104	18	29	1	231	61
Poisoning by Drugs, Medicaments and Biologicals (E850-E858)	287	220	3	0	0	1	50	13
Poisoning by Other Solid and Liquid Substances, Gases and Vapors (E860-E869)	22	14	0	0	0	0	7	1
Misadventures and Abnormal Reactions Due to Surgical and Medical Care (E870-E879)	11	1	0	0	0	0	10	0
Falls (E880-E888)¹	(379)	(207)	(93)	(1)	(8)	(0)	(52)	(18)
Falls on/from Stairs or Ladders (E880-E881)	46	38	1	0	2	0	4	1
Falls from One Level to Another (E882-E884)	63	23	15	1	4	0	19	1
Falls on Same Level (E885-E886)	20	10	4	0	0	0	5	1
Other and Unspecified Fall (E887-E888)	250	136	73	0	2	0	24	15
Fire (E890-E899)	51	48	0	0	0	0	2	1
Natural and Environmental Factors (E900-E909)	29	9	0	1	0	0	18	1
Drowning, Excluding Submersion Following Boating Accidents (E910)	78	16	0	0	1	0	59	2
Inhalation and Ingestion of Food or Other Object Causing Suffocation and Obstruction (E911-E912)	26	13	5	0	0	0	4	4
Mechanical Suffocation (E913)	24	17	2	0	2	0	2	1
Foreign Body Entering Other Orifice (E914-E915)	0	0	0	0	0	0	0	0
Struck by, Against or Between Objects (E916-E918)	37	13	0	5	9	0	10	0
Machinery (E919-E920)	22	2	0	10	5	0	5	0
Explosion and Explosive Material (E921,E923)	3	1	0	0	1	0	1	0
Firearms (E922)	6	5	0	0	0	0	1	0
Hot Substance, Corrosive Liquid and Steam (E924)	1	1	0	0	0	0	0	0
Electricity (E925)	8	4	0	0	2	0	2	0
Late Effects of Non-Transport Accidents (E929.2-E929.9)	18	4	1	1	1	0	2	9
Other and Unspecified Non-Transport Accidents (E926-E928,E930-E949)	21	4	0	0	0	0	6	11

DEAAG5MT

¹Group totals for falls are shown in parentheses.

Table 25. Deaths by Place of Residence and Occurrence, 1996

County and City	Residence		Occurrence	
	Total	Rate ¹	Total	Rate ¹
State Total	42,248	7.7	42,323	7.7
Adams	124	8.1	111	7.2
Asotin	224	11.4	182	9.3
Benton	892	6.8	779	5.9
Kennewick	402	8.4	377	7.9
Richland	248	6.9	298	8.3
Chelan	552	9.0	674	11.0
Wenatchee	276	11.2	500	20.3
Clallam	766	11.8	683	10.5
Port Angeles	246	13.1	410	21.8
Clark	2,096	6.9	1,939	6.4
Vancouver	914	13.6	1,586	23.5
Columbia	45	10.7	43	10.2
Cowlitz	924	10.2	983	10.8
Longview	426	12.7	822	24.4
Douglas	233	7.7	127	4.2
Ferry	77	10.7	51	7.1
Franklin	273	6.2	292	6.7
Pasco	199	8.9	273	12.2
Garfield	29	12.1	19	7.9
Grant	581	8.8	470	7.1
Grays Harbor	726	10.6	584	8.6
Aberdeen	216	12.9	371	22.2
Island	444	6.3	357	5.1
Oak Harbor	101	5.2	109	5.6
Jefferson	267	10.4	222	8.6
King	11,748	7.2	12,967	8.0
Auburn	313	8.7	451	12.5
Bellevue	637	6.1	970	9.4
Burien	126	4.5	280	10.1
Des Moines	238	10.3	290	12.6
Federal Way	429	5.7	464	6.2
Kent	397	6.6	264	4.4
Kirkland	320	7.4	661	15.3
Mercer Island	160	7.4	98	4.6
Redmond	278	6.8	315	7.7
Renton	434	9.6	721	16.0
Sea Tac	85	3.7	56	2.4
Seattle	5,581	10.4	7,349	13.7
Kitsap	1,570	7.0	1,454	6.5
Bainbridge Island	133	7.2	115	6.2
Bremerton	445	11.6	863	22.5
Kittitas	237	7.7	229	7.4

Table 25. Deaths by Place of Residence and Occurrence, 1996

County and City	Residence		Occurrence	
	Total	Rate ¹	Total	Rate ¹
Klickitat	175	9.4	147	7.9
Lewis	702	10.5	603	9.0
Lincoln	121	12.3	86	8.8
Mason	518	11.1	387	8.3
Okanogan	365	9.7	328	8.7
Pacific	320	15.2	255	12.1
Pend Oreille	107	9.6	89	8.0
Pierce	4,944	7.4	4,930	7.4
Lakewood	179	2.9	209	3.3
Puyallup	319	11.1	842	29.4
Tacoma	1,922	10.4	3,174	17.2
University Place	85	3.0	55	1.9
San Juan	99	8.0	68	5.5
Skagit	835	8.7	813	8.5
Mount Vernon	191	8.8	368	16.9
Skamania	64	6.5	42	4.3
Snohomish	3,413	6.3	3,102	5.8
Edmonds	343	9.7	472	13.3
Everett	760	9.3	1,157	14.1
Lynnwood	286	8.8	251	7.7
Marysville	247	13.5	279	15.3
Mountlake Terrace	100	5.0	44	2.2
Mukilteo	57	3.7	25	1.6
Spokane	3,388	8.3	3,891	9.6
Spokane (City)	2,069	11.0	3,577	19.1
Stevens	297	8.1	259	7.1
Thurston	1,433	7.4	1,510	7.8
Lacey	262	10.0	231	8.8
Olympia	455	12.0	1,119	29.5
Wahkiakum	52	13.7	43	11.3
Walla Walla	506	9.5	560	10.5
Walla Walla (City)	318	11.0	484	16.7
Whatcom	1,156	7.6	1,166	7.6
Bellingham	590	9.9	883	14.8
Whitman	218	5.3	188	4.6
Pullman	51	2.1	50	2.0
Yakima	1,727	8.3	1,690	8.1
Yakima (City)	742	11.8	1,139	18.2

¹Rates per 1,000 population

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Table 26. Deaths by Sex¹ and Race/Ethnicity by Place of Residence, 1996

County and City	Total	Male	Female	White	African Amer.	Native Amer.	Japa-nese	Chinese	Filipino	Other Asian	Other	Unk	Hispanic ²
State Total	42,248	21,515	20,731	39,793	1,061	479	167	137	191	384	2	34	653
Adams	124	72	52	124	0	0	0	0	0	0	0	0	15
Asotin	224	115	109	224	0	0	0	0	0	0	0	0	1
Benton	892	445	447	871	6	1	1	1	2	10	0	0	15
Kennewick	402	198	204	390	5	1	1	0	1	4	0	0	3
Richland	248	122	126	242	1	0	0	1	0	4	0	0	2
Chelan	552	283	269	547	2	1	0	1	0	1	0	0	12
Wenatchee	276	133	143	273	1	0	0	1	0	1	0	0	3
Clallam	766	399	367	743	3	15	0	3	0	1	0	1	2
Port Angeles	246	125	121	238	1	4	0	2	0	1	0	0	1
Clark	2,096	1,077	1,019	2,062	18	6	1	3	0	5	0	1	11
Vancouver	914	474	440	892	15	2	0	1	0	3	0	1	3
Columbia	45	20	25	45	0	0	0	0	0	0	0	0	2
Cowlitz	924	464	460	911	3	7	1	0	0	2	0	0	7
Longview	426	215	211	422	2	1	1	0	0	0	0	0	4
Douglas	233	113	120	231	0	1	1	0	0	0	0	0	6
Ferry	77	47	30	67	0	10	0	0	0	0	0	0	0
Franklin	273	136	137	248	18	2	0	0	1	4	0	0	24
Pasco	199	94	105	178	17	1	0	0	1	2	0	0	19
Garfield	29	12	17	29	0	0	0	0	0	0	0	0	1
Grant	581	309	272	567	10	1	1	0	1	1	0	0	49
Grays Harbor	726	406	320	705	2	15	2	0	0	2	0	0	3
Aberdeen	216	122	94	212	1	3	0	0	0	0	0	0	1
Island	444	245	199	430	4	0	1	0	4	4	1	0	0
Oak Harbor	101	45	56	94	2	0	1	0	2	2	0	0	0
Jefferson	267	160	107	261	1	4	0	0	0	0	0	1	2
King	11,748	5,945	5,803	10,488	605	87	113	107	126	203	1	18	154
Auburn	313	142	171	293	7	5	3	1	3	1	0	0	1
Bellevue	637	307	330	594	10	2	4	7	6	13	0	1	3
Burien	126	60	66	116	4	1	0	1	0	4	0	0	0
Des Moines	238	101	137	225	5	1	0	1	1	5	0	0	1
Federal Way	429	231	198	391	19	4	3	1	3	8	0	0	6
Kent	397	217	180	357	21	2	1	3	2	8	1	2	6
Kirkland	320	160	160	306	8	0	0	2	1	2	0	1	5
Mercer Island	160	73	87	152	3	0	1	1	1	2	0	0	2
Redmond	278	127	151	272	1	0	1	0	0	4	0	0	4
Renton	434	218	216	387	26	2	2	1	4	10	0	2	5
Sea Tac	85	51	34	77	5	1	0	0	0	2	0	0	2
Seattle	5,581	2,790	2,791	4,687	467	49	83	79	88	119	0	9	93
Kitsap	1,570	793	777	1,503	23	12	7	0	10	13	0	2	9
Bainbridge Island	133	52	81	127	0	1	2	0	3	0	0	0	1
Bremerton	445	212	233	423	12	3	0	0	2	4	0	1	5
Kittitas	237	120	117	235	1	0	0	1	0	0	0	0	3

Table 26. Deaths by Sex¹ and Race/Ethnicity by Place of Residence, 1996

County and City	Total	Male	Female	White	African Amer.	Native Amer.	Japa-nese	Chinese	Filipino	Other Asian	Other	Unk	Hispanic ²
Klickitat	175	91	84	169	0	6	0	0	0	0	0	0	1
Lewis	702	341	361	693	0	4	1	1	0	2	0	1	4
Lincoln	121	65	56	119	0	1	0	0	0	0	0	1	1
Mason	518	286	232	507	0	9	1	0	0	1	0	0	9
Okanogan	365	189	176	330	1	34	0	0	0	0	0	0	9
Pacific	320	170	150	316	0	2	0	0	0	2	0	0	0
Pend Oreille	107	61	46	106	0	1	0	0	0	0	0	0	0
Pierce	4,944	2,536	2,407	4,525	260	41	21	5	21	69	0	2	50
Lakewood	179	97	82	159	10	0	3	1	1	5	0	0	3
Puyallup	319	142	177	310	4	4	0	0	0	1	0	0	4
Tacoma	1,922	969	953	1,677	172	24	9	2	5	32	0	1	18
University Place	85	33	52	78	6	0	0	0	0	1	0	0	1
San Juan	99	52	47	98	0	0	0	0	0	1	0	0	1
Skagit	835	413	422	818	0	15	1	0	0	1	0	0	19
Mount Vernon	191	97	94	189	0	1	1	0	0	0	0	0	6
Skamania	64	35	29	62	0	2	0	0	0	0	0	0	0
Snohomish	3,413	1,727	1,685	3,307	23	34	4	7	4	30	0	4	27
Edmonds	343	181	162	333	2	0	0	1	0	5	0	2	3
Everett	760	390	370	736	8	10	2	0	0	3	0	1	6
Lynnwood	286	152	133	275	3	1	0	2	2	3	0	0	3
Marysville	247	120	127	243	0	2	0	0	0	2	0	0	0
Mountlake Terrace	100	48	52	92	1	0	0	0	0	7	0	0	1
Mukilteo	57	29	28	53	0	1	1	1	0	1	0	0	2
Spokane	3,388	1,696	1,692	3,301	42	29	7	1	1	7	0	0	19
Spokane (City)	2,069	1,022	1,047	2,000	36	22	4	1	1	5	0	0	14
Stevens	297	141	156	285	0	12	0	0	0	0	0	0	0
Thurston	1,433	690	743	1,379	14	11	0	3	9	16	0	1	17
Lacey	262	118	144	250	5	1	0	1	2	3	0	0	0
Olympia	455	209	246	435	6	1	0	1	6	5	0	1	6
Wahkiakum	52	29	23	52	0	0	0	0	0	0	0	0	0
Walla Walla	506	254	252	492	7	1	1	2	2	0	0	1	17
Walla Walla (City)	318	152	166	309	7	1	0	1	0	0	0	0	14
Whatcom	1,156	557	599	1,115	4	29	0	0	1	7	0	0	11
Bellingham	590	260	330	572	2	9	0	0	1	6	0	0	4
Whitman	218	104	114	217	0	1	0	0	0	0	0	0	0
Pullman	51	26	25	51	0	0	0	0	0	0	0	0	0
Yakima	1,727	917	810	1,611	14	85	3	2	9	2	0	1	152
Yakima (City)	742	361	381	718	11	6	1	2	1	2	0	1	56

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¹Total includes 2 deaths for which sex is unknown.

²Persons of Hispanic Origin may be of any race. See Appendix A, "Hispanic Origin."

Table 27. Deaths by Age Group by Place of Residence, 1996

County and City	Total	< 1	1-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and Over	Age Unk
State Total	42,248	467	91	166	247	310	938	1,774	2,609	3,872	8,054	12,599	11,115	6
Adams	124	3	0	1	2	1	2	2	13	8	26	33	33	0
Asotin	224	4	0	1	3	1	1	6	10	18	55	56	69	0
Benton	892	13	1	3	5	10	22	37	50	94	168	284	205	0
Kennewick	402	5	1	1	2	5	9	15	28	44	77	123	92	0
Richland	248	5	0	0	0	2	7	10	3	23	37	90	71	0
Chelan	552	5	0	1	1	3	13	20	34	39	103	161	172	0
Wenatchee	276	2	0	0	1	1	4	9	14	15	43	95	92	0
Clallam	766	3	0	2	2	2	11	20	30	73	140	254	229	0
Port Angeles	246	0	0	0	1	1	4	5	13	23	44	82	73	0
Clark	2,096	30	4	6	8	22	37	102	127	213	413	609	525	0
Vancouver	914	14	2	5	4	10	24	51	65	84	169	253	233	0
Columbia	45	0	0	0	0	0	1	1	1	5	10	18	9	0
Cowlitz	924	9	0	4	8	3	11	33	43	94	166	279	274	0
Longview	426	5	0	1	1	1	4	17	13	39	79	130	136	0
Douglas	233	2	3	0	1	4	3	9	15	18	49	65	64	0
Ferry	77	2	0	0	0	1	4	1	15	5	16	24	9	0
Franklin	273	4	1	1	1	4	11	12	15	35	53	79	57	0
Pasco	199	3	1	1	1	2	9	6	11	22	38	58	47	0
Garfield	29	0	0	0	0	0	0	1	0	2	8	7	11	0
Grant	581	10	0	7	8	11	15	27	34	54	116	177	122	0
Grays Harbor	726	4	0	2	3	5	11	35	47	75	152	234	158	0
Aberdeen	216	1	0	1	0	1	4	11	10	18	33	77	60	0
Island	444	4	1	3	3	0	7	15	25	31	99	139	117	0
Oak Harbor	101	2	0	0	2	0	0	3	2	6	26	29	31	0
Jefferson	267	3	0	1	2	1	3	8	23	24	64	74	64	0
King	11,748	118	14	38	52	82	304	588	796	994	2,110	3,471	3,176	5
Auburn	313	2	1	1	1	1	9	12	21	26	72	92	75	0
Bellevue	637	6	1	2	2	6	14	23	32	52	124	193	182	0
Burien	126	2	0	0	0	0	6	4	16	12	22	36	28	0
Des Moines	238	2	1	1	1	0	3	3	8	14	29	59	117	0
Federal Way	429	7	0	1	4	3	12	21	33	48	100	113	87	0
Kent	397	16	1	2	1	6	18	22	33	50	89	96	62	1
Kirkland	320	0	0	0	2	4	9	15	15	25	48	105	97	0
Mercer Island	160	0	0	0	0	0	1	2	8	16	25	52	56	0
Redmond	278	2	0	0	4	3	8	5	15	18	44	85	94	0
Renton	434	5	2	0	2	5	10	24	26	41	88	134	97	0
Sea Tac	85	4	1	1	1	1	2	3	4	14	19	18	17	0
Seattle	5,581	43	5	17	18	31	145	328	377	410	899	1,647	1,657	4
Kitsap	1,570	16	6	6	8	7	28	57	105	156	303	476	402	0
Bainbridge Island	133	0	0	0	0	0	1	3	6	6	17	39	61	0
Bremerton	445	4	3	0	5	3	10	11	23	34	75	139	138	0
Kittitas	237	4	0	2	3	6	2	5	5	22	44	76	68	0

Table 27. Deaths by Age Group by Place of Residence, 1996

County and City	Total	< 1	1-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and Over	Age Unk
Klickitat	175	1	0	0	0	2	4	5	16	23	33	49	42	0
Lewis	702	4	0	3	4	5	14	15	32	66	132	223	204	0
Lincoln	121	2	0	0	2	1	1	2	2	12	16	45	38	0
Mason	518	8	1	2	5	4	13	16	33	46	119	145	126	0
Okanogan	365	1	0	1	3	4	9	17	25	32	73	98	101	1
Pacific	320	2	0	2	3	0	4	10	18	36	72	102	71	0
Pend Oreille	107	1	0	0	0	0	1	7	9	10	26	24	29	0
Pierce	4,944	75	20	32	27	43	119	230	321	497	1,025	1,431	1,124	0
Lakewood	179	3	1	1	1	2	3	12	5	24	43	47	37	0
Puyallup	319	8	0	1	0	4	10	17	18	20	58	88	95	0
Tacoma	1,922	27	5	12	8	16	40	94	115	159	370	581	495	0
University Place	85	0	0	0	2	1	3	3	5	12	18	23	18	0
San Juan	99	0	1	1	0	0	1	5	5	12	23	33	18	0
Skagit	835	9	2	2	4	4	13	25	58	70	160	239	249	0
Mount Vernon	191	2	0	0	1	1	4	5	10	12	35	56	65	0
Skamania	64	1	0	0	1	0	1	2	4	5	14	21	15	0
Snohomish	3,413	44	19	15	22	22	80	140	204	339	673	992	863	0
Edmonds	343	4	0	0	0	0	6	6	14	24	76	117	96	0
Everett	760	15	1	3	3	7	15	32	60	59	141	219	205	0
Lynnwood	286	4	1	1	2	0	10	10	14	34	58	86	66	0
Marysville	247	0	1	1	1	5	7	7	12	15	50	66	82	0
Mountlake Terrace	100	0	1	0	0	1	3	4	4	11	21	29	26	0
Mukilteo	57	1	1	1	1	1	1	1	2	11	5	14	18	0
Spokane	3,388	29	4	6	18	24	66	130	185	303	641	1,033	949	0
Spokane (City)	2,069	23	4	3	8	15	36	81	113	168	371	631	616	0
Stevens	297	4	1	0	0	0	1	10	22	24	48	83	104	0
Thurston	1,433	9	4	4	11	8	29	59	83	137	271	453	365	0
Lacey	262	3	0	0	2	1	4	7	10	18	49	70	98	0
Olympia	455	2	2	0	2	3	8	19	23	32	69	156	139	0
Wahkiakum	52	0	0	0	0	0	0	0	1	6	9	20	16	0
Walla Walla	506	10	0	0	2	3	12	19	30	31	84	151	164	0
Walla Walla (City)	318	4	0	0	1	1	10	14	18	15	48	94	113	0
Whatcom	1,156	6	0	5	11	9	25	44	60	89	194	379	334	0
Bellingham	590	1	0	3	0	4	15	18	28	36	85	195	205	0
Whitman	218	2	1	3	2	1	3	4	13	18	29	69	73	0
Pullman	51	0	1	0	1	1	1	2	4	5	4	18	14	0
Yakima	1,727	25	8	12	22	17	56	55	100	156	317	493	466	0
Yakima (City)	742	17	2	4	12	8	16	24	37	51	115	199	257	0

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Table 28. Deaths by Month of Death by Place of Residence, 1996

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
State Total	42,248	3,807	3,377	3,533	3,349	3,460	3,399	3,484	3,360	3,144	3,521	3,451	4,363
Adams	124	11	11	11	12	11	17	8	10	9	8	7	9
Asotin	224	22	22	17	8	25	23	14	14	16	19	13	31
Benton	892	80	62	66	67	81	74	68	65	73	71	73	112
Kennewick	402	31	23	39	33	41	33	32	26	37	25	37	45
Richland	248	28	20	8	20	21	20	11	22	14	27	18	39
Chelan	552	55	50	49	37	47	34	35	42	49	56	50	48
Wenatchee	276	28	20	26	22	24	21	16	20	30	23	28	18
Clallam	766	63	78	75	58	67	52	66	81	52	51	52	71
Port Angeles	246	23	18	24	17	25	21	20	23	24	17	10	24
Clark	2,096	202	142	177	154	152	193	191	167	140	178	191	209
Vancouver	914	84	58	80	66	70	78	87	79	63	73	84	92
Columbia	45	4	1	3	5	3	2	4	4	3	4	6	6
Cowlitz	924	111	82	67	73	78	75	66	62	65	79	74	92
Longview	426	44	38	37	33	33	34	32	30	29	40	33	43
Douglas	233	18	15	21	17	18	20	20	26	22	23	17	16
Ferry	77	5	6	7	8	8	7	8	5	4	4	7	8
Franklin	273	16	17	23	28	29	20	23	21	23	17	28	28
Pasco	199	14	11	20	22	20	15	17	15	19	14	18	14
Garfield	29	2	2	0	3	3	0	0	1	3	3	5	7
Grant	581	47	48	48	57	53	47	42	48	36	51	49	55
Grays Harbor	726	64	64	65	52	59	64	61	55	55	52	66	69
Aberdeen	216	16	16	29	18	19	17	14	13	17	15	20	22
Island	444	29	33	43	31	32	33	40	38	49	36	34	46
Oak Harbor	101	5	9	9	10	7	7	9	9	12	5	7	12
Jefferson	267	35	22	20	24	22	18	19	19	24	19	18	27
King	11,748	997	932	986	955	961	911	991	918	855	1,011	971	1,260
Auburn	313	29	19	23	24	37	27	31	21	14	24	33	31
Bellevue	637	54	58	61	51	53	49	44	51	31	58	60	67
Burien	126	12	8	9	12	14	10	13	11	5	9	9	14
Des Moines	238	23	11	17	16	26	15	28	14	19	19	24	26
Federal Way	429	38	22	30	40	53	36	39	30	27	39	31	44
Kent	397	24	27	34	33	33	33	36	29	42	34	32	40
Kirkland	320	28	16	27	27	23	21	27	34	19	32	33	33
Mercer Island	160	14	9	19	8	11	12	17	8	20	13	13	16
Redmond	278	29	17	20	19	24	26	26	22	20	27	15	33
Renton	434	33	31	33	28	37	34	48	28	36	50	34	42
Sea Tac	85	6	11	5	11	7	2	5	7	6	7	9	9
Seattle	5,581	470	468	456	459	435	427	471	445	413	492	443	602
Kitsap	1,570	130	157	129	137	134	113	134	114	122	117	119	164
Bainbridge Island	133	7	14	9	16	12	9	11	11	4	9	12	19
Bremerton	445	33	49	36	44	35	26	34	29	44	34	34	47
Kittitas	237	17	25	17	19	23	19	24	20	16	19	15	23

Table 28. Deaths by Month of Death by Place of Residence, 1996

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Klickitat	175	23	10	15	9	14	13	8	13	17	16	20	17
Lewis	702	63	60	66	68	58	52	55	56	45	48	50	81
Lincoln	121	14	5	10	13	7	7	13	11	6	10	13	12
Mason	518	48	39	55	38	39	42	35	43	44	37	42	56
Okanogan	365	31	30	28	31	21	33	23	31	26	38	27	46
Pacific	320	30	14	31	28	23	28	24	23	31	30	26	32
Pend Oreille	107	12	14	8	6	12	7	8	5	7	8	12	8
Pierce	4,944	475	408	402	361	424	412	430	384	362	391	394	501
Lakewood	179	4	0	5	11	10	14	19	13	21	12	25	45
Puyallup	319	42	26	16	23	20	27	31	21	19	35	24	35
Tacoma	1,922	165	158	168	152	174	152	173	151	134	150	149	196
University Place	85	6	3	5	6	6	8	5	5	7	10	11	13
San Juan	99	11	12	12	8	7	8	6	10	6	3	5	11
Skagit	835	68	59	75	58	65	64	72	70	68	67	66	103
Mount Vernon	191	10	14	24	13	15	12	20	15	13	17	17	21
Skamania	64	5	4	6	4	6	5	4	3	6	5	10	6
Snohomish	3,413	260	254	286	283	302	281	299	299	252	270	286	341
Edmonds	343	25	28	20	25	30	34	30	27	33	19	32	40
Everett	760	49	48	71	59	70	60	73	75	57	63	64	71
Lynnwood	286	20	23	21	29	29	20	25	20	17	20	29	33
Marysville	247	21	21	18	21	27	12	24	25	18	16	14	30
Mountlake Terrace	100	5	9	5	10	10	18	8	7	7	9	4	8
Mukilteo	57	3	4	4	2	7	5	3	7	3	5	10	4
Spokane	3,388	340	294	277	258	278	284	260	267	264	271	266	329
Spokane (City)	2,069	212	177	167	148	160	164	163	172	158	170	159	219
Stevens	297	36	21	25	27	27	28	12	17	21	39	21	23
Thurston	1,433	112	128	116	99	102	127	123	130	103	120	123	150
Lacey	262	21	18	20	17	22	21	23	21	15	29	26	29
Olympia	455	39	42	40	33	31	41	35	42	29	29	43	51
Wahkiakum	52	9	4	3	2	3	5	6	4	1	4	5	6
Walla Walla	506	48	34	43	48	42	38	38	37	33	49	38	58
Walla Walla (City)	318	33	19	24	26	20	22	29	28	20	32	29	36
Whatcom	1,156	125	83	101	101	84	100	86	91	84	110	86	105
Bellingham	590	60	42	53	50	39	61	42	52	48	57	38	48
Whitman	218	23	16	19	17	13	10	24	19	16	19	14	28
Pullman	51	2	2	4	6	2	4	11	1	4	6	3	6
Yakima	1,727	166	119	131	145	127	133	144	137	136	168	152	169
Yakima (City)	742	86	55	51	62	58	48	62	68	59	58	68	67

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Table 29a. Deaths by Selected Disease Conditions by Place of Residence, 1996

County and City	Infectious and Parasitic Diseases		Diabetes Mellitus		Alcoholism		Diseases of the Heart		Cerebrovascular Disease	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
State Total	893	16.2	1,192	21.6	102	1.8	11,794	213.8	3,540	64.2
Adams	0	—*	10	64.9	0	—*	30	194.8	16	103.9
Asotin	2	10.2	7	35.7	0	—*	59	301.0	31	158.2
Benton	19	14.5	21	16.0	1	—*	249	190.1	81	61.8
Kennewick	8	16.7	12	25.0	0	—*	116	241.6	35	72.9
Richland	5	13.9	3	—*	0	—*	70	194.5	22	61.1
Chelan	4	—*	21	34.3	3	—*	147	239.8	50	81.6
Wenatchee	1	—*	12	48.6	3	—*	80	324.0	29	117.5
Clallam	13	20.0	19	29.2	0	—*	227	349.2	73	112.3
Port Angeles	6	31.9	8	42.6	0	—*	75	399.1	26	138.4
Clark	30	9.9	88	29.0	9	3.0	585	192.8	149	49.1
Vancouver	15	22.2	38	56.3	5	7.4	243	360.3	61	90.4
Columbia	0	—*	5	119.0	0	—*	13	309.5	1	—*
Cowlitz	15	16.5	18	19.8	0	—*	316	348.0	80	88.1
Longview	4	—*	10	29.7	0	—*	133	395.2	43	127.8
Douglas	5	16.4	6	19.7	1	—*	57	187.5	17	55.9
Ferry	1	—*	1	—*	0	—*	20	277.8	8	111.1
Franklin	6	13.7	8	18.3	0	—*	70	160.2	30	68.6
Pasco	3	—*	7	31.3	0	—*	54	241.4	23	102.8
Garfield	2	—*	0	—*	0	—*	11	458.3	2	—*
Grant	10	15.1	18	27.1	1	—*	187	281.6	47	70.8
Grays Harbor	10	14.7	12	17.6	4	—*	195	285.9	74	108.5
Aberdeen	2	—*	4	—*	1	—*	49	293.4	27	161.7
Island	5	7.1	13	18.5	2	—*	136	193.5	39	55.5
Oak Harbor	0	—*	4	—*	0	—*	37	189.5	5	25.6
Jefferson	3	—*	12	46.7	0	—*	66	256.8	17	66.1
King	390	23.9	318	19.5	20	1.2	3,148	193.3	935	57.4
Auburn	10	27.7	9	24.9	1	—*	80	221.4	18	49.8
Bellevue	7	6.8	10	9.6	0	—*	164	158.1	61	58.8
Burien	5	18.0	4	—*	0	—*	27	97.0	11	39.5
Des Moines	1	—*	3	—*	0	—*	77	334.5	20	86.9
Federal Way	9	12.0	14	18.6	0	—*	101	134.2	25	33.2
Kent	9	14.9	7	11.6	1	—*	113	187.1	20	33.1
Kirkland	4	—*	5	11.6	1	—*	93	215.5	23	53.3
Mercer Island	4	—*	4	—*	0	—*	43	200.1	14	65.1
Redmond	8	19.6	7	17.2	0	—*	75	183.8	19	46.6
Renton	6	13.3	15	33.2	0	—*	107	236.9	37	81.9
Sea Tac	3	—*	6	26.0	0	—*	22	95.2	5	21.6
Seattle	281	52.6	158	29.5	13	2.4	1,526	285.4	475	88.8
Kitsap	28	12.5	43	19.1	2	—*	417	185.6	134	59.6
Bainbridge Island	1	—*	2	—*	0	—*	41	221.3	9	48.6
Bremerton	12	31.3	15	39.1	0	—*	122	318.0	39	101.6
Kittitas	0	—*	8	26.0	0	—*	59	191.6	17	55.2

Table 29a. Deaths by Selected Disease Conditions by Place of Residence, 1996

County and City	Infectious and Parasitic Diseases		Diabetes Mellitus		Alcoholism		Diseases of the Heart		Cerebrovascular Disease	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Klickitat	0	—*	2	—*	0	—*	51	272.7	15	80.2
Lewis	6	9.0	15	22.5	1	—*	239	358.3	86	128.9
Lincoln	0	—*	1	—*	0	—*	38	387.8	14	142.9
Mason	6	12.8	8	17.1	3	—*	138	295.5	40	85.7
Okanogan	2	—*	9	24.0	4	—*	103	274.7	30	80.0
Pacific	6	28.4	11	52.1	1	—*	95	450.2	20	94.8
Pend Oreille	3	—*	6	54.1	1	—*	29	261.3	11	99.1
Pierce	100	15.0	136	20.4	12	1.8	1,419	213.3	385	57.9
Lakewood	0	—*	8	12.7	0	—*	60	95.6	14	22.3
Puyallup	7	24.4	6	20.9	0	—*	103	359.4	19	66.3
Tacoma	50	27.0	57	30.8	5	2.7	549	296.8	152	82.2
University Place	4	—*	3	—*	0	—*	20	69.6	6	20.9
San Juan	1	—*	1	—*	1	—*	22	177.4	7	56.5
Skagit	17	17.8	23	24.1	1	—*	208	217.8	70	73.3
Mount Vernon	7	32.1	5	22.9	0	—*	37	169.6	17	77.9
Skamania	3	—*	1	—*	0	—*	19	193.9	4	—*
Snohomish	60	11.2	103	19.1	7	1.3	952	176.9	313	58.2
Edmonds	5	14.1	8	22.5	1	—*	89	250.8	35	98.6
Everett	13	15.9	22	26.9	2	—*	230	281.1	68	83.1
Lynnwood	3	—*	10	30.8	1	—*	89	274.5	15	46.3
Marysville	4	—*	4	—*	0	—*	70	383.8	18	98.7
Mountlake Terrace	2	—*	1	—*	0	—*	18	89.3	14	69.4
Mukilteo	0	—*	3	—*	0	—*	15	97.2	5	32.4
Spokane	46	11.3	85	20.9	7	1.7	939	231.0	293	72.1
Spokane (City)	34	18.1	47	25.0	2	—*	567	302.1	183	97.5
Stevens	1	—*	10	27.3	1	—*	88	240.4	28	76.5
Thurston	22	11.4	45	23.3	6	3.1	400	207.1	107	55.4
Lacey	5	19.1	11	42.0	0	—*	84	321.0	18	68.8
Olympia	8	21.1	11	29.0	2	—*	118	310.9	31	81.7
Wahkiakum	0	—*	1	—*	0	—*	21	552.6	2	—*
Walla Walla	13	24.3	14	26.2	1	—*	143	267.8	47	88.0
Walla Walla (City)	9	31.1	9	31.1	0	—*	93	321.5	29	100.2
Whatcom	29	19.0	30	19.6	2	—*	332	217.3	106	69.4
Bellingham	15	25.1	17	28.4	0	—*	161	269.1	62	103.6
Whitman	1	—*	8	19.5	3	—*	71	173.2	24	58.5
Pullman	0	—*	4	—*	1	—*	15	60.9	2	—*
Yakima	34	16.4	55	26.5	8	3.9	495	238.4	137	66.0
Yakima (City)	15	23.9	24	38.3	2	—*	195	311.2	68	108.5

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¹Rates per 100,000 population

NOTE: Source for Selected Disease Conditions is International Classification of Diseases (Ninth Revision): Infectious and Parasitic Diseases (ICD 001-139); Diabetes Mellitus (ICD 250); Alcoholism (ICD 303); Diseases of the Heart (ICD 390-398, 402, 404-429); Cerebrovascular Disease (ICD 430-438)

*Rate not calculated because number of deaths was less than 5.

Table 29b. Deaths by Selected Disease Conditions by Place of Residence, 1996

County and City	General Arteriosclerosis		Pneumonia and Influenza		Chronic Obstructive Pulmonary Diseases		Chronic Liver Disease and Cirrhosis		Nephritis, Nephrotic Syndrome, Nephrosis	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
State Total	360	6.5	1,650	29.9	2,260	41.0	475	8.6	201	3.6
Adams	1	--*	3	--*	7	45.5	2	--*	1	--*
Asotin	2	--*	11	56.1	9	45.9	1	--*	2	--*
Benton	4	--*	34	26.0	51	38.9	11	8.4	10	7.6
Kennewick	3	--*	7	14.6	27	56.2	8	16.7	3	--*
Richland	1	--*	18	50.0	10	27.8	2	--*	4	--*
Chelan	2	--*	24	39.2	37	60.4	2	--*	4	--*
Wenatchee	1	--*	11	44.6	22	89.1	0	--*	1	--*
Clallam	7	10.8	48	73.8	29	44.6	7	10.8	3	--*
Port Angeles	4	--*	20	106.4	12	63.9	1	--*	1	--*
Clark	12	4.0	85	28.0	112	36.9	14	4.6	3	--*
Vancouver	5	7.4	43	63.8	47	69.7	6	8.9	2	--*
Columbia	0	--*	1	--*	3	--*	0	--*	0	--*
Cowlitz	6	6.6	38	41.9	40	44.1	11	12.1	2	--*
Longview	4	--*	24	71.3	18	53.5	1	--*	1	--*
Douglas	0	--*	13	42.8	15	49.3	2	--*	0	--*
Ferry	0	--*	1	--*	4	--*	1	--*	0	--*
Franklin	1	--*	9	20.6	18	41.2	4	--*	2	--*
Pasco	1	--*	8	35.8	13	58.1	4	--*	1	--*
Garfield	1	--*	2	--*	3	--*	0	--*	0	--*
Grant	0	--*	22	33.1	41	61.7	2	--*	3	--*
Grays Harbor	1	--*	20	29.3	57	83.6	8	11.7	4	--*
Aberdeen	1	--*	6	35.9	18	107.8	4	--*	2	--*
Island	0	--*	10	14.2	25	35.6	2	--*	2	--*
Oak Harbor	0	--*	3	--*	8	41.0	0	--*	0	--*
Jefferson	2	--*	14	54.5	15	58.4	2	--*	0	--*
King	83	5.1	470	28.9	564	34.6	122	7.5	57	3.5
Auburn	1	--*	16	44.3	21	58.1	7	19.4	2	--*
Bellevue	8	7.7	33	31.8	33	31.8	3	--*	3	--*
Burien	1	--*	6	21.6	4	--*	0	--*	0	--*
Des Moines	5	21.7	10	43.4	6	26.1	0	--*	1	--*
Federal Way	4	--*	22	29.2	24	31.9	4	--*	1	--*
Kent	3	--*	15	24.8	16	26.5	7	11.6	2	--*
Kirkland	6	13.9	12	27.8	7	16.2	6	13.9	2	--*
Mercer Island	1	--*	8	37.2	6	27.9	1	--*	0	--*
Redmond	5	12.3	15	36.8	19	46.6	1	--*	4	--*
Renton	3	--*	19	42.1	24	53.1	3	--*	2	--*
Sea Tac	1	--*	0	--*	2	--*	0	--*	2	--*
Seattle	30	5.6	224	41.9	262	49.0	68	12.7	28	5.2
Kitsap	2	--*	54	24.0	99	44.1	19	8.5	6	2.7
Bainbridge Island	0	--*	8	43.2	5	27.0	0	--*	1	--*
Bremerton	2	--*	11	28.7	33	86.0	6	15.6	3	--*
Kittitas	2	--*	12	39.0	15	48.7	2	--*	0	--*

Table 29b. Deaths by Selected Disease Conditions by Place of Residence, 1996

County and City	General Arteriosclerosis		Pneumonia and Influenza		Chronic Obstructive Pulmonary Diseases		Chronic Liver Disease and Cirrhosis		Nephritis, Nephrotic Syndrome, Nephrosis	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Klickitat	3	—*	8	42.8	10	53.5				
Lewis	10	15.0	17	25.5	29	43.5	3	—*	1	—*
Lincoln	1	—*	5	51.0	4	—*	10	15.0	4	—*
Mason	0	—*	16	34.3	28	60.0	0	—*	1	—*
Okanogan	2	—*	20	53.3	14	37.3	4	—*	4	—*
Pacific	2	—*	12	56.9	20	94.8	9	24.0	1	—*
Pend Oreille	0	—*	3	—*	5	45.0	4	—*	2	—*
Pierce	92	13.8	149	22.4	304	45.7	1	—*	0	—*
Lakewood	0	—*	9	14.3	5	8.0	54	8.1	24	3.6
Puyallup	28	97.7	10	34.9	10	34.9	0	—*	0	—*
Tacoma	30	16.2	64	34.6	126	68.1	3	—*	4	—*
University Place	0	—*	3	—*	4	—*	24	13.0	7	3.8
San Juan	2	—*	4	—*	5	40.3	1	—*	0	—*
Skagit	10	10.5	40	41.9	42	44.0	2	—*	1	—*
Mount Vernon	3	—*	13	59.6	9	41.2	9	9.4	8	8.4
Skamania	1	—*	1	—*	7	71.4	1	—*	3	—*
Snohomish	13	2.4	130	24.2	159	29.5	1	—*	1	—*
Edmonds	2	—*	15	42.3	13	36.6	52	9.7	12	2.2
Everett	0	—*	29	35.4	37	45.2	5	14.1	1	—*
Lynnwood	0	—*	7	21.6	12	37.0	15	18.3	0	—*
Marysville	2	—*	9	49.3	11	60.3	4	—*	0	—*
Mountlake Terrace	0	—*	6	29.8	11	54.6	2	—*	2	—*
Mukilteo	0	—*	0	—*	2	—*	2	—*	0	—*
Spokane	57	14.0	174	42.8	209	51.4	1	—*	0	—*
Spokane (City)	42	22.4	110	58.6	119	63.4	56	13.8	13	3.2
Stevens	0	—*	13	35.5	15	41.0	35	18.6	7	3.7
Thurston	6	3.1	41	21.2	90	46.6	4	—*	2	—*
Lacey	0	—*	9	34.4	10	38.2	12	6.2	7	3.6
Olympia	1	—*	20	52.7	35	92.2	1	—*	1	—*
Wahkiakum	0	—*	3	—*	4	—*	3	—*	4	—*
Walla Walla	10	18.7	19	35.6	24	44.9	0	—*	0	—*
Walla Walla (City)	4	—*	15	51.8	15	51.8	5	9.4	3	—*
Whatcom	8	5.2	46	30.1	55	36.0	1	—*	2	—*
Bellingham	2	—*	23	38.4	21	35.1	15	9.8	5	3.3
Whitman	1	—*	5	12.2	21	51.2	9	15.0	2	—*
Pullman	0	—*	2	—*	6	24.3	1	—*	1	—*
Yakima	16	7.7	73	35.2	71	34.2	0	—*	0	—*
Yakima (City)	12	19.1	31	49.5	31	49.5	21	10.1	12	5.8
							7	11.2	6	9.6

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¹Rates per 100,000 population

NOTE: Source for Selected Disease Conditions is International Classification of Diseases (Ninth Revision): General Arteriosclerosis (ICD 440); Pneumonia and Influenza (ICD 480-487); Chronic Obstructive Pulmonary Diseases (ICD 490-496); Chronic Liver Disease and Cirrhosis (ICD 571); Nephritis, Nephrotic Syndrome, Nephrosis (ICD 580-589)

*Rate not calculated because number of deaths was less than 5.

Table 30a. Deaths Due to Malignant Neoplasm by Primary Site by Place of Residence, 1996

County and City	Malignant Neoplasms Total All Sites		Lip, Oral Cavity and Pharynx		Digestive Organs and Peritoneum		Respiratory and Intrathoracic Organs		Genital Organs	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
State Total	10,162	184.2	130	2.4	2,395	43.4	3,059	55.4	1,152	20.9
Adams	27	175.3	0	—*	9	58.4	7	45.5	4	—*
Asotin	45	229.6	0	—*	5	25.5	18	91.8	4	—*
Benton	212	161.8	1	—*	60	45.8	67	51.1	24	18.3
Kennewick	94	195.8	0	—*	25	52.1	34	70.8	9	18.7
Richland	58	161.2	0	—*	16	44.5	12	33.3	12	33.3
Chelan	136	221.9	0	—*	35	57.1	36	58.7	24	39.2
Wenatchee	58	234.9	0	—*	11	44.6	14	56.7	13	52.7
Clallam	191	293.8	4	—*	36	55.4	55	84.6	24	36.9
Port Angeles	49	260.8	1	—*	10	53.2	13	69.2	5	26.6
Clark	513	169.0	7	2.3	120	39.5	155	51.1	59	19.4
Vancouver	220	326.2	3	—*	53	78.6	66	97.9	21	31.1
Columbia	15	357.1	0	—*	3	—*	7	166.7	0	—*
Cowlitz	208	229.1	5	5.5	50	55.1	61	67.2	26	28.6
Longview	93	276.4	2	—*	16	47.5	30	89.2	15	44.6
Douglas	56	184.2	0	—*	17	55.9	17	55.9	3	—*
Ferry	23	319.4	0	—*	11	152.8	6	83.3	1	—*
Franklin	71	162.5	0	—*	23	52.6	26	59.5	4	—*
Pasco	48	214.6	0	—*	14	62.6	19	84.9	3	—*
Garfield	6	250.0	0	—*	2	—*	3	—*	0	—*
Grant	112	168.7	5	7.5	26	39.2	35	52.7	14	21.1
Grays Harbor	185	271.3	1	—*	39	57.2	68	99.7	18	26.4
Aberdeen	52	311.4	1	—*	10	59.9	21	125.7	4	—*
Island	104	147.9	2	—*	25	35.6	33	46.9	11	15.6
Oak Harbor	21	107.5	1	—*	3	—*	9	46.1	3	—*
Jefferson	78	303.5	3	—*	15	58.4	22	85.6	12	46.7
King	2,892	177.6	36	2.2	719	44.1	782	48.0	339	20.8
Auburn	84	232.5	1	—*	19	52.6	27	74.7	9	24.9
Bellevue	170	163.9	2	—*	48	46.3	42	40.5	18	17.4
Burien	32	115.0	0	—*	5	18.0	9	32.3	2	—*
Des Moines	53	230.2	2	—*	16	69.5	17	73.8	5	21.7
Federal Way	124	164.8	2	—*	32	42.5	33	43.9	15	19.9
Kent	109	180.5	0	—*	22	36.4	34	56.3	15	24.8
Kirkland	87	201.6	0	—*	21	48.7	17	39.4	11	25.5
Mercer Island	43	200.1	0	—*	10	46.5	6	27.9	7	32.6
Redmond	62	151.9	0	—*	21	51.5	19	46.6	7	17.2
Renton	108	239.1	0	—*	29	64.2	30	66.4	8	17.7
Sea Tac	22	95.2	1	—*	7	30.3	5	21.6	1	—*
Seattle	1,231	230.2	22	4.1	306	57.2	326	61.0	149	27.9
Kitsap	401	178.5	8	3.6	73	32.5	136	60.5	42	18.7
Bainbridge Island	32	172.7	1	—*	6	32.4	5	27.0	3	—*
Bremerton	98	255.4	0	—*	21	54.7	34	88.6	11	28.7
Kittitas	52	168.8	0	—*	11	35.7	18	58.4	2	—*

Table 30a. Deaths Due to Malignant Neoplasm by Primary Site by Place of Residence, 1996

County and City	Malignant Neoplasms Total All Sites		Lip, Oral Cavity and Pharynx		Digestive Organs and Peritoneum		Respiratory and Intrathoracic Organs		Genital Organs	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Klickitat	39	208.6	0	—*	11	58.8	16	85.6	2	—*
Lewis	153	229.4	3	—*	37	55.5	44	66.0	17	25.5
Lincoln	26	265.3	1	—*	5	51.0	7	71.4	1	—*
Mason	120	257.0	0	—*	21	45.0	45	96.4	12	25.7
Okanogan	85	226.7	0	—*	19	50.7	25	66.7	10	26.7
Pacific	77	364.9	4	—*	20	94.8	16	75.8	10	47.4
Pend Oreille	27	243.2	1	—*	5	45.0	6	54.1	1	—*
Pierce	1,182	177.7	11	1.7	283	42.5	389	58.5	128	19.2
Lakewood	50	79.6	0	—*	20	31.9	13	20.7	4	—*
Puyallup	65	226.8	0	—*	14	48.8	20	69.8	9	31.4
Tacoma	413	223.2	3	—*	111	60.0	122	65.9	46	24.9
University Place	18	62.6	0	—*	6	20.9	7	24.3	0	—*
San Juan	29	233.9	1	—*	8	64.5	9	72.6	2	—*
Skagit	207	216.8	0	—*	47	49.2	63	66.0	23	24.1
Mount Vernon	43	197.1	0	—*	10	45.8	17	77.9	3	—*
Skamania	15	153.1	0	—*	5	51.0	3	—*	3	—*
Snohomish	860	159.8	16	3.0	195	36.2	270	50.2	96	17.8
Edmonds	98	276.2	1	—*	28	78.9	27	76.1	13	36.6
Everett	178	217.6	2	—*	34	41.6	54	66.0	25	30.6
Lynnwood	78	240.6	0	—*	23	70.9	22	67.9	8	24.7
Marysville	73	400.2	4	—*	15	82.2	27	148.0	10	54.8
Mountlake Terrace	24	119.0	0	—*	4	—*	11	54.6	2	—*
Mukilteo	14	90.7	1	—*	2	—*	3	—*	2	—*
Spokane	791	194.6	7	1.7	179	44.0	236	58.1	84	20.7
Spokane (City)	475	253.1	7	3.7	111	59.1	135	71.9	47	25.0
Stevens	63	172.1	3	—*	20	54.6	18	49.2	3	—*
Thurston	369	191.1	3	—*	75	38.8	126	65.3	49	25.4
Lacey	58	221.6	2	—*	9	34.4	16	61.1	10	38.2
Olympia	109	287.1	0	—*	20	52.7	34	89.6	25	65.9
Wahkiakum	11	289.5	0	—*	2	—*	4	—*	2	—*
Walla Walla	97	181.6	4	—*	19	35.6	28	52.4	15	28.1
Walla Walla (City)	60	207.4	3	—*	12	41.5	18	62.2	8	27.7
Whatcom	258	168.8	0	—*	69	45.2	69	45.2	29	19.0
Bellingham	131	218.9	0	—*	36	60.2	34	56.8	13	21.7
Whitman	39	95.1	0	—*	6	14.6	6	14.6	6	14.6
Pullman	9	36.5	0	—*	3	—*	3	—*	1	—*
Yakima	387	186.4	4	—*	90	43.4	127	61.2	48	23.1
Yakima (City)	157	250.5	1	—*	42	67.0	51	81.4	17	27.1

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¹Rates per 100,000 population

NOTE: Source for Malignant Neoplasm by Primary Site is International Classification of Diseases (Ninth Revision): Malignant Neoplasms, Total All Sites (ICD 140-208); Lip, Oral Cavity and Pharynx (ICD 140-149); Digestive Organs and Peritoneum (ICD 150-159); Respiratory and Intrathoracic Organs (ICD 160-165); Genital Organs (ICD 179-187)

*Rate not calculated because number of deaths was less than 5.

Table 30b. Deaths Due to Malignant Neoplasm by Primary Site by Place of Residence, 1996

County and City	Urinary Organs		Skin		Breast		Lymphatic and Hematopoietic Tissue		Other and Unspecified Primary Sites	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
State Total	437	7.9	184	3.3	789	14.3	1,100	19.9	916	16.6
Adams	1	—*	1	—*	0	—*	1	—*	4	—*
Asotin	1	—*	1	—*	3	—*	4	—*	9	45.9
Benton	8	6.1	4	—*	14	10.7	21	16.0	13	9.9
Kennewick	2	—*	2	—*	6	12.5	10	20.8	6	12.5
Richland	4	—*	2	—*	6	16.7	3	—*	3	—*
Chelan	4	—*	3	—*	9	14.7	17	27.7	8	13.1
Wenatchee	2	—*	2	—*	5	20.3	8	32.4	3	—*
Clallam	12	18.5	4	—*	10	15.4	30	46.2	16	24.6
Port Angeles	3	—*	2	—*	2	—*	11	58.5	2	—*
Clark	27	8.9	10	3.3	29	9.6	56	18.5	50	16.5
Vancouver	11	16.3	8	11.9	13	19.3	19	28.2	26	38.5
Columbia	0	—*	1	—*	2	—*	0	—*	2	—*
Cowlitz	13	14.3	4	—*	13	14.3	12	13.2	24	26.4
Longview	5	14.9	1	—*	7	20.8	4	—*	13	38.6
Douglas	2	—*	0	—*	6	19.7	8	26.3	3	—*
Ferry	0	—*	1	—*	0	—*	4	—*	0	—*
Franklin	2	—*	0	—*	2	—*	11	25.2	3	—*
Pasco	2	—*	0	—*	1	—*	6	26.8	3	—*
Garfield	0	—*	0	—*	1	—*	0	—*	0	—*
Grant	2	—*	3	—*	8	12.0	11	16.6	8	12.0
Grays Harbor	10	14.7	5	7.3	8	11.7	24	35.2	12	17.6
Aberdeen	3	—*	4	—*	3	—*	2	—*	4	—*
Island	9	12.8	1	—*	4	—*	7	10.0	12	17.1
Oak Harbor	2	—*	0	—*	0	—*	1	—*	2	—*
Jefferson	5	19.5	0	—*	4	—*	11	42.8	6	23.3
King	118	7.2	46	2.8	273	16.8	309	19.0	270	16.6
Auburn	3	—*	2	—*	6	16.6	7	19.4	10	27.7
Bellevue	6	5.8	2	—*	13	12.5	23	22.2	16	15.4
Burien	2	—*	0	—*	7	25.2	3	—*	4	—*
Des Moines	2	—*	0	—*	3	—*	4	—*	4	—*
Federal Way	6	8.0	3	—*	10	13.3	13	17.3	10	13.3
Kent	5	8.3	3	—*	6	9.9	13	21.5	11	18.2
Kirkland	3	—*	3	—*	15	34.8	8	18.5	9	20.9
Mercer Island	1	—*	1	—*	6	27.9	5	23.3	7	32.6
Redmond	1	—*	0	—*	6	14.7	3	—*	5	12.3
Renton	7	15.5	0	—*	9	19.9	13	28.8	12	26.6
Sea Tac	1	—*	0	—*	2	—*	2	—*	3	—*
Seattle	48	9.0	23	4.3	119	22.3	127	23.8	111	20.8
Kitsap	12	5.3	6	2.7	39	17.4	50	22.3	35	15.6
Bainbridge Island	1	—*	2	—*	5	27.0	4	—*	5	27.0
Bremerton	4	—*	1	—*	10	26.1	9	23.5	8	20.8
Kittitas	4	—*	1	—*	4	—*	6	19.5	6	19.5

Table 30b. Deaths Due to Malignant Neoplasm by Primary Site by Place of Residence, 1996

County and City	Urinary Organs		Skin		Breast		Lymphatic and Hematopoietic Tissue		Other and Unspecified Primary Sites	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Klickitat	1	—*	0	—*	5	26.7	2	—*	2	—*
Lewis	9	13.5	1	—*	15	22.5	19	28.5	8	12.0
Lincoln	2	—*	0	—*	3	—*	5	51.0	2	—*
Mason	5	10.7	4	—*	5	10.7	20	42.8	8	17.1
Okanogan	1	—*	0	—*	6	16.0	11	29.3	13	34.7
Pacific	2	—*	1	—*	4	—*	10	47.4	10	47.4
Pend Oreille	0	—*	2	—*	2	—*	6	54.1	4	—*
Pierce	49	7.4	21	3.2	84	12.6	126	18.9	91	13.7
Lakewood	4	—*	1	—*	2	—*	1	—*	5	8.0
Puyallup	1	—*	0	—*	6	20.9	11	38.4	4	—*
Tacoma	12	6.5	7	3.8	30	16.2	46	24.9	36	19.5
University Place	0	—*	1	—*	3	—*	1	—*	0	—*
San Juan	0	—*	1	—*	2	—*	2	—*	4	—*
Skagit	8	8.4	4	—*	11	11.5	25	26.2	26	27.2
Mount Vernon	2	—*	1	—*	2	—*	3	—*	5	22.9
Skamania	0	—*	0	—*	1	—*	1	—*	2	—*
Snohomish	30	5.6	13	2.4	69	12.8	86	16.0	85	15.8
Edmonds	3	—*	0	—*	5	14.1	13	36.6	8	22.5
Everett	6	7.3	1	—*	14	17.1	16	19.6	26	31.8
Lynnwood	5	15.4	0	—*	5	15.4	11	33.9	4	—*
Marysville	3	—*	1	—*	5	27.4	3	—*	5	27.4
Mountlake Terrace	1	—*	1	—*	2	—*	3	—*	0	—*
Mukilteo	0	—*	0	—*	2	—*	4	—*	0	—*
Spokane	47	11.6	18	4.4	56	13.8	82	20.2	82	20.2
Spokane (City)	31	16.5	6	3.2	34	18.1	51	27.2	53	28.2
Stevens	1	—*	2	—*	5	13.7	7	19.1	4	—*
Thurston	11	5.7	9	4.7	29	15.0	38	19.7	29	15.0
Lacey	0	—*	0	—*	8	30.6	8	30.6	5	19.1
Olympia	8	21.1	2	—*	8	21.1	7	18.4	5	13.2
Wahkiakum	0	—*	0	—*	2	—*	0	—*	1	—*
Walla Walla	5	9.4	1	—*	9	16.9	5	9.4	11	20.6
Walla Walla (City)	5	17.3	0	—*	4	—*	2	—*	8	27.7
Whatcom	16	10.5	7	4.6	20	13.1	27	17.7	21	13.7
Bellingham	10	16.7	5	8.4	10	16.7	11	18.4	12	20.1
Whitman	2	—*	1	—*	6	14.6	9	22.0	3	—*
Pullman	1	—*	0	—*	1	—*	0	—*	0	—*
Yakima	18	8.7	8	3.9	26	12.5	37	17.8	29	14.0
Yakima (City)	4	—*	3	—*	13	20.7	17	27.1	9	14.4

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¹Rates per 100,000 population.

NOTE: Source for Malignant Neoplasm by Primary Site is International Classification of Diseases (Ninth Revision): Urinary Organs (ICD 188-189); Skin (ICD 172-173); Breast (ICD 174-175); Lymphatic and Hematopoietic Tissue (ICD 200-208); Other and Unspecified (ICD 170-171, 190-199)

*Rate not calculated because number of deaths was less than 5.

**Table 31. Deaths Due to Human Immunodeficiency Virus by Sex
by Place of Residence, 1996**

County and City	Total		Male	Female
	Number	Rate ¹		
State Total	400	7.3	368	32
Adams	0	—*	0	0
Asotin	0	—*	0	0
Benton	2	—*	1	1
Kennewick	2	—*	1	1
Richland	0	—*	0	0
Chelan	2	—*	2	0
Wenatchee	0	—*	0	0
Clallam	2	—*	2	0
Port Angeles	1	—*	1	0
Clark	12	4.0	12	0
Vancouver	7	10.4	7	0
Columbia	0	—*	0	0
Cowlitz	5	5.5	5	0
Longview	2	—*	2	0
Douglas	0	—*	0	0
Ferry	0	—*	0	0
Franklin	1	—*	1	0
Pasco	0	—*	0	0
Garfield	0	—*	0	0
Grant	2	—*	1	1
Grays Harbor	0	—*	0	0
Aberdeen	0	—*	0	0
Island	3	—*	2	1
Oak Harbor	0	—*	0	0
Jefferson	3	—*	3	0
King	238	14.6	225	13
Auburn	4	—*	3	1
Bellevue	2	—*	1	1
Burien	2	—*	2	0
Des Moines	0	—*	0	0
Federal Way	2	—*	2	0
Kent	1	—*	1	0
Kirkland	3	—*	2	1
Mercer Island	1	—*	1	0
Redmond	3	—*	3	0
Renton	2	—*	2	0
Sea Tac	1	—*	1	0
Seattle	201	37.6	193	8
Kitsap	6	2.7	6	0
Bainbridge Island	0	—*	0	0
Bremerton	3	—*	3	0
Kittitas	0	—*	0	0

**Table 31. Deaths Due to Human Immunodeficiency Virus by Sex
by Place of Residence, 1996**

County and City	Total		Male	Female
	Number	Rate ¹		
Klickitat	0	—*	0	0
Lewis	0	—*	0	0
Lincoln	0	—*	0	0
Mason	1	—*	1	0
Okanogan	1	—*	1	0
Pacific	0	—*	0	0
Pend Oreille	0	—*	0	0
Pierce	38	5.7	33	5
Lakewood	0	—*	0	0
Puyallup	3	—*	3	0
Tacoma	22	11.9	18	4
University Place	2	—*	2	0
San Juan	0	—*	0	0
Skagit	5	5.2	3	2
Mount Vernon	2	—*	2	0
Skamania	1	—*	1	0
Snohomish	25	4.6	18	7
Edmonds	2	—*	2	0
Everett	6	7.3	6	0
Lynnwood	2	—*	2	0
Marysville	2	—*	1	1
Mountlake Terrace	1	—*	0	1
Mukilteo	0	—*	0	0
Spokane	16	3.9	16	0
Spokane (City)	11	5.9	11	0
Stevens	0	—*	0	0
Thurston	8	4.1	8	0
Lacey	0	—*	0	0
Olympia	4	—*	4	0
Wahkiakum	0	—*	0	0
Walla Walla	5	9.4	5	0
Walla Walla (City)	3	—*	3	0
Whatcom	13	8.5	12	1
Bellingham	9	15.0	8	1
Whitman	0	—*	0	0
Pullman	0	—*	0	0
Yakima	11	5.3	10	1
Yakima (City)	5	8.0	4	1

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¹Rates per 100,000 population

NOTE: Source for Human Immunodeficiency Virus is International Classification of Diseases (Ninth Revision):
Human Immunodeficiency Virus (ICD 042-044)

*Rate not calculated because number of deaths was less than 5.

Table 32. Deaths by Selected Accidents by Place of Residence, 1996

County and City	All Accidents		Motor Vehicle		Falls		Drownings		Fires		Other Accidents	
	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹
State Total	1,888	34.2	789	14.3	379	6.9	99	1.8	51	0.9	570	10.3
Adams	9	58.4	6	39.0	2	—*	0	—*	0	—*	1	—*
Asotin	11	56.1	5	25.5	3	—*	0	—*	0	—*	3	—*
Benton	42	32.1	22	16.8	9	6.9	1	—*	1	—*	9	6.9
Kennewick	17	35.4	8	16.7	3	—*	0	—*	0	—*	6	12.5
Richland	9	25.0	2	—*	4	—*	0	—*	1	—*	2	—*
Chelan	25	40.8	8	13.1	5	8.2	3	—*	1	—*	8	13.1
Wenatchee	9	36.5	2	—*	3	—*	1	—*	0	—*	3	—*
Clallam	37	56.9	12	18.5	10	15.4	4	—*	0	—*	11	16.9
Port Angeles	13	69.2	3	—*	3	—*	1	—*	0	—*	6	31.9
Clark	110	36.2	43	14.2	17	5.6	5	1.6	2	—*	43	14.2
Vancouver	54	80.1	21	31.1	6	8.9	1	—*	1	—*	25	37.1
Columbia	1	—*	0	—*	0	—*	0	—*	0	—*	1	—*
Cowlitz	40	44.1	17	18.7	9	9.9	3	—*	0	—*	11	12.1
Longview	18	53.5	6	17.8	5	14.9	1	—*	0	—*	6	17.8
Douglas	13	42.8	8	26.3	2	—*	0	—*	0	—*	3	—*
Ferry	7	97.2	4	—*	1	—*	0	—*	0	—*	2	—*
Franklin	18	41.2	12	27.5	0	—*	1	—*	0	—*	5	11.4
Pasco	11	49.2	5	22.4	0	—*	1	—*	0	—*	5	22.4
Garfield	0	—*	0	—*	0	—*	0	—*	0	—*	0	—*
Grant	40	60.2	32	48.2	1	—*	0	—*	6	9.0	1	—*
Grays Harbor	42	61.6	17	24.9	10	14.7	3	—*	0	—*	12	17.6
Aberdeen	10	59.9	1	—*	3	—*	1	—*	0	—*	5	29.9
Island	17	24.2	6	8.5	5	7.1	2	—*	0	—*	4	—*
Oak Harbor	3	—*	1	—*	1	—*	0	—*	0	—*	1	—*
Jefferson	12	46.7	7	27.2	2	—*	1	—*	0	—*	2	—*
King	502	30.8	170	10.4	106	6.5	25	1.5	12	0.7	189	11.6
Auburn	12	33.2	4	—*	0	—*	0	—*	0	—*	8	22.1
Bellevue	28	27.0	8	7.7	9	8.7	0	—*	1	—*	10	9.6
Burien	7	25.2	3	—*	1	—*	0	—*	0	—*	3	—*
Des Moines	3	—*	0	—*	0	—*	1	—*	0	—*	2	—*
Federal Way	15	19.9	7	9.3	5	6.6	1	—*	0	—*	2	—*
Kent	24	39.7	9	14.9	2	—*	3	—*	0	—*	10	16.6
Kirkland	10	23.2	3	—*	3	—*	1	—*	1	—*	2	—*
Mercer Island	2	—*	0	—*	2	—*	0	—*	0	—*	0	—*
Redmond	10	24.5	4	—*	0	—*	0	—*	0	—*	6	14.7
Renton	18	39.8	6	13.3	5	11.1	0	—*	1	—*	6	13.3
Sea Tac	5	21.6	5	21.6	0	—*	0	—*	0	—*	0	—*
Seattle	233	43.6	58	10.8	62	11.6	8	1.5	7	1.3	98	18.3
Kitsap	58	25.8	19	8.5	17	7.6	5	2.2	0	—*	17	7.6
Bainbridge Island	7	37.8	1	—*	4	—*	0	—*	0	—*	2	—*
Bremerton	14	36.5	6	15.6	3	—*	2	—*	0	—*	3	—*
Kittitas	23	74.7	11	35.7	5	16.2	1	—*	2	—*	4	—*

Table 32. Deaths by Selected Accidents by Place of Residence, 1996

County and City	All Accidents		Motor Vehicle		Falls		Drownings		Fires		Other Accidents	
	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹
Klickitat	15	80.2	5	26.7	2	—*	0	—*	1	—*	7	37.4
Lewis	26	39.0	14	21.0	2	—*	1	—*	0	—*	9	13.5
Lincoln	5	51.0	2	—*	1	—*	0	—*	0	—*	2	—*
Mason	33	70.7	16	34.3	5	10.7	0	—*	4	—*	8	17.1
Okanogan	26	69.3	13	34.7	2	—*	3	—*	1	—*	7	18.7
Pacific	15	71.1	4	—*	6	28.4	3	—*	0	—*	2	—*
Pend Oreille	4	—*	1	—*	1	—*	0	—*	0	—*	2	—*
Pierce	179	26.9	87	13.1	33	5.0	11	1.7	6	0.9	42	6.3
Lakewood	4	—*	1	—*	0	—*	1	—*	0	—*	2	—*
Puyallup	5	17.4	2	—*	1	—*	0	—*	0	—*	2	—*
Tacoma	60	32.4	23	12.4	20	10.8	4	—*	0	—*	13	7.0
University Place	2	—*	1	—*	0	—*	1	—*	0	—*	0	—*
San Juan	4	—*	1	—*	0	—*	1	—*	0	—*	2	—*
Skagit	37	38.7	14	14.7	11	11.5	2	—*	2	—*	8	8.4
Mount Vernon	7	32.1	1	—*	4	—*	0	—*	1	—*	1	—*
Skamania	1	—*	0	—*	0	—*	0	—*	0	—*	1	—*
Snohomish	137	25.5	53	9.8	25	4.6	9	1.7	2	—*	48	8.9
Edmonds	7	19.7	0	—*	3	—*	2	—*	0	—*	2	—*
Everett	32	39.1	11	13.4	4	—*	3	—*	0	—*	14	17.1
Lynnwood	8	24.7	4	—*	3	—*	0	—*	0	—*	1	—*
Marysville	12	65.8	6	32.9	2	—*	1	—*	0	—*	3	—*
Mountlake Terrace	3	—*	1	—*	0	—*	0	—*	2	—*	0	—*
Mukilteo	3	—*	1	—*	1	—*	0	—*	0	—*	1	—*
Spokane	127	31.2	53	13.0	39	9.6	5	1.2	5	1.2	25	6.2
Spokane (City)	65	34.6	25	13.3	22	11.7	3	—*	2	—*	13	6.9
Stevens	22	60.1	6	16.4	5	13.7	0	—*	1	—*	10	27.3
Thurston	66	34.2	27	14.0	14	7.3	2	—*	0	—*	23	11.9
Lacey	8	30.6	4	—*	4	—*	0	—*	0	—*	0	—*
Olympia	19	50.1	7	18.4	6	15.8	0	—*	0	—*	6	15.8
Wahkiakum	0	—*	0	—*	0	—*	0	—*	0	—*	0	—*
Walla Walla	24	44.9	10	18.7	6	11.2	0	—*	0	—*	8	15.0
Walla Walla (City)	13	44.9	6	20.7	4	—*	0	—*	0	—*	3	10.4
Whatcom	44	28.8	15	9.8	10	6.5	3	—*	1	—*	15	9.8
Bellingham	20	33.4	3	—*	4	—*	2	—*	0	—*	11	18.4
Whitman	9	22.0	6	14.6	2	—*	0	—*	0	—*	1	—*
Pullman	3	—*	2	—*	1	—*	0	—*	0	—*	0	—*
Yakima	107	51.5	63	30.3	11	5.3	5	2.4	4	—*	24	11.6
Yakima (City)	41	65.4	19	30.3	4	—*	3	—*	0	—*	15	23.9

DEAA17P4

¹Rates per 100,000 population

NOTE: Source for Selected Accidents is International Classification of Diseases (Ninth Revision):

All Accidents (ICD E800-E949); Motor Vehicle (ICD E810-E825); Falls (ICD E880-E888);

Drownings (ICD E830, E832, E910); Fires (ICD E890-E899);

Other Accidents (ICD E800-E809, E826-E829, E831, E833-E879, E900-E909, E911-E949)

*Rate not calculated because number of deaths was less than 5.

Table 33. Deaths by External Causes by Place of Residence, 1996

County and City	Suicide		Homicide		Undetermined	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
State Total	785	14.2	255	4.6	108	2.0
Adams	0	—*	1	—*	1	—*
Asotin	3	—*	0	—*	0	—*
Benton	14	10.7	2	—*	1	—*
Kennewick	7	14.6	0	—*	1	—*
Richland	3	—*	2	—*	0	—*
Chehalis	15	24.5	1	—*	0	—*
Wenatchee	5	20.3	1	—*	0	—*
Clallam	13	20.0	1	—*	1	—*
Port Angeles	4	—*	1	—*	0	—*
Clark	45	14.8	5	1.6	6	2.0
Vancouver	22	32.6	3	—*	3	—*
Columbia	2	—*	0	—*	0	—*
Cowlitz	15	16.5	7	7.7	0	—*
Longview	7	20.8	2	—*	0	—*
Douglas	5	16.4	2	—*	0	—*
Ferry	1	—*	0	—*	0	—*
Franklin	3	—*	1	—*	1	—*
Pasco	3	—*	0	—*	1	—*
Garfield	0	—*	0	—*	0	—*
Grant	8	12.0	10	15.1	2	—*
Grays Harbor	12	17.6	5	7.3	2	—*
Aberdeen	2	—*	3	—*	2	—*
Island	8	11.4	2	—*	0	—*
Oak Harbor	1	—*	0	—*	0	—*
Jefferson	3	—*	0	—*	0	—*
King	217	13.3	75	4.6	34	2.1
Auburn	2	—*	3	—*	0	—*
Bellevue	15	14.5	2	—*	0	—*
Burien	6	21.6	0	—*	0	—*
Des Moines	4	—*	0	—*	0	—*
Federal Way	6	8.0	3	—*	2	—*
Kent	8	13.2	4	—*	1	—*
Kirkland	8	18.5	0	—*	0	—*
Mercer Island	1	—*	0	—*	0	—*
Redmond	10	24.5	0	—*	0	—*
Renton	12	26.6	4	—*	2	—*
Sea Tac	2	—*	1	—*	0	—*
Seattle	95	17.8	45	8.4	26	4.9
Kitsap	31	13.8	4	—*	4	—*
Bainbridge Island	1	—*	0	—*	0	—*
Bremerton	6	15.6	2	—*	1	—*
Kittitas	1	—*	1	—*	0	—*

Table 33. Deaths by External Causes by Place of Residence, 1996

County and City	Suicide		Homicide		Undetermined	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Klickitat	3	—*	0	—*	0	—*
Lewis	10	15.0	7	10.5	0	—*
Lincoln	2	—*	0	—*	0	—*
Mason	12	25.7	4	—*	2	—*
Okanogan	9	24.0	6	16.0	0	—*
Pacific	5	23.7	3	—*	2	—*
Pend Oreille	4	—*	0	—*	0	—*
Pierce	106	15.9	44	6.6	36	5.4
Lakewood	6	9.6	2	—*	1	—*
Puyallup	9	31.4	2	—*	0	—*
Tacoma	40	21.6	16	8.6	25	13.5
University Place	3	—*	1	—*	0	—*
San Juan	7	56.5	0	—*	0	—*
Skagit	20	20.9	1	—*	3	—*
Mount Vernon	5	22.9	0	—*	1	—*
Skamania	1	—*	1	—*	1	—*
Snohomish	57	10.6	19	3.5	7	1.3
Edmonds	2	—*	1	—*	0	—*
Everett	11	13.4	3	—*	2	—*
Lynnwood	3	—*	3	—*	0	—*
Marysville	5	27.4	2	—*	0	—*
Mountlake Terrace	1	—*	0	—*	0	—*
Mukilteo	2	—*	1	—*	0	—*
Spokane	58	14.3	23	5.7	2	—*
Spokane (City)	33	17.6	17	9.1	2	—*
Stevens	8	21.9	0	—*	0	—*
Thurston	26	13.5	7	3.6	1	—*
Lacey	5	19.1	3	—*	0	—*
Olympia	10	26.3	0	—*	1	—*
Wahkiakum	1	—*	0	—*	0	—*
Walla Walla	7	13.1	2	—*	0	—*
Walla Walla (City)	6	20.7	2	—*	0	—*
Whatcom	25	16.4	4	—*	0	—*
Bellingham	13	21.7	1	—*	0	—*
Whitman	2	—*	1	—*	0	—*
Pullman	1	—*	1	—*	0	—*
Yakima	26	12.5	16	7.7	2	—*
Yakima (City)	10	16.0	7	11.2	1	—*

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¹Rates per 100,000 population

NOTE: Source for External Causes is International Classification of Diseases (Ninth Revision):

Suicide (ICD E950-E959); Homicide (ICD E960-E969); Undetermined (ICD E980-E989)

*Rate not calculated because number of deaths was less than 5.

**Table 34. Deaths Due to Human Immunodeficiency Virus by Sex
by Place of Occurrence, 1996**

County and City	Total		Male	Female
	Number	Rate ¹		
State Total	403	7.3	372	31
Adams	0	--*	0	0
Asotin	0	--*	0	0
Benton	2	--*	1	1
Kennewick	1	--*	1	0
Richland	1	--*	0	1
Chelan	2	--*	1	1
Wenatchee	2	--*	1	1
Clallam	1	--*	1	0
Port Angeles	0	--*	0	0
Clark	16	5.3	16	0
Vancouver	16	23.7	16	0
Columbia	0	--*	0	0
Cowlitz	4	--*	4	0
Longview	4	--*	4	0
Douglas	0	--*	0	0
Ferry	0	--*	0	0
Franklin	1	--*	1	0
Pasco	1	--*	1	0
Garfield	0	--*	0	0
Grant	1	--*	1	0
Grays Harbor	0	--*	0	0
Aberdeen	0	--*	0	0
Island	2	--*	1	1
Oak Harbor	2	--*	1	1
Jefferson	3	--*	3	0
King	254	15.6	237	17
Auburn	3	--*	2	1
Bellevue	5	4.8	3	2
Burien	0	--*	0	0
Des Moines	0	--*	0	0
Federal Way	1	--*	1	0
Kent	1	--*	1	0
Kirkland	2	--*	1	1
Mercer Island	1	--*	1	0
Redmond	1	--*	1	0
Renton	3	--*	3	0
Sea Tac	0	--*	0	0
Seattle	233	43.6	220	13
Kitsap	3	--*	3	0
Bainbridge Island	1	--*	1	0
Bremerton	2	--*	2	0
Kittitas	0	--*	0	0

**Table 34. Deaths Due to Human Immunodeficiency Virus by Sex
by Place of Occurrence, 1996**

County and City	Total		Male	Female
	Number	Rate ¹		
Klickitat	0	—*	0	0
Lewis	0	—*	0	0
Lincoln	0	—*	0	0
Mason	2	—*	2	0
Okanogan	0	—*	0	0
Pacific	0	—*	0	0
Pend Oreille	0	—*	0	0
Pierce	37	5.6	32	5
Lakewood	0	—*	0	0
Puyallup	1	—*	1	0
Tacoma	32	17.3	28	4
University Place	1	—*	1	0
San Juan	0	—*	0	0
Skagit	4	—*	2	2
Mount Vernon	1	—*	1	0
Skamania	0	—*	0	0
Snohomish	17	3.2	14	3
Edmonds	1	—*	1	0
Everett	5	6.1	5	0
Lynnwood	1	—*	1	0
Marysville	2	—*	2	0
Mountlake Terrace	0	—*	0	0
Mukilteo	0	—*	0	0
Spokane	19	4.7	19	0
Spokane (City)	19	10.1	19	0
Stevens	0	—*	0	0
Thurston	8	4.1	8	0
Lacey	0	—*	0	0
Olympia	8	21.1	8	0
Wahkiakum	0	—*	0	0
Walla Walla	5	9.4	5	0
Walla Walla (City)	5	17.3	5	0
Whatcom	11	7.2	11	0
Bellingham	10	16.7	10	0
Whitman	0	—*	0	0
Pullman	0	—*	0	0
Yakima	11	5.3	10	1
Yakima (City)	8	12.8	7	1

DEAA23P2

¹Rates per 100,000 population

NOTE: Source for Human Immunodeficiency Virus is International Classification of Diseases (Ninth Revision):
Human Immunodeficiency Virus (ICD 042-044)

*Rate not calculated because number of deaths was less than 5.

Table 35. Deaths by Selected Accidents by Place of Occurrence, 1996

County and City	All Accidents		Motor Vehicle		Falls		Drownings		Fires		Other Accidents	
	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹
State Total	1,848	33.5	760	13.8	374	6.8	93	1.7	52	0.9	569	10.3
Adams	11	71.4	8	51.9	2	--*	0	--*	0	--*	1	--*
Asotin	5	25.5	2	10.2	1	--*	1	--*	0	--*	1	--*
Benton	32	24.4	15	11.5	6	4.6	0	--*	1	--*	10	7.6
Kennewick	8	16.7	1	--*	2	--*	0	--*	0	--*	5	10.4
Richland	14	38.9	6	16.7	4	--*	0	--*	1	--*	3	--*
Chelan	35	57.1	12	19.6	9	14.7	4	--*	1	--*	9	14.7
Wenatchee	20	81.0	10	40.5	6	24.3	0	--*	0	--*	4	--*
Clallam	24	36.9	7	10.8	8	12.3	4	--*	0	--*	5	7.7
Port Angeles	15	79.8	2	--*	6	31.9	2	--*	0	--*	5	26.6
Clark	83	27.3	31	10.2	14	4.6	3	--*	1	--*	34	11.2
Vancouver	64	94.9	24	35.6	12	17.8	2	--*	0	--*	26	38.5
Columbia	2	--*	1	--*	0	--*	0	--*	0	--*	1	--*
Cowlitz	41	45.2	20	22.0	7	7.7	4	--*	0	--*	10	11.0
Longview	22	65.4	7	20.8	6	17.8	1	--*	0	--*	8	23.8
Douglas	11	36.2	8	26.3	0	--*	0	--*	0	--*	3	--*
Ferry	7	97.2	5	69.4	1	--*	0	--*	0	--*	1	--*
Franklin	21	48.1	16	36.6	0	--*	1	--*	0	--*	4	--*
Pasco	13	58.1	8	35.8	0	--*	1	--*	0	--*	4	--*
Garfield	0	--*	0	--*	0	--*	0	--*	0	--*	0	--*
Grant	35	52.7	24	36.1	2	--*	0	--*	6	9.0	3	--*
Grays Harbor	31	45.5	13	19.1	7	10.3	2	--*	0	--*	9	13.2
Aberdeen	16	95.8	7	41.9	5	29.9	0	--*	0	--*	4	--*
Island	12	17.1	7	10.0	3	--*	1	--*	0	--*	1	--*
Oak Harbor	5	25.6	3	--*	0	--*	1	--*	0	--*	1	--*
Jefferson	11	42.8	5	19.5	4	--*	1	--*	0	--*	1	--*
King	613	37.6	210	12.9	123	7.6	26	1.6	16	1.0	238	14.6
Auburn	17	47.1	8	22.1	0	--*	0	--*	0	--*	9	24.9
Bellevue	24	23.1	6	5.8	11	10.6	1	--*	0	--*	6	5.8
Burien	9	32.3	2	--*	2	--*	0	--*	0	--*	5	18.0
Des Moines	2	--*	0	--*	0	--*	0	--*	0	--*	2	--*
Federal Way	15	19.9	8	10.6	3	--*	1	--*	0	--*	3	--*
Kent	24	39.7	4	--*	1	--*	3	--*	1	--*	15	24.8
Kirkland	11	25.5	1	--*	5	11.6	0	--*	0	--*	5	11.6
Mercer Island	2	--*	0	--*	1	--*	0	--*	0	--*	1	--*
Redmond	11	27.0	4	--*	2	--*	0	--*	1	--*	4	--*
Renton	19	42.1	6	13.3	5	11.1	1	--*	2	--*	5	11.1
Sea Tac	8	34.6	6	26.0	0	--*	0	--*	0	--*	2	--*
Seattle	411	76.9	140	26.2	88	16.5	10	1.9	12	2.2	161	30.1
Kitsap	33	14.7	11	4.9	6	2.7	3	--*	0	--*	13	5.8
Bainbridge Island	2	--*	0	--*	0	--*	0	--*	0	--*	2	--*
Bremerton	18	46.9	6	15.6	4	--*	1	--*	0	--*	7	18.2
Kittitas	31	100.6	17	55.2	5	16.2	2	--*	2	--*	5	16.2

Table 35. Deaths by Selected Accidents by Place of Occurrence, 1996

County and City	All Accidents		Motor Vehicle		Falls		Drownings		Fires		Other Accidents	
	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹	No.	Rate ¹
Klickitat	13	69.5	5	26.7	1	—*	2	—*	1	—*	4	—*
Lewis	19	28.5	7	10.5	2	—*	2	—*	0	—*	8	12.0
Lincoln	5	51.0	1	—*	1	—*	1	—*	0	—*	2	—*
Mason	27	57.8	11	23.6	4	—*	2	—*	4	—*	6	12.8
Okanogan	28	74.7	14	37.3	2	—*	3	—*	1	—*	8	21.3
Pacific	11	52.1	3	—*	3	—*	2	—*	0	—*	3	—*
Pend Oreille	6	54.1	1	—*	2	—*	0	—*	0	—*	3	—*
Pierce	135	20.3	60	9.0	33	5.0	7	1.1	5	0.8	30	4.5
Lakewood	5	8.0	0	—*	1	—*	0	—*	0	—*	4	—*
Puyallup	18	62.8	9	31.4	1	—*	0	—*	3	—*	5	17.4
Tacoma	79	42.7	33	17.8	29	15.7	4	—*	1	—*	12	6.5
University Place	1	—*	0	—*	0	—*	1	—*	0	—*	0	—*
San Juan	4	—*	1	—*	0	—*	2	—*	0	—*	1	—*
Skagit	35	36.6	9	9.4	14	14.7	2	—*	2	—*	8	8.4
Mount Vernon	14	64.2	3	—*	5	22.9	1	—*	2	—*	3	—*
Skamania	1	—*	1	—*	0	—*	0	—*	0	—*	0	—*
Snohomish	116	21.6	45	8.4	22	4.1	7	1.3	1	—*	41	7.6
Edmonds	15	42.3	1	—*	7	19.7	4	—*	0	—*	3	—*
Everett	38	46.4	14	17.1	4	—*	0	—*	0	—*	20	24.4
Lynnwood	9	27.8	6	18.5	1	—*	0	—*	0	—*	2	—*
Marysville	5	27.4	1	—*	2	—*	0	—*	0	—*	2	—*
Mountlake Terrace	2	—*	1	—*	0	—*	0	—*	1	—*	0	—*
Mukilteo	2	—*	0	—*	1	—*	0	—*	0	—*	1	—*
Spokane	141	34.7	58	14.3	43	10.6	3	—*	5	1.2	32	7.9
Spokane (City)	123	65.5	51	27.2	41	21.8	2	—*	5	2.7	24	12.8
Stevens	15	41.0	8	21.9	3	—*	0	—*	1	—*	3	—*
Thurston	65	33.7	24	12.4	18	9.3	3	—*	0	—*	20	10.4
Lacey	7	26.7	3	—*	1	—*	0	—*	0	—*	3	—*
Olympia	45	118.5	13	34.2	16	42.1	1	—*	0	—*	15	39.5
Wahkiakum	0	—*	0	—*	0	—*	0	—*	0	—*	0	—*
Walla Walla	28	52.4	12	22.5	7	13.1	1	—*	0	—*	8	15.0
Walla Walla (City)	20	69.1	8	27.7	7	24.2	0	—*	0	—*	5	17.3
Whatcom	43	28.1	16	10.5	9	5.9	1	—*	1	—*	16	10.5
Bellingham	26	43.4	8	13.4	7	11.7	0	—*	0	—*	11	18.4
Whitman	12	29.3	9	22.0	0	—*	0	—*	0	—*	3	—*
Pullman	3	—*	2	—*	0	—*	0	—*	0	—*	1	—*
Yakima	106	51.1	63	30.3	12	5.8	3	—*	4	—*	24	11.6
Yakima (City)	50	79.8	23	36.7	6	9.6	2	—*	0	—*	19	30.3

DEAA17PT

¹Rates per 100,000 population

NOTE: Source for Selected Accidents is International Classification of Diseases (Ninth Revision):

All Accidents (ICD E800-E949); Motor Vehicle (ICD E810-E825); Falls (ICD E880-E888);

Drownings (ICD E830, E832, E910); Fires (ICD E890-E899);

Other Accidents (ICD E800-E809, E826-E829, E831, E833-E879, E900-E909, E911-E949)

*Rate not calculated because number of deaths was less than 5.

Table 36. Deaths by External Causes by Place of Occurrence, 1996

County and City	Suicide		Homicide		Undetermined	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
State Total	776	14.1	259	4.7	112	2.0
Adams	0	--*	1	--*	0	--*
Asotin	2	--*	0	--*	0	--*
Benton	13	9.9	2	--*	1	--*
Kennewick	7	14.6	0	--*	1	--*
Richland	3	--*	1	--*	0	--*
Chelan	15	24.5	0	--*	0	--*
Wenatchee	9	36.5	0	--*	0	--*
Clallam	11	16.9	1	--*	1	--*
Port Angeles	6	31.9	1	--*	1	--*
Clark	36	11.9	6	2.0	6	2.0
Vancouver	25	37.1	3	--*	5	7.4
Columbia	2	--*	0	--*	0	--*
Cowlitz	13	14.3	6	6.6	0	--*
Longview	8	23.8	5	14.9	0	--*
Douglas	6	19.7	2	--*	0	--*
Ferry	2	--*	1	--*	0	--*
Franklin	3	--*	2	--*	1	--*
Pasco	3	--*	2	--*	1	--*
Garfield	0	--*	0	--*	0	--*
Grant	6	9.0	9	13.6	2	--*
Grays Harbor	14	20.5	3	--*	3	--*
Aberdeen	6	35.9	1	--*	3	--*
Island	8	11.4	3	--*	0	--*
Oak Harbor	7	35.8	0	--*	0	--*
Jefferson	7	27.2	0	--*	0	--*
King	234	14.4	81	5.0	41	2.5
Auburn	6	16.6	3	--*	0	--*
Bellevue	17	16.4	3	--*	1	--*
Burien	6	21.6	0	--*	0	--*
Des Moines	4	--*	1	--*	0	--*
Federal Way	5	6.6	2	--*	1	--*
Kent	11	18.2	3	--*	1	--*
Kirkland	7	16.2	0	--*	0	--*
Mercer Island	1	--*	0	--*	0	--*
Redmond	11	27.0	0	--*	0	--*
Renton	11	24.4	1	--*	4	--*
Sea Tac	2	--*	2	--*	1	--*
Seattle	120	22.4	61	11.4	30	5.6
Kitsap	30	13.4	5	2.2	2	--*
Bainbridge Island	1	--*	0	--*	0	--*
Bremerton	11	28.7	3	--*	1	--*
Kittitas	4	--*	1	--*	0	--*

Table 36. Deaths by External Causes by Place of Occurrence, 1996

County and City	Suicide		Homicide		Undetermined	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Klickitat	4	—*	0	—*	0	—*
Lewis	8	12.0	4	—*	0	—*
Lincoln	2	—*	0	—*	0	—*
Mason	11	23.6	3	—*	2	—*
Okanogan	8	21.3	6	16.0	0	—*
Pacific	5	23.7	2	—*	2	—*
Pend Oreille	5	45.0	0	—*	0	—*
Pierce	95	14.3	44	6.6	38	5.7
Lakewood	5	8.0	5	8.0	2	—*
Puyallup	11	38.4	5	17.4	0	—*
Tacoma	50	27.0	28	15.1	33	17.8
University Place	3	—*	1	—*	0	—*
San Juan	6	48.4	0	—*	0	—*
Skagit	22	23.0	1	—*	3	—*
Mount Vernon	9	41.2	0	—*	2	—*
Skamania	3	—*	2	—*	1	—*
Snohomish	51	9.5	15	2.8	6	1.1
Edmonds	1	—*	0	—*	0	—*
Everett	21	25.7	6	7.3	5	6.1
Lynnwood	5	15.4	2	—*	0	—*
Marysville	7	38.4	2	—*	0	—*
Mountlake Terrace	0	—*	0	—*	0	—*
Mukilteo	1	—*	0	—*	0	—*
Spokane	57	14.0	24	5.9	3	—*
Spokane (City)	44	23.4	24	12.8	3	—*
Stevens	7	19.1	1	—*	0	—*
Thurston	24	12.4	7	3.6	0	—*
Lacey	6	22.9	2	—*	0	—*
Olympia	13	34.2	4	—*	0	—*
Wahkiakum	1	—*	1	—*	0	—*
Walla Walla	8	15.0	3	—*	0	—*
Walla Walla (City)	6	20.7	2	—*	0	—*
Whatcom	26	17.0	4	—*	0	—*
Bellingham	15	25.1	2	—*	0	—*
Whitman	2	—*	1	—*	0	—*
Pullman	1	—*	1	—*	0	—*
Yakima	25	12.0	18	8.7	0	—*
Yakima (City)	16	25.5	12	19.1	0	—*

DEAA17P2

¹Rates per 100,000 population

NOTE: Source for External Causes is International Classification of Diseases (Ninth Revision); Suicide (ICD E950-E959); Homicide (ICD E960-E969); Undetermined (ICD E980-E989)

*Rate not calculated because number of deaths was less than 5.

Table 37. Deaths by Type of Place by Place of Occurrence, 1996

County and City	Total	General Hospital	Nursing Home	Home	Federal Facility	Psychiatric Hospital	State Facility	Dead on Arrival	Other and Unk
State Total	42,323	14,261	12,988	11,832	643	43	5	32	2,519
Adams	111	36	35	28	0	0	0	0	12
Asotin	182	60	68	41	0	0	0	0	13
Benton	779	269	196	271	0	0	0	1	42
Kennewick	377	114	102	140	0	0	0	0	21
Richland	298	141	61	88	0	0	0	1	7
Chelan	674	331	183	134	0	0	0	0	26
Wenatchee	500	306	117	68	0	0	0	0	9
Clallam	683	181	216	260	0	0	0	1	25
Port Angeles	410	160	107	133	0	0	0	0	10
Clark	1,939	420	587	724	3	0	0	0	205
Vancouver	1,586	420	480	531	3	0	0	0	152
Columbia	43	15	14	11	0	0	0	0	3
Cowlitz	983	309	369	167	0	0	0	0	138
Longview	822	309	336	73	0	0	0	0	104
Douglas	127	0	51	59	0	0	0	0	17
Ferry	51	18	4	19	0	0	0	1	9
Franklin	292	150	54	72	0	0	0	0	16
Pasco	273	150	54	62	0	0	0	0	7
Garfield	19	4	13	2	0	0	0	0	0
Grant	470	208	117	112	0	0	0	1	32
Grays Harbor	584	217	175	154	0	0	0	1	37
Aberdeen	371	199	107	57	0	0	0	0	8
Island	357	74	92	167	1	0	0	0	23
Oak Harbor	109	0	28	70	1	0	0	0	10
Jefferson	222	70	57	81	0	0	0	0	14
King	12,967	4,813	4,055	3,115	230	0	0	7	747
Auburn	451	138	137	148	0	0	0	1	27
Bellevue	970	383	389	159	0	0	0	0	39
Burien	280	162	67	46	0	0	0	0	5
Des Moines	290	1	240	38	0	0	0	0	11
Federal Way	464	131	166	132	0	0	0	0	35
Kent	264	0	6	213	0	0	0	0	45
Kirkland	661	177	350	76	0	0	0	0	58
Mercer Island	98	0	56	33	0	0	0	0	9
Redmond	315	97	130	61	0	0	0	0	27
Renton	721	335	182	175	0	0	0	0	29
Sea Tac	56	2	4	31	0	0	0	0	19
Seattle	7,349	3,292	1,951	1,560	230	0	0	6	310
Kitsap	1,454	464	479	428	21	0	0	2	60
Bainbridge Island	115	0	78	35	0	0	0	0	2
Bremerton	863	462	186	175	21	0	0	1	18
Kittitas	229	50	80	68	0	0	0	1	30

Table 37. Deaths by Type of Place by Place of Occurrence, 1996

County and City	Total	General Hospital	Nursing Home	Home	Federal Facility	Psychiatric Hospital	State Facility	Dead on Arrival	Other and Unk
Klickitat	147	56	27	43	0	0	0	0	21
Lewis	603	205	181	182	0	0	0	0	35
Lincoln	86	31	25	22	0	0	0	0	8
Mason	387	75	129	138	0	0	0	1	44
Okanogan	328	114	90	98	0	0	0	0	26
Pacific	255	75	83	79	0	0	0	1	17
Pend Oreille	89	22	28	30	0	0	0	0	9
Pierce	4,930	1,530	1,494	1,441	272	34	0	2	157
Lakewood	209	79	38	77	1	7	0	0	7
Puyallup	842	368	295	172	0	0	0	1	6
Tacoma	3,174	1,082	991	727	270	18	0	0	86
University Place	55	0	25	29	0	0	0	0	1
San Juan	68	0	17	45	0	0	0	0	6
Skagit	813	273	239	263	0	0	0	2	36
Mount Vernon	368	185	82	89	0	0	0	1	11
Skamania	42	0	0	29	0	0	0	0	13
Snohomish	3,102	845	950	1,147	0	0	1	5	154
Edmonds	472	236	104	117	0	0	0	0	15
Everett	1,157	510	266	334	0	0	0	1	46
Lynnwood	251	1	106	126	0	0	0	0	18
Marysville	279	2	126	137	0	0	0	0	14
Mountlake Terrace	44	0	2	36	0	0	0	1	5
Mukilteo	25	0	0	22	0	0	0	0	3
Spokane	3,891	1,646	1,065	865	66	9	0	1	239
Spokane (City)	3,577	1,634	960	731	66	0	0	0	186
Stevens	259	85	85	74	0	0	0	0	15
Thurston	1,510	481	468	492	0	0	0	1	68
Lacey	231	3	129	82	0	0	0	0	17
Olympia	1,119	478	323	285	0	0	0	1	32
Wahkiakum	43	0	21	18	0	0	0	0	4
Walla Walla	560	176	178	124	50	0	4	1	27
Walla Walla (City)	484	176	146	91	50	0	4	1	16
Whatcom	1,166	262	460	367	0	0	0	0	77
Bellingham	883	262	364	220	0	0	0	0	37
Whitman	188	57	70	47	0	0	0	1	13
Pullman	50	18	13	16	0	0	0	0	3
Yakima	1,690	639	533	415	0	0	0	2	101
Yakima (City)	1,139	518	357	213	0	0	0	1	50

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Table 38a. Infant Mortality to Residents by Cause¹ by Age and Sex², 1996

Cause and International List Number	<u>Total</u>		<u>Under 1 Day</u>		<u>Under 7 Days</u>		<u>7 Days to Under 28 Days</u>	
	Male	Female	Male	Female	Male	Female	Male	Female
Total All Causes	262	203	82	74	50	34	27	23
All Infective and Parasitic Diseases (000-139)	9	3	0	0	0	0	1	0
Malignant Neoplasms (140-208)	2	0	0	0	0	0	0	0
Meningitis (320,322)	1	0	0	0	0	0	0	0
Diseases of the Circulatory System (390-459)	7	1	0	0	0	0	1	0
Pneumonia and Influenza (480-487)	2	6	0	0	0	0	0	0
Other Diseases of Respiratory System (510-519)	2	1	1	0	1	0	0	0
Hernia and Intestinal Obstruction (550-553,560)	0	2	0	0	0	0	0	1
Congenital Anomalies (740-759)	(87)	(57)	(27)	(17)	(24)	(17)	(18)	(7)
Anencephalus (740)	3	1	2	1	1	0	0	0
Spina Bifida and Meningocele (741)	0	2	0	2	0	0	0	0
Other Anomalies of the Central Nervous System (742)	6	1	2	0	0	0	1	0
Anomalies of the Heart (745-746)	38	25	4	5	15	7	12	3
Other Anomalies of Circulatory System (747)	4	3	0	0	3	3	1	0
Anomalies of the Respiratory System (748)	11	8	8	4	1	1	1	1
Anomalies of the Digestive System (749-751)	1	1	0	0	0	1	0	0
Anomalies of the Genitourinary System (752-753)	1	3	1	3	0	0	0	0
Anomalies of the Musculoskeletal System (754-756)	4	0	1	0	0	0	2	0
Chromosomal Anomalies (758)	11	7	6	0	2	3	0	2
Other Congenital Anomalies (743-744, 757, 759)	8	6	3	2	2	2	1	1
Certain Conditions in Perinatal Period (760-779)	(90)	(84)	(54)	(55)	(25)	(17)	(6)	(7)
Maternal Diseases Affecting Child (760)	1	2	1	2	0	0	0	0
Complications of Pregnancy Affecting Child (761-762)	18	18	14	17	4	0	0	1
Birth injuries (763,767-769)	18	16	6	2	11	8	0	3
Other Diseases Peculiar to Early Infancy	53	48	33	34	10	9	6	3
Sudden Infant Death Syndrome (798.0)	46	34	0	0	0	0	0	6
All Other Diseases (000-799)	12	10	0	2	0	0	1	2
All Accidents (E800-E949)	(3)	(2)	(0)	(0)	(0)	(0)	(0)	(0)
Motor Vehicle Accidents (E810-E825)	1	0	0	0	0	0	0	0
Accidental Drowning and Submersion (E910)	0	0	0	0	0	0	0	0
Inhalation of Food or Other Object Causing Obstruction or Suffocation (E911-E912)	1	0	0	0	0	0	0	0
Mechanical Suffocation in Bed or Cradle and in Other and Unspecified Circumstances (E913)	1	1	0	0	0	0	0	0
All Other Accidents	0	1	0	0	0	0	0	0
Homicide (E960-E969)	0	2	0	0	0	0	0	0
Injury Undetermined Whether Accidentally or Purposely Inflicted (E980-E988)	1	1	0	0	0	0	0	0

¹Totals for sub-groups by selected causes are shown in parentheses.

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²Total excludes 2 deaths for which sex is unknown.

Table 38b. Infant Mortality to Residents by Cause¹ by Age and Sex², 1996

Cause and International List Number	28 Days to Under 3 Months		3 Months to Under 6 Months		6 Months to Under 9 Months		9 Months to Under 12 Months	
	Male	Female	Male	Female	Male	Female	Male	Female
Total All Causes	42	31	36	23	15	8	10	10
All Infective and Parasitic Diseases (000-139)	5	2	1	0	2	1	0	0
Malignant Neoplasms (140-208)	1	0	0	0	0	0	1	0
Meningitis (320,322)	1	0	0	0	0	0	0	0
Diseases of the Circulatory System (390-459)	1	0	2	0	2	1	1	0
Pneumonia and Influenza (480-487)	1	2	0	2	0	1	1	1
Other Diseases of Respiratory System (510-519)	0	0	0	1	0	0	0	0
Hernia and Intestinal Obstruction (550-553,560)	0	0	0	0	0	0	0	1
Congenital Anomalies (740-759)	(8)	(5)	(5)	(6)	(2)	(2)	(3)	(3)
Anencephalus (740)	0	0	0	0	0	0	0	0
Spina Bifida and Meningocele (741)	0	0	0	0	0	0	0	0
Other Anomalies of the Central Nervous System (742)	1	1	0	0	1	0	1	0
Anomalies of the Heart (745-746)	4	1	1	4	1	2	1	3
Other Anomalies of Circulatory System (747)	0	0	0	0	0	0	0	0
Anomalies of the Respiratory System (748)	1	1	0	1	0	0	0	0
Anomalies of the Digestive System (749-751)	0	0	0	0	0	0	1	0
Anomalies of the Genitourinary System (752-753)	0	0	0	0	0	0	0	0
Anomalies of the Musculoskeletal System (754-756)	0	0	1	0	0	0	0	0
Chromosomal Anomalies (758)	1	2	2	0	0	0	0	0
Other Congenital Anomalies	1	0	1	1	0	0	0	0
Certain Conditions in Perinatal Period (760-779)	(4)	(2)	(0)	(1)	(1)	(2)	(0)	(0)
Maternal Diseases Affecting Child (760)	0	0	0	0	0	0	0	0
Complications of Pregnancy Affecting Child (761-762)	0	0	0	0	0	0	0	0
Birth injuries (763,767-769)	1	1	0	1	0	1	0	0
Other Diseases Peculiar to Early Infancy	3	1	0	0	1	1	0	0
Sudden Infant Death Syndrome (798.0)	19	16	24	8	2	1	1	3
All Other Diseases (000-799)	2	3	2	2	5	0	2	1
All Accidents (E800-E949)	(0)	(0)	(1)	(2)	(1)	(0)	(1)	(0)
Motor Vehicle Accidents (E810-E825)	0	0	1	0	0	0	0	0
Accidental Drowning and Submersion (E910)	0	0	0	0	0	0	0	0
Inhalation of Food or Other Object Causing Obstruction or Suffocation (E911-E912)	0	0	0	0	0	0	1	0
Mechanical Suffocation in Bed or Cradle and in Other and Unspecified Circumstances (E913)	0	0	0	1	1	0	0	0
All Other Accidents	0	0	0	1	0	0	0	0
Homicide (E960-E969)	0	1	0	0	0	0	0	1
Injury Undetermined Whether Accidentally or Purposely Inflicted (E980-E988)	0	0	1	1	0	0	0	0

¹Totals for sub-groups by selected causes are shown in parentheses.

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²Total excludes 2 deaths for which sex is unknown.

Table 39. Infant Mortality by Selected Causes by Place of Residence, 1996

County and City	Total All Causes	Birth Trauma Conditions ¹	Other Conditions in Perinatal Period	Congenital Malformations	Pneumonia and Influenza	All Accidents	Sudden Infant Death	All Other Causes
State Total	467	33	142	144	8	5	80	55
Adams	3	1	0	2	0	0	0	0
Asotin	4	0	2	1	0	1	0	0
Benton	13	1	0	7	1	0	1	3
Kennewick	5	0	0	3	0	0	1	1
Richland	5	1	0	2	1	0	0	1
Chelan	5	0	2	1	0	0	1	1
Wenatchee	2	0	0	1	0	0	0	1
Clallam	3	0	2	0	0	0	0	1
Port Angeles	0	0	0	0	0	0	0	0
Clark	30	1	11	11	0	1	3	3
Vancouver	14	0	7	4	0	0	1	2
Columbia	0	0	0	0	0	0	0	0
Cowlitz	9	0	1	4	2	0	1	1
Longview	5	0	1	1	2	0	1	0
Douglas	2	0	0	1	1	0	0	0
Ferry	2	0	1	1	0	0	0	0
Franklin	4	0	1	0	0	0	2	1
Pasco	3	0	1	0	0	0	1	1
Garfield	0	0	0	0	0	0	0	0
Grant	10	2	2	3	0	0	1	2
Grays Harbor	4	0	0	3	0	0	1	0
Aberdeen	1	0	0	1	0	0	0	0
Island	4	0	1	2	0	0	1	0
Oak Harbor	2	0	0	1	0	0	1	0
Jefferson	3	0	1	0	0	0	0	2
King	118	10	39	33	1	0	22	13
Auburn	2	0	2	0	0	0	0	0
Bellevue	6	1	2	3	0	0	0	0
Burien	2	0	0	0	0	0	1	1
Des Moines	2	0	1	0	0	0	1	0
Federal Way	7	0	2	2	0	0	3	0
Kent	16	0	4	7	0	0	2	3
Kirkland	0	0	0	0	0	0	0	0
Mercer Island	0	0	0	0	0	0	0	0
Redmond	2	0	0	1	0	0	0	1
Renton	5	0	2	1	0	0	2	0
Sea Tac	4	0	2	2	0	0	0	0
Seattle	43	5	18	8	0	0	6	6
Kitsap	16	1	5	6	0	1	1	2
Bainbridge Island	0	0	0	0	0	0	0	0
Bremerton	4	0	1	3	0	0	0	0
Kittitas	4	0	1	2	0	0	0	1

Table 39. Infant Mortality by Selected Causes by Place of Residence, 1996

County and City	Total All Causes	Birth Trauma Conditions ¹	Other Conditions in Perinatal Period	Congenital Malformations	Pneumonia and Influenza	All Accidents	Sudden Infant Death	All Other Causes
Klickitat	1	0	0	0	0	0	1	0
Lewis	4	0	0	1	0	0	2	1
Lincoln	2	0	1	1	0	0	0	0
Mason	8	2	0	1	0	0	2	3
Okanogan	1	1	0	0	0	0	0	0
Pacific	2	0	1	0	0	0	0	1
Pend Oreille	1	0	0	0	0	0	1	0
Pierce	75	4	26	23	0	0	12	10
Lakewood	3	0	1	0	0	0	2	0
Puyallup	8	0	3	3	0	0	0	2
Tacoma	27	3	10	8	0	0	5	1
University Place	0	0	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	0	0
Skagit	9	0	2	4	2	0	0	1
Mount Vernon	2	0	0	1	1	0	0	0
Skamania	1	0	0	1	0	0	0	0
Snohomish	44	4	17	13	1	1	6	2
Edmonds	4	0	2	2	0	0	0	0
Everett	15	2	3	4	1	0	4	1
Lynnwood	4	0	2	1	0	0	0	1
Marysville	0	0	0	0	0	0	0	0
Mountlake Terrace	0	0	0	0	0	0	0	0
Mukilteo	1	1	0	0	0	0	0	0
Spokane	29	1	8	8	0	0	11	1
Spokane (City)	23	1	7	4	0	0	11	0
Stevens	4	0	2	0	0	0	1	1
Thurston	9	2	2	2	0	0	2	1
Lacey	3	2	0	1	0	0	0	0
Olympia	2	0	0	1	0	0	1	0
Wahkiakum	0	0	0	0	0	0	0	0
Walla Walla	10	1	3	2	0	0	4	0
Walla Walla (City)	4	0	0	2	0	0	2	0
Whatcom	6	2	0	2	0	0	1	1
Bellingham	1	0	0	1	0	0	0	0
Whitman	2	0	1	0	0	0	1	0
Pullman	0	0	0	0	0	0	0	0
Yakima	25	0	10	9	0	1	2	3
Yakima (City)	17	0	7	8	0	1	0	1

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NOTE: Source for Selected Causes is International Classification of Diseases (Ninth Revision):
 Birth Trauma & Asphyxia Conditions (ICD 767-769); Other Conditions in Perinatal Period (ICD 760-766, 770-779);
 Congenital Malformations (ICD 740-759); Pneumonia and Influenza (ICD 480-487); All Accidents (ICD E800-E949);
 Sudden Infant Death (ICD 798.0)

¹In 1996, deaths due to other complications of labor and delivery (ICD 763) were moved from 'Birth Injuries' (see 1980-1995 tables) to 'Other Conditions in Perinatal Period'.

Table 40. Infant Deaths by Mother's Race/Ethnicity¹ by Place of Residence², 1996

County and City	Total	African		Native		Other					Hispanic ³
		White	American	American	Japanese	Chinese	Filipino	Asian	Other	Unk	
State Total	467	359	39	12	2	2	7	20	0	26	43
Adams	3	3	0	0	0	0	0	0	0	0	2
Asotin	4	4	0	0	0	0	0	0	0	0	0
Benton	13	12	0	0	0	1	0	0	0	0	2
Kennewick	5	5	0	0	0	0	0	0	0	0	2
Richland	5	4	0	0	0	1	0	0	0	0	0
Chelan	5	5	0	0	0	0	0	0	0	0	1
Wenatchee	2	2	0	0	0	0	0	0	0	0	0
Clallam	3	3	0	0	0	0	0	0	0	0	0
Port Angeles	0	0	0	0	0	0	0	0	0	0	0
Clark	30	26	2	1	0	0	0	1	0	0	1
Vancouver	14	12	2	0	0	0	0	0	0	0	1
Columbia	0	0	0	0	0	0	0	0	0	0	0
Cowlitz	9	9	0	0	0	0	0	0	0	0	1
Longview	5	5	0	0	0	0	0	0	0	0	1
Douglas	2	2	0	0	0	0	0	0	0	0	1
Ferry	2	1	0	0	0	0	0	0	0	1	0
Franklin	4	3	0	0	0	0	0	1	0	0	2
Pasco	3	2	0	0	0	0	0	1	0	0	2
Garfield	0	0	0	0	0	0	0	0	0	0	0
Grant	10	10	0	0	0	0	0	0	0	0	3
Grays Harbor	4	3	0	0	0	0	0	0	0	1	0
Aberdeen	1	1	0	0	0	0	0	0	0	0	0
Island	4	2	0	0	0	0	1	1	0	0	0
Oak Harbor	2	0	0	0	0	0	1	1	0	0	0
Jefferson	3	2	0	1	0	0	0	0	0	0	0
King	118	77	16	4	1	0	3	7	0	10	5
Auburn	2	1	1	0	0	0	0	0	0	0	0
Bellevue	6	5	0	0	0	0	0	1	0	0	0
Burien	2	1	0	0	0	0	0	1	0	0	0
Des Moines	2	1	0	0	0	0	0	1	0	0	0
Federal Way	7	6	0	0	0	0	0	0	0	1	0
Kent	16	9	2	0	0	0	1	2	0	2	0
Kirkland	0	0	0	0	0	0	0	0	0	0	0
Mercer Island	0	0	0	0	0	0	0	0	0	0	0
Redmond	2	2	0	0	0	0	0	0	0	0	0
Renton	5	3	2	0	0	0	0	0	0	0	0
Sea Tac	4	2	2	0	0	0	0	0	0	0	1
Seattle	43	25	7	3	0	0	1	2	0	5	3
Kitsap	16	14	2	0	0	0	0	0	0	0	1
Bainbridge Island	0	0	0	0	0	0	0	0	0	0	0
Bremerton	4	3	1	0	0	0	0	0	0	0	1
Kittitas	4	4	0	0	0	0	0	0	0	0	0

Table 40. Infant Deaths by Mother's Race/Ethnicity¹ by Place of Residence², 1996

County and City	Total	African		Native		Other					Hispanic ³	
		White	American	American	Japanese	Chinese	Filipino	Asian	Other	Unk		
Klickitat	1	1	0	0	0	0	0	0	0	0	0	0
Lewis	4	4	0	0	0	0	0	0	0	0	0	1
Lincoln	2	2	0	0	0	0	0	0	0	0	0	0
Mason	8	6	0	1	0	0	0	0	0	0	1	0
Okanogan	1	1	0	0	0	0	0	0	0	0	0	0
Pacific	2	2	0	0	0	0	0	0	0	0	0	0
Pend Oreille	1	1	0	0	0	0	0	0	0	0	0	0
Pierce	75	48	16	0	0	0	0	6	0	5	5	5
Lakewood	3	2	1	0	0	0	0	0	0	0	0	0
Puyallup	8	6	1	0	0	0	0	0	0	1	0	0
Tacoma	27	13	8	0	0	0	0	3	0	3	2	2
University Place	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	0	0	0	0	0	0
Skagit	9	7	0	1	0	0	0	1	0	0	2	2
Mount Vernon	2	2	0	0	0	0	0	0	0	0	0	1
Skamania	1	1	0	0	0	0	0	0	0	0	0	0
Snohomish	44	32	3	0	0	1	1	2	0	5	0	0
Edmonds	4	3	0	0	0	0	0	0	0	1	0	0
Everett	15	14	0	0	0	0	0	0	0	1	0	0
Lynnwood	4	2	1	0	0	0	0	0	0	1	0	0
Marysville	0	0	0	0	0	0	0	0	0	0	0	0
Mountlake Terrace	0	0	0	0	0	0	0	0	0	0	0	0
Mukilteo	1	1	0	0	0	0	0	0	0	0	0	0
Spokane	29	25	0	1	1	0	0	0	0	2	1	1
Spokane (City)	23	20	0	1	1	0	0	0	0	1	1	1
Stevens	4	3	0	1	0	0	0	0	0	0	0	0
Thurston	9	8	0	0	0	0	1	0	0	0	1	1
Lacey	3	2	0	0	0	0	1	0	0	0	0	0
Olympia	2	2	0	0	0	0	0	0	0	0	1	1
Wahkiakum	0	0	0	0	0	0	0	0	0	0	0	0
Walla Walla	10	8	0	0	0	0	1	1	0	0	1	1
Walla Walla (City)	4	3	0	0	0	0	0	1	0	0	1	1
Whatcom	6	6	0	0	0	0	0	0	0	0	0	0
Bellingham	1	1	0	0	0	0	0	0	0	0	0	0
Whitman	2	2	0	0	0	0	0	0	0	0	0	0
Pullman	0	0	0	0	0	0	0	0	0	0	0	0
Yakima	25	22	0	2	0	0	0	0	0	1	13	13
Yakima (City)	17	16	0	0	0	0	0	0	0	1	9	9

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¹Infant deaths are matched with births to find mother's race/ethnicity.

²Residence is the infant's at the time of death.

³Persons of Hispanic Origin may be of any race. See Appendix A, "Hispanic Origin."

Table 41. Infant Deaths by Child's Race/Ethnicity¹ by Place of Residence², 1996

County and City	Total	African		Native		Other					Hispanic ³
		White	American	American	Japanese	Chinese	Filipino	Asian	Other	Unk	
State Total	467	337	55	17	2	2	6	25	0	23	64
Adams	3	3	0	0	0	0	0	0	0	0	2
Asotin	4	4	0	0	0	0	0	0	0	0	0
Benton	13	12	0	0	0	1	0	0	0	0	4
Kennewick	5	5	0	0	0	0	0	0	0	0	3
Richland	5	4	0	0	0	1	0	0	0	0	1
Chelan	5	4	1	0	0	0	0	0	0	0	1
Wenatchee	2	1	1	0	0	0	0	0	0	0	0
Clallam	3	3	0	0	0	0	0	0	0	0	0
Port Angeles	0	0	0	0	0	0	0	0	0	0	0
Clark	30	22	5	1	0	0	0	2	0	0	1
Vancouver	14	11	3	0	0	0	0	0	0	0	1
Columbia	0	0	0	0	0	0	0	0	0	0	0
Cowlitz	9	8	1	0	0	0	0	0	0	0	2
Longview	5	4	1	0	0	0	0	0	0	0	2
Douglas	2	2	0	0	0	0	0	0	0	0	1
Ferry	2	1	0	0	0	0	0	0	0	1	0
Franklin	4	4	0	0	0	0	0	0	0	0	3
Pasco	3	3	0	0	0	0	0	0	0	0	3
Garfield	0	0	0	0	0	0	0	0	0	0	0
Grant	10	10	0	0	0	0	0	0	0	0	4
Grays Harbor	4	3	0	0	0	0	0	0	0	1	0
Aberdeen	1	1	0	0	0	0	0	0	0	0	0
Island	4	2	0	0	0	0	1	1	0	0	0
Oak Harbor	2	0	0	0	0	0	1	1	0	0	0
Jefferson	3	2	0	1	0	0	0	0	0	0	0
King	118	70	19	5	1	0	4	10	0	9	7
Auburn	2	1	1	0	0	0	0	0	0	0	0
Bellevue	6	5	0	0	0	0	0	1	0	0	0
Burien	2	0	1	0	0	0	0	1	0	0	0
Des Moines	2	0	0	0	0	0	0	2	0	0	0
Federal Way	7	6	0	0	0	0	0	0	0	1	0
Kent	16	10	2	0	0	0	1	2	0	1	0
Kirkland	0	0	0	0	0	0	0	0	0	0	0
Mercer Island	0	0	0	0	0	0	0	0	0	0	0
Redmond	2	2	0	0	0	0	0	0	0	0	0
Renton	5	3	2	0	0	0	0	0	0	0	0
Sea Tac	4	2	2	0	0	0	0	0	0	0	1
Seattle	43	21	9	3	0	0	2	3	0	5	5
Kitsap	16	14	2	0	0	0	0	0	0	0	1
Bainbridge Island	0	0	0	0	0	0	0	0	0	0	0
Bremerton	4	3	1	0	0	0	0	0	0	0	1
Kittitas	4	4	0	0	0	0	0	0	0	0	1

Table 41. Infant Deaths by Child's Race/Ethnicity¹ by Place of Residence², 1996

County and City	Total	African		Native		Other					Hispanic ³	
		White	American	American	Japanese	Chinese	Filipino	Asian	Other	Unk		
Klickitat	1	1	0	0	0	0	0	0	0	0	0	0
Lewis	4	4	0	0	0	0	0	0	0	0	0	2
Lincoln	2	2	0	0	0	0	0	0	0	0	0	0
Mason	8	6	0	1	0	0	0	0	0	0	1	1
Okanogan	1	1	0	0	0	0	0	0	0	0	0	0
Pacific	2	1	0	0	0	0	0	0	1	0	0	1
Pend Oreille	1	1	0	0	0	0	0	0	0	0	0	0
Pierce	75	48	18	0	0	0	0	5	0	4	8	8
Lakewood	3	2	1	0	0	0	0	0	0	0	0	0
Puyallup	8	6	1	0	0	0	0	0	0	0	1	0
Tacoma	27	14	8	0	0	0	0	3	0	2	4	4
University Place	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	0	0	0	0	0	0
Skagit	9	7	1	1	0	0	0	0	0	0	0	2
Mount Vernon	2	2	0	0	0	0	0	0	0	0	0	1
Skamania	1	1	0	0	0	0	0	0	0	0	0	0
Snohomish	44	32	3	0	0	1	1	3	0	4	1	1
Edmonds	4	3	0	0	0	0	0	0	0	0	1	0
Everett	15	14	1	0	0	0	0	0	0	0	0	0
Lynnwood	4	2	0	0	0	0	0	1	0	1	0	0
Marysville	0	0	0	0	0	0	0	0	0	0	0	0
Mountlake Terrace	0	0	0	0	0	0	0	0	0	0	0	0
Mukilteo	1	1	0	0	0	0	0	0	0	0	0	0
Spokane	29	23	0	3	1	0	0	0	0	2	1	1
Spokane (City)	23	18	0	3	1	0	0	0	0	1	1	1
Stevens	4	2	0	2	0	0	0	0	0	0	0	0
Thurston	9	5	4	0	0	0	0	0	0	0	0	2
Lacey	3	1	2	0	0	0	0	0	0	0	0	0
Olympia	2	1	1	0	0	0	0	0	0	0	0	1
Wahkiakum	0	0	0	0	0	0	0	0	0	0	0	0
Walla Walla	10	7	0	1	0	0	0	2	0	0	3	3
Walla Walla (City)	4	3	0	0	0	0	0	1	0	0	1	1
Whatcom	6	6	0	0	0	0	0	0	0	0	0	1
Bellingham	1	1	0	0	0	0	0	0	0	0	0	0
Whitman	2	2	0	0	0	0	0	0	0	0	0	0
Pullman	0	0	0	0	0	0	0	0	0	0	0	0
Yakima	25	20	1	2	0	0	0	1	0	1	15	15
Yakima (City)	17	14	1	0	0	0	0	1	0	1	11	11

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¹Infant deaths are matched with births to find infant's race/ethnicity at birth.

²Residence is the infant's at the time of death.

³Persons of Hispanic Origin may be of any race. See Appendix A, "Hispanic Origin."

Table 42. Infant Deaths by Mother's Age Group¹ by Place of Residence², 1996

County and City	All Ages	Under							45 and Over	Age Unk
		15	15-19	20-24	25-29	30-34	35-39	40-44		
State Total	467	1	86	117	100	101	43	17	0	2
Adams	3	0	1	0	1	0	1	0	0	0
Asotin	4	0	1	0	2	1	0	0	0	0
Benton	13	0	2	5	0	5	0	1	0	0
Kennewick	5	0	1	1	0	3	0	0	0	0
Richland	5	0	1	1	0	2	0	1	0	0
Chelan	5	0	1	3	0	1	0	0	0	0
Wenatchee	2	0	0	2	0	0	0	0	0	0
Clallam	3	0	0	0	2	0	1	0	0	0
Port Angeles	0	0	0	0	0	0	0	0	0	0
Clark	30	0	6	10	6	5	3	0	0	0
Vancouver	14	0	3	3	2	4	2	0	0	0
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	9	1	0	4	2	0	1	1	0	0
Longview	5	1	0	2	2	0	0	0	0	0
Douglas	2	0	0	0	1	1	0	0	0	0
Ferry	2	0	1	1	0	0	0	0	0	0
Franklin	4	0	0	2	0	2	0	0	0	0
Pasco	3	0	0	2	0	1	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	10	0	5	2	1	1	0	1	0	0
Grays Harbor	4	0	0	3	1	0	0	0	0	0
Aberdeen	1	0	0	1	0	0	0	0	0	0
Island	4	0	0	1	1	2	0	0	0	0
Oak Harbor	2	0	0	0	1	1	0	0	0	0
Jefferson	3	0	0	1	1	1	0	0	0	0
King	118	0	18	18	28	31	14	7	0	2
Auburn	2	0	0	0	1	1	0	0	0	0
Bellevue	6	0	0	1	1	4	0	0	0	0
Burien	2	0	1	0	1	0	0	0	0	0
Des Moines	2	0	1	0	0	0	1	0	0	0
Federal Way	7	0	2	0	3	0	1	0	0	1
Kent	16	0	1	2	2	6	1	3	0	1
Kirkland	0	0	0	0	0	0	0	0	0	0
Mercer Island	0	0	0	0	0	0	0	0	0	0
Redmond	2	0	0	0	1	0	1	0	0	0
Renton	5	0	0	1	1	1	1	1	0	0
Sea Tac	4	0	2	0	0	1	0	1	0	0
Seattle	43	0	8	9	10	8	7	1	0	0
Kitsap	16	0	7	3	4	0	2	0	0	0
Bainbridge Island	0	0	0	0	0	0	0	0	0	0
Bremerton	4	0	1	1	1	0	1	0	0	0
Kittitas	4	0	1	2	0	1	0	0	0	0

Table 42. Infant Deaths by Mother's Age Group¹ by Place of Residence², 1996

County and City	All Ages	Under							45 and Over	Age Unk
		15	15-19	20-24	25-29	30-34	35-39	40-44		
Klickitat	1	0	0	0	1	0	0	0	0	0
Lewis	4	0	1	1	2	0	0	0	0	0
Lincoln	2	0	1	0	0	1	0	0	0	0
Mason	8	0	2	2	2	1	1	0	0	0
Okanogan	1	0	0	0	0	1	0	0	0	0
Pacific	2	0	0	1	1	0	0	0	0	0
Pend Oreille	1	0	0	1	0	0	0	0	0	0
Pierce	75	0	16	14	16	16	8	5	0	0
Lakewood	3	0	2	1	0	0	0	0	0	0
Puyallup	8	0	2	1	1	3	1	0	0	0
Tacoma	27	0	7	4	4	5	5	2	0	0
University Place	0	0	0	0	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	0	0	0	0
Skagit	9	0	0	2	6	0	0	1	0	0
Mount Vernon	2	0	0	0	2	0	0	0	0	0
Skamania	1	0	0	1	0	0	0	0	0	0
Snohomish	44	0	6	10	10	14	4	0	0	0
Edmonds	4	0	0	1	1	2	0	0	0	0
Everett	15	0	1	7	4	3	0	0	0	0
Lynnwood	4	0	0	1	1	2	0	0	0	0
Marysville	0	0	0	0	0	0	0	0	0	0
Mountlake Terrace	0	0	0	0	0	0	0	0	0	0
Mukilteo	1	0	0	1	0	0	0	0	0	0
Spokane	29	0	5	9	4	7	3	1	0	0
Spokane (City)	23	0	4	7	2	6	3	1	0	0
Stevens	4	0	2	0	1	1	0	0	0	0
Thurston	9	0	0	5	3	1	0	0	0	0
Lacey	3	0	0	1	2	0	0	0	0	0
Olympia	2	0	0	1	1	0	0	0	0	0
Wahkiakum	0	0	0	0	0	0	0	0	0	0
Walla Walla	10	0	4	2	1	3	0	0	0	0
Walla Walla (City)	4	0	1	1	1	1	0	0	0	0
Whatcom	6	0	2	3	0	1	0	0	0	0
Bellingham	1	0	0	1	0	0	0	0	0	0
Whitman	2	0	0	0	1	1	0	0	0	0
Pullman	0	0	0	0	0	0	0	0	0	0
Yakima	25	0	4	11	2	3	5	0	0	0
Yakima (City)	17	0	1	8	0	3	5	0	0	0

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¹Infant deaths are matched with births to find mother's age.

²Residence is the infant's at the time of death.

Table 43. Fetal Deaths, Perinatal, Neonatal and Infant Mortality by Place of Residence, 1996

County and City	Fetal Deaths ¹		Perinatal Mortality ²		Neonatal Mortality ³		Infant Mortality ⁴	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
State Total	462	5.9	704	9.0	292	3.7	467	6.0
Adams	1	--*	3	--*	3	--*	3	--*
Asotin	5	20.7	8	32.5	3	--*	4	--*
Benton	15	7.5	16	7.9	2	--*	13	6.5
Kennewick	8	9.5	8	9.4	0	--*	5	5.9
Richland	4	--*	4	--*	1	--*	5	10.2
Chelan	7	7.1	9	9.1	2	--*	5	5.1
Wenatchee	1	--*	1	--*	0	--*	2	--*
Clallam	3	--*	5	7.8	2	--*	3	--*
Port Angeles	2	--*	2	--*	0	--*	0	--*
Clark	26	5.5	43	9.0	19	4.0	30	6.3
Vancouver	18	11.6	27	17.2	10	6.4	14	9.0
Columbia	2	--*	2	--*	0	--*	0	--*
Cowlitz	7	5.6	12	9.6	5	4.0	9	7.2
Longview	1	--*	3	--*	2	--*	5	10.0
Douglas	7	15.3	7	15.1	1	--*	2	--*
Ferry	1	--*	3	--*	2	--*	2	--*
Franklin	8	7.6	8	7.5	0	--*	4	--*
Pasco	7	9.4	7	9.3	0	--*	3	--*
Garfield	0	--*	0	--*	0	--*	0	--*
Grant	9	7.0	15	11.5	7	5.4	10	7.7
Grays Harbor	5	5.6	8	8.9	3	--*	4	--*
Aberdeen	3	--*	4	--*	1	--*	1	--*
Island	5	5.1	8	8.1	3	--*	4	--*
Oak Harbor	2	--*	3	--*	1	--*	2	--*
Jefferson	0	--*	2	--*	2	--*	3	--*
King	138	6.4	202	9.3	77	3.6	118	5.5
Auburn	6	8.2	8	10.9	2	--*	2	--*
Bellevue	11	8.4	16	12.2	6	4.6	6	4.6
Burien	0	--*	0	--*	0	--*	2	--*
Des Moines	0	--*	1	--*	1	--*	2	--*
Federal Way	6	5.6	10	9.2	5	4.6	7	6.5
Kent	9	6.5	14	10.0	7	5.1	16	11.6
Kirkland	7	9.0	7	8.9	0	--*	0	--*
Mercer Island	0	--*	0	--*	0	--*	0	--*
Redmond	4	--*	4	--*	2	--*	2	--*
Renton	3	--*	5	5.2	3	--*	5	5.2
Sea Tac	3	--*	7	71.4	4	--*	4	--*
Seattle	54	7.7	81	11.4	32	4.6	43	6.1
Kitsap	19	5.8	30	9.1	11	3.4	16	4.9
Bainbridge Island	0	--*	0	--*	0	--*	0	--*
Bremerton	7	6.4	11	10.0	4	--*	4	--*
Kittitas	2	--*	5	15.0	3	--*	4	--*

Table 43. Fetal Deaths, Perinatal, Neonatal and Infant Mortality by Place of Residence, 1996

County and City	Fetal Deaths ¹		Perinatal Mortality ²		Neonatal Mortality ³		Infant Mortality ⁴	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
Klickitat	3	--*	3	--*	0	--*	1	--*
Lewis	4	--*	5	5.6	1	--*	4	--*
Lincoln	2	--*	3	--*	2	--*	2	--*
Mason	3	--*	5	9.3	3	--*	8	14.9
Okanogan	3	--*	4	--*	1	--*	1	--*
Pacific	0	--*	1	--*	1	--*	2	--*
Pend Oreille	0	--*	0	--*	0	--*	1	--*
Pierce	39	4.1	80	8.3	53	5.5	75	7.8
Lakewood	1	--*	2	--*	1	--*	3	--*
Puyallup	4	--*	9	15.1	7	11.8	8	13.5
Tacoma	15	4.7	30	9.4	21	6.6	27	8.5
University Place	1	--*	1	--*	0	--*	0	--*
San Juan	2	--*	2	--*	0	--*	0	--*
Skagit	16	12.4	19	14.5	5	3.9	9	7.0
Mount Vernon	3	--*	3	--*	1	--*	2	--*
Skamania	0	--*	1	--*	1	--*	1	--*
Snohomish	39	4.9	60	7.5	25	3.2	44	5.6
Edmonds	1	--*	3	--*	3	--*	4	--*
Everett	11	5.8	16	8.4	6	3.2	15	7.9
Lynnwood	2	--*	4	--*	2	--*	4	--*
Marysville	5	10.3	5	10.2	0	--*	0	--*
Mountlake Terrace	0	--*	0	--*	0	--*	0	--*
Mukilteo	1	--*	2	--*	1	--*	1	--*
Spokane	29	5.2	42	7.4	17	3.0	29	5.2
Spokane (City)	12	3.7	21	6.4	13	4.0	23	7.1
Stevens	2	--*	3	--*	1	--*	4	--*
Thurston	17	7.0	22	9.0	6	2.5	9	3.7
Lacey	1	--*	4	--*	3	--*	3	--*
Olympia	8	10.8	9	12.0	1	--*	2	--*
Wahkiakum	0	--*	0	--*	0	--*	0	--*
Walla Walla	5	6.4	11	14.0	7	9.0	10	12.8
Walla Walla (City)	2	--*	4	--*	2	--*	4	--*
Whatcom	8	4.2	11	5.7	4	--*	6	3.1
Bellingham	2	--*	2	--*	0	--*	1	--*
Whitman	0	--*	0	--*	1	--*	2	--*
Pullman	0	--*	0	--*	0	--*	0	--*
Yakima	30	7.2	46	10.9	19	4.5	25	6.0
Yakima (City)	9	6.2	20	13.7	14	9.6	17	11.7

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¹Fetal death ratio = fetal deaths per 1,000 live births.

²Perinatal mortality rate = fetal deaths plus deaths to infants within first 6 days of life per 1,000 live births plus fetal deaths.

³Neonatal mortality rate = deaths to infants within first 27 days of life per 1,000 live births.

⁴Infant mortality rate = deaths to infants under one year of age per 1,000 live births.

*Rate or ratio not calculated because number of deaths was less than 5.

Table 44. Fetal Deaths, Perinatal, Neonatal and Infant Mortality by Place of Occurrence, 1996

County and City	Fetal Deaths ¹		Perinatal Mortality ²		Neonatal Mortality ³		Infant Mortality ⁴	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
State Total	454	5.9	695	9.1	289	3.8	462	6.1
Adams	4	—*	4	—*	1	—*	2	—*
Asotin	0	—*	0	—*	0	—*	0	—*
Benton	19	6.8	22	7.8	3	—*	8	2.9
Kennewick	6	5.5	6	5.4	0	—*	1	—*
Richland	9	7.0	12	9.2	3	—*	5	3.9
Chelan	13	8.9	15	10.1	2	—*	4	—*
Wenatchee	12	8.9	13	9.6	1	—*	2	—*
Clallam	1	—*	1	—*	0	—*	0	—*
Port Angeles	1	—*	1	—*	0	—*	0	—*
Clark	14	4.7	21	7.0	8	2.7	15	5.0
Vancouver	14	4.7	20	6.7	7	2.4	12	4.0
Columbia	0	—*	0	—*	0	—*	0	—*
Cowlitz	7	5.2	11	8.1	4	—*	8	6.0
Longview	6	4.5	9	6.7	3	—*	7	5.2
Douglas	0	—*	0	—*	0	—*	0	—*
Ferry	0	—*	0	—*	0	—*	0	—*
Franklin	4	—*	4	—*	0	—*	2	—*
Pasco	4	—*	4	—*	0	—*	2	—*
Garfield	0	—*	0	—*	0	—*	0	—*
Grant	3	—*	5	5.0	2	—*	4	—*
Grays Harbor	5	8.7	5	8.7	0	—*	1	—*
Aberdeen	5	8.9	5	8.8	0	—*	1	—*
Island	2	—*	3	—*	1	—*	2	—*
Oak Harbor	2	—*	3	—*	1	—*	1	—*
Jefferson	0	—*	1	—*	1	—*	2	—*
King	178	7.1	275	11.0	127	5.1	190	7.6
Auburn	6	8.5	6	8.5	0	—*	1	—*
Bellevue	8	2.8	9	3.1	1	—*	1	—*
Burien	2	—*	2	—*	0	—*	1	—*
Des Moines	0	—*	0	—*	0	—*	1	—*
Federal Way	8	4.7	8	4.7	1	—*	3	—*
Kent	0	—*	0	—*	0	—*	6	315.8
Kirkland	19	6.8	20	7.1	1	—*	1	—*
Mercer Island	0	—*	0	—*	0	—*	0	—*
Redmond	8	6.6	8	6.6	0	—*	1	—*
Renton	8	2.8	12	4.2	4	—*	5	1.7
Sea Tac	0	—*	0	—*	0	—*	0	—*
Seattle	116	9.7	206	17.1	118	9.9	161	13.5
Kitsap	16	5.9	19	6.9	3	—*	5	1.8
Bainbridge Island	0	—*	0	—*	0	—*	0	—*
Bremerton	16	5.9	19	7.0	3	—*	5	1.9
Kittitas	1	—*	1	—*	0	—*	2	—*

Table 44. Fetal Deaths, Perinatal, Neonatal and Infant Mortality by Place of Occurrence, 1996

County and City	Fetal Deaths ¹		Perinatal Mortality ²		Neonatal Mortality ³		Infant Mortality ⁴	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
Klickitat	1	—*	1	—*	0	—*	1	—*
Lewis	4	—*	5	7.4	1	—*	4	—*
Lincoln	1	—*	1	—*	0	—*	0	—*
Mason	2	—*	2	—*	0	—*	3	—*
Okanogan	3	—*	3	—*	0	—*	1	—*
Pacific	0	—*	0	—*	0	—*	2	—*
Pend Oreille	0	—*	0	—*	0	—*	1	—*
Pierce	45	4.4	99	9.7	61	6.0	84	8.3
Lakewood	0	—*	0	—*	0	—*	2	—*
Puyallup	4	—*	5	3.6	1	—*	2	—*
Tacoma	40	4.7	92	10.6	59	6.9	77	9.0
University Place	0	—*	0	—*	0	—*	0	—*
San Juan	0	—*	0	—*	0	—*	0	—*
Skagit	14	9.6	16	10.9	3	—*	5	3.4
Mount Vernon	12	9.7	13	10.4	2	—*	3	—*
Skamania	0	—*	0	—*	0	—*	0	—*
Snohomish	22	3.9	28	5.0	6	1.1	17	3.0
Edmonds	5	3.4	5	3.4	0	—*	0	—*
Everett	14	4.3	18	5.4	4	—*	11	3.3
Lynnwood	0	—*	0	—*	0	—*	2	—*
Marysville	0	—*	0	—*	0	—*	0	—*
Mountlake Terrace	0	—*	0	—*	0	—*	0	—*
Mukilteo	0	—*	0	—*	0	—*	0	—*
Spokane	35	5.4	72	11.1	43	6.7	62	9.6
Spokane (City)	35	5.5	72	11.2	43	6.7	62	9.7
Stevens	2	—*	3	—*	1	—*	3	—*
Thurston	15	5.6	16	5.9	1	—*	3	—*
Lacey	0	—*	0	—*	0	—*	0	—*
Olympia	15	5.6	16	6.0	1	—*	2	—*
Wahkiakum	0	—*	0	—*	0	—*	0	—*
Walla Walla	7	7.4	9	9.5	3	—*	7	7.4
Walla Walla (City)	7	7.4	9	9.5	3	—*	7	7.4
Whatcom	9	4.8	10	5.3	1	—*	2	—*
Bellingham	9	4.9	10	5.4	1	—*	2	—*
Whitman	0	—*	0	—*	0	—*	1	—*
Pullman	0	—*	0	—*	0	—*	0	—*
Yakima	27	6.7	43	10.6	17	4.2	21	5.2
Yakima (City)	18	6.3	32	11.1	15	5.2	17	5.9

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¹Fetal death ratio = fetal deaths per 1,000 live births.

²Perinatal mortality rate = fetal deaths plus deaths to infants within first 6 days of life per 1,000 live births plus fetal deaths.

³Neonatal mortality rate = deaths to infants within first 27 days of life per 1,000 live births.

⁴Infant mortality rate = deaths to infants under one year of age per 1,000 live births.

*Rate or ratio not calculated because number of deaths was less than 5.

Table 45. Fetal Deaths by Mother's Age Group by Place of Residence, 1996

County	All Ages	Under								45 and Over	Unk
		15	15-17	18-19	20-24	25-29	30-34	35-39	40-44		
State Total	462	1	21	29	87	121	99	63	20	2	19
Adams	1	0	0	0	1	0	0	0	0	0	0
Asotin	5	0	0	0	1	1	1	2	0	0	0
Benton	15	0	0	0	6	2	1	3	2	0	1
Chelan	7	0	1	0	2	0	4	0	0	0	0
Ciallam	3	0	1	0	0	0	2	0	0	0	0
Clark	26	0	2	3	2	8	5	6	0	0	0
Columbia	2	0	0	0	1	1	0	0	0	0	0
Cowlitz	7	0	1	0	2	2	1	1	0	0	0
Douglas	7	0	0	1	3	2	0	0	1	0	0
Ferry	1	0	0	0	0	1	0	0	0	0	0
Franklin	8	0	0	0	1	2	2	0	1	0	2
Garfield	0	0	0	0	0	0	0	0	0	0	0
Grant	9	0	0	2	1	2	0	2	0	0	2
Grays Harbor	5	0	0	1	0	3	1	0	0	0	0
Island	5	0	0	0	1	0	2	1	1	0	0
Jefferson	0	0	0	0	0	0	0	0	0	0	0
King	138	0	3	6	16	41	33	20	7	1	11
Kitsap	19	0	1	3	10	1	3	1	0	0	0
Kittitas	2	0	0	1	0	0	0	0	1	0	0
Klickitat	3	0	0	1	0	0	1	0	1	0	0
Lewis	4	0	0	0	1	1	1	1	0	0	0
Lincoln	2	0	0	0	1	1	0	0	0	0	0
Mason	3	0	0	0	0	2	1	0	0	0	0
Okanogan	3	0	1	1	0	1	0	0	0	0	0
Pacific	0	0	0	0	0	0	0	0	0	0	0
Pend Oreille	0	0	0	0	0	0	0	0	0	0	0
Pierce	39	1	4	3	9	12	3	5	2	0	0
San Juan	2	0	0	0	0	2	0	0	0	0	0
Skagit	16	0	1	0	4	3	5	1	1	1	0
Skamania	0	0	0	0	0	0	0	0	0	0	0
Snohomish	39	0	1	3	7	4	11	9	1	0	3
Spokane	29	0	1	0	6	9	7	6	0	0	0
Stevens	2	0	0	0	1	1	0	0	0	0	0
Thurston	17	0	1	2	5	4	4	0	1	0	0
Wahkiakum	0	0	0	0	0	0	0	0	0	0	0
Walla Walla	5	0	1	0	1	1	2	0	0	0	0
Whatcom	8	0	1	2	0	2	2	1	0	0	0
Whitman	0	0	0	0	0	0	0	0	0	0	0
Yakima	30	0	1	0	5	12	7	4	1	0	0

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Table 46. Fetal Mortality to Residents by Cause, 1996

Cause with International List Number	Number
Total All Causes	(462)
Congenital Anomalies (740-759)¹	(58)
Anencephalus (740)	9
Spina Bifida (741)	0
Other Anomalies of the Central Nervous System (742)	2
Anomalies of the Heart (745-746)	8
Other Anomalies of Circulatory System (747)	1
Anomalies of Respiratory System (748)	2
Anomalies of Digestive System (749-751)	0
Anomalies of the Genitourinary System (752-753)	3
Anomalies of Musculoskeletal System (754-756)	2
Chromosomal Anomalies (758)	13
Other and Unspecified Congenital Anomalies (743-744,757,759)	18
Certain Causes of Perinatal Morbidity and Mortality (760-779)	(401)
Maternal Conditions which may be Unrelated to Pregnancy (760) ²	(16)
Chronic Hypertension (760.0)	10
Maternal Infections (760.2)	0
Maternal Injury (760.5)	3
Other Maternal Conditions (760.1,760.3-760.4,760.6-760.9)	3
Maternal Conditions Related to Pregnancy (761)	(51)
Incompetent Cervix (761.0)	13
Premature Rupture of Membranes (761.1)	21
Other Maternal Conditions (761.2-761.9)	17
Complications of Placenta, Cord, and Membranes (762)	(142)
Complications of Placenta (762.0-762.3)	59
Complications of Cord (762.4-762.6)	80
Complications of Membranes (762.7-762.9)	3
Complications of Labor (763)	2
Other Complications of Pregnancy and Childbirth (764-767)	29
Intrauterine Hypoxia (768)	7
Diseases of the Fetus and Ill-defined Causes (769-779)	(154)
Respiratory Conditions (769-770)	1
Infections Specific to the Perinatal Period (771)	1
Fetal Hemorrhage (772)	4
Haemolytic Disease and Other Perinatal Jaundice (773-774)	2
Endocrine and Metabolic Disturbances (775)	3
Haematological Disorders (776)	0
Disorders of Digestive System (777)	0
Conditions Involving the Integument and Temperature (778)	8
Other Conditions of Fetus (779)	135
All Other Causes (001-739,780-799)	(3)

¹Group totals are shown in bold.

²Sub-group totals are shown in parentheses.

Table 47. Fetal Mortality to Residents by Weight in Grams by Sex, 1996

Weight in Grams	Total	Male	Female	Unknown
State Totals	462	240	217	5
Under 1,000	194	102	90	2
1,000 - 1,499	36	18	17	1
1,500 - 1,999	20	10	10	0
2,000 - 2,499	35	18	17	0
2,500 - 2,999	31	14	17	0
3,000 - 3,499	41	23	18	0
3,500 - 3,999	16	8	8	0
4,000 - 4,499	5	3	2	0
4,500 and over	0	0	0	0
Unknown	84	44	38	2

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Marriage and Divorce



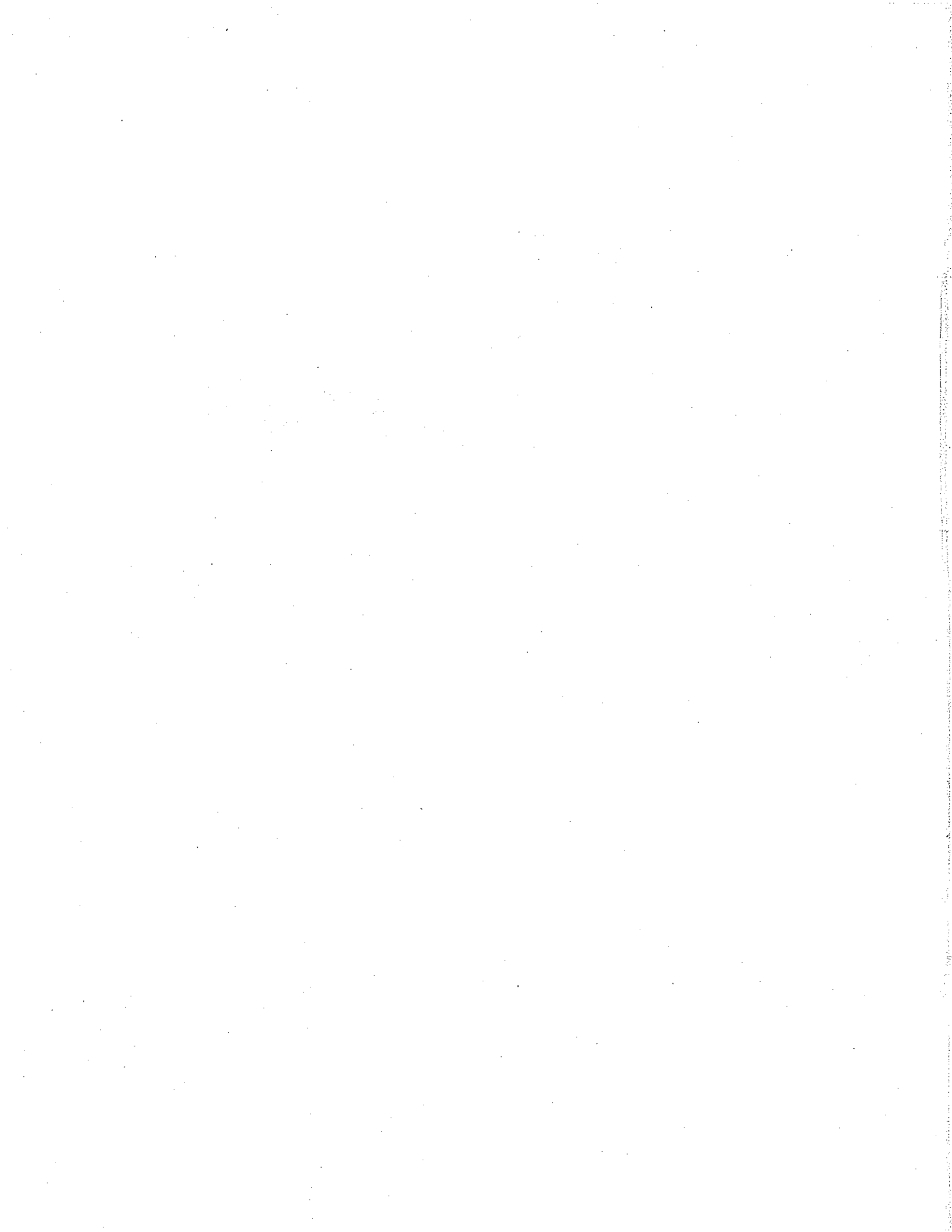


Table 48. Marriages by Woman's Age and County where Ceremony was Performed, 1996

County	Total	Under										65 and Over	Unk
		20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64		
State Total	41,166	3,727	11,108	9,200	5,721	4,219	2,877	1,989	949	430	301	482	163
Adams	118	29	38	17	7	9	7	3	3	1	2	1	1
Asotin	118	14	37	21	13	11	9	5	0	2	0	4	2
Benton	934	124	304	149	115	83	58	50	20	9	7	10	5
Chelan	752	75	183	154	97	90	47	46	23	13	11	11	2
Clallam	470	46	124	88	54	56	29	32	9	12	7	12	1
Clark	2,704	257	715	550	379	285	197	134	74	49	27	36	1
Columbia	40	5	7	7	6	5	3	3	2	1	1	0	0
Cowlitz	750	99	201	145	91	62	46	44	27	8	2	23	2
Douglas	126	13	35	29	16	7	10	8	4	1	2	1	0
Ferry	47	7	15	4	4	4	5	5	1	1	0	0	1
Franklin	357	72	111	65	35	23	20	8	9	0	4	8	2
Garfield	15	0	8	3	2	1	0	0	0	0	0	0	1
Grant	385	68	112	69	56	31	16	14	4	2	3	8	2
Grays Harbor	560	63	136	105	70	64	46	35	17	9	6	8	1
Island	569	52	168	114	73	59	29	32	19	6	6	9	2
Jefferson	293	22	45	62	57	34	36	19	8	4	2	4	0
King	12,170	609	2920	3288	2035	1342	824	580	248	100	63	97	64
Kitsap	1,805	253	518	370	207	143	137	84	38	18	10	23	4
Kittitas	205	16	61	34	31	20	14	16	8	0	1	4	0
Klickitat	125	15	26	26	12	12	8	6	5	3	3	9	0
Lewis	554	78	173	96	47	43	45	21	17	10	8	14	2
Lincoln	62	8	26	12	4	1	3	1	2	2	2	1	0
Mason	308	48	69	44	39	35	28	17	8	5	7	7	1
Okanogan	302	41	80	53	35	36	23	14	9	5	0	5	1
Pacific	220	16	49	33	25	30	22	22	5	7	5	6	0
Pend Oreille	58	13	19	5	6	6	3	6	0	0	0	0	0
Pierce	5,500	537	1601	1196	716	547	404	237	117	46	35	48	16
San Juan	323	8	32	73	76	57	30	22	13	7	2	1	2
Skagit	802	74	222	167	118	68	66	42	14	5	4	19	3
Skamania	125	12	17	19	18	17	15	14	8	2	3	0	0
Snohomish	3,234	278	880	654	463	371	251	166	70	41	23	32	5
Spokane	2,207	198	740	485	243	197	128	99	41	20	19	17	20
Stevens	161	29	51	18	20	15	14	5	6	1	1	1	0
Thurston	1,421	141	393	314	174	141	99	65	46	17	10	18	3
Wahkiakum	21	2	5	4	3	3	2	1	1	0	0	0	0
Walla Walla	418	54	132	80	46	37	27	12	12	4	4	8	2
Whatcom	1,129	79	309	297	135	127	78	52	28	4	3	10	7
Whitman	165	11	63	43	16	11	6	8	4	0	1	1	1
Yakima	1,613	261	483	307	177	136	92	61	29	15	17	26	9
Tribal Authority	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 49. Marriages by Man's Age and County where Ceremony was Performed, 1996

County	Total	Under										65 and Over	Unk
		20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64		
State Total	41,166	1,407	9,463	9,994	6,538	4,714	3,217	2,353	1,336	707	445	820	172
Adams	118	8	37	28	21	5	5	4	1	2	3	3	1
Asotin	118	7	32	25	14	11	7	9	5	1	2	4	1
Benton	934	60	260	195	140	90	75	56	22	7	9	19	1
Chelan	752	30	158	177	110	81	55	54	31	16	12	24	4
Clallam	470	13	110	103	54	55	42	34	18	13	10	18	0
Clark	2,704	106	598	605	405	344	226	170	89	63	28	65	5
Columbia	40	1	9	9	5	5	3	2	2	2	0	1	1
Cowlitz	750	37	170	171	108	91	49	43	23	18	14	26	0
Douglas	126	4	28	34	24	6	7	8	7	2	1	4	1
Ferry	47	2	15	10	4	1	3	5	3	3	0	1	0
Franklin	357	24	107	94	37	34	24	11	3	5	5	10	3
Garfield	15	0	5	8	0	0	0	0	0	1	0	0	1
Grant	385	28	118	100	45	24	23	17	11	2	4	10	3
Grays Harbor	560	28	115	119	84	70	49	35	20	12	9	16	3
Island	569	28	143	134	71	71	35	28	21	9	9	15	5
Jefferson	293	4	46	52	55	39	45	17	13	5	8	7	2
King	12,170	206	2,180	3,270	2,359	1,542	1,008	698	397	163	110	183	54
Kitsap	1,805	72	550	379	258	189	111	105	60	28	13	35	5
Kittitas	205	3	51	44	29	30	14	14	6	4	3	6	1
Klickitat	125	4	20	29	24	7	10	8	4	3	3	13	0
Lewis	554	30	173	110	48	68	42	19	27	11	6	18	2
Lincoln	62	5	21	14	5	4	3	1	1	0	1	6	1
Mason	308	20	78	55	46	31	20	22	10	4	8	13	1
Okanogan	302	16	78	55	39	33	36	19	13	4	2	6	1
Pacific	220	5	37	47	24	27	23	18	17	8	5	8	1
Pend Oreille	58	5	20	10	7	4	2	6	2	1	1	0	0
Pierce	5,500	238	1,423	1,362	781	606	386	280	175	93	49	82	25
San Juan	323	3	29	66	66	51	39	26	23	6	10	3	1
Skagit	802	32	194	167	138	77	70	49	24	19	10	21	1
Skamania	125	5	14	24	20	17	14	12	2	7	4	5	1
Snohomish	3,234	106	718	733	520	396	283	208	98	63	38	60	11
Spokane	2,207	66	637	548	317	209	147	108	58	39	20	39	19
Stevens	161	7	48	28	16	18	20	15	4	2	1	2	0
Thurston	1,421	53	351	345	189	159	114	83	43	33	18	29	4
Wahkiakum	21	1	4	2	5	2	2	3	2	0	0	0	0
Walla Walla	418	19	118	93	55	42	26	29	13	6	5	12	0
Whatcom	1,129	37	234	311	176	131	90	69	42	13	9	15	2
Whitman	165	2	52	44	28	12	5	5	6	3	3	3	2
Yakima	1,613	92	482	394	211	132	104	63	40	36	12	38	9
Tribal Authority	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 50. Divorces, Annulments, and Legal Separations by County of Decree, 1996

County	Total	Divorce	Annulment	Legal Separation ¹
State Total	27,966	27,796	170	562
Adams	49	48	1	0
Asotin	101	101	0	2
Benton	724	720	4	4
Chelan	435	431	4	3
Clallam	331	331	0	0
Clark	1,283	1,275	8	14
Columbia	18	18	0	0
Cowlitz	569	565	4	5
Douglas	28	28	0	0
Ferry	32	32	0	0
Franklin	182	182	0	0
Garfield	12	12	0	0
Grant	290	286	4	0
Grays Harbor	358	358	0	6
Island	356	353	3	8
Jefferson	113	112	1	3
King	7,000	6,946	54	216
Kitsap	1,165	1,158	7	43
Kititas	108	108	0	4
Klickitat	78	78	0	1
Lewis	346	342	4	3
Lincoln	2,473	2,453	20	50
Mason	219	218	1	2
Okanogan	153	153	0	2
Pacific	95	95	0	0
Pend Oreille	68	68	0	1
Pierce	3,160	3,150	10	52
San Juan	53	53	0	0
Skagit	542	542	0	2
Skamania	85	85	0	1
Snohomish	2,428	2,417	11	39
Spokane	1,887	1,876	11	31
Stevens	167	166	1	6
Thurston	1,054	1,045	9	33
Wahkiakum	11	10	1	1
Walla Walla	286	284	2	2
Whatcom	740	737	3	10
Whitman	92	92	0	3
Yakima	854	847	7	15
Tribal Authority	21	21	0	0

¹Since legal separations are not final dissolutions of marriage they are excluded from the total.

Table 51. Divorces and Annulments by Wife's Age and County of Decree, 1996

County	Total	Under										65 and Over	Unk
		20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64		
State Total	27,966	174	2,626	4,693	4,872	4,788	3,808	2,532	1,300	562	256	287	2,068
Adams	49	1	5	7	8	7	7	4	5	2	1	0	2
Asotin	101	1	11	19	21	18	6	11	6	2	1	0	5
Benton	724	6	92	134	130	134	110	51	32	7	10	2	16
Chelan	435	4	65	65	81	71	62	39	18	5	3	6	16
Clallam	331	4	30	41	44	61	56	28	18	10	7	11	21
Clark	1,283	6	120	232	236	237	188	107	50	16	8	9	74
Columbia	18	0	2	8	0	2	3	1	0	1	1	0	0
Cowlitz	569	6	99	95	100	80	75	49	21	9	5	12	18
Douglas	28	0	2	2	3	7	5	2	1	2	0	0	4
Ferry	32	0	4	1	5	7	3	6	2	2	0	0	2
Franklin	182	0	20	27	31	23	24	12	10	5	3	4	23
Garfield	12	0	1	1	1	3	1	1	1	0	1	1	1
Grant	290	8	37	48	53	64	30	21	9	9	1	2	8
Grays Harbor	358	2	47	43	63	65	37	39	15	9	5	7	26
Island	356	8	73	68	63	54	39	18	7	6	3	6	11
Jefferson	113	1	6	10	17	21	23	12	13	5	1	2	2
King	7,000	23	433	1,069	1,223	1,184	953	700	345	153	58	65	794
Kitsap	1,165	8	147	223	187	177	152	98	47	19	6	13	88
Kittitas	108	0	14	14	21	17	14	11	6	3	3	0	5
Klickitat	78	0	9	13	9	15	12	10	3	1	0	1	5
Lewis	346	1	36	52	56	62	39	29	10	9	7	4	41
Lincoln	2,473	21	275	476	459	415	324	215	91	60	19	25	93
Mason	219	1	22	22	41	39	32	22	15	6	3	4	12
Okanogan	153	3	7	23	28	29	20	9	8	4	1	4	17
Pacific	95	0	12	15	12	18	14	8	2	4	2	4	4
Pend Oreille	68	3	5	6	10	16	12	10	2	1	0	1	2
Pierce	3,160	13	302	598	594	587	397	256	136	48	26	30	173
San Juan	53	0	2	5	9	9	9	12	4	2	0	0	1
Skagit	542	5	59	87	75	74	61	47	24	11	6	6	87
Skamania	85	0	3	19	17	13	13	10	5	2	0	0	3
Snohomish	2,428	6	183	365	449	441	354	241	121	48	25	13	182
Spokane	1,887	21	191	360	314	304	250	158	91	33	23	10	132
Stevens	167	1	13	31	16	18	36	16	16	1	5	2	12
Thurston	1,054	7	100	167	173	206	161	110	52	20	5	17	36
Wahkiakum	11	0	1	0	3	4	0	2	0	1	0	0	0
Walla Walla	286	4	28	42	58	43	40	26	16	8	2	6	13
Whatcom	740	2	70	120	103	111	121	66	40	14	2	6	85
Whitman	92	0	9	21	16	14	13	5	5	4	2	1	2
Yakima	854	7	86	160	141	134	109	69	53	20	10	13	52
Tribal Authority	21	1	5	4	2	4	3	1	0	0	1	0	0

Table 52. Divorces and Annulments by Husband's Age and County of Decree, 1996

County	Total	Under										65 and Over	Unk
		20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64		
State Total	27,966	51	1,605	3,983	4,774	4,666	4,134	3,080	1,804	922	500	528	1,919
Adams	49	1	4	8	5	5	10	8	2	2	0	2	2
Asotin	101	1	7	20	19	11	15	17	2	5	0	2	2
Benton	724	2	45	143	111	123	125	74	46	17	9	10	19
Chehalis	435	1	38	59	96	67	51	42	31	20	3	13	14
Clallam	331	1	25	38	39	52	52	45	26	12	12	19	10
Clark	1,283	2	80	168	242	233	200	132	82	47	15	22	60
Columbia	18	0	1	3	3	4	2	2	1	1	0	1	0
Cowlitz	569	0	54	104	91	90	95	51	26	16	8	17	17
Douglas	28	0	0	3	4	5	7	2	3	0	1	0	3
Ferry	32	1	1	1	2	7	8	5	3	0	2	1	1
Franklin	182	0	14	17	35	27	19	16	12	3	5	9	25
Garfield	12	0	0	2	2	2	2	0	1	1	2	0	0
Grant	290	2	29	51	60	51	34	23	13	7	10	6	4
Grays Harbor	358	1	25	47	64	54	54	40	29	12	6	9	17
Island	356	1	58	75	61	46	46	32	6	9	5	7	10
Jefferson	113	0	3	9	14	13	22	22	17	4	2	4	3
King	7,000	8	217	831	1,184	1,198	1,017	805	504	224	119	115	778
Kitsap	1,165	4	107	208	192	160	163	114	72	30	19	16	80
Kittitas	108	0	11	10	22	21	15	12	5	6	1	3	2
Klickitat	78	0	7	11	9	11	11	12	9	4	0	2	2
Lewis	346	0	23	38	57	55	46	36	24	11	8	8	40
Lincoln	2,473	6	178	404	487	403	363	254	137	72	43	44	82
Mason	219	1	14	23	33	41	36	21	12	13	5	7	13
Okanogan	153	1	6	20	24	23	26	19	6	5	1	4	18
Pacific	95	0	5	17	10	17	14	9	7	6	2	4	4
Pend Oreille	68	2	3	5	10	15	9	12	6	4	0	1	1
Pierce	3,160	4	199	491	584	563	467	338	177	86	48	55	148
San Juan	53	0	2	5	4	5	11	14	5	4	0	3	0
Skagit	542	1	35	71	84	73	51	67	35	16	12	10	87
Skamania	85	0	4	7	13	22	14	14	3	3	1	1	3
Snohomish	2,428	3	93	306	404	456	405	252	168	87	54	31	169
Spokane	1,887	2	118	303	331	295	274	198	105	61	39	35	126
Stevens	167	0	10	18	19	29	22	26	17	7	4	7	8
Thurston	1,054	3	62	147	171	179	166	131	84	56	18	17	20
Wahkiakum	11	0	1	0	0	2	4	1	1	2	0	0	0
Walla Walla	286	1	24	45	39	41	45	37	15	6	7	12	14
Whatcom	740	1	39	107	100	104	105	97	51	30	9	8	89
Whitman	92	0	3	22	17	12	14	10	3	3	5	2	1
Yakima	854	1	58	140	129	150	111	88	58	30	24	20	45
Tribal Authority	21	0	2	6	3	1	3	2	0	0	1	1	2

**Table 53. Divorces and Annulments by Number of Children¹
and County of Wife's Residence², 1996**

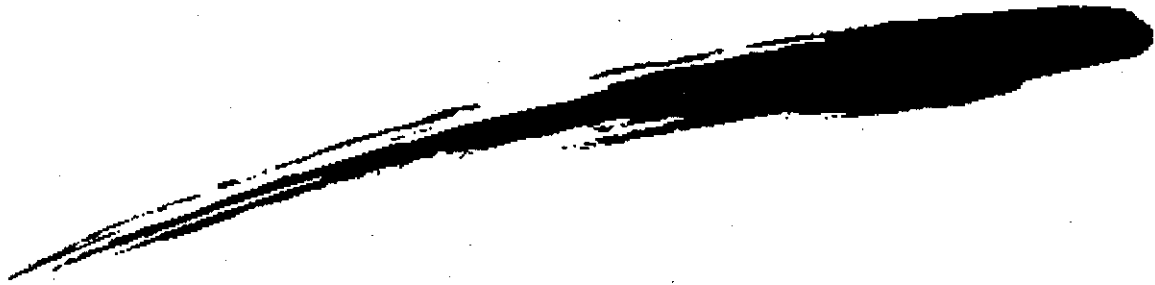
County	Total	0	1	2	3	4 +	Unknown ³
State Total	27,966	13,562	5,931	5,879	1,807	761	26
Adams	58	25	12	9	5	7	0
Asotin	90	44	17	20	8	1	0
Benton	686	309	153	139	58	27	0
Chelan	302	150	68	51	21	12	0
Clallam	304	151	62	55	28	8	0
Clark	1,337	570	318	320	82	44	3
Columbia	24	3	8	11	2	0	0
Cowlitz	538	257	129	112	30	8	2
Douglas	147	78	29	29	6	5	0
Ferry	35	17	3	7	6	1	1
Franklin	158	73	36	28	9	12	0
Garfield	8	4	2	2	0	0	0
Grant	271	118	63	56	21	13	0
Grays Harbor	371	187	81	73	19	11	0
Island	348	144	95	71	32	6	0
Jefferson	120	53	24	25	13	5	0
King	6,992	3,530	1,454	1,447	405	153	3
Kitsap	1,162	561	233	269	69	29	1
Kittitas	109	49	24	23	8	5	0
Klickitat	75	34	13	22	4	2	0
Lewis	319	152	57	75	23	12	0
Lincoln	38	13	4	12	6	3	0
Mason	237	116	51	43	20	7	0
Okanogan	162	83	29	34	10	6	0
Pacific	86	41	24	9	9	3	0
Pend Oreille	67	30	15	12	3	7	0
Pierce	3,401	1,622	745	723	225	85	1
San Juan	49	25	8	11	4	1	0
Skagit	502	240	117	113	21	11	0
Skamania	33	19	6	7	1	0	0
Snohomish	2,610	1,182	580	622	159	63	4
Spokane	2,035	934	425	444	158	72	2
Stevens	190	94	34	36	20	6	0
Thurston	1,073	485	255	231	72	30	0
Wahkiakum	11	4	5	2	0	0	0
Walla Walla	233	93	47	60	25	8	0
Whatcom	688	338	132	157	43	18	0
Whitman	93	50	19	17	5	1	1
Yakima	822	354	170	197	69	32	0
Out-of-State	1,609	981	288	220	79	39	2
Unknown	573	349	96	85	29	8	6

¹Certificate of dissolution records, "Children born alive of this marriage." All children are counted regardless of age.

²Does not include residents who obtain divorces or annulments outside of Washington State.

³Some instances with an unknown number of children have been erroneously recorded as having no children.

Appendices





Appendix A : Technical Appendix

Sources of Data

Collection Year

Data for *Washington State Vital Statistics, 1996* are compiled from items on birth, death, fetal death, marriage and dissolution certificates received before extraction of annual datafiles in September 1997. (See Appendix F for samples of certificate forms used.)

Population

Population estimates in this report are from the Washington State Office of Financial Management, Forecasting Division, *Intercensal and Postcensal Estimates of County Population by Age and Sex: 1980-1996*, December 1996 and *State of Washington 1996 Population Trends*, October 1996.

Life Expectancy

Life expectancy is calculated from 1996 crude mortality rates using the Seattle-King County Department of Public Health VISTA system.

Classification of Data

Classification and coding of data on Washington State vital records follow National Center for Health Statistics (NCHS) guidelines as defined in *'Vital Statistics Instruction Manuals'* parts 1-20 (Published by US Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Center for Health Statistics, Hyattsville MD).

Demographics

Age

In 1989, the birth certificate item on mother's and father's ages was replaced by mother's and father's date of birth. The actual birth date provides more detail than the ages alone and can be used in linking birth data with other files. As of 1989, therefore, ages are computed from parents' birth dates and the date of delivery. A comparison of parents' age distributions before and after the change showed that ages calculated from birth dates are consistent with ages determined by asking the mother and that there is no substantial increase in missing data as a result of asking for the more detailed birth dates.

The death certificate contains fields for specified age at death and also birth and death dates, which are used to calculate age at death. Records

where the specified and calculated ages differ were verified against hard copy certificates. Where there is a difference of one year, the calculated age was used for age at death (which assumes that the informant made an arithmetic error). Where there is a difference of greater than one year, the specified age is used.

For infant deaths (<1 year), age is measured in minutes, hours, days, or months. Some certificates may report a primary and secondary age, e.g., 1 month 2 weeks. This report uses only the primary age (e.g., 1 month). The secondary age (e.g., 2 weeks) is dropped off, so the infant's age is truncated at the primary age category.

Race

Race data collected on vital statistics follow the definition established by the Census Bureau, as follows:

The concept of race as used by the Census Bureau reflects self-identification; it does not denote any clear-cut scientific definition of biological stock. The data for race represents self-classification by people according to the race with which they most closely identify. Furthermore, it is recognized that the categories of the race item include both racial and national origin or socio-cultural groups.¹

Birth and death certificates use open-ended reporting of race, allowing for multiple racial entries. The determination of race for multiple racial entries follows decision rules established by the National Center for Health Statistics (NCHS): If more than one race is listed and one is Hawaiian, then Hawaiian is selected. For other races, the first race listed is selected. Prior to 1990, the first non-white race listed was selected (unless Hawaiian was listed somewhere in the item). This change increases the number of events coded 'White' and decreases the number of events coded to other races. Thus, race-specific birth or death rates may not be comparable for the two time periods before and after the change.

To determine race of newborns on birth certificates, each parent's race is first established according to the previous rule. Rules to determine race of the child, then, fall along a similar pattern:

- If either parent is Hawaiian, then the child's race is considered Hawaiian.
- In cases where one parent is white and the other non-white, the non-white race is selected as the race of the child.
- If both parents are non-white, the father's race is selected except where the mother's race is Hawaiian.

¹ U.S. Bureau of the Census, *1990 Census of Population: General Population Characteristics*, Washington, Report 1990 CP-1-49, Washington, D.C., June 1992.

Child's race data tabulated in this report use the calculated child's race. In addition to this calculated race, the mother also has the choice of designating a race/Hispanic origin for her child. These designated race data are only available starting in 1992.

Reporting of race/Hispanic origin on death certificates is sometimes based on observing the decedent, rather than questioning the next of kin. This procedure causes an underestimate of deaths for certain groups, particularly Native Americans, some of the Asian subgroups, and Hispanics. Thus, death rates based on death certificate data are lower than true death rates for these groups.

Because the denominator for infant mortality rates uses the race at birth, the most accurate race-specific infant mortality rates come from linked birth-infant death data files, where the child's or the mother's race at birth can be used for both the numerator and the denominator.

Hispanic Origin

'Origin' as used by the Census Bureau refers to "the ancestry, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States." Persons of Hispanic origin have their origins in a Hispanic or Spanish-speaking country such as Mexico, Cuba, or Puerto Rico, or the Spanish-speaking countries of Central or South America. Persons of Hispanic origin may be of any race.

Hispanic origin was added as an ethnic category and collected as a separate item (in addition to race) in 1988. For the first year of data collection (1988), some hospitals did not include the ethnicity item on the worksheet used to collect birth data and some facilities used the 1987 death certificate form, which did not have the ethnicity item. For this reason, Hispanic ethnicity data are less complete for 1988 than they are for later years. Rates calculated using these 1988 data will be lower than rates for other years because of this underreporting and should thus not be used to study changes in Hispanic birth or death rates.

Prior to 1988, Hispanic data were provided by a racial category of "Mexican/Chicano" or "Mexican American". Data based on Hispanic origin from those years are not comparable with data collected in 1988 or thereafter and should not be used for trend analysis or year-to-year comparisons.

The certificates for live births, deaths, and fetal deaths in Washington State capture Hispanic origin under two separate items, one to measure ethnicity and another to measure race. The item measuring ethnicity asks, [Is the person] "Of Hispanic Origin or descent (Ancestry)?" and permits a "Yes/No" response. The item measuring race on the birth and fetal death certificates says, "Race (American Indian, White, Black, Asian/Pacific Islander (Specify subgroup), etc.). On the death certificate, the item reads,

"Race (Specify)." Although Hispanic is not listed as a sample response under "Race" beginning in 1992, it is still provided as a racial designation, particularly for people who have already been classified as being of Hispanic origin ethnicity.

The National Center for Health Statistics (NCHS), however, does not treat Hispanic Origin as a race and requires instead that persons reporting Hispanic as a race be counted as "White." Tables in this report use this NCHS convention for tabulations by race. In addition, at the end of each table on race, counts of persons identified as "Hispanic Origin" under the ethnicity item are provided as well.

Beginning with 1996 data, Hispanic race data are used to edit the ethnicity as follows: If the ethnicity is reported as 'yes, Hispanic' with no reported country of origin, the race is checked to see if it has a specific Hispanic entry (such as 'Puerto Rican'). If so, this entry is used for the Hispanic ethnicity as well as the race. If not, the birthplace (state or country) is checked to see if it is in one of the Hispanic countries. If so, the birthplace is used to code ethnicity. If not, the ethnicity is coded as 'Unknown Hispanic'. The same procedure is used if the ethnicity is not given at all, except that in this case, if neither the race nor the birthplace has a Hispanic entry, the ethnicity is coded to 'Unknown'. This edit is consistent with National Center for Health Statistics guidelines and it provides more detail in some cases where the ethnicity item is incomplete or missing. In prior years, the ethnicity given on the certificate was accepted, regardless of whether more detail was available in other items.

County of Residence

In addition to county of residence data provided by the informant, the county was occasionally reassigned by GEOVISTA, a computer program that determines county based on street address. If a post office box is given as the address (which happens rarely), the program does not attempt to reassign the county. In these cases, the county originally specified by the informant was used. Where there were differences between the two ways of determining county of residence, the geocoded county overwrote the original county given by the informant. This geocoding was done for 1987-1996 births, deaths and fetal deaths. Geocoding could not be done for earlier data because address information is unreliable for those years.

In general, good agreement was found between the geocoded county and the county originally given by the informant. Differences were found for about 0.2-0.3% of the births and 0.1% of the deaths. Most of the differences were due to zip codes which cross county boundaries and the informant may not have known what the county of residence was. The differences amounted to very small proportions of births or deaths in the affected counties. Because county of residence was not geocoded for

earlier years, county data will be somewhat inconsistent with data for later years. However, discrepancy rates are expected to be only about 0.2% for births and 0.1% for deaths.

In the few remaining instances in which the county or city of residence or occurrence is unknown, the county/city was imputed using NCHS guidelines. For occurrences, if the county is known but the city is not, the occurrence is set to the rural county value (no defined city). If both county and city are unknown, the occurrence is set to the occurrence county and city of the previous record. For residences, if the county is known but the city is not, the residence is set to the rural county value (no defined city). If both county and city of residence are unknown but the birth or death occurred in Washington, the residence is set to the county/city of occurrence. If both county and city of residence are unknown and the birth did not occur in Washington, the residence is set to the largest city in the state (Seattle).

Birth Risk Factors

Low Birth Weight

Traditionally, low birth weight has been defined as 2,500 grams or less. However, the International Classification of Diseases, Ninth Revision (ICD-9) redefines low birth weight as less than 2,500 grams. Thus, according to national and international guidelines, a birth weight equal to 2,500 grams has been shifted from the low birth weight category to the next higher weight category (i.e., 2,500-2,999). Other birth weight categories have been adjusted for consistency (e.g., the group that was 3,001-3,500 grams in earlier reports is now 3,000-3,499 grams). As of 1994, the birth weight categories published in this report have been revised, in accordance with these guidelines. Tables affected are: 2G, 3-5, 14, and 47.

The impact of the change is small in the United States, where many weights are given in pounds and ounces. No weight of pounds and ounces converts exactly to 2,500 grams (5-lb 8-oz is 2,495 g and 5-lb 9-oz is 2,523 g). It is, therefore, unlikely that many weights of 2,500 grams are recorded. In fact, in Washington State before 1992, if a weight in grams were recorded on the birth certificate, it was converted to pounds and ounces at data entry, then reconverted to grams for data analysis. Using this method, a weight of 2,500 grams was converted to 5-lb 8-oz, which was reconverted to 2,495 grams. Thus, no weights of exactly 2,500 grams were found. Starting in 1992, weights in grams could be directly entered into the computer. In 1992-1994, an average of 11 births per year were recorded with weights of exactly 2,500 grams (0.3% of the low birth weight births).

Even though the impact of the change is very small at the state level, it could have a larger effect on low birth weight rates for a small county, if the county has any births at 2,500 grams.

Maternal Smoking

This item has undergone some wording and placement changes over time. For 1984-88, it asked about 'Smoking at any time during the pregnancy' and was placed in the middle section of the certificate, which the mother generally completes from a worksheet. With the 1989 revision, the wording was changed to 'Tobacco use during pregnancy' (which could include smokeless tobacco) and the item was relocated to the bottom of the certificate, which is generally completed by the physician (often without access to prenatal records). The percentage of missing data increased from 4% in 1984 to 13% in 1989, possibly because the change in placement on the certificate changed the way the data were collected. To eliminate the problem and provide more comparable data, the item was changed in 1992 to its original wording and placement on the certificate. The proportion of births with unknown maternal smoking decreased to 3.7% in 1992. Thus, data for 1989-91 may not be comparable to data from other time periods.

Malformations

Malformation reporting on the birth certificate is incomplete because the person completing the certificate may not have access to the medical record or the malformation may not be evident at birth. For 1992-1995 infant deaths due to malformations, the corresponding birth data were examined to see if the malformation had been reported on the birth certificate. Reporting rates ranged from 11% for circulatory/respiratory system malformations to 64% for anencephalus. These percentages give an estimate of how well malformations are reported on birth certificates.

Cause of Death

The causes of death presented in this report are classified in accordance with the International Classification of Diseases, Ninth Revision published by the World Health Organization. The State of Washington began using this revision on January 1, 1979.

According to the National Center for Health Statistics, more than 99% of all deaths occurring in the United States are registered in the death certificate system. The accuracy of reporting specific causes of death may vary since classification of disease conditions is a medical-legal opinion subject to the best information available to the physician, medical examiner, or coroner certifying the cause of death.

4. Labor and Industries (L&I): For injury deaths, the death certificate asks whether the injury occurred at work or not. This item is sometime open to interpretation as to whether the injury occurred in the course of the person's work or not. Beginning with 1996, death certificate data are supplemented with results of L&I investigations of work-related injuries.

Cause of Death Groupings

Due to the detailed nature of this classification system, it is common to group ICD-9 codes into more general categories for analysis and comparison purposes. The National Center for Health Statistics (NCHS) provides one of the most commonly used classification systems in which causes of deaths for adults are grouped into 72 separate groups and deaths for infants into 61 groups. In preparing the goals for Healthy People 2000 (HP 2000), the Centers for Disease Control and Prevention (CDC) focused on a different classification of adult deaths in several areas. With the 1994-1995 annual summary, published cause of death groupings were revised as follows, to accommodate both of these classification systems as much as possible:

1. NCHS classifies diseases of the heart as ICD-9 codes 390-398, 402, 404-429; HP 2000 focuses only on ischemic heart disease which is based on ICD-9 codes 402, 410-414, 429.2. In this report, the group for heart disease now includes ICD-9 codes 390-398, 402, and 404-429. Previous heart disease groups excluded ICD-9 codes 390, 392.9, and 405 (which account for few, if any, deaths). Deaths from ICD-9 code 429.2 (Unspecified cardiovascular disease) are no longer grouped with 'Other heart disease,' but are published separately in Table 22. This format allows users to calculate a total for coronary or ischemic heart disease for comparison with HP 2000 goals;
2. NCHS classifies malignant neoplasms of trachea, bronchus and lung as ICD-9 162 in its entirety; HP 2000 focuses only on lung cancer which is a subset (ICD-9 codes 162.2-162.9). In this report (Table 23), malignant neoplasm of trachea (ICD-9 162.0) is no longer grouped with 'Lung Cancer'. These two categories are published separately to facilitate comparison with HP 2000 goals;
3. NCHS includes deaths due to legal intervention with homicide (ICD-9 E960-E978); HP 2000 examines only homicides (ICD-9 E960-E969). In this report, homicide and legal intervention deaths are published separately; and
4. NCHS uses accidental drowning and submersion (ICD-9 E910); HP 2000 includes additional codes to define drowning (ICD-9 E830, E832, E910) In Table 22 of this report, drowning due to water transport (ICD-9 E830, E832)

Underlying Cause Of Death

Tabulated causes of death in this report are based on the underlying cause of death. The underlying cause of death is defined as 'the disease or injury which initiated events resulting in death.' International (World Health Organization) rules are used to determine the underlying cause of death using data supplied by the certifier in the 'cause of death' and 'other significant conditions' sections of the death certificate. The underlying cause of death receives a four-digit code. For an external event (accident, suicide, homicide, or undetermined), the same four-digit code can have two different meanings depending on the context. For example, an injury code of 950.0 means 'optic nerve injury' whereas an external event code of E950.0 means 'suicide by analgesics, antipyretics, and antirheumatics.' In nosological rules for coding underlying cause of death, one can only die of the external events that produced an injury. One does not die of the head injury (854); rather one dies of the fall from a ladder (E884.2) which resulted in the head injury. Therefore, all injury death data published in this report use the external event ('E') code rather than the nature of injury code.

Information from other sources is used to supplement the cause of death data on the certificate to determine a more precise or more accurate cause of death. The following sources are used:

1. **Queries:** About 8% of records are queried back to the certifier for additional information because the cause of death data given are inaccurate, incomplete, or non-specific. More than 90% of these queries are returned. The underlying cause of death may change minimally or substantially as a result of these queries. Query standards change over time, which can affect trends in cause of death and death rates for Washington compared to other states or to the US.
2. **State Patrol:** The Washington State Patrol provides information on motor vehicle accidents which is used to refine or add a more complete cause of death for these deaths, particularly related to whether the decedent was the driver or a passenger.
3. **Gun Surveillance:** In many gun-related deaths, the gun is removed from the scene so the cause of death cannot be coded to the specific type of gun involved (such as handgun or rifle). Beginning in 1995, cause of death data have been supplemented with information on type of gun from a statewide reporting system for gun-related deaths operated by the Department of Health's Injury Prevention Program. Data users should be careful not to look at specific ICD-9 gun death codes in isolation. For instance, homicide hand gun deaths (E965.0) doubled between 1994 and 1995. This increase is due to the supplemental gun surveillance information; overall homicide gun deaths (E965.0 - E965.4) decreased 14% during the same period.

is published separately from accidental drowning (ICD-9 E910) to facilitate comparison with HP 2000 goals.

In addition, a few other changes were made for consistency with the NCHS classification scheme:

1. Cancer: Carcinoma in situ (ICD-9 230-234) is no longer grouped with malignant neoplasms but is now included with 'Benign and Unspecified Neoplasms (ICD-9 210-239). (Deaths from carcinoma in situ rarely occur.) Malignant neoplasm of intestinal tract, part unspecified (ICD-9 159.0) is no longer grouped with 'Digestive Organs and Peritoneum - Other and Ill-Defined Sites.';
2. Diseases of the Nervous System and Sense Organs: Meningitis (ICD-9 320-322) and Alzheimer's Disease (ICD-9 331.0) are now tabulated separately. 'Other Hereditary and Degenerative Diseases of the Central Nervous System' (ICD-9 330-337) are no longer tabulated separately but are grouped with 'Other Diseases of the Nervous System and Sense Organs.'
3. Injuries: Late effects of specific injuries (ICD-9 E929) are no longer included with the specific injury (such as a fall) but are grouped as a single category 'Late Effects of Accidental Injury.'

Tables affected by these changes are: 20E, 20F, 21-24, 29A, 30A, 30B, 32, 35, 38A, 38B.

Alcohol-Related Cause of Death Categories

In previous reports, alcohol-related deaths were incorrectly classified as any deaths from ICD-9 codes 291, 303, or 305. The code 305 actually includes other drugs such as tobacco and cocaine; only 305.0 pertains specifically to alcohol abuse. Including all of ICD-9 305 causes about a 25% overestimate of alcohol-related deaths. Beginning with the 1994-1995 report, the category was corrected to include only ICD-9 codes 291, 303, and 305.0. The table affected is: 22.

Maternal Death

Maternal deaths are those for which a maternal condition (ICD-9 codes 630-676) is given as the underlying cause of death. The World Health Organization defines a maternal death as:

The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

A death will be coded as maternal only if the death certificate notes pregnancy or a maternal condition. In 1979-1988, Washington State supplemented reported maternal deaths with results from a special study. Death certificates for women ages 15-44 were linked to birth/fetal death certificates to see if the woman had had a delivery within 42 days of the death. If so, the cause of death was examined to see if the death could have been related to the pregnancy. This special study added an average of two maternal deaths per year, a substantial change because only about three deaths per year are reported as maternal. Thus, considerable underreporting of maternal deaths is suspected for years when this linkage procedure has not been done.

Perinatal death

The perinatal period covers times shortly before and after birth. Thus, perinatal death includes both fetal and infant deaths. Perinatal death rates are generally more consistent between different sources than infant or fetal death rates because they eliminate the effect of judgements as to whether the fetus was alive at time of delivery. However, there are at least four definitions of perinatal death, using different combinations of fetal death gestational age and infant age at death. This report uses one National Center for Health Statistics definition: fetal deaths of 20 or more weeks' gestation plus infant deaths of less than seven days. This definition gives the second largest number of perinatal deaths among the four common definitions. Caution should be used in comparing perinatal death rates in this report with rates from other sources unless it is certain that the same definition has been used.

Marriage and Divorce Data

Residence vs. Occurrence Data

Marriages are tabulated in this report according to the county in which the marriage was performed. Divorces, annulments, and legal separations are tallied by county in which the legal certificate was issued. Thus, these statistics reflect the place of occurrence of the event (e.g., marriage ceremony performed, divorce decree issued) rather than the place of residence of the individuals involved. Information on the number of marriages or divorces for all residents of Washington State is not possible since residents may go elsewhere to have a marriage performed or to obtain a divorce. For marriage and divorce statistics, unlike other vital records such as births or deaths, there is no interstate agreement for the exchange of information on marriages and divorces for residents of Washington State that occur in other states.

Divorces and annulments issued in Washington State are tabulated by the wife's county of residence in one table in this report: Table 53 - Divorces and Annulments by Number of Children and County of Wife's Residence. Thus, this table, unlike the others included in this report,

presents information by place of residence rather than by the place at which the legal document was issued. As shown on this table, some of the women who had divorces or annulments issued in Washington State were from out of state.

Legal Separations

In previous reports, legal separations were included in divorce totals. Because legal separations are not final dissolutions of marriage, they have been excluded from divorce totals in reports beginning with 1992 data. This change makes Washington State consistent with national data published by the National Center for Health Statistics. The impact of the change on trend data is small, since legal separations equal only about one to two percent of total dissolutions.

Court Orders

Each year a small number of divorces (between 32 and 145) are submitted to the Center for Health Statistics by county clerks as court orders and the certificate of dissolution is not filed with the Center as required by law (RCW 70.58.055(3)). These court orders are not included in divorce totals reported here; the number of such court orders and the counties from which they came are shown in footnotes to the applicable tables.

Number of Children

Data on the number of children reported on the certificate of dissolution are captured by an item on the form labeled, "Children born alive of the marriage." Table 53 in this report presents the number of divorces and annulments tabulated by the number of children born to the couple regardless of the child's age (i.e., some of the children may be over 18 years of age).

Definitions

Birth Weight - Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces).

Fetal Death - Death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Reporting of fetal deaths to the state is required only when the gestational period is twenty weeks or more.

Infant Death - Death of a child under one year of age.

Live Birth - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

Live Birth Order - Total number of live births to a given mother, including current birth.

Maternal Death - Death attributed to complications of pregnancy, childbirth, or the puerperium (ICD 630-676) for women of childbearing age; includes abortion related death.

Neonatal Death - Death of an infant within the first 27 days of life.

Nulliparous - Having never given birth to a liveborn infant.

Occurrence Data - Data allocated by place where the event occurred, regardless of the person's place of residence.

Parity - Total number of previous live births; does not include the current birth.

Perinatal Death - Fetal deaths plus deaths to infants within the first six days of life.

Plurality - The number of siblings born as the result of a single pregnancy (e.g., twins, triplets).

Postneonatal Death - Death of an infant of 28-364 days of age.

Premature Birth - A live birth weighing 2,500 grams (5-1/2 pounds) or less. If birth weight is not stated, length of gestation (under 37 weeks) is used.

Residence Data - Data allocated by place of residence of the child's mother (births, fetal deaths), or by place of residence of the decedent (deaths), regardless of where the event occurred.

Underlying Cause of Death - The disease or injury which initiated the train of morbid events leading directly or indirectly to death or the circumstances of the accident or violence which produced the fatal injury.

Rates and Ratios

Rounding of Rates - Rates are rounded to the nearest tenth. When the rate or percent is less than one-tenth, the entry is 0. Rates are not calculated when the number of events is less than 5.

Rates and Ratios Used in this Report - Rates and ratios are calculated by dividing the number of events of concern by the population at risk (or a related population) and multiplying by a standard constant (i.e., 1,000 or 10,000 or 100,000).

$$\text{(Crude) Birth Rate} = \frac{\# \text{ Live Births}}{\text{Total Population}} \times 1,000$$

$$\text{Age - Specific Birth Rate} = \frac{\# \text{ Births for Specific Age Group}}{\text{Population for Same Age Group}} \times 1,000$$

$$\text{(Crude) Death Rate} = \frac{\# \text{ Deaths}}{\text{Total Population}} \times 1,000$$

$$\text{Age - Specific Death Rate} = \frac{\# \text{ Deaths for Specific Age Group}}{\text{Population for Same Age Group}} \times 100,000$$

$$\text{Cause - Specific Death Rate} = \frac{\# \text{ Deaths for Specific Cause}}{\text{Total Population}} \times 100,000$$

$$\text{Infant Death Rate} = \frac{\# \text{ Infant Deaths}}{\text{Total Live Births}} \times 1,000$$

$$\text{Neonatal Death Rate} = \frac{\# \text{ Neonatal Deaths}}{\text{Total Live Births}} \times 1,000$$

$$\text{Postneonatal Death Rate} = \frac{\# \text{ Postneonatal Deaths}}{\text{Total Live Births}} \times 1,000$$

$$\text{Maternal Death Rate} = \frac{\# \text{ Maternal Deaths}}{\text{Total Live Births}} \times 10,000$$

$$\text{Fetal Death Ratio} = \frac{\# \text{ Fetal Deaths}}{\text{Total Live Births}} \times 1,000$$

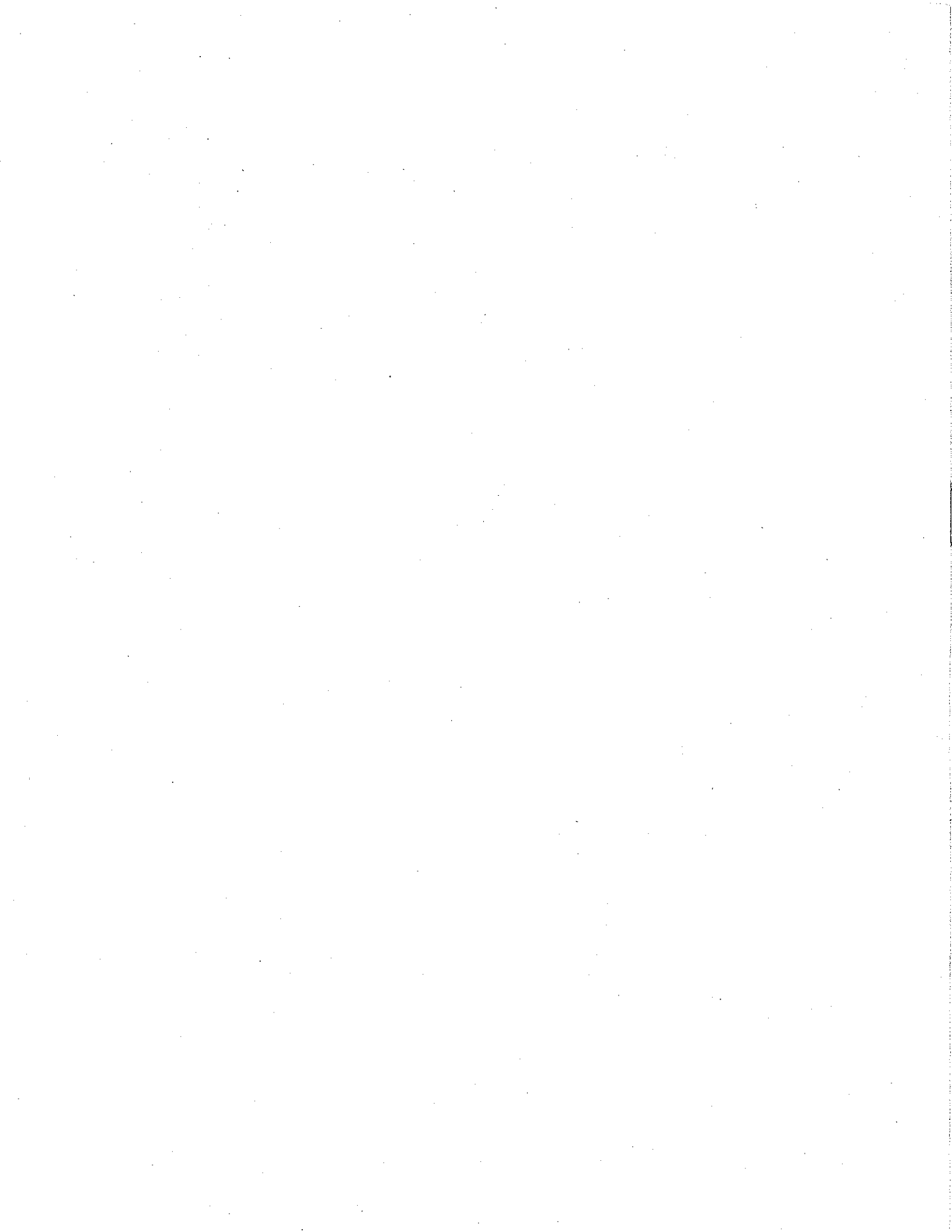
$$\text{Perinatal Death Rate} = \frac{\# \text{ Perinatal Deaths}}{\text{Live Births} + \text{Fetal Deaths}} \times 1,000$$

Appendix B. Conversion of Birth Weight in Grams to Pounds and Ounces

Weight in Grams	Pounds and Ounces
Under 1,000	2lbs. 3 oz. and less
1,000 - 1,499	2 lbs. 4 oz. - 3 lbs. 4 oz.
1,500 - 1,999	3 lbs. 5 oz. - 4 lbs. 6 oz.
2,000 - 2,499	4 lbs. 7 oz. - 5 lbs. 8 oz.
2,500 - 2,999	5 lbs. 9 oz. - 6 lbs. 9 oz.
3,000 - 3,499	6 lbs. 10 oz. - 7 lbs. 11 oz.
3,500 - 3,999	7 lbs. 12 oz. - 8 lbs. 13 oz.
4,000 - 4,499	8 lbs. 14 oz. - 9 lbs. 14 oz.
4,500 and over	9 lbs. 15 oz. and over

appendix.xls

One pound = 453.59 grams



Appendix C. Estimated Population, State of Washington, by Age Group by Sex, April 1, 1996

Age Group	Total	Male	Female
Total	5,516,800	2,744,622	2,772,178
Under 1 Year ¹	77,874	40,011	37,863
1 - 4	330,542	169,040	161,502
5 - 14	844,113	432,856	411,257
15 - 19	376,476	193,994	182,482
20 - 24	336,579	173,924	162,655
25 - 34	832,821	422,440	410,381
35 - 44	954,407	480,869	473,538
45 - 54	709,861	355,552	354,309
55 - 64	417,223	206,625	210,598
65 - 74	348,976	159,764	189,212
75 - 84	216,415	88,371	128,044
85 and Over	71,513	21,176	50,337

¹Population under 1 year is shown as births in current year, the denominator for infant mortality rates; other population estimates for children under 1 or aged 1-4 may differ. Two births of unknown gender were assigned as one male, one female in this table only.

Source: Office of Financial Management, Forecasting Division, "Population Estimates by Age and Sex 1980-1996", December 4, 1996

Appendix D. Estimated Population of Counties and Cities of 15,000 Population and Over, April 1, 1996

Name	City	County	Name	City	County
Adams		15,400	Kittitas		30,800
Asotin		19,600	Klickitat		18,700
Benton		131,000	Lewis		66,700
Kennewick	48,010		Lincoln		9,800
Richland	35,990		Mason		46,700
Chelan		61,300	Okanogan		37,500
Wenatchee	24,690		Pacific		21,100
Clallam		65,000	Pend Oreille		11,100
Port Angeles	18,790		Pierce		665,200
Clark		303,500	Lakewood	62,786	
Vancouver	67,450		Puyallup	28,660	
Columbia		4,200	Tacoma	185,000	
Cowlitz		90,800	University Place	28,751	
Longview	33,650		San Juan		12,400
Douglas		30,400	Skagit		95,500
Ferry		7,200	Mount Vernon	21,820	
Franklin		43,700	Skamania		9,800
Pasco	22,370		Snohomish		538,100
Garfield		2,400	Edmonds	35,480	
Grant		66,400	Everett	81,810	
Grays Harbor		68,200	Lynnwood	32,420	
Aberdeen	16,700		Marysville	18,240	
Island		70,300	Mountlake Terrace	20,160	
Oak Harbor	19,530		Mukilteo	15,430	
Jefferson		25,700	Spokane		406,500
King		1,628,800	Spokane	187,700	
Auburn	36,130		Stevens		36,600
Bellevue	103,700		Thurston		193,100
Burien	27,830		Lacey	26,170	
Des Moines	23,020		Olympia	37,960	
Federal Way	75,240		Wahkiakum		3,800
Kent	60,380		Walla Walla		53,400
Kirkland	43,160		Walla Walla	28,930	
Mercer Island	21,490		Whatcom		152,800
Redmond	40,805		Bellingham	59,840	
Renton	45,170		Whitman		41,000
Sea Tac	23,110		Pullman	24,650	
Seattle	534,700		Yakima		207,600
Kitsap		224,700	Yakima	62,670	
Bainbridge Island	18,530				
Bremerton	38,370				
			State Total		5,516,800

Source: Office of Financial Management, Forecasting Division, "State of Washington 1996 Population Trends", October 1996

Appendix E. Top 100 Baby Names of Girls, 1996

Rank	First Name	N	%	Cumulative		Rank	First Name	N	%	Cumulative	
				N	%					N	%
1	EMILY	536	1.4	536	1.4	51	JULIA	125	0.3	11,272	29.8
2	SARAH	464	1.2	1,000	2.6	52	MELISSA	124	0.3	11,396	30.1
3	JESSICA	453	1.2	1,453	3.8	53	CHEYENNE	121	0.3	11,517	30.4
4	HANNAH	420	1.1	1,873	4.9	54	JORDAN	118	0.3	11,635	30.7
5	SAMANTHA	415	1.1	2,288	6.0	55	BROOKE	117	0.3	11,752	31.0
6	MADISON	405	1.1	2,693	7.1	56	ERIN	117	0.3	11,869	31.3
7	ASHLEY	371	1.0	3,064	8.1	57	KATELYN	117	0.3	11,986	31.7
8	ELIZABETH	342	0.9	3,406	9.0	58	SARA	117	0.3	12,103	32.0
9	TAYLOR	328	0.9	3,734	9.9	59	CHLOE	116	0.3	12,219	32.3
10	RACHEL	322	0.9	4,056	10.7	60	MARISSA	114	0.3	12,333	32.6
11	MEGAN	290	0.8	4,346	11.5	61	KIMBERLY	113	0.3	12,446	32.9
12	AMANDA	284	0.8	4,630	12.2	62	KYLIE	113	0.3	12,559	33.2
13	KAYLA	265	0.7	4,895	12.9	63	MARY	113	0.3	12,672	33.5
14	ALYSSA	245	0.6	5,140	13.6	64	LAURA	110	0.3	12,782	33.8
15	ALEXIS	230	0.6	5,370	14.2	65	CASSANDRA	109	0.3	12,891	34.0
16	NICOLE	228	0.6	5,598	14.8	66	MICHELLE	108	0.3	12,999	34.3
17	ANNA	214	0.6	5,812	15.4	67	GABRIELLE	103	0.3	13,102	34.6
18	LAUREN	206	0.5	6,018	15.9	68	CHELSEA	102	0.3	13,204	34.9
19	ALEXANDRA	201	0.5	6,219	16.4	69	ANDREA	100	0.3	13,304	35.1
20	JENNIFER	195	0.5	6,414	16.9	70	GRACE	100	0.3	13,404	35.4
21	EMMA	194	0.5	6,608	17.5	71	BAILEY	99	0.3	13,503	35.7
22	REBECCA	191	0.5	6,799	18.0	72	SOPHIA	99	0.3	13,602	35.9
23	MADELINE	182	0.5	6,981	18.4	73	ANGELA	98	0.3	13,700	36.2
24	COURTNEY	179	0.5	7,160	18.9	74	CHRISTINA	98	0.3	13,798	36.4
25	VICTORIA	179	0.5	7,339	19.4	75	MIRANDA	97	0.3	13,895	36.7
26	KATHERINE	175	0.5	7,514	19.8	76	VANESSA	95	0.3	13,990	37.0
27	OLIVIA	173	0.5	7,687	20.3	77	MONICA	94	0.2	14,084	37.2
28	SHELBY	173	0.5	7,860	20.8	78	KATHRYN	91	0.2	14,175	37.4
29	SIERRA	172	0.5	8,032	21.2	79	ALEXANDRIA	90	0.2	14,265	37.7
30	ABIGAIL	169	0.4	8,201	21.7	80	ALICIA	90	0.2	14,355	37.9
31	BRITTANY	168	0.4	8,369	22.1	81	JAMIE	88	0.2	14,443	38.1
32	SYDNEY	164	0.4	8,533	22.5	82	PAIGE	87	0.2	14,530	38.4
33	BRIANNA	163	0.4	8,696	23.0	83	CAITLIN	85	0.2	14,615	38.6
34	MORGAN	162	0.4	8,858	23.4	84	AMY	84	0.2	14,699	38.8
35	SAVANNAH	159	0.4	9,017	23.8	85	RACHAEL	84	0.2	14,783	39.0
36	STEPHANIE	159	0.4	9,176	24.2	86	MIKAYLA	83	0.2	14,866	39.3
37	KAITLYN	157	0.4	9,333	24.7	87	CLAIRE	82	0.2	14,948	39.5
38	HALEY	154	0.4	9,487	25.1	88	TIFFANY	82	0.2	15,030	39.7
39	HAILEY	153	0.4	9,640	25.5	89	KENDRA	81	0.2	15,111	39.9
40	DANIELLE	150	0.4	9,790	25.9	90	LINDSEY	81	0.2	15,192	40.1
41	MARIAH	148	0.4	9,938	26.2	91	MAKAYLA	81	0.2	15,273	40.3
42	MACKENZIE	145	0.4	10,083	26.6	92	KAYLEE	80	0.2	15,353	40.5
43	NATALIE	143	0.4	10,226	27.0	93	MOLLY	80	0.2	15,433	40.8
44	JASMINE	141	0.4	10,367	27.4	94	ERICA	79	0.2	15,512	41.0
45	KELSEY	139	0.4	10,506	27.7	95	BREANNA	78	0.2	15,590	41.2
46	ALLISON	130	0.3	10,636	28.1	96	HEATHER	78	0.2	15,668	41.4
47	KATIE	130	0.3	10,766	28.4	97	MCKENZIE	78	0.2	15,746	41.6
48	SABRINA	128	0.3	10,894	28.8	98	ZOE	78	0.2	15,824	41.8
49	MARIA	127	0.3	11,021	29.1	99	JACQUELINE	75	0.2	15,899	42.0
50	AMBER	126	0.3	11,147	29.4	100	CATHERINE	71	0.2	15,970	42.2

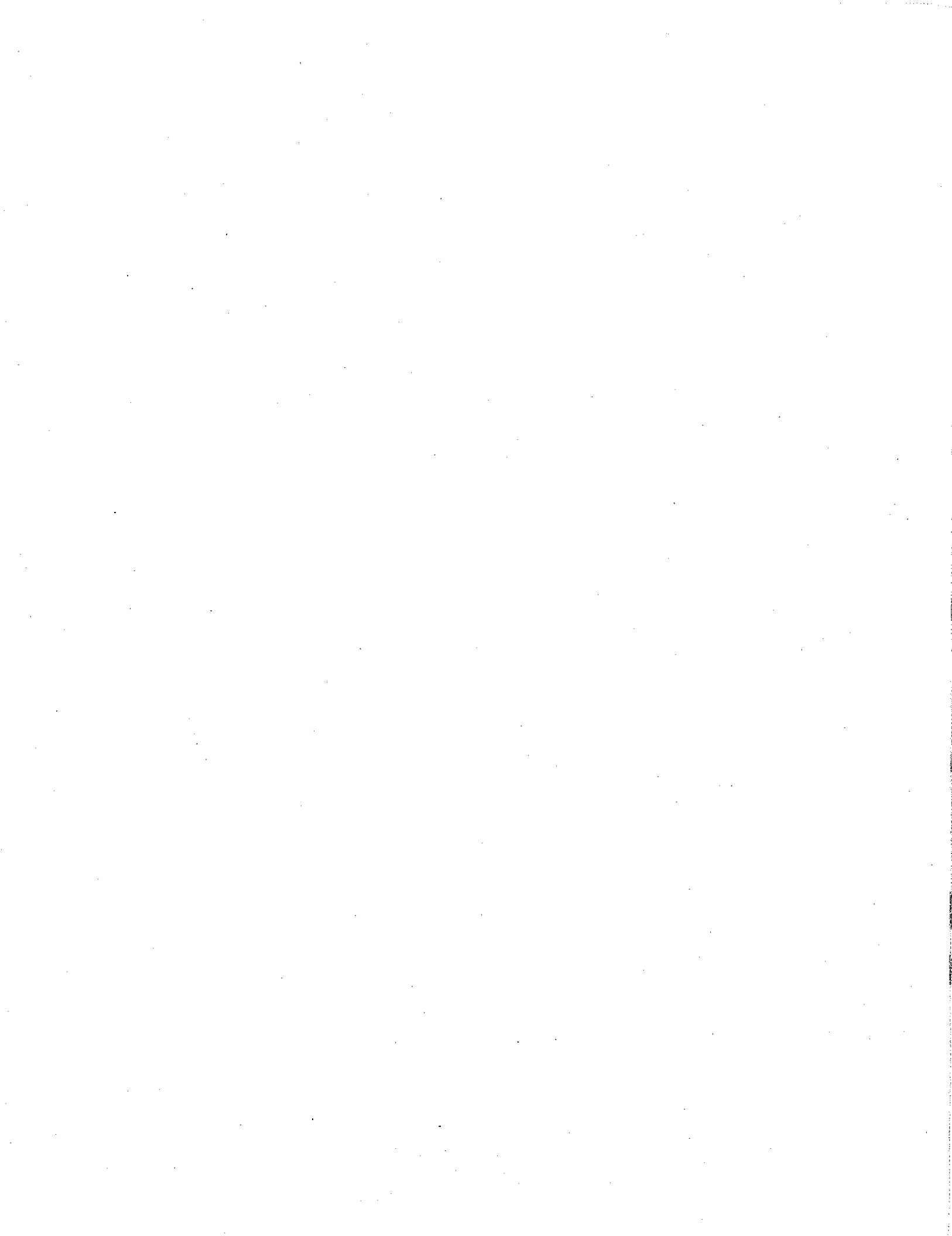
Appendix E. Top 100 Baby Names of Boys, 1996

Rank	First Name	N	%	Cumulative		Rank	First Name	N	%	Cumulative	
				N	%					N	%
1	JACOB	788	2.0	788	2.0	51	SEAN	164	0.4	16,817	42.0
2	AUSTIN	671	1.7	1,459	3.6	52	TREVOR	164	0.4	16,981	42.4
3	MICHAEL	614	1.5	2,073	5.2	53	SPENCER	161	0.4	17,142	42.8
4	TYLER	584	1.5	2,657	6.6	54	JARED	159	0.4	17,301	43.2
5	JOSHUA	563	1.4	3,220	8.0	55	TIMOTHY	156	0.4	17,457	43.6
6	BRANDON	514	1.3	3,734	9.3	56	RILEY	151	0.4	17,608	44.0
7	NICHOLAS	510	1.3	4,244	10.6	57	GABRIEL	150	0.4	17,758	44.4
8	ANDREW	506	1.3	4,750	11.9	58	TAYLOR	148	0.4	17,906	44.8
9	MATTHEW	505	1.3	5,255	13.1	59	JASON	147	0.4	18,053	45.1
10	RYAN	476	1.2	5,731	14.3	60	ISAIAH	146	0.4	18,199	45.5
11	CHRISTOPHER	447	1.1	6,178	15.4	61	EVAN	144	0.4	18,343	45.8
12	ALEXANDER	441	1.1	6,619	16.5	62	NATHANIEL	144	0.4	18,487	46.2
13	DANIEL	439	1.1	7,058	17.6	63	STEVEN	144	0.4	18,631	46.6
14	JOSEPH	429	1.1	7,487	18.7	64	DAKOTA	141	0.4	18,772	46.9
15	ZACHARY	415	1.0	7,902	19.8	65	COLTON	140	0.3	18,912	47.3
16	DAVID	411	1.0	8,313	20.8	66	JEREMY	140	0.3	19,052	47.6
17	KYLE	396	1.0	8,709	21.8	67	BLAKE	134	0.3	19,186	48.0
18	ANTHONY	354	0.9	9,063	22.7	68	PATRICK	133	0.3	19,319	48.3
19	JAMES	350	0.9	9,413	23.5	69	ISAAC	132	0.3	19,451	48.6
20	SAMUEL	335	0.8	9,748	24.4	70	ELIJAH	129	0.3	19,580	48.9
21	BENJAMIN	331	0.8	10,079	25.2	71	LUCAS	129	0.3	19,709	49.3
22	JONATHAN	330	0.8	10,409	26.0	72	ETHAN	121	0.3	19,830	49.6
23	JORDAN	320	0.8	10,729	26.8	73	RICHARD	119	0.3	19,949	49.9
24	JUSTIN	315	0.8	11,044	27.6	74	BRYCE	118	0.3	20,067	50.2
25	NATHAN	311	0.8	11,355	28.4	75	COLE	118	0.3	20,185	50.4
26	JOHN	308	0.8	11,663	29.2	76	MITCHELL	117	0.3	20,302	50.7
27	WILLIAM	295	0.7	11,958	29.9	77	LUKE	116	0.3	20,418	51.0
28	CODY	292	0.7	12,250	30.6	78	CHARLES	115	0.3	20,533	51.3
29	ROBERT	272	0.7	12,522	31.3	79	GARRETT	113	0.3	20,646	51.6
30	CHRISTIAN	270	0.7	12,792	32.0	80	DEVIN	110	0.3	20,756	51.9
31	DYLAN	251	0.6	13,043	32.6	81	DEREK	109	0.3	20,865	52.1
32	THOMAS	229	0.6	13,272	33.2	82	PETER	108	0.3	20,973	52.4
33	KEVIN	226	0.6	13,498	33.7	83	TRAVIS	108	0.3	21,081	52.7
34	AARON	220	0.5	13,718	34.3	84	MARCUS	107	0.3	21,188	53.0
35	CONNOR	216	0.5	13,934	34.8	85	MASON	104	0.3	21,292	53.2
36	ERIC	203	0.5	14,137	35.3	86	WYATT	100	0.2	21,392	53.5
37	ADAM	198	0.5	14,335	35.8	87	LEVI	97	0.2	21,489	53.7
38	ALEX	194	0.5	14,529	36.3	88	JEFFREY	96	0.2	21,585	53.9
39	CALEB	190	0.5	14,719	36.8	89	JUAN	96	0.2	21,681	54.2
40	CAMERON	182	0.5	14,901	37.2	90	MARK	96	0.2	21,777	54.4
41	IAN	182	0.5	15,083	37.7	91	JACK	92	0.2	21,869	54.7
42	TANNER	182	0.5	15,265	38.2	92	LUIS	92	0.2	21,961	54.9
43	JOSE	180	0.4	15,445	38.6	93	ANTONIO	89	0.2	22,050	55.1
44	LOGAN	179	0.4	15,624	39.1	94	ERIK	89	0.2	22,139	55.3
45	BRIAN	177	0.4	15,801	39.5	95	SETH	88	0.2	22,227	55.6
46	HUNTER	177	0.4	15,978	39.9	96	COLLIN	86	0.2	22,313	55.8
47	TRISTAN	177	0.4	16,155	40.4	97	MIGUEL	86	0.2	22,399	56.0
48	NOAH	168	0.4	16,323	40.8	98	STEPHEN	85	0.2	22,484	56.2
49	CHASE	165	0.4	16,488	41.2	99	JESUS	84	0.2	22,568	56.4
50	JESSE	165	0.4	16,653	41.6	100	CARLOS	83	0.2	22,651	56.6

Appendix F

Sample Certificates

Live Birth, Death, Fetal Death, Marriage and Divorce



CERTIFICATE OF LIVE BIRTH

LOCAL FILE NUMBER

STATE FILE NUMBER

Form sections 1-33: CHILD'S NAME, SEX, DATE OF BIRTH, TYPE OF BIRTHPLACE, NAME OF FACILITY, CITY/TOWN/LOCATION, COUNTY OF BIRTH, CERTIFIER SIGNATURE, ATTENDANT'S NAME AND TITLE, ATTENDANT'S MAILING ADDRESS, FATHER'S NAME, MOTHER'S NAME, MOTHER'S RESIDENCE, CITY/TOWN/LOCATION, INSIDE CITY LIMITS, COUNTY, STATE/ZIP CODE, HOW LONG AT CURRENT RESIDENCE, MOTHER'S MAILING ADDRESS, NAME OF INFORMANT, RELATION TO BIRTH, PARENT(S) REQUEST FOR SOCIAL SECURITY NUMBER, REGISTRAR SIGNATURE, FILED BY LOCAL REGISTRAR, RECORD AMENDMENT, DOCUMENTARY EVIDENCE, FATHER'S SOCIAL SECURITY NUMBER, MOTHER'S SOCIAL SECURITY NUMBER.

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY - DETACHED FROM CERTIFICATE BEFORE PERMANENT FILING

Form sections 34-58: RACE (American Indian, White, Black, Asian/Pacific Islander), OCCUPATION, TYPE OF BUSINESS OR INDUSTRY, EDUCATION, PARENTAL IDENTIFICATION OF CHILD'S ETHNICITY AND RACE, HISpanic ORIGIN OR DESCENT, RACE (American Indian, White, Black, Asian/Pacific Islander), PRIOR LIVE BIRTHS, OTHER TERMINATIONS, CLINICAL ESTIMATE OF GESTATION (WEEKS), DATE LAST NORMAL MENSES BEGAN, IS MOTHER MARRIED?, MONTH OF PREGNANCY PRENATAL CARE BEGAN, TOTAL NUMBER OF PRENATAL VISITS, PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE, DURING PREGNANCY MOTHER PARTICIPATED IN, DID MOTHER SMOKE AT ANY TIME DURING PREGNANCY?, PLURALITY, NOT SINGLE BIRTH, BIRTH WEIGHT, APGAR SCORE, INFANT TRANSFERRED TO ANOTHER FACILITY, MOTHER TRANSFERRED AFTER ATTEMPTED DELIVERY.

CHECK ALL BOXES IN EACH COLUMN THAT APPLY

Form sections 59-83: MEDICAL RISK FACTORS FOR THIS PREGNANCY (Anemia, Cardiac disease, Diabetes, etc.), METHOD OF DELIVERY (Vaginal, C-section, etc.), COMPLICATIONS OF LABOR AND/OR DELIVERY (Fetal distress, etc.), OTHER RISK FACTORS FOR THIS PREGNANCY (Alcohol use, weight gain, etc.), OBSTETRIC PROCEDURES (Amniocentesis, fetal monitoring, etc.), ABNORMAL CONDITIONS OF THE NEWBORN (Anemia, Birth injury, etc.).



CERTIFICATE OF DEATH

146

LOCAL FILE NUMBER

STATE FILE NUMBER

1. NAME First Middle Last			2. SEX (M / F)		3. DEATH DATE (Mo, Day, Yr)			
4. AGE LAST BIRTH-DAY (Yrs)	5. UNDER 1 YEAR MOS DAYS	6. UNDER 1 DAY HOURS MINS		7. BIRTHDATE (Mo, Day, Yr)		8. BIRTHPLACE (City, State or Foreign Country)	9. WAS DECEDENT EVER IN U.S. ARMED FORCES? (Yes / No)	10. COUNTY OF DEATH
11. CITY, TOWN OR LOCATION OF DEATH			12. PLACE OF DEATH— <input checked="" type="checkbox"/> BOX FOR PLACE THEN GIVE ADDRESS OR INSTITUTION NAME 1. <input type="checkbox"/> HOME 2. <input type="checkbox"/> IN TRANSPORT 3. <input type="checkbox"/> EMERG. RM/OUT PTN 4. <input type="checkbox"/> HOSP. 5. <input type="checkbox"/> NUR HOME 6. <input type="checkbox"/> OTHER PLACE				13. SMOKING IN LAST 15 YEARS? (Yes / No)	
14. MARITAL STATUS—Married, Never Married, Widowed, Divorced (Specify)		15. SURVIVING SPOUSE (if wife, give maiden name)		16. SOCIAL SECURITY NO.		17. DECEDENT'S EDUCATION Specify or highest grade completed Elementary/Secondary (0-12) College (1-4 or 5+)		
18. USUAL OCCUPATION (Give kind of work done during most of working life. DO NOT USE RETIRED)		19. KIND OF BUSINESS OR INDUSTRY		20. Was Decedent of Hispanic origin or descent? (Ancestry) (Specify) RACE (Specify) Yes or No. If Yes, specify Cuban, Mexican, Puerto Rican, etc. (Yes / No) Specify:				
22. RESIDENCE—NUMBER AND STREET		23. CITY/TOWN, OR LOCATION	24. INSIDE CITY LIMITS? (Yes / No)	25A. COUNTY	25B. LENGTH OF RES. IN CO.	26. STATE	27. ZIP CODE	
28. FATHER'S NAME—FIRST, MIDDLE, LAST				29. MOTHER'S NAME—FIRST, MIDDLE, MAIDEN SURNAME				
30. INFORMANT—NAME		31. MAILING ADDRESS STREET OR RFD NO.		CITY OR TOWN	STATE	ZIP		
32. BURIAL, CREMATION, REMOVAL, OTHER (Specify)	33. DATE (Mo, Day, Yr)	34. CEMETERY/CREMATORY—NAME		35. LOCATION—CITY/TOWN, STATE				
36. FUNERAL DIRECTOR SIGNATURE X		37. NAME OF FACILITY		38. ADDRESS OF FACILITY				
TO BE COMPLETED ONLY BY CERTIFYING PHYSICIAN				TO BE COMPLETED ONLY BY MEDICAL EXAMINER OR CORONER				
39. TO THE BEST OF MY KNOWLEDGE, DEATH OCCURRED AT THE TIME, DATE AND PLACE AND WAS DUE TO THE CAUSE(S) STATED. SIGNATURE AND TITLE X				43. ON THE BASIS OF EXAMINATION AND/OR INVESTIGATION, IN MY OPINION DEATH OCCURRED AT THE TIME, DATE AND PLACE AND WAS DUE TO THE CAUSE(S) STATED. SIGNATURE AND TITLE X				
40. DATE SIGNED (Mo., Day, Yr)		41. HOUR OF DEATH (24 Hrs)		44. DATE SIGNED (Mo., Day, Yr)		45. HOUR OF DEATH (24 Hrs)		
42. NAME AND TITLE OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (Type or Print)				46. PRONOUNCED DEAD (Mo., Day, Yr)		47. HOUR PRONOUNCED DEAD (24 Hrs.)		
48. NAME AND ADDRESS OF CERTIFIER—PHYSICIAN, MEDICAL EXAMINER, OR CORONER (Type or Print)				49. ME/CORONER FILE NUMBER				
50. ENTER THE DISEASES, INJURIES, OR COMPLICATIONS WHICH CAUSED THE DEATH:								
IMMEDIATE CAUSE (Final disease or condition resulting in death).	A.	DUE TO, OR AS A CONSEQUENCE OF:	INTERVAL BETWEEN ONSET AND DEATH					
DO NOT ENTER THE MODE OF DYING, SUCH AS CARDIAC OR RESPIRATORY ARREST, SHOCK, OR HEART FAILURE. ENTER ONLY ONE CAUSE ON EACH LINE.	B.	DUE TO, OR AS A CONSEQUENCE OF:	INTERVAL BETWEEN ONSET AND DEATH					
Specify all conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (disease or injury) which initiated events resulting in death LAST.	C.	DUE TO, OR AS A CONSEQUENCE OF:	INTERVAL BETWEEN ONSET AND DEATH					
	D.	DUE TO, OR AS A CONSEQUENCE OF:	INTERVAL BETWEEN ONSET AND DEATH					
51. OTHER SIGNIFICANT CONDITIONS—CONDITIONS CONTRIBUTING TO DEATH BUT NOT RESULTING IN THE UNDERLYING CAUSE GIVEN ABOVE:				52. AUTOPSY? (Yes / No)	53. WAS CASE REFERRED TO MEDICAL EXAMINER OR CORONER? (Yes / No)			
54. ACC. SUICIDE, HOMICIDE, OR PENDING INVEST. (Specify)	55. INJURY DATE (Mo, Day, Yr)	56. HOUR OF INJURY (24 Hrs)	57. DESCRIBE HOW INJURY OCCURRED:					
58. INJURY AT WORK? (Yes / No)	59. PLACE OF INJURY—AT HOME, FARM, STREET, FACTORY, OFFICE BLDG, ETC. (Specify)		60. LOCATION—STREET OR RFD NO., CITY/TOWN, STATE					
61. RECORD AMENDMENT (Registrar use only) ITEM DOCUMENTARY EVIDENCE		REVIEWED BY	DATE	62. REGISTRAR SIGNATURE X		63. DATE RECEIVED (Mo., Day, Yr.)		

FOR INSTRUCTIONS SEE BACK AND HANDBOOK

DOH 110-008 (Rev. 7/91) (formerly DSHS 9-150)

A

CERTIFICATE OF FETAL DEATH

LOCAL FILE NUMBER

STATE FILE NUMBER

1. FETUS NAME First Middle LAST 2. SEX (M/F) 3. DATE OF DELIVERY (M/D/YR) 4. TIME OF DELIVERY
5. PLACE OF DELIVERY (Specify type) 6. NAME OF FACILITY / IF NOT A FACILITY ENTER NAME OF PLACE AND ADDRESS
9. FATHER'S NAME First Middle LAST 10. DATE OF BIRTH (M/D/YR) 11. STATE OF BIRTH (If not USA give country)
12. MOTHER'S NAME First Middle MAIDEN 13. DATE OF BIRTH (M/D/YR) 14. STATE OF BIRTH (If not USA give country)
15. MOTHER'S RESIDENCE (number and street) 16. CITY/TOWN/LOCATION 17. INSIDE CITY LIMITS Yes No 18. COUNTY 19. STATE / ZIP CODE
20. HOW LONG AT CURRENT RESIDENCE? Yrs Mos. 21. REGISTRAR SIGNATURE X 22. DATE FILED BY REGISTRAR
23. BURIAL, CREMATION, REMOVAL, OTHER (Specify) 24. DATE (M/D/YR) 25. CEMETERY / CREMATORY - NAME 26. LOCATION (City/Town, State)
27. FUNERAL DIRECTOR SIGNATURE 28. NAME OF FACILITY 29. ADDRESS OF FACILITY
30. PART I (Enter only one cause per line for (A), (B), and (C)) specify, Mexican, Puerto Rican, Spanish, etc.
31. SPECIFY FETAL OR MATERNAL (directly causing fetal death)
32. PART II OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER - Conditions contributing to fetal death but not resulting in the underlying cause given above
33. FETUS DIED Before Labor 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
34. AUTOPEY Yes No 35. Were autopsy findings used to complete cause of death? 1 - Yes 2 - No
36. I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS FETUS IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF
37. DISEASE (M/D/YR) 38. NAME, TITLE OF ATTENDANT AT DELIVERY IF OTHER THAN CERTIFIER (Type or Print)
39. CERTIFIER NAME AND TITLE (Type or Print) 40. ATTENDANT'S MAILING ADDRESS (Street Box Number, City, State, ZIP Code)

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH PURPOSES ONLY - OBTAINED FROM CERTIFICATE BEFORE PERMANENT FILING
41. OF HISPANIC ORIGIN OR DESCENT? If yes, specify, Mexican, Puerto Rican, Spanish, etc.
42. RACE (American Indian, White, Black, Asian, Pacific Islander (Specify subgroup), etc.)
43. OCCUPATION (Worked during last year) (Registered nurse, personal manager)
44. TYPE OF BUSINESS OR INDUSTRY (Hospital, newspaper, publishing)
45. EDUCATION (Specify only highest grade completed) Elementary / HS (0-12) / College (14 or 16+)
46. PRIOR LIVE BIRTHS (Do not include the birth) NONE NOW LIVING NOW DEAD
47. OTHER TERMINATIONS (Not live births) NONE 20 WKS OR MORE LESS THAN 20 WKS
48. TOTAL PRIOR PREGNANCIES
49. CLINICAL ESTIMATE OF GESTATION (WEEKS)
50. DATE LAST NORMAL MENSES BEGAN (MO, DAY, YR)
51. IS MOTHER MARRIED? 1 - YES 2 - NO
52. MONTH OF PREGNANCY PRENATAL CARE BEGAN (1st, 2nd, 3rd, etc)
53. TOTAL NUMBER OF PRENATAL VISITS (If none, enter 0)
54. PRINCIPAL SOURCE OF PAYMENT FOR PRENATAL CARE 1 - Medicaid 2 - Self pay 3 - Commercial 4 - Charity care
55. DURING PREGNANCY MOTHER PARTICIPATED IN (check all that apply) 1 - WIC 2 - First Steps 3 - AFDC 4 - Services from Local Health Dept
56. DID MOTHER SMOKE AT ANY TIME DURING PREGNANCY? 1 - YES 2 - NO Average no. cigarettes per day?
57. PLURALITY—Single, Twin, Triplet, etc. (Specify)
58. IF NOT SINGLE BIRTH—born 1st, 2nd, 3rd, etc. (Specify)
59. BIRTH WEIGHT lbs ozs or grams

60. MEDICAL RISK FACTORS FOR THIS PREGNANCY
1. Anemia (Hct <30 / High <10)
2. Cardiac disease
3. Acute or chronic lung disease
4. Diabetes, Gest. Etab.
5. Genital herpes—active
6. Polyhydramnios
7. Oligohydramnios
8. Hemoglobinopathy
9. Hypertension, chronic
10. Hypertension, pregnancy-associated
11. Eclampsia
12. Incompetent cervix
13. Previous infant 4000+ grams
14. Previous preterm or small-for-gestational-age infant
15. Renal disease
16. Rh sensitization
17. Ulcer bleeding - trimester
18. Syphilis
19. None
20. Other (specify)
61. OTHER RISK FACTORS FOR THIS PREGNANCY
1. Alcohol use during pregnancy? Yes No Av. No drinks per wk?
2. Weight gained during pregnancy ___ lbs
3. Weight before pregnancy ___ lbs
62. OBSTETRIC PROCEDURES
1. Amniocentesis—if yes, specify trimesters
2. Electronic fetal monitoring
3. Induction of labor
4. Stimulation of labor
63. 5. Tocolysis
6. Ultrasound
7. None
8. Other (specify)
64. COMPLICATIONS OF LABOR AND/OR DELIVERY
1. Fetal (>100°F or 39°C)
2. Meconium, moderate / heavy
3. Premature rupture of membrane (>12 hrs)
4. Abruptio placentae
5. Placenta previa
6. Other excessive bleeding
7. Seizures during labor
8. Precipitous labor (<3 hrs)
9. Prolonged labor (>20 hrs)
10. Dysfunctional labor
11. Breech / Malpresentation
12. Cephalopelvic disproportion
13. Cord prolapse
14. Anesthetic complications
15. Fetal distress
16. None
17. Other (specify)
65. CONDITIONS OF FETUS
1. Fetal Hemorrhage
2. Placenta and cord conditions (specify)
3. Hemolytic Disease
4. Fetal Hydrops
5. Shoulder Dystocia
6. Other (specify)
7. None
66. CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS
1. Anencephalus
2. Spina bifida / Meningocele
3. Hydrocephalus
4. Microcephalus
5. Other central nervous system anomalies (specify)
6. Heart malformations
7. Other circulatory / respiratory anomalies (specify)
8. Rectal atresia / stenosis
9. Tracheo-esophageal fistula / Esophageal atresia
10. Omphalocele / Gastroschisis
11. Other gastrointestinal anomalies (specify)
12. Malformed genitalia
13. Renal agenesis
14. Other urogenital anomalies (specify)
15. Cleft lip / palate
16. Polydactyly / Syndactyly / Adactyly
17. Club foot
18. Diaphragmatic hernia
19. Other musculoskeletal / integumental anomalies (specify)
20. Down's syndrome
21. Other chromosomal anomalies (specify)
22. None
23. Other anomalies (specify)



CERTIFICATE OF MARRIAGE

146

COUNTY OF LICENSE		DATE OF APPLICATION		STATE FILE NUMBER	
I CERTIFY THE PERSONS NAMED BELOW WERE MARRIED ON			1. DATE (MO DAY YR)	2. COUNTY OF CEREMONY	3. TYPE OF CEREMONY <input type="checkbox"/> RELIGIOUS <input type="checkbox"/> CIVIL
5. OFFICIANT Signature X			6. OFFICIANT ADDRESS		
7. NAME FIRST MIDDLE LAST		8. BIRTHDATE (MO DAY YR)		9. BIRTH STATE (if not USA give country)	
10. USUAL RESIDENCE (NUMBER AND STREET)		11. CITY/TOWN/LOCATION		12. INSIDE CITY LIMITS <input type="checkbox"/> Yes <input type="checkbox"/> No	
13. COUNTY		14. STATE		15. FATHER'S FULL NAME	
16. BIRTH STATE (if not USA give country)		17. MOTHER'S FULL MAIDEN NAME (First / Last)		18. BIRTH STATE (if not USA give country)	
19. GROOM Signature X			20. DATE SIGNED (MO DAY YR)		
21. NAME FIRST MIDDLE LAST		22. MAIDEN NAME		23. BIRTH DATE (MO DAY YR)	
24. BIRTH STATE (if not USA give country)		25. USUAL RESIDENCE (NUMBER AND STREET)		26. CITY/TOWN/LOCATION	
27. INSIDE CITY LIMITS <input type="checkbox"/> Yes <input type="checkbox"/> No		28. COUNTY		29. STATE	
30. FATHER'S FULL NAME		31. BIRTH STATE (if not USA give country)		32. MOTHER'S FULL MAIDEN NAME (First / Last)	
33. BIRTH STATE (if not USA give country)		34. BRIDE Signature X			35. DATE SIGNED (MO DAY YR)
36. WITNESS Signature X			37. WITNESS Signature		
38. COUNTY AUDITOR Signature X					39. DATE RECEIVED (MO DAY YR)

PLEASE TYPE OR PRINT CLEARLY IN PERMANENT BLACK INK

DOH 110-009 (Rev. 8/92) 103002

SAMPLE



**CERTIFICATE OF DISSOLUTION
DECLARATION OF INVALIDITY OF MARRIAGE
OR LEGAL SEPARATION**

COURT FILE NUMBER

STATE FILE NUMBER

DECREE	1. CERTIFY THE MARRIAGE OF THE PERSONS NAMED BELOW WAS ORDERED AS A		1. <input type="checkbox"/> DISSOLUTION OF MARRIAGE <input type="checkbox"/> DECLARATION OF INVALIDITY <input type="checkbox"/> LEGAL SEPARATION	2. DATE OF ENTRY (MO DAY YR)	3. COUNTY OF DECREE
	4. CLERK OF SUPERIOR COURT Signature X				

TO BE COMPLETED BY PETITIONER'S ATTORNEY OR PRO SE

HUSBAND	5. NAME FIRST MIDDLE LAST			6. BIRTHDATE (MO DAY YR)	7. BIRTHPLACE (State or Foreign Country)
	8. USUAL RESIDENCE - STREET ADDRESS		9. CITY, TOWN/LOCATION	10. INSIDE CITY LIMITS <input type="checkbox"/> YES <input type="checkbox"/> NO	12. STATE

WIFE	13. NAME FIRST MIDDLE LAST			14. MARRIAGE NAME	15. BIRTHDATE (MO DAY YR)	16. BIRTHPLACE (State or Foreign Country)
	17. USUAL RESIDENCE (NUMBER AND STREET)		18. CITY, TOWN/LOCATION	19. INSIDE CITY LIMITS <input type="checkbox"/> YES <input type="checkbox"/> NO	20. COUNTY	21. STATE

22. PLACE OF THIS MARRIAGE - COUNTY		23. STATE (IF NOT USA GIVE COUNTRY)	24. DATE OF THIS MARRIAGE (MO DAY YR)	25. NUMBER CHILDREN BORN ALIVE OF THIS MARRIAGE
26. PETITIONER <input type="checkbox"/> HUSBAND <input type="checkbox"/> WIFE <input type="checkbox"/> BOTH <input type="checkbox"/> OTHER (Specify)				
27. NAME OF PETITIONER'S ATTORNEY / Pro Se		28. ADDRESS STREET	CITY OR TOWN	STATE ZIP

Please Type or Print Clearly in Permanent Black Ink.

DOH 110-005 (Rev. 5/95)

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