

# Report:

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## VITAL STATISTICS

1983



DIVISION OF HEALTH

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VITAL STATISTICS SUMMARY

WASHINGTON STATE

1983

HEALTH DATA UNIT

DIVISION OF HEALTH

DEPARTMENT OF SOCIAL AND HEALTH SERVICES

MS ET-14

OLYMPIA, WASHINGTON 98504

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## INTRODUCTION

The 1983 Vital Statistics Annual Summary continues the practice, begun in 1980, of presenting a data analysis section along with the tabular summary of vital events. This analysis is not intended to be sophisticated or exhaustive; instead it represents an attempt to look at vital statistics data in new ways which may stimulate further analyses by those involved in health planning, epidemiologic analysis, and program evaluation in the state. The authors welcome any questions or comments about the material presented herein, or suggestions for future analysis.

This report also contains a summary presentation, in tabular form, of the vital events which occurred during the calendar year 1983. In the interest of easy comparison, the same format of tabular presentation has been continued as was initiated in the 1968-69 edition. However, additional detail on causes of death has been included in some of the mortality tables to reflect changing mortality patterns (as described in the analysis section). For those who find that the tables in this report do not meet all their needs, additional tables are available and can be obtained by calling Statistics at (206) 753-5938.



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## 1983 IN BRIEF

In 1983, the population estimated for the State rose 21,100 from 4,264,000 to 4,285,100, an increase of half of one percent. The natural increase (the number of births minus the number of deaths) equaled 36,074.

Live births to residents totaled 68,705, or sixteen births for every 1,000 persons in the state. For every 1,000 women of childbearing age there were approximately 67 births. This compares to a crude birth rate of 16.3 and a fertility rate of 68.2 in 1982. These rates have shown a decline for five years, since 1979, when they were 16.5 and 70.3 respectively. Prior to 1979, the last time the birth rate peaked was in 1970 with a rate of 17.7.

The total number of resident deaths in 1983 was 32,631, duplicating the 1982 rate of 7.6 per 1,000 population. This was an increase of 322 above the total for 1982. In a representative sample of 1,000 deaths, 357 people would have died from heart disease and 225 from cancer. These two causes account for 58% of all deaths, an insignificant change from events five years previous. The greatest change has occurred in the number of deaths by accident and cerebrovascular disease. In the sample 1,000 deaths, 79 would have died of cerebrovascular disease and 49 from accidents. This compares to 92 and 66, respectively, in 1979.

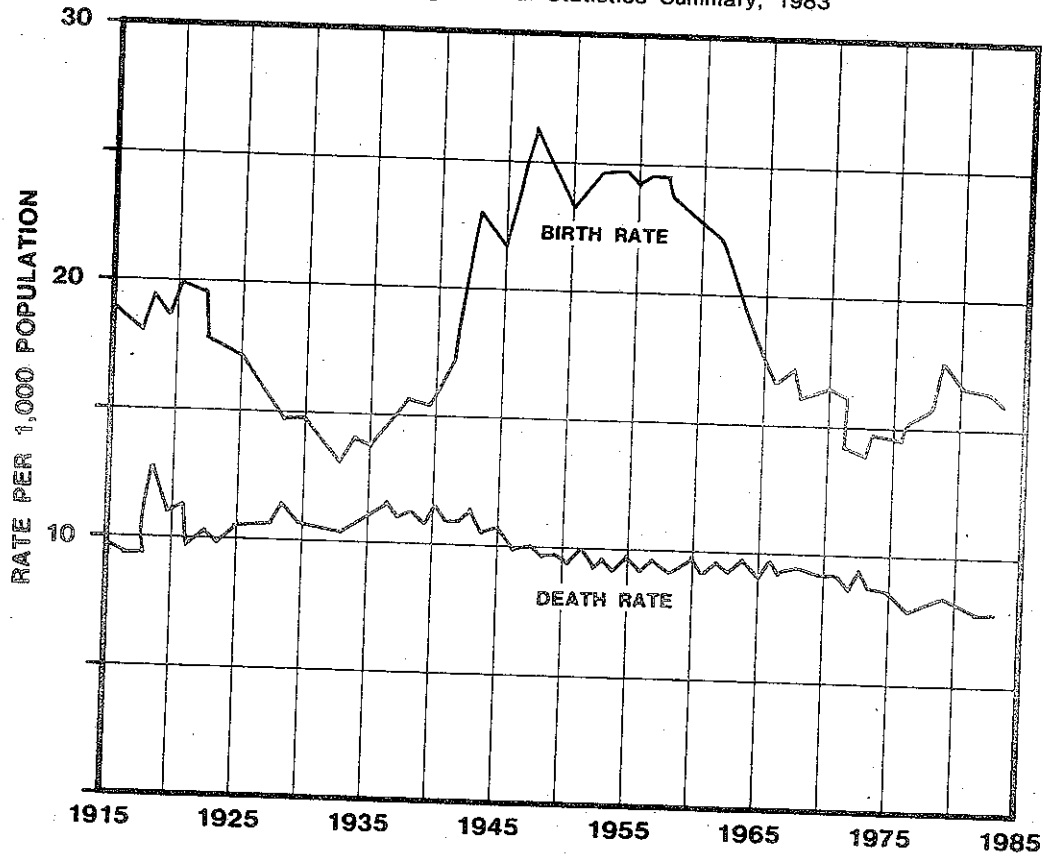
The number of maternal deaths decreased from eight in 1982 to six in 1983 with a corresponding lowering of the rate from 1.2 to 0.9 per 10,000 live births. For several years a maternal death study has been conducted by the Health Data Unit to assess the reporting of deaths due to maternal conditions. The results of these studies show that in 1979 there were eight maternal deaths; 1980, ten; 1981, seven; 1982, eight; and 1983, six. The rates were 1.2, 1.5, 1.0, 1.2, and 0.9, respectively. The Summary Table, page 28, has been updated accordingly.

Infant deaths declined in total from 744 to 653, an actual decrease of 91. This decrease reduced the rate from 10.7 to 9.5 per 1,000 live births. One third of the amount can be attributed to a decline in Sudden Infant Death Syndrome (SIDS) as a cause of death. However, there was similar reduction across all leading cause of death categories for infants.

Since 1981, both marriages and divorces have declined. There were 46,294 marriages in 1983; 1,934 fewer than the previous year. Divorces declined 496, from 27,795 to 27,299. The divorce rate for 1983 was 6.37 per 1,000 population; this compares to 6.51, the previous year.

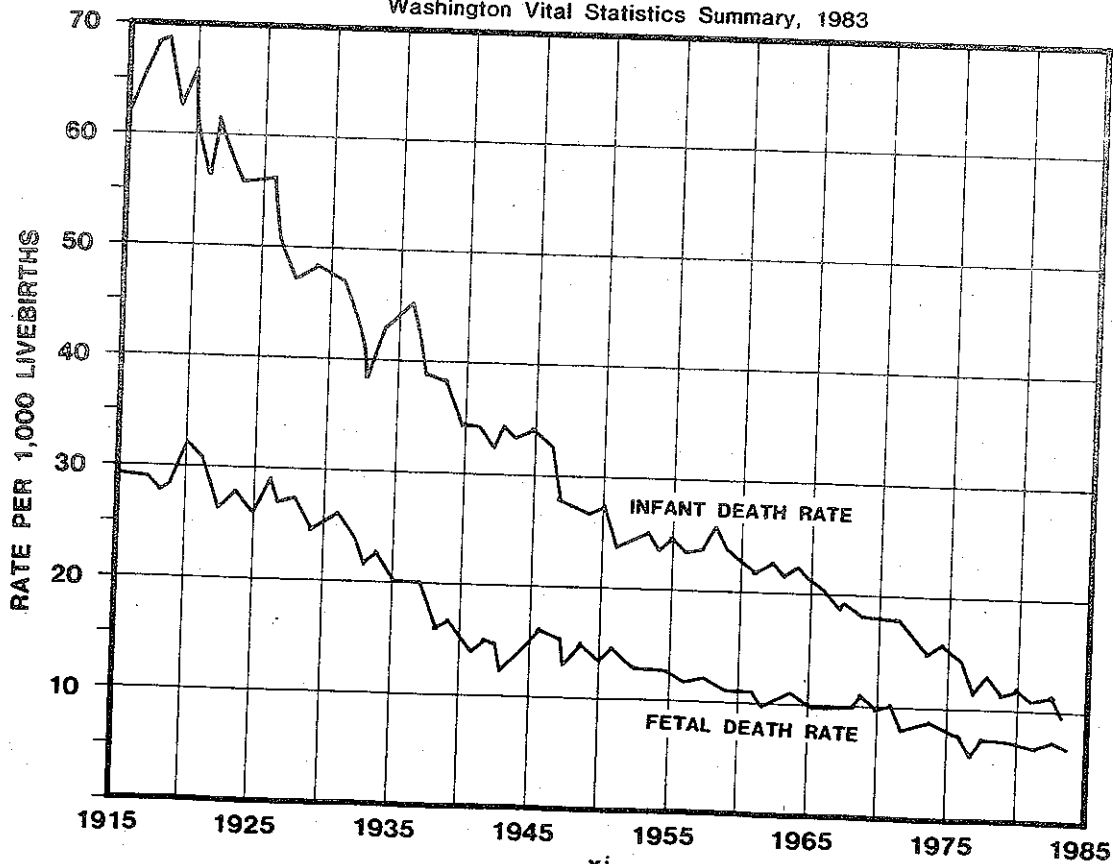
# BIRTH and DEATH RATES 1915-1983

Washington Vital Statistics Summary, 1983

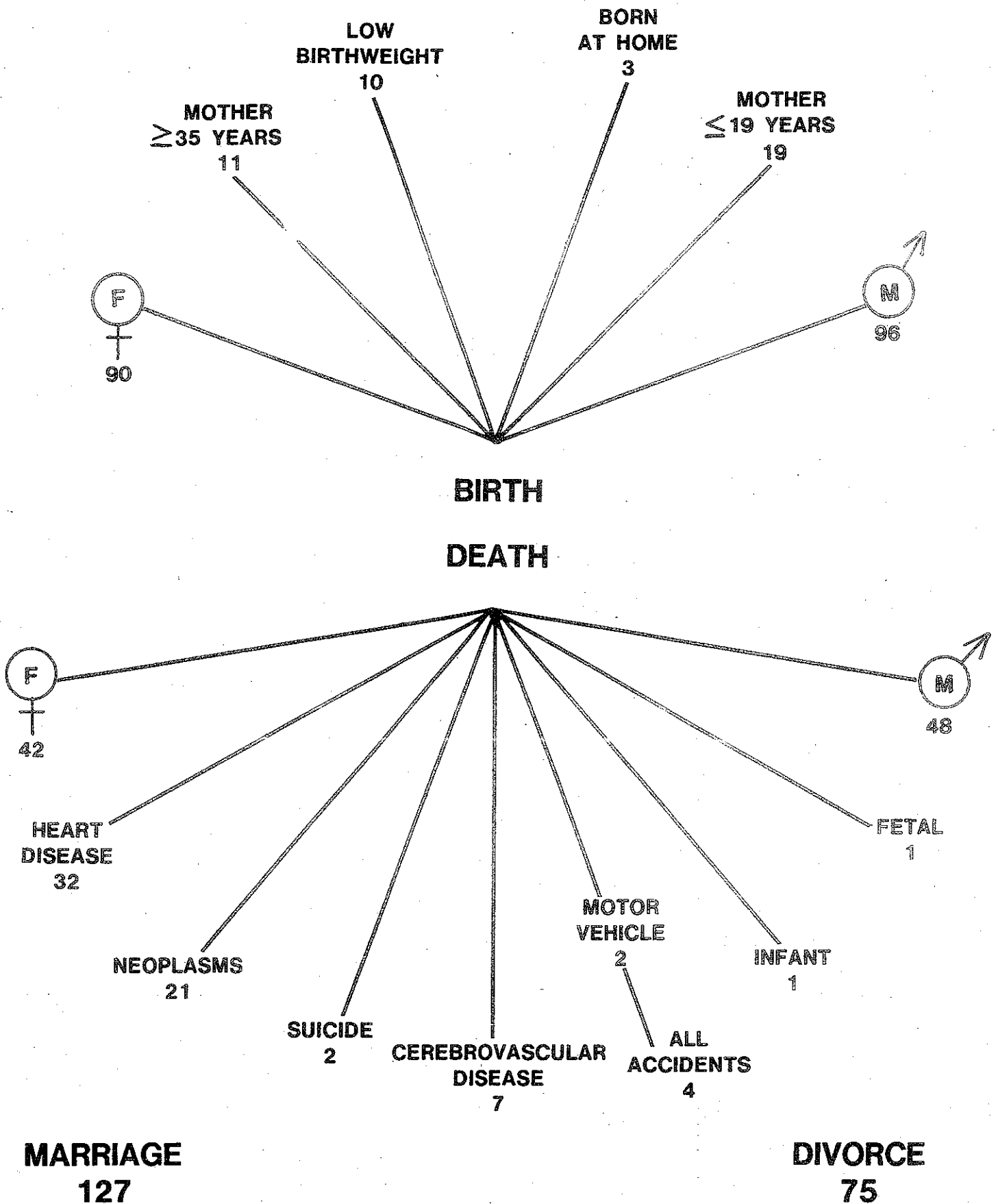


# INFANT and FETAL DEATH RATES 1915-1983

Washington Vital Statistics Summary, 1983



# DAILY EVENTS IN WASHINGTON STATE 1983



# **ANALYSIS**





## NATALITY

### PRESENTED THIS YEAR: BIRTH WEIGHT RELATED TO MOTHER'S AGE, RACE, AND COMPLICATIONS

Birth weight is one of the most important (and readily measurable) indicators of infant health. Low birth weight infants\* have a higher risk of dying in their first year than do normal birth weight infants. Even if they survive this period, they are more likely to have health problems in later life than are children of normal birth weight. Neonatal care can help infants survive but will not necessarily help them avoid the long-term consequences of low birth weight. Therefore all possible attempts should be made to prevent low birth weight.

Birth statistics help this prevention process by identifying characteristics which predispose a woman to having a low birth weight infant. Two of the most important characteristics identified thus far are non-white race and certain age groups (teenagers and older mothers). However, these characteristics are probably not risk factors in themselves, but instead are related to underlying problems which are the true risk factors.

To assist in identifying these problems, this analysis presents data on the interrelationship of age, race and complications accompanying the pregnancy. The analysis concentrates on four different age groups: young teens ( $\leq 17$ ), older teens (18-19), women of optimum childbearing age (20-34), and older mothers (35+). Three racial categories are used: white, black, and other non-white. Blacks have been separated from other non-whites because of the relatively high incidence of low birth weight among black mothers (nearly twice that of other races).

\*Low birth weight is defined in this report as 2500 grams (5 lbs 8 oz) or less.

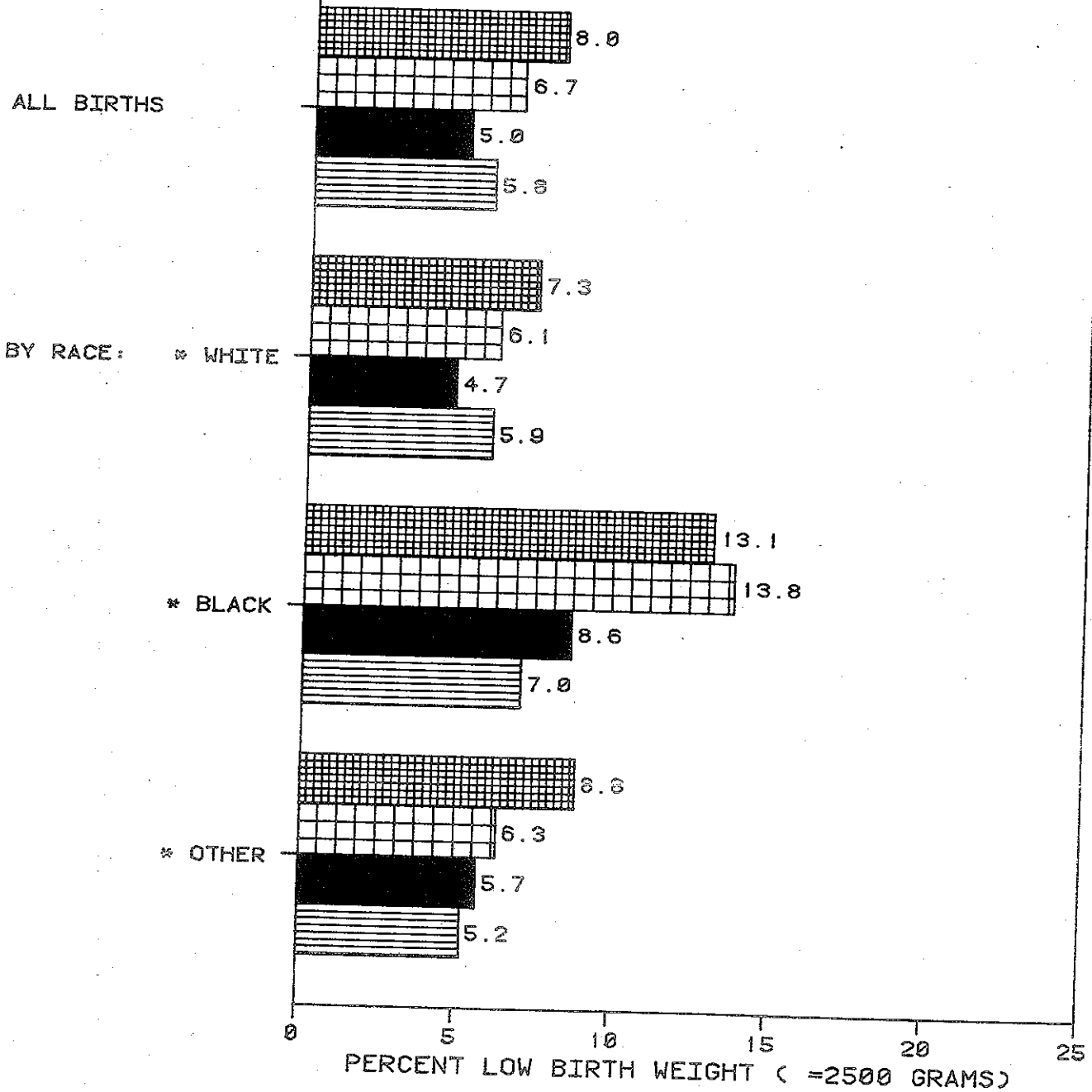
## NATALITY



### LOW BIRTH WEIGHT IS MORE PREVALENT IN TEENAGE, NON-WHITE MOTHERS



In Washington State, as elsewhere, young teens and black mothers of all ages are the most likely to bear a low birth weight infant. For example, in 1983, the incidence of low birth weight ranged from a low of 5% for whites in the optimum childbearing years (ages 20-34) to a high of 14% for blacks in their late teens.

Low birth weight can be caused by complications accompanying pregnancy. The role that such complications play in establishing the age/race differences seen here will be examined using birth certificate data. The Washington State birth certificate collects data on three types of complications accompanying pregnancy: complications related to pregnancy, complications not related to pregnancy, and complications of labor. Each of these types represents a different series of conditions, potentially affecting different age/race groups. Therefore, each type of complication is studied separately.

# BIRTH WEIGHT BY AGE AND RACE WASHINGTON STATE - 1983



AGE:       ≤17       20-34

 18-19       35+

## NATALITY

### COMPLICATIONS RELATED TO PREGNANCY: YOUNG TEENAGERS HAVE THE HIGHEST RATES

Young teens develop complications related to their pregnancy nearly twice as often as do women in the optimum childbearing years. Young black teenage mothers are particularly vulnerable; more than 20% of them had complications related to pregnancy in 1983.

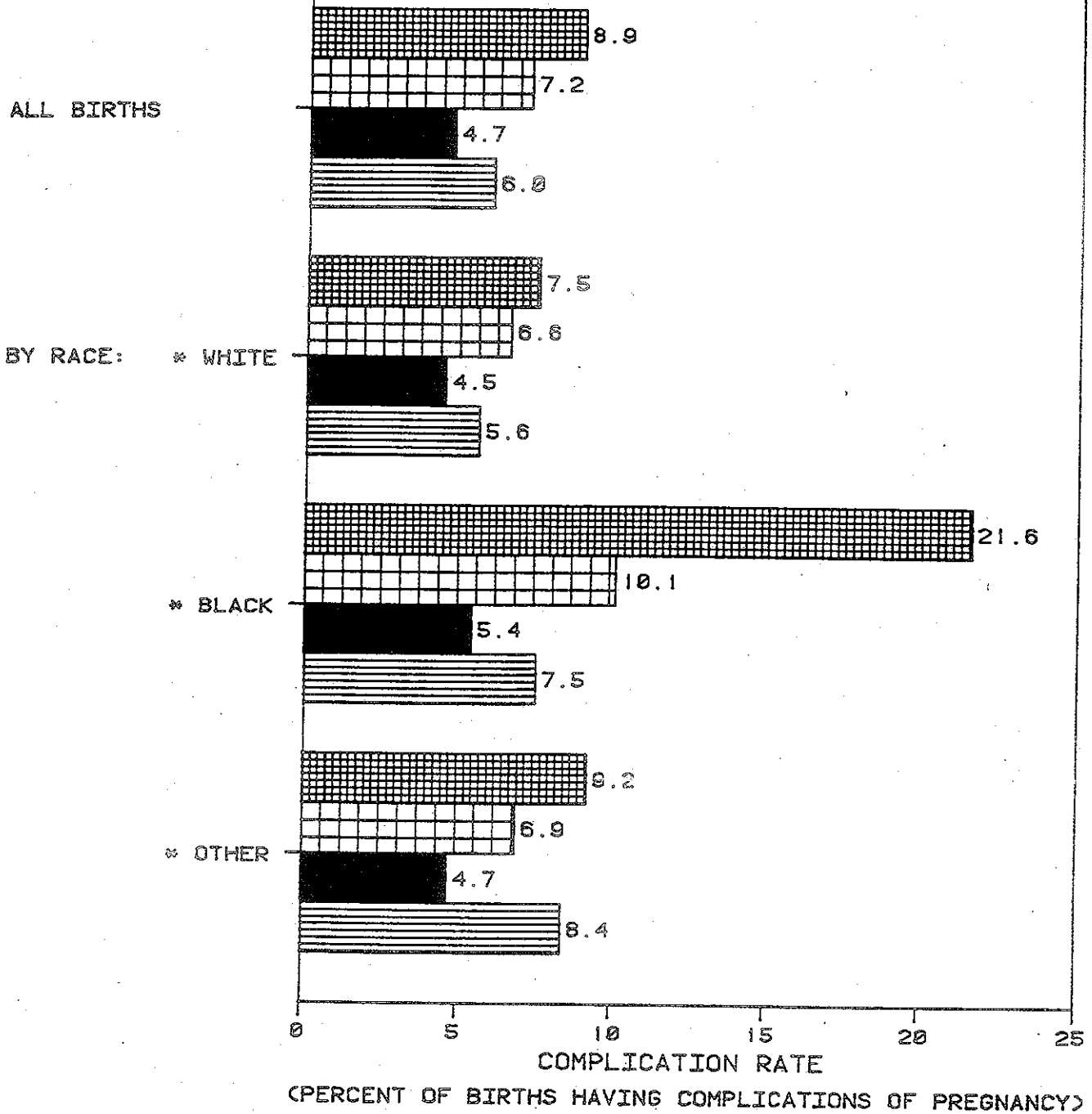
Two conditions account for most of the pregnancy complications among teenagers: pre-eclampsia and anemia. Pre-eclampsia is a condition of unknown etiology, generally more prevalent in women with poor nutrition or preexisting hypertension or vascular disease. If untreated, it can progress to eclampsia, which is a life-threatening condition. Anemia, also, is due to poor nutrition, most typically dietary iron deficiency.





The relatively high occurrence of anemia and pre-eclampsia in pregnant young teens may reflect the prevalence of poor nutrition in the teenage population. A national survey of young girls (aged 15-17) found that over half had diets poor in protein, iron, and vitamins A and C\*.

Pre-eclampsia and anemia are of concern not only because they signal general poor health and potential maternal problems, but also because they are strongly associated with low birth weight. About 16% of births complicated by these conditions are of low birth weight, as compared to 5% of births where these conditions are absent.

\*Unpublished data from the National Center for Health Statistics, Health and Nutrition Examination Survey, 1971-1974.

# COMPLICATIONS RELATED TO PREGNANCY WASHINGTON STATE - 1983



AGE:       ≤17                       20-34  
              18-19                       35+

## NATALITY

### COMPLICATIONS NOT RELATED TO PREGNANCY: OLDER MOTHERS HAVE THE HIGHEST RATES

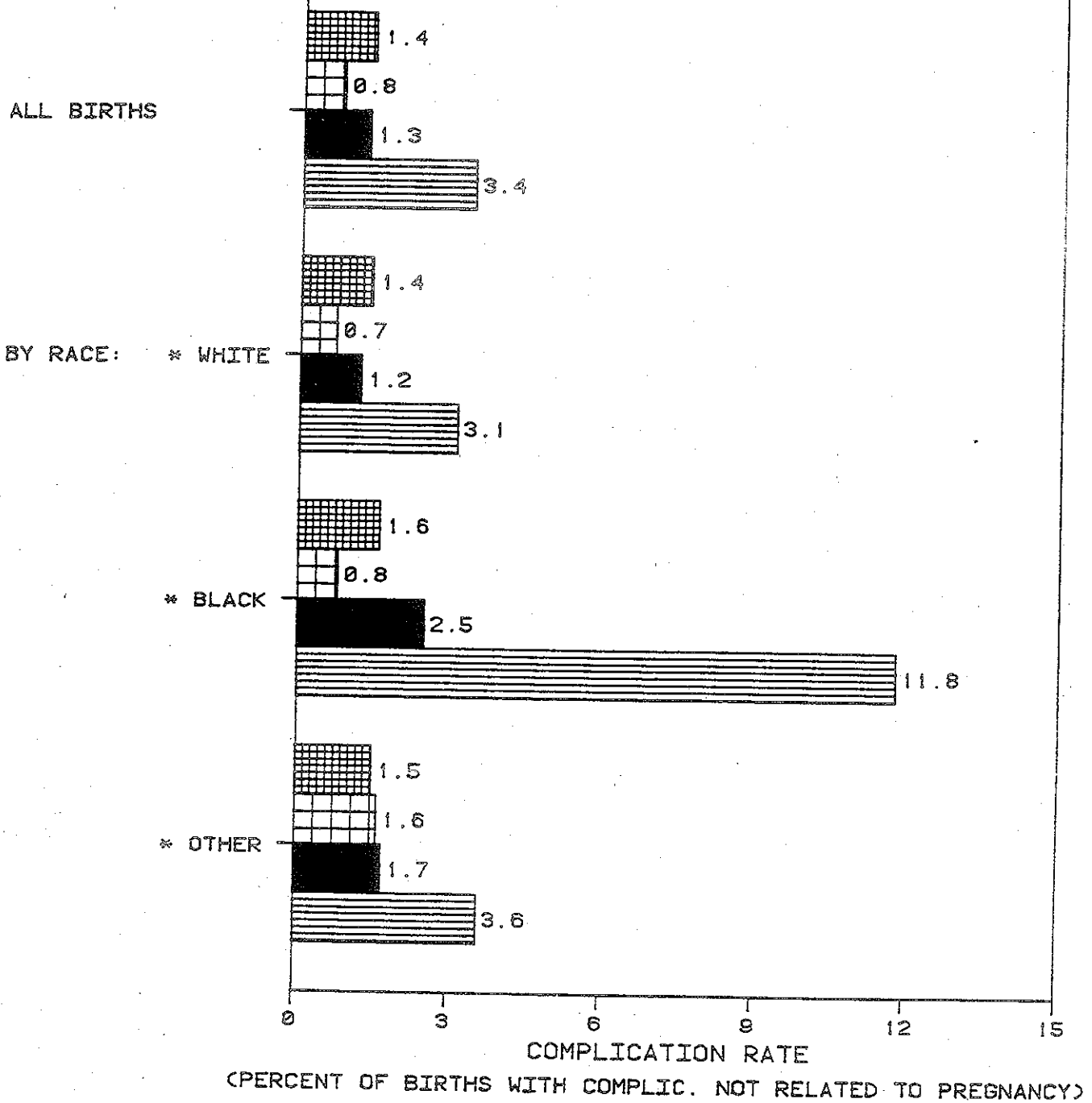
Complications not related to pregnancy are preexisting (often chronic) conditions which the woman brings into the pregnancy. In the general population, these conditions occur more often in older women. It is therefore not surprising that older women (aged 35+) are about three times as likely to have complications not related to pregnancy, compared to women of all younger age groups.





Chronic hypertension, diabetes, and symptomatic heart disease are the most common conditions in this category. These conditions are especially prevalent among older black mothers, being found in 11% of the births. Chronic hypertension in general is more of a health problem for blacks than for whites. A National Health Examination Survey conducted in 1971-75 found that 24% of the black women aged 35-44 had definite hypertension, as compared to 7% of white women in the same age group\*.

Chronic hypertension in the mother can hamper the delivery of nutrients or oxygen to the fetus, causing intrauterine growth retardation and resulting in a low birth weight infant. Preterm labor and delivery, another cause of low birth weight, can also be a consequence of elevated maternal blood pressure.

\*National Center for Health Statistics: Hypertension in Adults 25-74 Years of Age, United States, 1971-1975, by J. Roberts and M. Rowland. Vital and Health Statistics Series 11, No. 221. DHHS Pub. No. (PHS) 81-1671. Public Health Service, Washington. U. S. Government Printing Office, April, 1981.

COMPLICATIONS NOT RELATED TO PREGNANCY  
WASHINGTON STATE - 1983



AGE:       ≤17       20-34  
           18-19       35+

## NATALITY

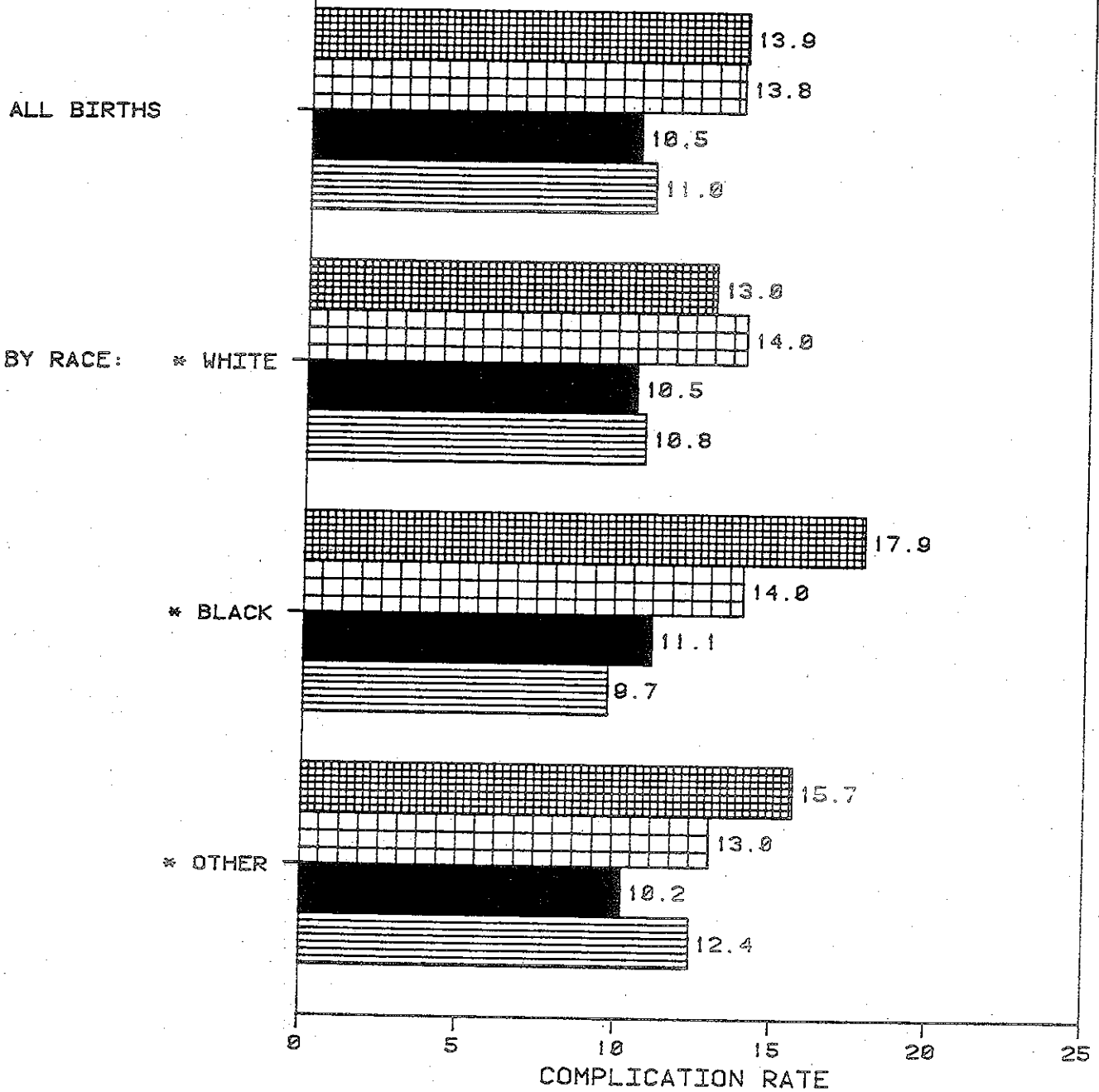
### COMPLICATIONS OF LABOR: ALL AGE GROUPS HAVE SIMILAR RATES

Complications of labor, as a group, show the smallest age/race differences. The only condition having a distinct pattern was laceration, which occurs more often among teenagers. In contrast to most of the other conditions studied, lacerations are somewhat more common among deliveries of high birth weight infants.





Deliveries involving other complications of labor, such as breech presentation and abruptio placenta, frequently result in a low birth weight infant. In breech presentation, oxygen exchange to the fetus is decreased due to compression of the cord and an anoxic condition develops which can lead to intrauterine growth retardation. Bleeding generally occurs in cases of abruptio placenta. If this bleeding cannot be controlled, early delivery may be necessary to save the life of both mother and child. In this case, the infant would be premature and consequently of low birth weight. Breech presentation occurs in about 3% of births and abruptio placenta in less than 1%, regardless of age or race. However, abruptio placenta is one of the less reliably reported conditions. Comparison of birth certificate and hospital records shows a reporting rate of less than 50%, as compared to 91% for breech presentation.



# COMPLICATIONS OF LABOR WASHINGTON STATE - 1983



(PERCENT OF BIRTHS HAVING COMPLICATIONS OF LABOR)

AGE:       ≤17       20-34  
           18-19       35+

## NATALITY

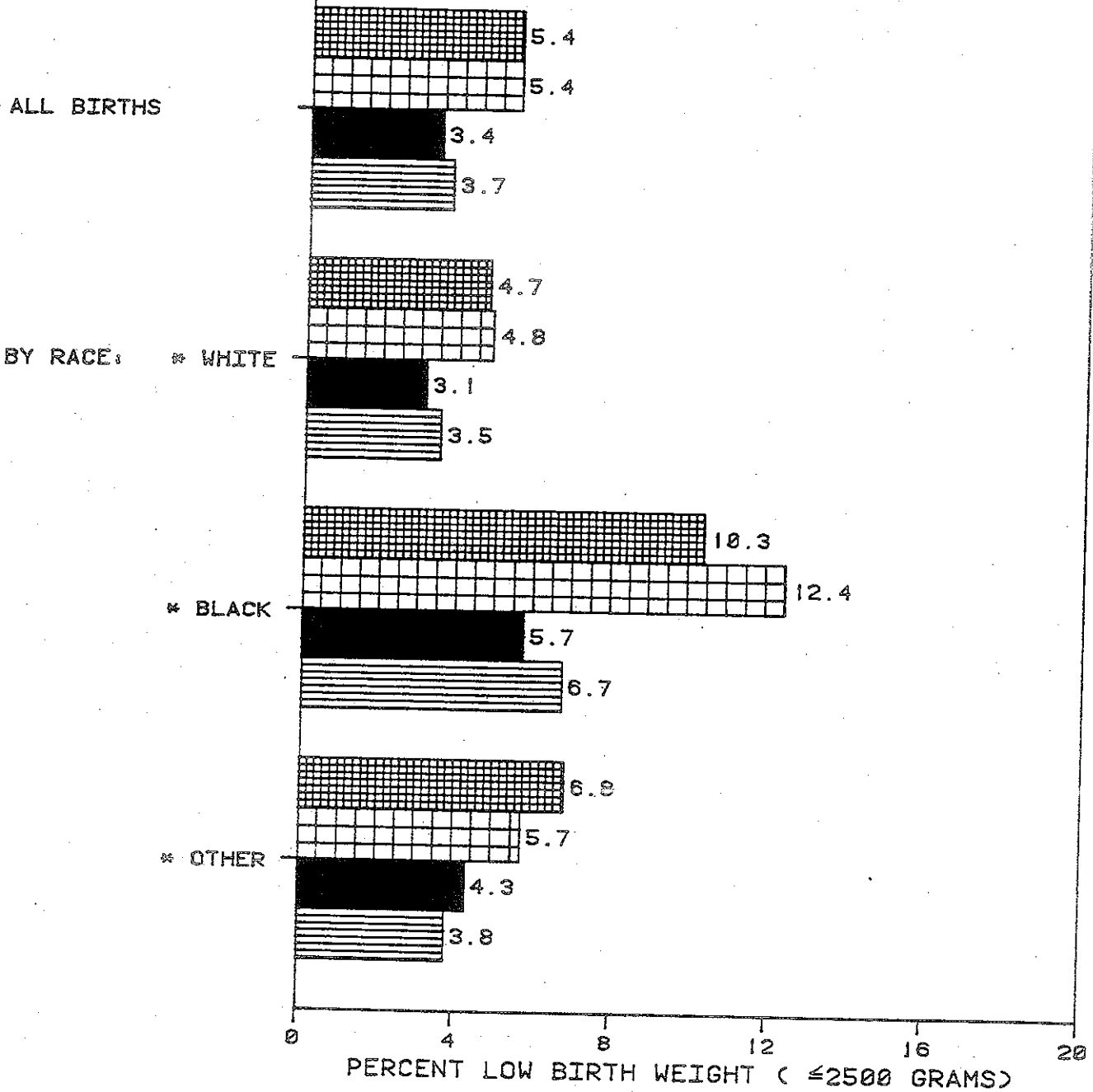
### UNCOMPLICATED BIRTHS: AGE DIFFERENCES PERSIST



This analysis has shown that young teens and black mothers are particularly at risk, both for having a low birth weight infant and for developing complications during pregnancy. To what extent are these two effects related? This question can be answered by looking at outcomes for uncomplicated births, i.e., those for which no complications were specified on the certificate. Age and race differences are found, even for these uncomplicated births. For example, among young white teens, the frequency of low birth weight (5%) is significantly higher\* than that for mothers in the optimum childbearing years (3%). Similar differences are found for other races.



Thus, teens and blacks have a higher chance of bearing a low birth weight infant even when their pregnancies are apparently uncomplicated. However, the conditions included in this analysis do not cover all possible complications. The nutrition problems of teens have been noted as a factor in the development of pre-eclampsia and anemia. Less extreme nutrition problems may not give rise to these conditions but may still affect the infant's birth weight. Other lifestyle factors, such as maternal smoking, may also be involved. A data item on maternal smoking was added to the Washington State birth certificate in 1984, allowing for investigation of this factor in subsequent analyses.

\* $P(X^2) < .001$

BIRTH WEIGHT BY AGE AND RACE  
 UNCOMPLICATED BIRTHS  
 WASHINGTON STATE - 1983



AGE:       ≤17       20-34

 18-19       35+



## NATALITY

### CONCLUSION FROM ANALYSIS: PROBLEM AREAS FOUND FOR CERTAIN GROUPS

Data on complications accompanying pregnancy help to explain why 20-34 is the optimum childbearing age. Mothers in this age group are less likely either to develop complications during the pregnancy or to enter pregnancy with preexisting medical conditions which complicate the pregnancy and can cause adverse outcome.

Teenagers and older mothers (particularly if they are black) are especially vulnerable to certain conditions: pre-eclampsia and anemia for teens, hypertension and diabetes among older women. This finding is of concern for several reasons:

a. Babies born to these mothers tend to have low birth weight, with its attendant morbidity and mortality.

b. Hypertension-related conditions such as pre-eclampsia and chronic hypertension are currently the leading cause of maternal mortality.

c. In addition to their effect on pregnancy outcome, these conditions generally indicate poor health. For example, women who develop pre-eclampsia have a higher incidence of hypertension in later life. For teenagers, this can mean not only many years of health problems for them, but also an increased possibility of adverse outcome for future pregnancies.

Even for births with no reported complications, adverse effects such as low birth weight occur preferentially in certain groups, notably teens and blacks. Possibly certain lifestyle factors, such as poor nutrition or maternal smoking, place these groups at higher risk.

It has been estimated that each dollar spent on prenatal care can save as much as \$3.38\* on specialized hospital care for low birth weight infants. Therefore, attempts to refine identification and treatment procedures for these high-risk groups would be beneficial from a financial as well as a health standpoint.

\*Estimated by Institute of Medicine, as reported in Science News, March 2, 1985, Vol. 127, p. 134.



## MORTALITY

### PRESENTED THIS YEAR: RESIDUAL CAUSES OF DEATH

When death statistics were first compiled, early in this century, acute conditions (such as tuberculosis, enteritis, and diphtheria) were the leading causes of death. For this reason, published death statistics included data on acute conditions in great detail. On the other hand, many chronic conditions, relatively unimportant at that time, were grouped together under the heading "residual causes". These published categories have remained essentially unchanged, regardless of the fact that mortality patterns have changed substantially. As infectious and acute heart disease deaths decline and people live longer, these chronic conditions assume more importance as causes of death, yet many of them are still grouped together under residual causes. Thus, published statistics do not adequately reflect today's causes of death. This analysis section examines the residual cause category to see what conditions are included and how important they are as causes of death. This is a first step in the revision of published death statistics for Washington State.

## MORTALITY

### RESIDUAL CAUSE DEATHS INCREASE

Death rates from residual causes nearly doubled between 1968 and 1983, with about half of this increase occurring in the past five years. About 10% of the 1983 Washington State deaths were from residual causes, for both men and women. This relatively large number of deaths and the strong recent increase in residual cause death rates suggests the need to examine this category further.

Diseases of the respiratory system constitute the single most important disease category under residual causes, accounting for 40% of the residual cause deaths in 1983. Death rates from these "residual" respiratory system diseases exceed death rates from some of the typical leading causes of death, such as motor vehicle accidents.

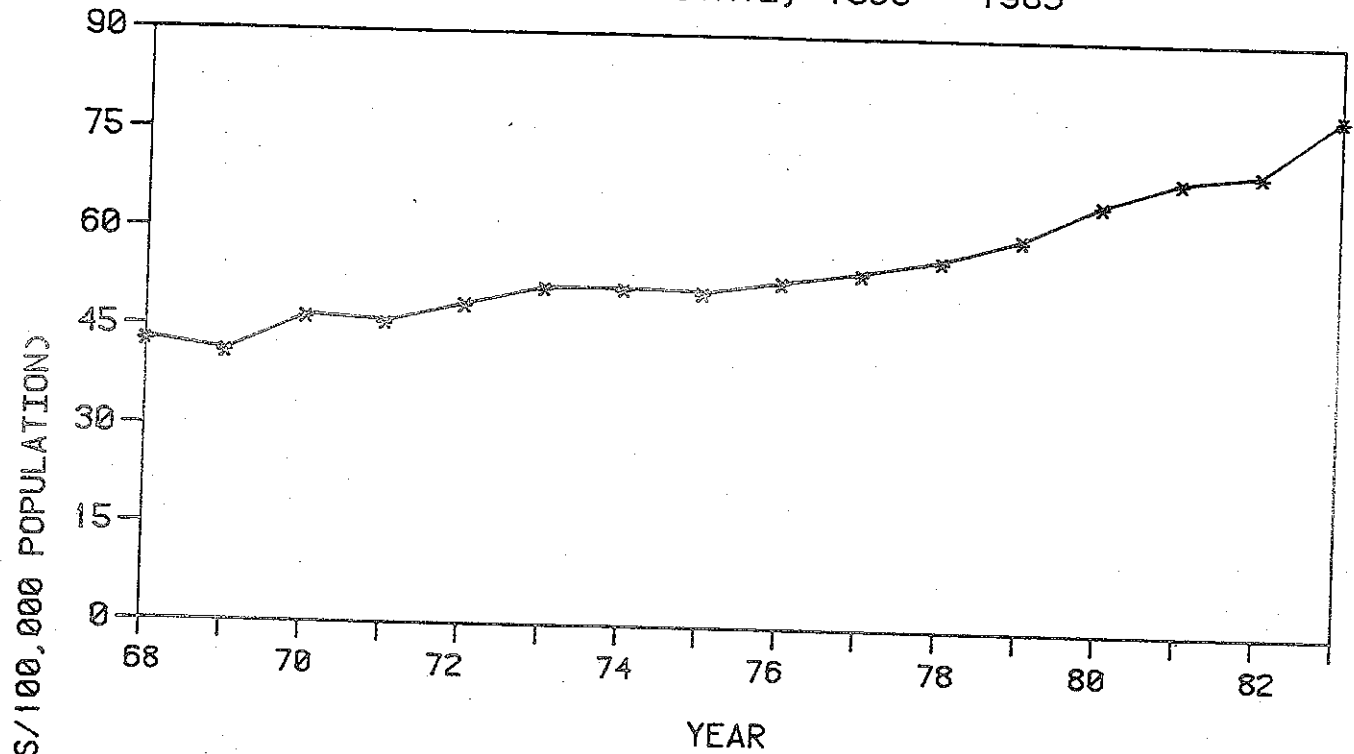
The increasing death rates noted above are seen only for four major disease groups: respiratory system, mental disorders, nervous system, and endocrine-metabolic disorders\*. Further analysis will focus on these four groups.

\*Cause of death codes (International List Numbers) for these conditions are:

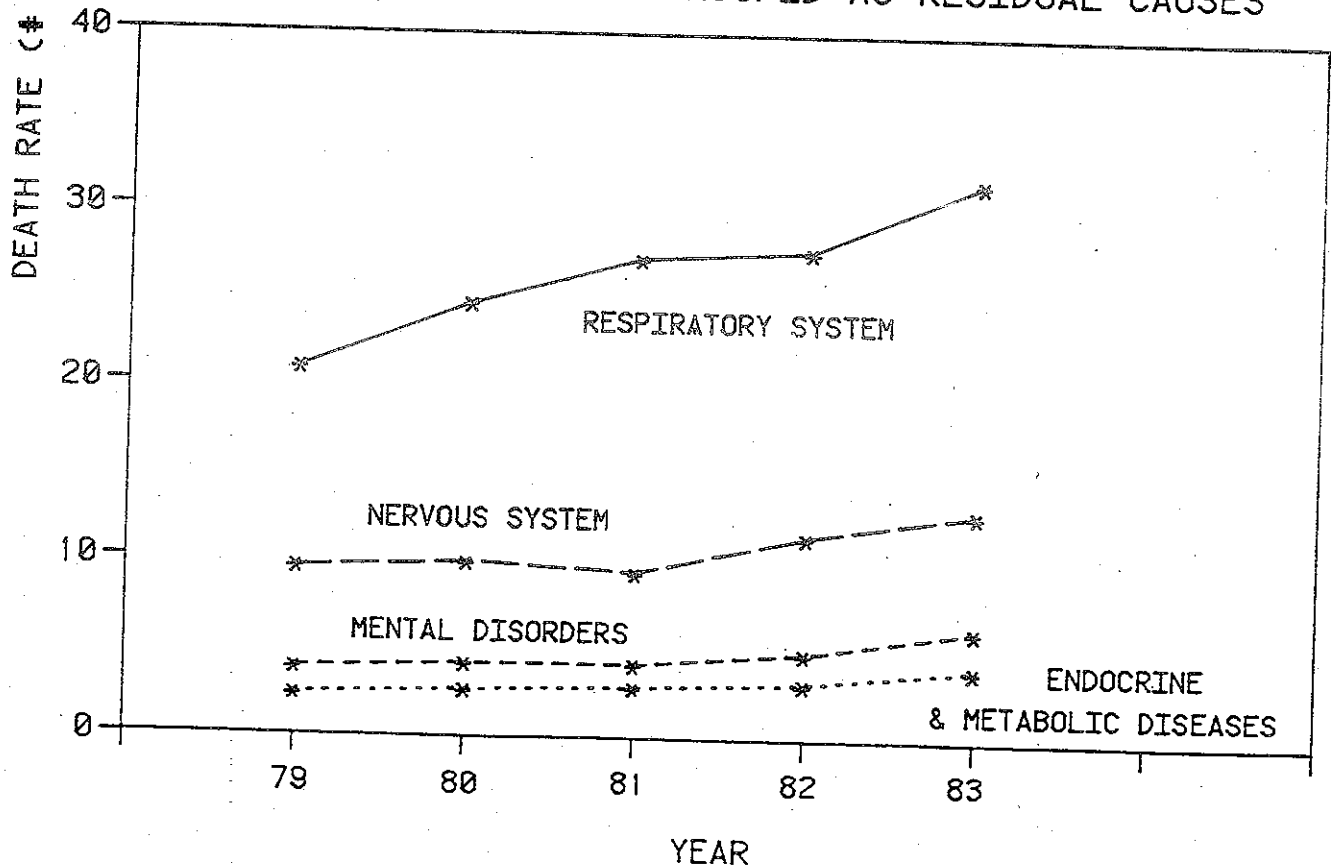
Respiratory System	460-519
Mental Disorders	290-319
Nervous System	320-389
Endocrine-Metabolic Disorders	240-279



RESIDUAL CAUSE DEATH RATES  
WASHINGTON STATE, 1968 - 1983



SELECTED CONDITIONS GROUPED AS RESIDUAL CAUSES



## MORTALITY

### CHRONIC RESPIRATORY DISEASES: DEATH RATES ARE INCREASING FOR WOMEN

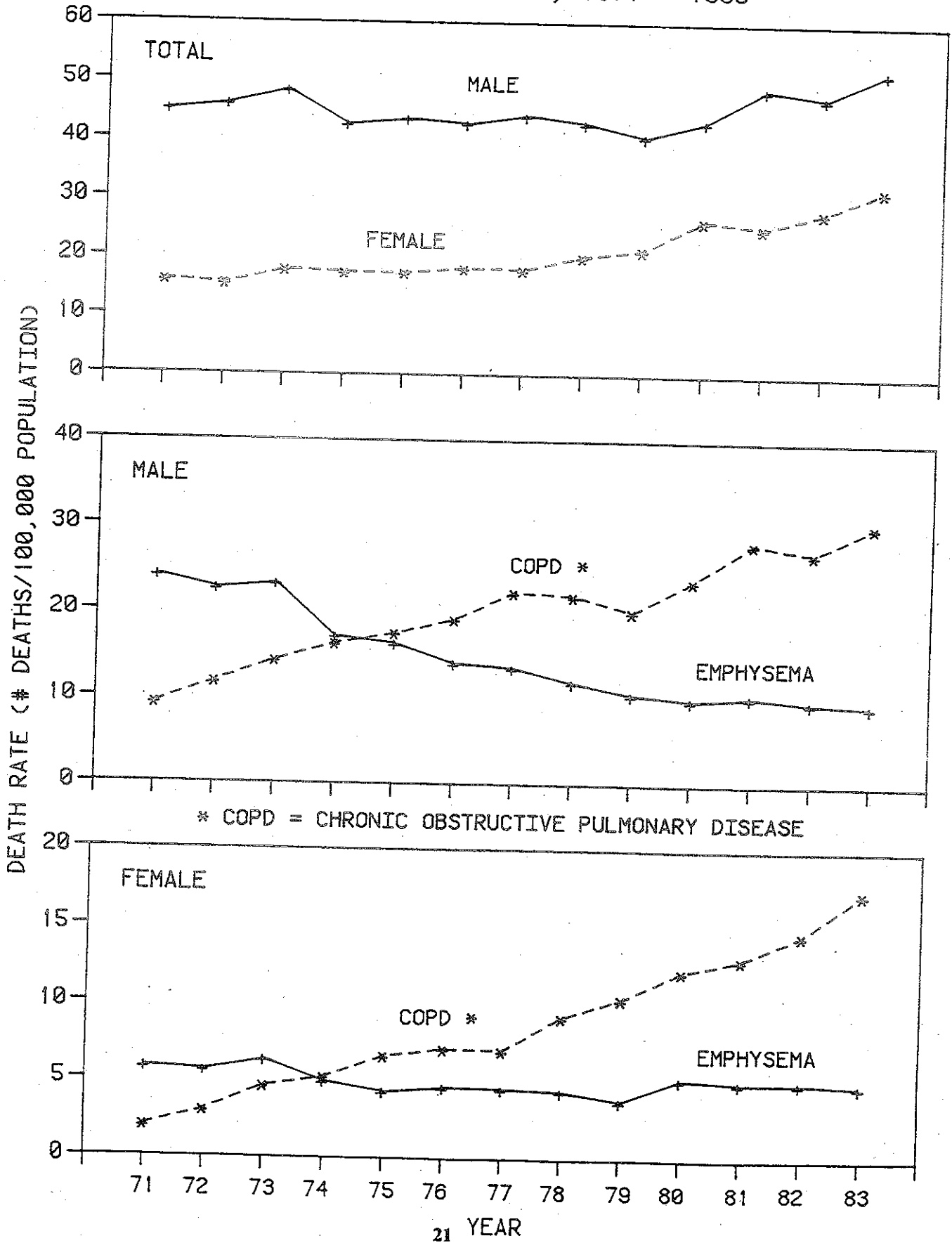
Respiratory diseases are either acute or chronic. Acute respiratory disease death rates fluctuate from year to year as epidemics occur. Since 1971, death rates from chronic respiratory diseases\* have increased by 16% for men and doubled for women.

Most of the chronic respiratory disease deaths are due either to emphysema or to chronic obstructive pulmonary disease (COPD). Death rates for males show an inverse relation between emphysema and COPD, so that the sum of the two has been nearly constant over time. These two conditions can coexist and it may be difficult to decide which one is involved in any particular case. The observed pattern might thus be related to changing diagnostic practice caused by publicity about certain conditions. In any case, these data illustrate the importance of studying all related conditions. Otherwise, the trend observed for emphysema, for example, might lead to a mistaken conclusion that chronic respiratory disease death rates are decreasing for men.

For women, a different pattern is found. The large recent increase in deaths from COPD is not balanced by a decrease in emphysema deaths, and thus it may represent a real increase in chronic respiratory disease mortality. This increase is consistent with the sharp increase in the female lung cancer death rate noted in the 1982 Annual Summary. Both of these conditions are caused primarily by smoking. Thus, in addition to being needed for a complete study of chronic respiratory disease, data on COPD are also useful as an indicator of smoking-related mortality.

\*Chronic respiratory diseases include bronchitis, emphysema, asthma, and chronic obstructive pulmonary disease (COPD, ICD codes 494-496). Of these, the first three have traditionally been published separately, whereas COPD has been grouped with the residual causes.

# CHRONIC RESPIRATORY DISEASE DEATHS WASHINGTON STATE, 1971 - 1983



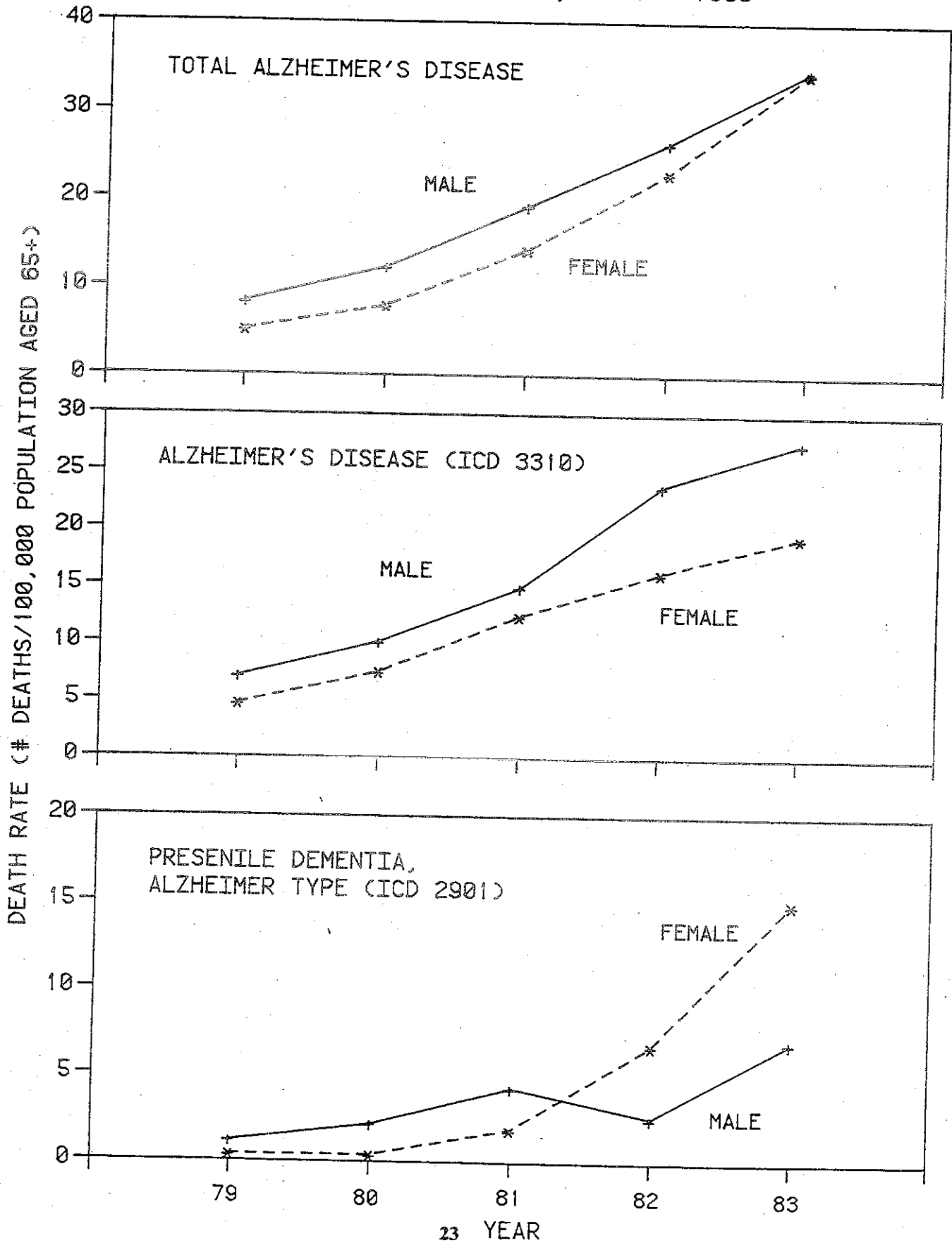
## MORTALITY

### MENTAL AND NERVOUS SYSTEM DISORDERS: ALZHEIMER'S DISEASE IS INCLUDED IN BOTH

Alzheimer's disease can be classified as either a nervous system disease or as a mental disorder (Alzheimer-type dementia). This condition is the major cause of recent increases in death rates from both mental and nervous system disorders. The overall Alzheimer's death rate has increased five-fold since 1979 (based on the 65+ population, the only group affected by this cause). This increase may reflect recent publicity given to Alzheimer's disease, rather than representing an increase in the incidence or fatality of this condition.

Male and female death rates from Alzheimer's disease are approximately equal. However, female deaths are more likely to be ascribed to Alzheimer-type dementia (the mental condition) than are male deaths. Nearly half of the female deaths were due to dementia, as compared to 20% of the male deaths. Thus, it is necessary to look at both the mental and nervous system disorders in order to form a complete picture of Alzheimer's Disease deaths.

ALZHEIMER'S DISEASE DEATHS IN THE 65+ POPULATION  
WASHINGTON STATE, 1979 - 1983



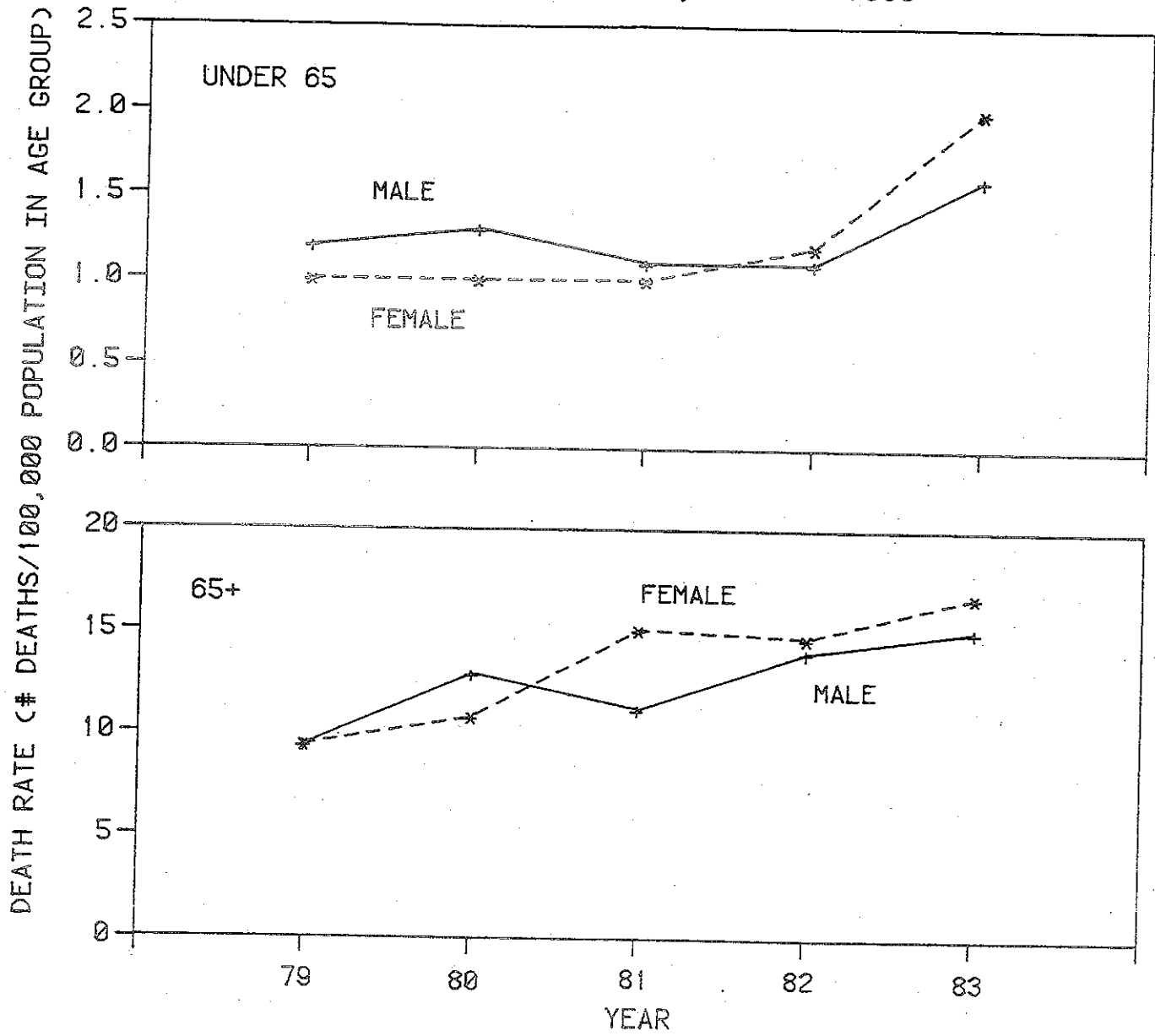
## MORTALITY

### METABOLIC DISORDERS: DEATHS ARE INCREASING FOR THE ELDERLY

For the population 65 and older, metabolic disorder death rates have been increasing steadily, nearly doubling since 1979 for both men and women. Deaths in this age group are mainly due to dehydration and are most common among the very elderly (60% of the decedents were at least 85). Many death certificates in this category also mention contributory conditions such as "debilitation", "failure to thrive", and "loss of will to live". Although the number of deaths in this category are relatively small (75 in 1983), the increasing death rates are of concern. Some, but not all, of this increase is due to increasing relative numbers of those aged 85 and older.

In contrast, metabolic disorder death rates for the under 65 population have been relatively constant. The higher death rate seen in 1983 is due to an increase in deaths from cystic fibrosis, a hereditary disease primarily affecting the digestive and respiratory systems. Cystic fibrosis is the most common genetic disease among whites. The increase in death rates could be due to improved diagnostic procedures or it could be an artifact of the small numbers involved (<20 in 1983). Data for subsequent years may provide more information in this respect.

METABOLIC DISORDERS BY AGE GROUP  
WASHINGTON STATE, 1979 - 1983







## MORTALITY

### CONCLUSION FROM ANALYSIS: NEW CAUSE OF DEATH GROUPINGS NEEDED

Published cause of death groupings should be revised to take into account changing mortality patterns. In particular, deaths grouped as residual causes include too many diverse conditions affecting different subgroups of the population. Some of these residual causes (particularly chronic respiratory diseases) are increasing in importance as other causes diminish. Therefore, these conditions should be separated out so that they can be monitored.

Another reason for revising cause of death groupings is their effect on leading causes of death. A common way to display death statistics is by showing leading or major causes of death for different age groups (i.e., those causes accounting for the largest number of deaths). Obviously, the identity of these leading causes is strongly related to the way in which the causes are grouped. Currently, chronic respiratory diseases are underestimated as leading causes because a major cause of death, COPD, is grouped under residual causes. These residual causes are not considered when leading causes of death are determined. A revision of cause of death groups may thus change rankings for some causes, leading to a truer picture of major causes of death in Washington State.

SUMMARY OF THE NUMBER OF LIVE BIRTHS, DEATHS, DEATHS OF INFANTS UNDER ONE  
YEAR OF AGE, MATERNAL DEATHS, AND FETAL DEATHS, WITH RATES  
WASHINGTON STATE 1920 - 1983

Year	Live Births			Deaths			Infant Deaths			Maternal Deaths			Fetal Deaths		
	Population	Number	Rate*	Number	Rate*	Rate**	Number	Rate***	Number	Rate***	Number	Rate***	Number	Ratio**	
1920	1,367,000	27,072	19.8	15,164	11.1	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	1,568,000	23,019	14.7	16,678	10.6	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	1,752,400	27,952	16.0	19,837	11.3	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				

Year	Live Births			Deaths			Infant Deaths			Maternal Deaths			Fetal Deaths		
	Population	Number	Rate*	Number	Rate*	Rate**	Number	Rate***	Number	Rate***	Number	Rate***	Number	Ratio**	
1949	2,331,000	56,433	24.2	22,420	9.6	27.0	1,526	6.4	36	6.4	850	15.1			
1950	2,378,963	55,755	23.4	22,450	9.4	27.4	1,526	5.0	28	5.0	799	14.3			
1951	2,444,000	57,994	23.7	23,300	9.5	24.3	1,412	4.0	23	4.0	852	14.7			
1952	2,496,100	61,436	24.6	22,874	9.2	24.8	1,522	2.4	15	2.4	857	13.9			
1953	2,528,200	61,571	24.4	23,279	9.2	25.3	1,556	2.9	18	2.9	834	13.5			
1954	2,566,000	62,703	24.4	23,238	9.1	24.1	1,514	4.6	29	4.6	829	13.2			
1955	2,586,100	62,290	24.1	24,410	9.4	24.4	1,520	2.6	16	2.6	806	12.9			
1956	2,651,900	64,999	24.5	24,207	9.1	23.4	1,524	2.0	13	2.0	777	12.0			
1957	2,712,700	65,982	24.3	25,140	9.3	24.2	1,596	3.0	20	3.0	793	12.0			
1958	2,767,900	65,574	23.7	25,429	9.2	26.0	1,707	1.7	11	1.7	764	11.7			
1959	2,819,000	65,729	23.3	26,229	9.3	23.9	1,570	1.4	9	1.4	749	11.4			
1960	2,853,214	65,251	22.9	26,505	9.3	23.4	1,528	2.6	17	2.6	738	11.3			
1961	2,897,000	65,013	22.4	26,353	9.1	22.6	1,467	2.9	19	2.9	756	11.6			
1962	2,948,000	64,812	22.0	27,343	9.3	22.8	1,476	0.9	6	0.9	704	10.9			
1963	2,972,000	61,013	20.5	27,550	9.3	21.9	1,339	1.6	10	1.6	657	10.8			
1964	3,008,000	57,148	19.0	28,106	9.3	22.3	1,277	1.2	7	1.2	637	11.1			
1965	3,065,000	52,806	17.2	27,379	8.9	21.4	1,130	2.8	15	2.8	639	12.1			
1966	3,125,000	51,777	16.6	29,035	9.3	20.9	1,084	2.5	13	2.5	554	10.7			
1967	3,229,000	54,875	17.1	29,302	9.1	19.1	1,050	2.2	12	2.2	573	10.4			
1968	3,329,000	57,206	17.2	30,360	9.1	19.6	1,120	1.4	8	1.4	620	10.8			
1969	3,365,000	59,354	17.6	30,504	9.1	18.8	1,118	2.0	12	2.0	651	11.0			
1970	3,409,169	60,499	17.7	29,901	8.8	18.8	1,135	1.5	9	1.5	640	10.6			
1971	3,433,000	55,304	16.1	30,318	8.8	18.2	1,008	0.9	5	0.9	574	10.4			
1972	3,418,800	48,250	14.1	29,747	8.7	17.0	805	1.2	6	1.2	428	8.8			
1973	3,424,300	47,636	13.9	30,751	9.0	16.4	781	0.6	3	0.6	430	9.0			
1974	3,448,100	50,096	14.5	29,773	8.6	15.2	763	0.8	4	0.8	450	9.0			
1975	3,494,124	50,821	14.5	29,778	8.5	15.7	798	1.0	5	1.0	421	8.3			
1976	3,571,600	53,004	14.8	30,275	8.5	14.4	765	0.6	3	0.6	439	8.3			
1977	3,661,975	57,256	15.6	29,789	8.1	12.2	696	0.9	5	0.9	426	7.4			
1978	3,774,294	58,725	15.6	30,469	8.1	12.6	737	0.7	4	0.7	465	7.9			
1979	3,911,200	64,377	16.5	30,418	7.8	11.4	737	1.2	8	1.2	466	7.2			
1980	4,130,163	67,857	16.4	32,012	7.8	11.8	798	1.5	10	1.5	533	7.9			
1981	4,250,123	69,756	16.4	32,022	7.5	10.5	731	1.0	7	1.0	489	7.0			
1982	4,264,000	69,529	16.3	32,309	7.6	10.7	744	1.2	8	1.2	501	7.2			
1983	4,285,100	68,705	16.0	32,631	7.6	9.5	653	0.9	6	0.9	474	6.9			

\*Per 1,000 Population  
 \*\*Per 1,000 Live Births  
 \*\*\*Per 10,000 Live Births  
 1961-1969 population figures are revised estimates provided by the Office of Program Planning and Fiscal Management.  
 1979-1982 maternal death figures are revised totals based on studies conducted by the Health Data Unit.



# **NATALITY**

TABLE 1

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1983

A. RESIDENCE, BY RACE BY SEX

	Total	Male	Female
Total	68,705	35,360	33,345
White	58,254	29,981	28,273
Black	3,039	1,522	1,517
Mexican/ Chicano	2,193	1,127	1,066
Indian	1,613	826	787
Japanese	387	205	182
Chinese	319	161	158
Filipino	691	352	339
Other Asian	1,991	1,068	923
Other	20	14	6
Unknown	198	104	94

TABLE 1B. RESIDENCE, BY MOTHERS AGE GROUP BY SEX, WASHINGTON STATE, 1983

	TOTAL	MALE	FEMALE
TOTAL	68705	35360	33345
UNDER 15	99	46	53
15-19	7288	3738	3550
20-24	24699	11249	10488
25-29	22826	11757	11069
30-34	12743	6526	6217
35-39	3579	1838	1741
40-44	444	224	220
45 AND OVER	16	9	7
UNKNOWN	14	6	8

C. RESIDENCE, BY ORDER OF BIRTH TO MOTHER

		%*
Total	68,705	100.0
1st child	28,159	41.0
2nd child	22,367	32.6
3rd child	10,333	15.0
4th child	3,741	5.4
5th child	1,321	1.9
6th child	548	0.8
7th child	219	0.3
8th child	140	0.2
9th child	70	0.1
10th or more	78	0.1
Unknown	1,729	2.5

D. RESIDENCE, BY ATTENDANT

		%*
Total	68,705	100.0
M.D.	63,950	93.1
Midwife	2,196	3.2
Osteopath	1,293	1.9
Nurse	386	0.6
Father	123	0.2
Mother	11	0.0
Other	348	0.5
Unknown	398	0.6

E. RESIDENCE, MULTIPLE LIVE BIRTHS

Sets of twins	710
Sets of triplets	7

F. TYPE OF PLACE BY OCCURRENCE

		%*
Total	68,073	100.0
General Hospital	61,509	90.4
Federal Facility	4,385	6.4
Home	1,179	1.7
Birth Center	627	.9
Born on Arrival	58	.1
Other and Unknown	315	.5

TABLE 1 (Cont'd)

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1983

G. RESIDENCE AND OCCURRENCE, BY SEX BY BIRTH WEIGHT IN GRAMS

	RESIDENCE			OCCURRENCE		
	Total	Male	Female	Total	Male	Female
Total	68,705	35,360	33,345	68,073	35,076	32,997
1,000 grams and under	285	138	147	275	131	144
1,001 - 1,500	312	164	148	315	168	147
1,501 - 2,000	700	330	370	702	337	365
2,001 - 2,500	2,308	1,071	1,237	2,295	1,065	1,230
2,501 - 3,000	8,683	3,749	4,934	8,591	3,717	4,874
3,001 - 3,500	23,909	11,232	12,677	23,694	11,119	12,575
3,501 - 4,000	22,680	12,406	10,274	22,459	12,311	10,148
4,001 - 4,500	7,855	4,887	2,968	7,784	4,855	2,929
4,501 and Over	1,911	1,352	559	1,897	1,343	554
Unknown	62	31	31	61	30	31

H. RESIDENCE AND OCCURRENCE, LIVE BIRTHS AND FETAL DEATHS BY MONTH.

	LIVE BIRTHS		FETAL DEATHS	
	Residence	Occurrence	Residence	Occurrence
Total	68,705	68,073	474	482
January	5,548	5,494	52	53
February	5,221	5,192	31	31
March	6,123	6,082	34	34
April	5,971	5,927	32	34
May	6,164	6,092	40	40
June	5,748	5,696	45	46
July	6,054	5,982	45	46
August	5,897	5,786	47	48
September	5,697	5,646	38	37
October	5,448	5,438	20	21
November	5,397	5,344	46	48
December	5,437	5,394	44	44

\*Detail may not add to 100% due to rounding.

OCCURRENCE



TABLE 2: LIVEBIRTH INTER-COUNTY TRAVEL PATTERN

RESIDENCE	ADAMS	ASOTIN	BENTON	CHELAN	CLALLAM	CLARK	COLUMBIA	COWLITZ	DOUGLAS	FERRY	FRANKLIN	GARFIELD	GRANT	GRAYS HARBOR	ISLAND	JEFFERSON	KING
ADAMS	176		17	1							2		25				
ASOTIN		11	1														
BENTON			1847								121		3				4
CHELAN				783	1												21
CLALLAM					754									4		2	24
CLARK						2061		11									5
COLUMBIA						1	23	11									
COWLITZ				1		48		1114									3
DOUGLAS			1	292					1				2				7
FERRY				1						49			5				
FRANKLIN	45		427								338		6				1
GARFIELD			1									20					
GRANT	47		16	161				1			1		621				9
GRAYS HARBOR					1	1								671			26
ISLAND															731		40
JEFFERSON					19									4		162	9
KING			1	1		1							1				17534
KITSAP				1	2			1							3		239
KITTITAS				3									1				11
KLICKITAT						1											
LEWIS			1			2		56						1			2
LINCOLN	1												5				
MASON														7			10
OKANOGAN				5						4			26				2
PACIFIC						2		7						57			4
PEND OREILLE																	
PIERCE					1			1								2	504
SAN JUAN					1										1		12
SKAGIT								1					1		9		38
SKAMANIA						17											
SNOHOMISH				4											4		1751
SPOKANE	2		2	1				1					1				3
STEVENS			1														
THURSTON								1						3			18
WAHKIAKUM						1		40									
WALLA WALLA			30				6				12						4
WHATCOM																	22
WHITMAN	3																1
YAKIMA			153								2		1				9
OUT-OF-STATE		7	23	2	1	42		143			8	1	2	4	3		81



# WASHINGTON STATE RESIDENTS AND OCCURRENCES, 1983.

KITSAP	KITTITAS	KLICKITAT	LEWIS	LINCOLN	MASON	OKANOGAN	PACIFIC	PEND OREILLE	PIERCE	SAN JUAN	SKAGIT	SKAMANIA	SNOHOMISH	SPOKANE	STEVENS	THURSTON	WAHIAKUM	WALLA WALLA	WHATCOM	WHITMAN	YAKIMA	OUT-OF-STATE	
				4							1			69								3	
														4						6			222
									2				1	19				10				82	16
						22			1					2									
1									2				2										2
		1																					967
														1				18					1
			4				3		1							1							77
						39								3									1
				1		3					1			17	29								4
														21				17		2	4		5
														1				2		2			16
	9			2		6			2					67		1			1		17		2
1			24		3		26		18				1			242							2
									13		68		30										1
3					1				4							1							1
8	3		1			2			693		5		329	1		5		1	4		4		33
2295					3				324		3		19									1	12
	260		1										1										57
		154									1												12
		1	723						32														113
																							5
				42										84	1								1
71					215				39				2			145							1
				1		535	1							19									12
			5				72		1							8							84
								62						42	6								10
61			1						3591				5			32		1					19
1										32	48		1							9			
											979		12							9		3	4
		23	1									6											61
1									8		142		4173	1						3		1	12
				2				1	1					5495	3							1	34
				5					1			1	176	303	2					1			9
3			101		1				342							1687				1		1	7
																							3
														2				690				1	8
									1		94		1	1						1526	1	1	11
														71							347		30
						1			1					3		1		2				3134	9
2		37	4	1	2	1	1	33	23		4		8	282	3	2		323	5	106	7		

TABLE 3

COUNTY AND CITY	RESIDENCE				OCCURRENCE	
	NUMBER	RATE	MALE	FEMALE	NUMBER	RATE
STATE TOTALS	68,705	16.0	35,360	33,345	68,073	15.9
ADAMS	298	21.9	151	147	274	20.1
ASOTIN	244	14.5	127	117	18	1.1
BENTON	2,105	19.4	1,104	1,001	2,521	23.2
KENNEWICK	917	25.7	480	437	855	23.9
RICHLAND	487	15.2	247	240	1,355	42.3
CHELAN	830	17.8	443	387	1,256	27.0
WENATCHEE	338	19.7	182	156	1,103	64.3
CLALLAM	791	15.2	422	369	780	14.9
FORT ANGELES	280	16.4	148	132	653	38.2
CLARK	3,045	15.2	1,518	1,527	2,177	10.9
VANCOUVER	1,168	27.4	588	580	2,157	50.6
COLUMBIA	55	13.8	24	31	29	7.3
COWLITZ	1,252	15.8	657	595	1,388	17.5
KELSO	219	19.9	119	100	3	.3
LONGVIEW	508	16.9	261	247	1,382	46.1
DOUGLAS	346	15.4	174	172	1	.1
FERRY	110	18.0	59	51	53	8.7
FRANKLIN	866	24.1	432	434	484	13.4
PASCO	547	28.6	283	264	482	35.2
GARFIELD	42	17.5	17	25	21	8.8
GRANT	963	19.6	504	459	700	14.3
HOSES LAKE	200	19.4	99	101	536	52.0
GRAYS HARBOR	1,016	15.4	510	506	751	11.4
ABERDEEN	268	14.8	135	133	685	38.0
ISLAND	883	18.8	456	427	751	16.0
OAK HARBOR	330	27.2	171	159	412	33.9
JEFFERSON	204	12.1	102	102	166	9.9
KING	18,627	14.2	9,621	9,006	20,394	15.5
AUBURN	553	19.1	271	282	570	19.7
BELLEVUE	830	11.2	442	388	2,034	27.5
DES MOINES	68	6.6	32	36	1	.1
KENT	533	20.9	278	255	21	.8
KIRKLAND	350	18.6	174	176	1,011	53.6
MERCER ISLAND	157	7.4	84	73	1	.1
REDMOND	405	15.4	207	198	1,812	68.9
RENTON	597	18.3	287	310	1,930	59.0
SEATTLE	6,610	13.5	3,427	3,183	12,629	25.8
KITSAP	2,903	18.0	1,486	1,417	2,447	15.1
BREHURTON	866	24.4	434	432	2,373	66.9
KITTITAS	334	13.4	167	167	272	10.9
ELLENSBURG	144	12.5	78	66	252	21.8
KLICKITAT	281	17.2	154	127	216	13.3
LEWIS	910	16.3	487	423	865	15.4
CENTRALIA	236	20.2	129	107	417	35.6
LINCOLN	134	14.0	73	61	58	6.0
HASON	490	14.6	260	230	225	6.7
OKANOGAN	605	19.2	314	291	609	19.3
PACIFIC	240	13.6	116	124	103	5.9
PEND OREILLE	120	13.5	59	61	96	10.3
PIERCE	9,218	18.2	4,754	4,464	10,100	19.9
PUYALLUP	309	16.7	154	155	1,208	65.1
TACOMA	2,955	18.7	1,537	1,418	8,662	54.7
SAN JUAN	105	12.1	57	48	32	3.7
SKAGIT	1,056	16.0	563	493	1,346	20.4
MOUNT VERNON	265	19.5	130	135	889	65.4
SKAHANIA	108	13.8	55	53	6	.8
SNOHOMISH	6,100	16.9	3,144	2,956	4,586	12.7
EDMONDS	400	14.8	218	182	1,667	61.7
EVERETT	1,299	23.1	674	625	2,380	42.3
LYNNWOOD	578	25.1	296	282	17	.7
MOUNTLAKE TERRACE	269	16.8	138	131	11	.7
SPOKANE	5,547	15.9	2,847	2,700	6,381	18.3
SPOKANE (CITY)	3,006	17.7	1,547	1,459	5,888	34.6
STEVENS	499	16.8	237	262	345	11.6
THRISTON	2,165	16.2	1,122	1,043	2,212	16.6
LACEY	255	18.2	120	135	4	.3
OLYMPIA	628	22.4	335	293	2,203	78.7
WANKIAKUM	44	11.9	26	18		
WALLA WALLA	743	15.4	386	357	1,055	21.9
WALLA WALLA (CITY)	428	16.7	229	199	1,047	40.9
WHATCOM	1,658	14.8	839	819	1,558	13.9
BELLINGHAM	608	13.2	306	302	1,531	33.4
WHITMAN	452	11.3	238	214	465	11.7
PULLMAN	222	9.7	104	118	393	17.1
YAKIMA	3,316	18.7	1,655	1,661	3,332	18.8
YAKIMA (CITY)	927	19.1	433	494	2,336	48.2

TABLE 4

## LIVE BIRTHS BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTALS	68,705	58,254	3,039	2,193	1,613	387	319	691	1,991	20	198
ADAMS	298	275	1	20	1				1		
ASOTIN	244	231	1		2			1			9
BENTON	2,105	1,820	21	172	17	7	7	8	52	1	
KENNEWICK	917	807	8	62	6	1	3	4	25	1	
RICHLAND	487	439	7	9	6	2	4	2	18		
CHELAN	830	708	3	107	5		1	2	3	1	
WENATCHEE	338	303	2	26	4			1	2		
CLALLAM	791	710	4	8	54	1		5	5		4
PORT ANGELES	280	256	2	1	13	1		3	3		1
CLARK	3,043	2,825	63	36	36			10	62		9
VANCOUVER	1,168	1,040	40	15	23	3	1	7	39		4
COLUMBIA	55	50		5							
COWLITZ	1,252	1,217	1	3	9		1	1	18		2
KELSO	219	213	1	1	1				2		1
LONGVIEW	508	490			4				13		1
DOUGLAS	346	300		43	1	1			1		
FERRY	110	74			32						4
FRANKLIN	866	599	35	207	4	2	1		17		1
PASCO	547	309	34	182	4	2	1		15		
GARFIELD	62	40		2							
GRANT	963	857	7	70	9	4	2	4	9	1	
HOSES LAKE	200	172	2	18	1	1		2	6		
GRAYS HARBOR	1,016	913	2	11	67	3	3	8	5	1	3
ABERDEEN	268	244	1	2	13	1	2	2	2		1
ISLAND	883	789	34	7	8	3		6	36		
OAK HARBOR	330	271	24	3	5	2		3	22		
JEFFERSON	204	195		2	5			1	1		
KING	18,627	15,037	1,372	145	304	199	222	350	925	7	66
AUBURN	553	504	8	3	18	3		5	11		1
BELLEVEUE	830	696	33	3	3	20	8	11	54		2
DES MOINES	68	59	2		4			1	2		
KENT	533	478	13	7	4	6	5	5	13	1	1
KIRKLAND	350	322	8	2	2	3	2	2	6	1	3
MERCER ISLAND	157	130	8			6	3	3	7		
REDMOND	405	371	9	1		5	3	4	12		
RENTON	597	480	37	7	8	6	8	13	33		5
SEATTLE	6,610	4,401	1,032	63	155	79	133	220	487	5	35
KITSAP	2,903	2,508	98	38	61	14	12	93	76	1	2
BREMERTON	866	668	62	20	14	2	6	57	36	1	
KITTITAS	334	311		5	9	1		2	5		1
ELLENSBURG	144	131		3	5				4		1
KLICKITAT	281	246		15	18				1		1
LEWIS	910	877	4	17	7			1	3		1
CENTRALIA	236	223	2	5	3				3		
LINCOLN	134	125			8	1					
MASON	490	443	3	5	29	1	1	1	6		1
OKANOGAN	605	427	1	55	107			1	4		10
PACIFIC	240	221	1	3	9	1	1		3		1
PEND OREILLE	120	112		1	5			1	1		
PIERCE	9,218	7,269	1,071	100	167	70	22	101	412	2	4
PUYALLUP	309	290	4		2	2		2	8		
TACOMA	2,955	2,165	440	23	98	17	6	34	161		3
SAN JUAN	105	102	1			1			1		
SKAGIT	1,056	991	4	20	29	2	2	3	5		
HOUNT VERNON	265	252	1	8	1			1	2		
SKAMANIA	108	101	1	1	3			1			1
SNOHOMISH	6,100	5,659	63	35	114	24	12	47	126	1	19
EDMONDS	400	364	5	4	4			6	15		
EVERETT	1,299	1,188	22	4	36	5	2	7	29		5
LYNNWOOD	578	523	11	2	6	3	4	6	20	1	
HOUNTLAKE TERRACE	269	245	4	3	3	2	1	4	7		3
SPOKANE	5,547	5,132	136	29	108	23	9	13	93	3	1
SPOKANE (CITY)	3,006	2,736	93	17	81	11	4	4	56	3	1
STEVENS	499	451	1	2	32				3	1	9
THURSTON	2,165	1,978	44	20	25	6	5	12	70		5
LACEY	255	220	5	4	3			2	21		
OLYMPIA	628	561	9	3	6	1	4	4	37		3
WAHIAKUM	44	43			1						
WALLA WALLA	743	619	13	96	5	3	3	1	3		
WALLA WALLA (CITY)	428	355	10	55	2	1	3		2		
WHATCOM	1,658	1,481	11	33	91	3	5	6	18		10
BELLINGHAM	608	538	2	9	35	2	2	4	13		3
WHITMAN	452	416	9	4	2	6	6	8	8	1	
PULLMAN	222	189	9	4	2	4	6	7	7	1	
YAKIMA	3,316	2,102	34	876	229	8	3	12	18		34
YAKIMA (CITY)	927	703	26	147	26	3	2	3	5		12

CORRECTED 7/86

TABLE 5. LIVE BIRTHS BY MOTHER'S AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE, 1983

COUNTY AND CITY	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	NOT STATED
STATE TOTALS	68705	99	7288	21699	22826	12743	3579	444	16	14
ADAMS	298	1	49	83	94	55	14	2	0	0
ASOTIN	244	0	34	105	62	36	4	2	0	1
BENTON	2105	4	223	684	710	359	107	17	1	0
KENNEWICK	917	2	109	316	308	144	33	5	0	0
RICHLAND	487	2	34	134	165	103	43	6	0	0
CHELAN	830	2	123	265	277	124	33	6	0	0
WENATCHEE	338	2	62	116	104	43	8	3	0	0
CLALLAM	791	1	94	292	223	147	32	2	0	0
PORT ANGELES	280	1	43	104	78	45	9	0	0	0
CLARK	3045	3	336	961	1041	543	142	17	1	1
VANCOUVER	1468	2	173	463	327	161	36	4	1	1
COLUMBIA	55	0	5	21	21	5	2	1	0	0
COWLITZ	1252	2	191	498	346	174	33	8	0	0
KELSO	219	0	40	90	60	23	5	1	0	0
LONGVIEW	508	0	88	194	144	65	15	2	0	0
DOUGLAS	346	1	42	122	114	51	16	0	0	0
FERRY	110	0	17	26	39	20	7	1	0	0
FRANKLIN	866	4	115	317	266	129	29	6	0	0
PASCO	547	4	87	216	152	72	14	2	0	0
GARFIELD	42	0	2	15	15	9	1	0	0	0
GRANT	963	0	121	336	319	137	41	9	0	0
MOSES LAKE	200	0	28	68	64	30	8	2	0	0
GRAYS HARBOR	1016	2	138	366	327	146	31	6	0	0
APERDEEN	268	1	44	109	71	35	7	1	0	0
ISLAND	883	1	82	356	254	138	46	6	0	0
OAK HARBOR	330	0	39	155	80	40	14	2	0	0
JEFFERSON	204	0	23	59	73	41	7	1	0	0
KING	18627	25	1394	4659	6500	4477	1402	158	4	8
AUGURN	553	2	75	237	165	61	13	0	0	0

BELLEVIEW	830	0	35	226	301	197	60	10	1	0
DES MOINES	68	0	4	22	31	10	1	0	0	0
KENT	533	1	54	194	184	82	20	1	0	0
KIRKLAND	350	0	11	76	144	83	33	3	0	0
MERCER ISLAND	457	0	3	18	38	69	26	3	0	0
REDMOND	405	0	16	70	160	114	40	4	0	0
RENTON	597	2	67	190	221	87	26	4	0	1
SEATTLE	6610	13	538	1513	2108	1789	581	66	0	0
KITSAP	2903	2	296	966	984	506	132	16	1	0
BREMERTON	866	2	134	355	251	97	27	0	0	0
KITTITAS	334	0	29	109	110	68	15	3	0	0
EILLENSBURG	144	0	10	56	42	32	3	1	0	0
KLICKITAT	281	0	38	107	79	43	12	2	0	0
LEWIS	910	1	145	344	261	120	31	0	0	0
CENTRALIA	236	1	47	93	64	24	5	2	0	0
LINCOLN	134	0	13	33	57	22	7	2	0	0
MASON	490	1	61	161	166	78	21	2	0	0
OKANOGAN	605	3	111	206	167	91	25	2	0	0
PACIFIC	240	0	42	85	69	30	13	1	0	0
PEND OREILLE	120	0	22	29	33	32	3	1	0	0
PIERCE	9218	11	1147	3362	2921	1377	360	38	2	0
PUYALLUP	309	0	32	103	98	64	12	0	0	0
TACOMA	2955	8	427	1029	949	422	99	19	2	0
SAN JUAN	105	0	2	33	31	29	10	0	0	0
SKAGIT	1056	3	119	364	352	168	43	7	0	0
MOUNT VERNON	265	2	43	92	89	32	5	2	0	0
SKAMANIA	108	0	11	34	40	16	4	3	0	0
SNOHOMISH	6100	6	569	1915	2150	1120	298	39	2	1
EDMONDS	400	0	31	112	151	81	23	2	0	0
EVERETT	1299	2	163	503	416	168	40	7	0	0
LYNNWOOD	578	0	61	207	478	98	31	3	0	0
MOUNTLAKE TERRACE	269	0	22	69	113	51	13	1	0	0
SPOKANE	5547	5	600	1893	1827	956	238	24	2	2
SPOKANE (CITY)	3006	4	344	1026	1019	495	107	8	2	1
STEVENS	499	1	72	154	145	91	30	6	0	0
THURSTON	2165	2	222	714	732	374	106	13	2	0
LACEY	255	0	30	76	81	44	20	3	1	0
OLYMPIA	628	0	67	213	199	129	18	1	1	0
WAIKIKUMI	44	0	5	16	11	10	2	0	0	0

WALLA WALLA	743	1	91	267	240	111	32	1	0	0
WALLA WALLA (CITY)	428	1	64	148	132	63	20	0	0	0
WHATCOM	1658	2	123	498	597	345	86	6	0	1
BELLINGHAM	608	1	55	186	213	132	21	0	0	0
WHITMAN	452	0	30	128	184	92	17	1	0	0
PULLMAN	222	0	7	59	92	57	6	1	0	0
YAKIMA	3316	15	551	1116	989	473	147	24	1	0
YAKIMA (CITY)	927	8	149	308	274	151	29	8	0	0

TABLE 6

## LIVE BIRTHS BY MONTH BY PLACE OF RESIDENCE, WASHINGTON STATE 1963

COUNTY AND CITY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
STATE TOTALS	68,705	5,548	5,221	6,123	5,971	6,164	5,748	6,054	5,897	5,697	5,448	5,397	5,437
ADAMS	298	28	17	30	22	24	23	45	17	21	29	18	24
ASOTIN	244	19	11	14	19	24	19	32	20	19	15	28	24
BENTON	2,105	181	166	184	199	172	190	186	164	180	167	164	152
KENNEWICK	917	70	77	82	89	66	74	78	71	87	78	82	70
RICHLAND	487	38	37	47	44	36	49	49	41	46	42	34	24
CHELAN	830	65	52	68	63	73	76	74	82	79	63	76	59
WENATCHEE	338	27	16	26	25	29	28	26	28	44	21	41	27
CLALLAM	791	62	57	64	64	71	67	67	73	72	59	54	81
PORT ANGELES	280	25	21	26	22	26	20	20	23	20	24	14	39
CLARK	3,045	258	243	302	256	315	234	263	252	234	230	216	242
VANCOUVER	1,168	99	86	111	98	118	84	93	96	101	90	96	96
COLUMBIA	55	1	4	5	5	6	7	6	3	2	3	11	
COWLITZ	1,252	113	82	118	104	127	111	117	108	105	86	83	98
KELSO	219	24	13	19	17	18	19	22	20	18	17	14	18
LONGVIEW	508	49	33	45	46	64	45	47	39	41	32	28	39
DOUGLAS	346	36	24	26	28	25	35	36	34	19	23	31	29
FERRY	110	9	9	11	9	7	12	13	10	8	9	5	8
FRANKLIN	866	71	56	70	69	74	77	83	85	79	71	63	68
PASCO	547	39	35	44	44	52	50	50	56	49	40	38	50
GARFIELD	42	1	1	7	1	4	2	6	8	3	3	4	2
GRANT	963	79	79	76	90	90	87	89	88	60	88	74	63
MOSES LAKE	200	18	19	17	19	11	21	20	20	11	18	11	15
GRAYS HARBOR	1,016	83	71	90	94	95	82	83	80	90	87	80	81
ABERDEEN	268	24	20	20	20	23	18	22	24	24	26	24	23
ISLAND	883	67	63	75	78	76	80	61	72	87	73	72	79
OAK HARBOR	330	24	19	33	32	25	23	23	29	36	26	28	32
JEFFERSON	204	16	18	18	17	20	19	18	17	16	12	15	18
KING	18,627	1,500	1,483	1,687	1,560	1,594	1,556	1,601	1,589	1,594	1,492	1,492	1,479
AUBURN	553	32	45	45	41	52	48	54	51	47	56	37	45
BELLEVUE	830	73	63	67	77	74	72	69	80	72	52	85	46
DES MOINES	68	6	2	6	7	7	4	5	8	7	8	7	7
KENT	533	44	45	57	49	51	48	47	44	36	38	33	41
KIRKLAND	350	25	24	24	38	27	38	35	37	28	27	23	24
MERCER ISLAND	157	11	11	20	16	11	15	13	14	9	12	10	15
REDMOND	405	33	25	38	36	41	36	35	39	31	33	33	25
RENTON	597	40	42	57	46	46	46	61	56	53	49	53	48
SEATTLE	6,610	557	528	613	559	555	562	567	543	580	527	501	518
KITSAP	2,903	208	185	275	272	264	244	271	250	226	221	248	239
BREHERTON	866	68	49	61	57	88	72	91	79	82	78	75	66
KITTITAS	334	35	31	29	29	29	26	29	23	31	24	22	26
ELLENSBURG	144	17	13	11	11	10	18	13	10	14	9	9	9
KLICKITAT	281	28	24	23	24	28	16	27	35	25	15	17	19
LEWIS	910	62	66	80	77	87	91	80	78	64	78	73	74
CENTRALIA	236	20	16	22	26	18	18	15	17	15	26	30	13
LINCOLN	134	6	15	14	16	9	10	12	7	13	13	10	9
MASON	490	38	31	45	36	46	39	43	42	41	41	49	39
OKANOGAN	605	46	41	54	59	41	45	46	68	55	48	49	53
PACIFIC	240	12	21	17	24	20	23	21	22	19	22	18	21
PEND OREILLE	120	9	16	8	4	9	10	7	13	9	10	15	10
PIERCE	9,218	754	754	770	802	859	794	782	766	801	709	729	698
PUYALUP	309	25	24	21	22	27	27	25	33	18	28	35	29
TACOMA	2,955	251	227	248	248	269	258	262	239	261	249	236	207
SAN JUAN	105	3	6	4	19	8	8	15	8	9	5	11	9
SKAGIT	1,056	86	77	107	94	92	87	97	76	97	83	93	67
MOUNT VERNON	265	25	22	22	25	21	23	18	21	24	18	29	17
SKAMANIA	108	10	3	9	9	10	8	7	11	12	14	8	7
SNORHISH	6,100	479	474	546	529	583	470	521	554	483	458	495	508
EDMONDS	400	31	29	36	35	39	24	45	30	34	35	33	29
EVERETT	1,299	105	104	128	102	132	85	113	119	99	103	106	103
LYNNWOOD	578	40	40	49	47	46	44	64	64	51	48	36	49
MOUNTLAKE TERRACE	269	27	24	16	21	22	27	28	27	17	19	20	21
SPOKANE	5,547	449	378	525	515	517	460	500	470	447	465	426	395
SPOKANE (CITY)	3,006	234	202	289	257	277	263	277	273	252	258	212	212
STEVENS	499	34	41	44	45	44	39	48	41	29	41	49	44
THURSTON	2,165	170	159	171	196	181	198	199	183	183	204	135	186
LACEY	255	22	9	23	22	19	23	21	24	28	21	28	15
OLYMPIA	628	42	37	51	55	56	61	54	54	50	61	46	61
WAHKIACUM	44	4	2	7	2	6	2	4	2	6	4	1	4
WALLA WALLA	743	54	53	71	67	62	54	72	55	56	60	86	53
WALLA WALLA (CITY)	428	35	30	44	40	32	32	39	38	31	31	52	24
WHATCOM	1,658	144	125	137	145	145	147	138	145	147	137	129	119
BELLINGHAM	608	61	46	46	59	66	50	38	46	56	51	50	39
WHITMAN	452	42	32	44	32	33	35	37	40	39	33	26	59
PULLMAN	222	20	16	17	19	17	16	21	14	18	16	13	35
YAKIMA	3,316	286	251	298	297	294	265	318	307	236	254	230	280
YAKIMA (CITY)	927	74	73	87	67	89	63	92	97	60	78	63	84

TABLE 7

## LIVE BIRTHS BY INSTITUTIONS BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

County and City	Total	General Hospital	Birth Center	Federal Facilities	Home	Born on Arrival	Other and Unknown
STATE TOTAL	68,073	61,509	528	4,385	1,179	58	414
Adams	274	271			1	1	1
Asotin	18	17			1		
Benton	2,521	2,371	104		13	4	29
Kennewick	855	718	104		4		29
Richland	1,355	1,350			2	3	
Chelan	1,256	1,238			17		1
Wenatchee	1,103	1,096			6		1
Clallam	780	747			29		4
Port Angeles	653	640			13		
Clark	2,177	2,130			46	1	
Vancouver	2,157	2,130			26	1	
Columbia	29	29					
Cowlitz	1,388	1,377			11		
Kelso	3				3		
Longview	1,382	1,377			5		
Douglas	1				1		
Ferry	53	46			4		3
Franklin	484	479			4		1
Pasco	482	479			2		1
Garfield	21	21					
Grant	700	690			8	2	
Moses Lake	536	535			1		
Grays Harbor	751	737			11		3
Aberdeen	685	680			2		3
Island	751	313		408	29		1
Oak Harbor	414			408	5		1
Jefferson	166	158			8		
King	20,394	19,877	23		359	21	114
Auburn	570	560			9	1	
Bellevue	2,034	2,009			21		4
Des Moines	1				1		
Kent	21				21		
Kirkland	1,011	1,000			11		
Mercer Island	1				1		
Redmond	1,812	1,798			13	1	
Renton	1,930	1,919			10	1	
Seattle	12,629	12,294	13		207	18	97
Kitsap	2,447	1,513		834	72	5	23
Bremerton	2,374	1,513		834	22	5	
Kittitas	272	247			5	1	19
Ellensburg	252	247			4	1	
Klickitat	216	210			5	1	
Lewis	865	846			10		9
Centralia	417	415			2		
Lincoln	58	53			3		2
Mason	225	208			17		
Okanogan	609	561			38		10
Pacific	103	101			2		
Pend Oreille	96	87			5		4
Pierce	10,100	7,209		2,688	99	9	95
Puyallup	1,208	1,199			6	3	
Tacoma	8,762	6,007		2,688	62	5	
San Juan	32				7		25
Skagit	1,346	1,101	192		27		26
Mount Vernon	889	667	192		5		25
Skamania	6				6		
Snohomish	4,586	4,373	52		140	5	16
Edmonds	1,667	1,596	52		9	1	9
Everett	2,380	2,336			42	2	
Lynnwood	17				14	1	2
Huntslake Terrace	11				11		
Spokane	6,381	5,712	157	455	44	4	9
Spokane (city)	5,886	5,684	157		32	4	9
Stevens	345	327			17		1
Thurston	2,212	2,161			50		1
Lacey	4				4		
Olympia	2,203	2,161			41		1
Wahkiakum							
Walla Walla	1,055	1,040			14		1
Walla Walla (city)	1,047	1,040			7		
Whatcom	1,558	1,481			65	1	11
Bellingham	1,531	1,481			39	1	10
Whitman	465	457			3	1	4
Pullman	393	391			2		
Yakima	3,332	3,321			8	2	1
Yakima (city)	2,336	2,329			7		



TABLE 8

## LIVE BIRTHS BY BIRTH WEIGHT IN GRAMS BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	1000 OR LESS	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501 AND OVER	NOT STATED
STATE TOTALS	68,705	285	312	700	2,308	8,683	23,909	22,680	7,855	1,911	62
ADAMS	298	2	2	10	10	42	96	87	42	5	2
ASOTIN	244		1	3	3	37	79	79	36	6	
BENTON	2,105	9	9	19	65	228	723	692	286	73	1
KENNEWICK	917	4	3	9	29	93	337	291	115	35	1
RICHLAND	487	4	2	2	16	64	151	163	69	16	
CHELAN	830	3	4	7	32	109	306	271	84	13	1
WENATCHEE	338	1	2	3	10	46	143	95	34	4	
CLALLAM	791	3	2	10	24	81	276	279	84	31	1
PORT ANGELES	280			4	4	34	109	93	24	12	
CLARK	3,045	14	11	21	108	375	1,045	1,001	373	93	4
VANCOUVER	1,168	8	5	9	53	165	409	378	108	32	1
COLUMBIA	55			1	3	9	22	11	4	5	
COWLITZ	1,252	6	7	10	39	167	424	419	145	34	1
KELSO	219	1		1	7	33	68	81	22	5	1
LONGVIEW	508	3	5	3	16	73	184	153	54	17	
DOUGLAS	346		1	3	21	40	128	117	31	5	
FERRY	110	1	1	2	1	17	41	34	11	2	
FRANKLIN	866	1	4	5	19	119	304	284	107	21	2
PASCO	547	1	2	2	13	83	198	169	61	16	2
GARFIELD	42	1		1	2	2	14	16	5	1	
GRANT	963	4	7	5	32	119	331	318	121	24	2
MOSES LAKE	200	1	2	1	12	30	67	60	22	5	
GRAYS HARBOR	1,016	2	9	16	37	128	352	301	126	42	3
ABERDEEN	268		1	5	10	39	102	75	22	13	1
ISLAND	883	7	3	7	21	88	302	313	108	34	
OAK HARBOR	330		1	3	9	35	112	125	36	9	
JEFFERSON	204		3	2	4	18	72	74	25	6	
KING	18,627	84	77	205	646	2,473	6,437	6,118	2,081	489	17
AUBURN	553	2	2	2	20	86	181	179	71	10	
BELLEVUE	830	1	3	2	31	113	293	269	92	25	1
DES MOINES	68	7	1	3	5	7	16	27	8	1	
KENT	533										
KIRKLAND	350	1		3	12	76	187	171	59	17	1
MERCER ISLAND	157		1	3	6	29	113	138	41	14	
REDMOND	405			2	12	18	49	59	17	4	
RENTON	597	1	1	7	18	88	143	124	54	12	
SEATTLE	6,610	38	38	98	268	996	2,367	2,003	642	151	9
KITSAPE	2,903	17	13	37	97	333	956	1,014	333	99	4
BREMERTON	866	8	1	11	28	117	300	290	85	25	1
KITTITAS	334		3	3	7	38	104	132	37	10	
ELLENSBURG	144			1	4	19	42	56	16	6	
KLICKITAT	281	1	3		5	34	113	81	32	12	
LEWIS	910	5	8	14	41	132	315	276	93	24	2
CENTRALIA	236	2	1	4	13	30	82	72	25	7	
LINCOLN	134		1	1	3	13	48	44	21	3	
MASON	490	1	5	5	21	66	152	175	56	8	1
OKANOGAN	605	6	3	6	26	73	214	189	67	20	1
PACIFIC	240	2	2		9	31	85	80	24	7	
PEND OREILLE	120	1			4	18	36	48	11	1	1
PIERCE	9,218	44	42	109	325	1,266	3,326	2,924	949	228	5
FUYALLUP	309			3	9	32	98	102	54	11	
TACOMA	2,953	18	20	33	96	430	1,090	919	275	71	3
SAN JUAN	105	1		2	3	14	35	35	11	4	
SKAGIT	1,056	5	4	10	30	114	352	358	152	31	
MOUNT VERNON	265	3	1	2	8	38	81	97	29	6	
SKAMANIA	108		1	2	6	9	33	36	16	5	
SNOWHISH	6,100	15	15	58	191	690	2,016	2,127	770	214	4
EDMONDS	400	3	1	2	9	44	130	139	50	22	
EVENETT	1,299	2	8	13	45	143	443	442	158	44	1
LYNNWOOD	578		1	5	20	62	194	200	74	21	1
MOUNTLAKE TERRACE	269	1			10	26	88	106	29	9	
SPOKANE	5,547	23	27	56	186	689	2,034	1,789	610	128	5
SPOKANE (CITY)	3,006	16	16	31	111	397	1,117	924	314	78	2
STEVENS	499	1	5	3	19	63	191	168	38	10	1
THURSTON	2,165	6	12	9	58	262	751	744	255	65	3
LACEY	255	2		1	6	31	86	91	32	6	
OLYMPIA	628	1	2	1	14	65	222	240	65	17	1
WAHKIACUM	44		1		2	6	19	12	3	1	
WALLA WALLA	743	1	4	10	30	96	252	233	95	22	
WALLA WALLA (CITY)	428		4	8	19	60	134	133	55	15	
WHATCOM	1,658	7	2	9	38	169	568	598	219	47	1
BELLINGHAM	608	2	2	2	9	63	216	220	80	14	
WHITMAN	452	2	2	6	12	69	159	135	53	14	
PULLMAN	222		2	4	6	36	85	58	27	4	
YAKIMA	3,316	10	18	33	128	446	1,198	1,068	341	74	
YAKIMA (CITY)	927	6	5	8	41	111	331	323	78	24	

TABLE 9

BIRTH WEIGHT IN GRAMS	LIVE BIRTHS BY RACE BY BIRTH WEIGHT, WASHINGTON STATE 1983											OTHER UNKNOWN
	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN	
STATE TOTAL	68,705	58,254	3,039	2,193	1,613	387	319	691	1,991	20	198	
1,000 AND UNDER	285	218	37	9	7	2			7		5	
1,001 - 1,500	312	250	24	11	13	1		7	5	1		
1,501 - 2,000	700	553	69	19	20		3	11	20	1	4	
2,001 - 2,500	2,308	1,862	154	87	56	10	8	36	86	2	7	
2,501 - 3,000	8,683	6,881	615	324	208	65	66	126	376	2	20	
3,001 - 3,500	23,909	19,918	1,149	827	542	162	142	283	812	4	70	
3,501 - 4,000	22,680	19,749	764	664	532	120	80	172	535	7	57	
4,001 - 4,500	7,855	7,044	183	206	184	22	17	50	121	3	25	
4,501 AND OVER	1,911	1,740	35	43	50	5	2	6	28		2	
NOT STATED	62	39	9	3	1		1		1		8	

CORRECTED 7/86

TABLE 10. LIVE BIRTHS BY MOTHER'S AGE BY BIRTH WEIGHT, WASHINGTON STATE, 1983

	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	NOT STATED
STATE TOTAL	68705	99	7288	21699	22826	12743	3579	441	16	14
1000 AND UNDER	285	1	38	88	89	53	15	1	0	0
1001-1500	312	0	52	98	97	44	19	2	0	0
1501-2000	700	2	93	210	209	126	47	13	0	0
2001-2500	2308	8	329	756	713	365	118	19	0	0
2501-3000	8683	18	1184	2949	2633	1440	394	59	2	4
3001-3500	23909	35	2721	7914	7925	4108	1076	124	5	1
3501-4000	22680	26	2144	7047	7679	4417	1207	147	6	5
4001-4500	7855	9	618	2133	2807	1676	555	51	3	3
4501 AND OVER	1911	0	99	487	657	504	142	22	0	0
NOT STATED	62	0	10	17	17	10	6	1	0	1

TABLE 11

## RESIDENCE, MULTIPLE BIRTHS BY NUMBER BORN ALIVE EACH SET, WASHINGTON STATE 1983

COUNTY AND CITY	SETS OF TWINS			SETS OF TRIPLETS				SETS OF FOUR OR MORE TOTAL
	2 BORN ALIVE	1 BORN ALIVE	NONE ALIVE	3 BORN ALIVE	2 BORN ALIVE	1 BORN ALIVE	NONE ALIVE	
STATE TOTAL	791	36	16	8				
ADAMS	7							
ASOTIN	5							
BENTON	18	1	1					
KENNEWICK	9							
RICHLAND	2		1					
CHELAN	15	1						
WENATCHEE	7							
CLALLAM	4							
PORT ANGELES	2							
CLARK	38	2						
VANCOUVER	13	1						
COLUMBIA	1		1					
COWLITZ	12		1					
KELSO	4							
LONGVIEW	4							
DOUGLAS	6							
FERRY								
FRANKLIN	6			2				
PASCO	5			1				
GARFIELD	2							
GRANT	10	1		1				
MOSES LAKE	3							
GRAYS HARBOR	16							
ABERDEEN	3							
ISLAND	11							
OAK HARBOR	4							
JEFFERSON	3							
KING	198	11	5	1				
AUBURN	8							
BELLEVUE	14							
DES MOINES	2							
KENT	5	1						
KIRKLAND	1	1						
MERCER ISLAND	2							
REDMOND	3							
RENTON	6							
SEATTLE	74	4	3					
KITSAP	37	3		1				
BREMERTON	8							
KITTITAS	2		2					
ELLENSBURG	1		1					
KLICKITAT	2							
LEWIS	19	1						
CENTRALIA	5							
LINCOLN								
MASON	10							
OKANOGAN	5							
PACIFIC	5							
PEND OREILLE	2							
PIERCE	91	1	1	1				
TACOMA	24	1						
SAN JUAN	4							
SKAGIT	13	3						
MOUNT VERNON	2							
SKAMANIA	3	2						
SNOHOMISH	73	3	1					
EDMONDS	3	1						
EVERETT	13							
LYNWOOD	3	1						
SPOKANE	51	3	2	1				
SPOKANE (CITY)	27		2	1				
STEVENS	10	1						
THURSTON	23	1		1				
LACEY	4							
OLYMPIA	3							
WAKIAKUM								
WALLA WALLA	12							
WALLA WALLA (CITY)	9							
WHATCOM	19							
BELLINGHAM	3							
WHITMAN	11		1					
PULLMAN	7		1					
YAKIMA	47	2	1					
YAKIMA (CITY)	16							

# MORTALITY

TABLE 1

## DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1983

## A. RESIDENCE, RACE BY SEX

	TOTAL	MALE	FEMALE
Total	32,631	17,392	15,239
White	31,090	16,430	14,660
Black	656	398	258
Indian	322	195	127
Mexican/ Chicano	117	80	37
Japanese	117	61	56
Chinese	91	62	29
Filipino	95	78	17
Other Asian	110	68	42
Unknown	33	20	13

## B. RESIDENCE, MARITAL STATUS BY SEX

	TOTAL	MALE	FEMALE
Total	32,631	17,392	15,239
Single	3,389	2,239	1,150
Married	14,977	10,469	4,508
Divorced	3,011	1,797	1,214
Widowed	11,133	2,799	8,334
Unknown	121	88	33

## C. RESIDENCE, AGE GROUP BY SEX

	TOTAL	MALE	FEMALE
Total	32,631	17,392	15,239
Under 1	653	380	273
1 - 4	112	68	44
5 - 14	142	88	54
15 - 24	650	484	166
25 - 34	851	620	231
35 - 44	884	564	320
45 - 54	1,713	1,065	648
55 - 64	4,433	2,722	1,711
65 - 74	7,718	4,613	3,105
75 - 84	8,530	4,357	4,173
85 - 94	5,927	2,149	3,778
95 & Over	1,015	281	734
Unknown	3	1	2

## D. RESIDENCE, INFANT DEATHS BY RACE

Total	653
White	547
Black	56
Indian	25
Mexican/Chicano	6
Japanese	1
Filipino	4
Other Asian	9
Unknown	5

TABLE 1 (Continued)

## DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1983

## E. RESIDENCE, BY LEADING CAUSES

	Total	International List Number	Number of Deaths	Percent of Total Deaths
1	Diseases of the Heart	391-392.0,,393-398, 402,404,410-417, 420-429	32,631	100.0*
2	Malignant Neoplasms	140-208, 230-234	11,654	35.7
3	Cerebrovascular Disease	430-438	7,352	22.5
4	All Accidents	E800-E949	2,585	7.9
5	Influenza and Pneumonia	480-487	1,602	4.9
6	Suicide	E950-E959	1,003	3.1
7	Diabetes Mellitus	250	621	1.9
8	Arteriosclerosis	440	604	1.9
9	Bronchitis, Emphysema, Asthma	466, 490-493	506	1.6
10	Cirrhosis of Liver	571	462	1.4
	ALL OTHER CAUSES		445	1.4
			5,797	17.8

## F. RESIDENCE AND OCCURRENCE, BY MONTH

	Residence	Occurrence
Total	32,631	32,890
January	3,151	3,174
February	2,488	2,469
March	2,707	2,708
April	2,797	2,824
May	2,701	2,738
June	2,581	2,628
July	2,582	2,605
August	2,602	2,626
September	2,558	2,573
October	2,782	2,788
November	2,734	2,762
December	2,948	2,995

## G. TYPE OF PLACE BY OCCURRENCE

Total	
32,890	Total
16,165	General Hospital
7,623	Nursing Home
6,315	Home
1,139	Federal Facility
48	Psychiatric Hospital
2	State Facility
52	Dead on Arrival
1,546	Other and Unknown

\*Detail may not add to 100% due to rounding.

TABLE 2

COUNTY AND CITY	RESIDENCE		OCCURRENCE	
	TOTAL	RATE	TOTAL	RATE
STATE TOTAL	32,631	7.6	32,890	7.7
ADAMS	91	6.7	83	6.1
ASOTIN	171	10.2	136	8.1
BENTON	568	5.2	550	5.1
KENNEWICK	224	6.3	224	6.3
RICHLAND	188	5.9	256	8.0
CHELAN	502	10.8	599	12.9
WENATCHEE	258	15.0	447	26.1
CLALLAM	504	9.7	466	8.9
PORT ANGELES	181	10.6	310	18.1
CLARK	1,382	6.9	1,312	6.6
VANCOUVER	629	14.8	1,120	26.3
COLUMBIA	53	13.3	45	11.3
COWLITZ	678	8.5	701	8.8
KELSO	135	12.3	30	2.7
LONGVIEW	358	11.9	621	20.7
DOUGLAS	156	7.0	75	3.3
FERRY	49	8.0	31	5.1
FRANKLIN	226	6.3	182	5.1
PASCO	163	8.5	170	8.9
GARFIELD	27	11.3	28	11.7
GRANT	359	7.3	285	5.8
MOSES LAKE	92	8.9	137	13.3
GRAYS HARBOR	604	9.2	518	7.9
ABERDEEN	196	10.9	364	20.2
ISLAND	356	7.6	245	5.2
OAK HARBOR	65	5.3	64	5.3
JEFFERSON	169	10.1	125	7.4
KING	9,789	7.4	10,522	8.0
AUBURN	246	8.5	301	10.4
BELLEVUE	419	5.7	483	6.5
DES MOINES	77	7.5	128	12.5
KENT	136	5.3	86	3.4
KIRKLAND	151	8.0	390	20.7
MERCER ISLAND	113	5.3	60	2.8
REDMOND	104	4.0	240	9.1
RENTON	277	8.5	519	15.9
SEATTLE	5,279	10.8	7,726	15.8
KITSAP	1,138	7.0	1,079	6.7
BREHERTON	438	12.3	765	21.6
KITTITAS	199	8.0	188	7.6
ELLENBURG	94	8.1	139	12.0
Klickitat	139	8.5	104	6.4
LEWIS	519	8.3	446	8.0
CENTRALIA	166	14.2	229	19.6
LINCOLN	107	11.1	69	7.2
MASON	285	8.5	215	6.4
OKANOGAN	290	9.2	261	8.3
PACIFIC	217	12.3	161	9.1
PEND OREILLE	89	10.0	62	7.0
PIERCE	3,714	7.3	3,889	7.7
PUYALLUP	216	11.6	565	30.5
TACOMA	1,786	11.3	3,001	18.9
SAN JUAN	69	7.9	56	6.4
SKAGIT	642	9.7	672	10.2
MOUNT VERNON	118	8.7	277	20.4
SKAHANIA	36	4.6	23	2.9
SNOWHISH	2,301	6.4	2,057	5.7
EDMONDS	220	8.1	384	14.2
EVERETT	621	11.0	954	17.0
LYNNWOOD	150	6.5	81	3.5
MOUNTLAKE TERRACE	70	4.4	20	1.3
SPOKANE	2,940	8.4	3,433	9.9
SPOKANE (CITY)	1,964	11.5	3,244	19.1
STEVENS	239	8.0	184	6.2
THURSTON	977	7.3	980	7.3
LACEY	176	12.5	120	8.6
OLYMPIA	342	12.2	779	27.8
WASHTON	39	10.5	25	6.8
WALLA WALLA	489	10.1	644	13.4
WALLA WALLA (CITY)	337	13.2	567	22.1
WHATCOM	797	7.1	800	7.1
BELLEVUE	422	9.2	633	13.8
WHITMAN	245	6.1	184	4.6
PULLMAN	53	2.3	53	2.3
YAKIMA	1,476	8.3	1,455	8.2
YAKIMA (CITY)	579	11.9	1,002	20.7

\*RATES PER 1,000 POPULATION.



TABLE 3

DEATHS BY SEX AND RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1983														
COUNTY AND CITY	TOTAL	MALE	FEMALE	UNK	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNK
STATE TOTAL	32,631	17,392	15,239		31,090	656	117	322	117	91	95	110		33
ADAMS	91	59	32		89	1	1							
ASOTIN	171	90	81		171									
BENTON	568	323	245		557		9	1			1			
KENNEWICK	224	131	93		222		2							
RICHLAND	188	101	87		186		1	1						
CHELAN	502	255	247		493	1	3	3		1		1		
WENATCHEE	258	119	139		255			2		1				
CLALLAM	504	284	220		488	1	1	12		1	1			
PORT ANGELES	181	95	86		177			2		1	1			
CLARK	1,382	743	639		1,363	6		2		1	1	9		
VANCOUVER	629	322	307		621	4						4		
COLUMBIA	53	24	29		53									
COWLITZ	678	353	325		673	1		1		1	1	1		
KELSO	135	63	72		134									
LONGVIEW	358	184	174		354	1		1			1	1		
DOUGLAS	156	84	72		152		3	1						
FERRY	49	37	12		38			11						
FRANKLIN	226	129	97		211	10	3	1		1				
PASCO	163	94	69		148	10	3	1		1				
CARFIELD	27	11	16		27									
GRANT	359	215	144		346	5	5	1	1			1		
MOSES LAKE	92	51	41		86	2	4							
GRAYS HARBOR	604	339	265		586			12	2		3	1		
ABERDEEN	196	104	92		192			1			3			
ISLAND	356	198	158		351	2						1		1
OAK HARBOR	65	32	33		62	1			1			1		
JEFFERSON	169	94	75		165	1		2				1		
KING	9,789	4,976	4,813		9,050	383	12	67	85	79	60	42		11
AUBURN	246	124	122		240	1		2			3			
BELLEVUE	419	206	213		409	5		1			2			
DES MOINES	77	26	51		77				2					
KENT	136	77	59		132	1					1	1		
KIRKLAND	151	61	90		147	1	1		1		1			1
MERCER ISLAND	113	52	61		107	2				2		1		
REDMOND	104	52	52		100	1					1	1		
RENTON	277	140	137		270	3					2	1		
SEATTLE	5,279	2,690	2,589		4,653	351	10	46	68	69	44	30		8
KITSAP	1,138	595	543		1,097	18		8	2	2	3	4		3
BREMERTON	438	224	214		415	13	1	3	1		1	3		2
KITITAS	199	110	89		199									
ELLENSBURG	94	47	47		94									
KLICKITAT	139	81	58		135			4						
LEWIS	519	289	230		517	2								
CENTRALIA	166	82	84		166									
LINCOLN	107	55	52		107									
MASON	285	171	114		280			4						1
OKANOGAN	290	158	132		260	1	3	26						
PACIFIC	217	122	95		214	1		1	1					
PEND OREILLE	89	58	31		88			1						
PIERCE	3,714	2,038	1,676		3,487	149		21	9		14	30		4
PUYALLUP	216	106	110		214			1				1		
TACOMA	1,786	911	875		1,631	113		14	8		5	14		1
SAN JUAN	69	39	30		68			1						
SKAGIT	642	356	286		628	2	1	10						1
MOUNT VERNON	118	59	59		116	1	1							
SKAMANIA	36	19	17		36									
SNONMISH	2,301	1,258	1,043		2,253	15	2	13	3	2		8		5
EDMONDS	220	115	105		214		1		2			2		1
EVERETT	621	327	294		602	9		7				2		1
LYNWOOD	150	84	66		141	2	1		1	2		1		1
MOUNTLAKE TERRACE	70	38	32		69							1		2
SPOKANE	2,940	1,528	1,412		2,867	35	1	21	8	1	3	2		2
SPOKANE (CITY)	1,964	1,001	963		1,906	27		19	5	1	3	1		2
STEVENS	239	135	104		226			13						
THURSTON	977	529	448		965	3		3	1		1	3		
LACEY	176	87	89		174		1							
OLYMPIA	342	173	169		338	2	1		1					
WAKIACUM	39	17	22		38						1	1		
WALLA WALLA	489	258	231		477	2	4	5	1					
WALLA WALLA (CITY)	337	179	158		327	1	4	4	1					
WHATCOM	797	411	386		770		2	18	1			2		4
BELLINGHAM	422	205	217		415			4	1			1		1
WHITMAN	245	133	112		243							2		
PULLMAN	53	25	28		51							2		
YAKIMA	1,476	818	658		1,322	17	65	59	2	2	7	2		1
YAKIMA (CITY)	579	299	280		552	9	8	6	1	2	2	1		

TABLE 4

DEATHS BY AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1983													
COUNTY AND CITY	TOTAL	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	AGE UNKNOWN
STATE TOTAL	32,631	653	112	142	650	851	884	1,713	4,433	7,718	8,530	6,942	3
ADAMS	91	3		1	3	1	2	4	17	22	22	16	
ASOTIN	171	3	1	1	1	8	2	9	23	32	54	37	
BENTON	568	15	4	5	21	26	14	41	80	150	126	86	
KENNEWICK	224	7	2	1	6	12	6	20	30	62	47	31	
RICHLAND	188	4	1		7	6	5	11	30	50	46	28	
CHELAN	502	9		2	10	11	7	28	50	106	138	141	
WENATCHEE	258	3			4	3	3	14	21	55	75	80	
CLALLAM	504	9	1	3	7	10	6	22	76	127	135	108	
PORT ANGELES	181	3		1	1	3	4	8	23	39	50	49	
CLARK	1,382	24	2	4	27	57	41	85	207	328	323	284	
VANCOUVER	629	10		1	12	26	19	24	99	147	163	128	
COLUMBIA	53				1			6	11	14	10	11	
COWLITZ	678	16	4	3	5	13	14	34	84	174	186	145	
KELSO	135	2			2	2	3	4	16	43	35	30	
LONGVIEW	358	8	2	1	2	6	7	22	38	88	102	82	
DOUGLAS	156	1		2	4	1	6	9	24	41	42	26	
FERRY	49	3			4	2	5	4	11	8	8	4	
FRANKLIN	226	5	1	1	4	5	9	10	37	62	54	38	
PASCO	163	2	1	1	2	3	6	7	27	43	39	32	
GARFIELD	27							1	2	6	5	13	
GRANT	359	9	3	2	14	5	12	22	66	98	80	48	
MOSES LAKE	92	3	2		2	3	6	7	20	13	24	12	
GRAYS HARBOR	604	7	3	2	16	9	17	32	79	170	161	108	
ABERDEEN	196	1	1	2	2	2	3	9	19	51	56	50	
ISLAND	356	9		2	7	9	6	13	49	96	99	66	
OAK HARBOR	65	1			2	2	3	4	14	10	17	14	
JEFFERSON	169			2	3	1	3	4	28	58	45	25	
KING	9,789	155	22	34	195	237	265	519	1,352	2,266	2,537	2,207	
AUBURN	246	5	1		4	4	12	16	39	58	57	50	
BELLEVUE	419	4	2	3	11	11	7	38	77	71	99	96	
DES MOINES	77				5	2		2	6	18	42	27	
KENT	136	4	1	3	6	3	3	16	21	32	27	20	
KIRKLAND	151	4	1	1	6	3		8	18	26	48	36	
MERCER ISLAND	113				4	3	4	4	16	25	31	26	
REDMOND	104	1		1	4	2	3	5	13	19	25	31	
RENTON	277	2			8	5	8	15	40	69	67	63	
SEATTLE	5,279	70	7	15	60	109	122	218	656	1,234	1,503	1,285	
KITSAP	1,138	39	6	6	29	45	28	57	137	264	306	221	
BREHERTON	438	20	2	1	6	16	11	18	56	86	130	92	
KITTITAS	199	2		3	3	10	2	10	29	54	47	42	
ELLENSBURG	94			1	1	3		5	10	22	27	26	
KLICKITAT	139	3			3	4	3	5	21	44	36	20	
LEWIS	519	9	3		10	10	10	25	64	129	149	110	
CENTRALIA	166	2			2	1	3	7	14	43	50	44	
LINCOLN	107				2	2	4	9	9	19	30	32	
MASON	285	4	1	1	4	8	11	16	49	74	74	43	
OKANOGAN	290	7	2	2	8	9	7	16	44	66	82	47	
PACIFIC	217	4				5	1	11	42	61	53	40	
PEND OREILLE	89	1			3	4	1	5	11	21	24	19	
PIERCE	3,714	114	24	21	78	103	127	228	518	837	943	721	
PUYALLUP	216	3		2	3	4	4	14	20	52	59	55	
TACOMA	1,786	46	9	7	26	47	45	82	241	396	489	398	
SAN JUAN	69	1		1	1	1	3	1	10	19	18	14	
SKAGIT	642	12	2	1	16	24	17	28	83	162	166	131	
MOUNT VERNON	118	4			3	3	1	3	14	29	29	32	
SKAMANIA	36	1				1		2	6	11	12	3	
SNOHOMISH	2,301	41	13	9	33	78	85	134	333	552	595	426	2
EDMONDS	220	2		2	2	2	10	13	36	45	60	50	
EVERETT	621	13	3		9	9	24	29	89	141	167	127	
LYNNWOOD	150	3	1		5	5	6	9	17	45	34	25	
MOUNTLAKE TERRACE	70	1			1		4	3	18	19	12	11	
SPOKANE	2,940	68	9	14	54	63	74	127	364	692	791	684	
SPOKANE (CITY)	1,964	40	5	8	27	36	42	76	218	467	551	494	
STEVENS	239	4	1		8	8	8	7	23	56	72	52	
THURSTON	977	21	2	6	16	21	19	45	132	215	269	231	
LACEY	176	3		1	4	3	1	6	10	22	57	69	
OLYMPIA	342	3	2	2	3	4	4	14	50	90	86	84	
WAHKIACUM	39					1		1	5	10	14	8	
WALLA WALLA	489	7			5	9	11	26	51	99	146	135	
WALLA WALLA (CITY)	337	6			4	4	6	20	32	65	105	95	
WHATCOM	297	12	1	2	14	14	24	37	82	173	228	209	1
BELLEVUE	422	3			5	8	8	18	32	82	135	131	
WHITMAN	245	3	1	4	4	4	6	13	21	52	60	77	
PULLMAN	53	1	1	4	1	2	2	1	6	13	9	13	
YAKIMA	1,476	32	6	11	37	32	34	67	203	350	390	314	
YAKIMA (CITY)	579	15	1	4	9	5	12	21	78	125	142	167	

TABLE 5

## DEATHS WITH RATES\* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	DISEASES OF THE HEART		MALIGNANT NEOPLASMS		CEREBROVASCULAR DISEASE		GENERAL ARTERIOSCLEROSIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	11,654	272.0	7,352	171.6	2,585	60.3	506	11.8
ADAMS	35	257.4	14	102.9	7	51.5	3	22.1
ASOTIN	62	369.0	42	250.0	16	95.2	4	23.8
BENTON	200	184.0	122	112.2	39	35.9	6	5.5
KENNEWICK	81	226.9	46	128.9	16	44.8	2	5.6
RICHLAND	71	221.9	42	131.3	11	34.4	1	3.1
CHELAN	176	378.5	109	234.4	47	101.1	8	17.2
WENATCHEE	84	489.8	52	303.2	27	157.4	6	35.0
CLALLAM	180	344.8	115	220.3	41	78.5	7	13.4
PORT ANGELES	56	327.5	35	204.7	19	111.1	6	35.1
CLARK	501	250.5	317	158.5	106	53.0	21	10.5
VANCOUVER	224	525.8	140	328.6	53	124.4	10	23.5
COLUMBIA	21	525.0	8	200.0	4	100.0	3	75.0
COWLITZ	274	345.5	164	206.8	61	76.9	7	8.8
KELSO	55	500.0	31	281.8	14	127.3	2	18.2
LONGVIEW	141	470.0	88	293.3	35	116.7	4	13.3
DOUGLAS	57	254.5	37	165.2	10	44.6	5	22.3
FERRY	12	196.7	5	82.0	3	49.2		
FRANKLIN	81	225.0	51	141.7	19	52.8	1	2.8
PASCO	61	319.4	37	193.7	12	62.8	1	5.2
GARFIELD	10	416.7	9	375.0	3	125.0		
GRANT	126	256.6	83	169.0	29	59.1	1	2.0
MOSES LAKE	26	252.4	25	242.7	4	38.8	1	9.7
GRAYS HARBOR	249	378.4	138	209.7	32	48.6	5	7.6
ABERDEEN	84	465.4	47	260.4	9	49.9	3	16.6
ISLAND	128	272.3	99	210.6	27	57.4	4	8.5
OAK HARBOR	22	181.1	18	148.1	10	82.3		
JEFFERSON	55	327.4	48	285.7	11	65.5	3	17.9
KING	3,379	256.8	2,277	173.1	739	56.2	140	10.6
AUBURN	89	306.9	54	185.2	17	58.6	8	27.6
BELLEVUE	128	173.2	116	157.0	32	43.3	10	13.5
DES MOINES	25	243.9	19	185.4	6	58.5	2	19.5
KENT	48	188.2	27	105.9	10	39.2		
KIRKLAND	45	238.7	35	185.7	11	58.4	4	21.2
MERCER ISLAND	37	174.9	29	137.1	5	23.6		
REDMOND	42	159.7	27	102.7	4	15.2	2	7.6
RENTON	97	296.6	62	189.6	19	58.1	9	27.5
SEATTLE	1,882	384.3	1,155	235.9	425	86.8	64	13.1
KITSAP	403	249.4	255	157.8	64	39.6	9	5.6
BREHERTON	178	501.8	89	250.9	18	50.7	3	8.5
KITTITAS	80	321.3	40	160.6	15	60.2		
ELLENSBURG	39	337.7	21	181.8	8	69.3		
KLICKITAT	48	294.5	33	202.5	9	55.2	3	18.4
LEWIS	183	326.8	119	212.5	50	89.3	11	19.6
CENTRALIA	55	470.1	34	290.6	25	213.7	2	17.1
LINCOLN	40	416.7	23	239.6	5	52.1		
MASON	111	330.4	70	208.3	17	50.6	6	17.9
OKANOGAN	106	336.5	55	174.6	15	47.6	3	9.5
PACIFIC	61	346.6	51	289.8	9	51.1	14	79.5
PEND OREILLE	25	280.9	18	202.2	11	123.6	1	11.2
PIERCE	1,355	267.3	768	151.5	329	64.9	76	15.0
PUYALLUP	97	522.9	36	194.1	20	107.8	2	10.8
TACOMA	668	421.7	360	227.3	183	115.5	39	24.6
SAN JUAN	24	275.9	17	195.4	3	34.5	1	11.5
SKAGIT	231	349.5	153	231.5	68	102.9	5	7.6
MOUNT VERNON	52	382.4	21	154.4	15	110.3	1	7.4
SKAMANIA	17	217.9	12	153.8				
SNOHOMISH	770	213.4	567	157.1	160	44.3	44	12.2
EDMONDS	83	307.4	58	214.8	14	51.9	5	18.5
EVERETT	200	355.9	146	259.8	50	89.0	20	35.6
LYNNWOOD	45	195.7	35	152.2	9	39.1	4	17.4
HOUGHTLAKE TERRACE	25	156.3	16	100.0	8	50.0		
SPOKANE	1,054	302.9	608	174.7	255	73.3	51	14.7
SPOKANE (CITY)	724	425.4	394	231.5	173	101.6	36	21.2
STEVENS	86	289.6	50	168.4	25	84.2	2	6.7
THURSTON	382	286.1	229	171.5	78	58.4	9	6.7
LACEY	70	498.9	32	228.1	19	135.4	2	14.3
OLYMPIA	129	460.7	89	317.9	26	92.9	4	14.3
WANKIAKUH	20	540.5	8	216.2	3	81.1	1	27.0
WALLA WALLA	176	365.1	103	213.7	49	101.7	14	29.0
WALLA WALLA (CITY)	127	496.1	67	261.7	33	128.9	13	50.8
WHATCOM	300	267.6	172	153.4	66	58.9	18	16.1
BELLINGHAM	157	342.0	83	180.8	53	115.5	13	28.3
WHITMAN	85	213.0	55	137.8	32	80.2	2	5.0
PULLMAN	15	65.2	12	52.2	5	21.7		
YAKIMA	551	311.3	308	174.0	128	72.3	18	10.2
YAKIMA (CITY)	231	476.3	110	226.8	62	127.8	8	16.5

\*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 6

## DEATHS WITH RATES\* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	INFLUENZA AND PNEUMONIA		DIABETES MELLITUS		CONGENITAL MALFORMATIONS		CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,003	23.4	604	14.1	238	5.6	265	6.2
ADAMS	3	22.1	2	14.7	1	7.4	1	7.4
ASOTIN	2	11.9	2	11.9	2	11.9	3	17.9
BENTON	19	17.5	9	8.3	7	6.4	7	6.4
KENNEWICK	4	11.2	5	14.0	2	5.6	4	11.2
RICHLAND	8	25.0	2	6.3	2	6.3	2	6.3
CHELAN	22	47.3	11	23.7	5	10.8	3	6.5
WENATCHEE	17	99.1	5	29.2	3	17.5	2	11.7
CLALLAM	21	40.2	8	15.3	1	1.9	3	5.7
PORT ANGELES	12	70.2	6	35.1				
CLARK	45	22.5	23	11.5	5	2.5	11	5.5
VANCOUVER	24	56.3	7	16.4	3	7.0	4	9.4
COLUMBIA			3	75.0				
COWLITZ	13	16.4	10	12.6	4	5.0	8	10.1
KELSO	3	27.3			1	9.1	1	9.1
LONGVIEW	5	16.7	5	16.7	2	6.7	4	13.3
DOUGLAS	1	4.5	2	8.9			1	4.5
FERRY	1	16.4					1	16.4
FRANKLIN	4	11.1	5	13.9	2	5.6	2	5.6
PASCO	3	15.7	4	20.9			2	10.5
GARFIELD	2	83.3	1	41.7				
GRANT	12	24.4	4	8.1	4	8.1	4	8.1
NOSES LAKE	5	48.5			3	29.1	2	19.4
GRAYS HARBOR	13	19.8	19	28.9	2	3.0	3	4.6
ABERDEEN	5	27.7	4	22.2			1	5.5
ISLAND	9	19.1	6	12.8	3	6.4	6	12.8
OAK HARBOR	1	8.2			1	8.2		
JEFFERSON	6	35.7	4	23.8				
KING	367	27.9	160	12.2	68	5.2	64	4.9
AUBURN	11	37.9	2	6.9	1	3.4	3	10.3
BELLEVUE	9	12.2	8	10.8	1	1.4	2	2.7
DES MOINES	8	78.0	1	9.8				
KENT	5	19.6	3	11.8	2	7.8	3	11.8
KIRKLAND	7	37.1	6	31.8	3	15.9		
BERGER ISLAND	7	33.1	5	23.6				
REDMOND	3	11.4	2	7.6	1	3.8		
BENTON	15	45.9	4	12.2	2	6.1		
SEATTLE	212	43.3	88	18.0	29	5.9	28	5.7
KITSAP	36	22.3	18	11.1	12	7.4	21	13.0
BREMERTON	13	36.6	7	19.7	5	14.1	13	36.6
KITTITAS	6	24.1	3	12.0	3	12.0		
ELLENSBURG	3	26.0	1	8.7	1	8.7		
Klickitat	2	12.3	4	24.5	1	6.1	1	6.1
LEWIS	14	25.0	12	21.4	4	7.1	1	1.8
CENTRALIA	7	59.8	1	8.5	2	17.1		
LINCOLN	5	52.1	5	52.1				
MASON	3	8.9	6	17.9	1	3.0	1	3.0
OKANOGAN	11	34.9	6	19.0	2	6.3	3	9.5
PACIFIC	8	45.5	4	22.7			3	17.0
PEND OREILLE	3	33.7					1	11.2
PIERCE	77	15.2	70	13.8	40	7.9	48	9.5
PUYALLUP	6	32.3	3	16.2	2	10.8	20	12.6
IACOMA	42	26.5	34	21.5	17	10.7		
SAN JUAN	2	23.0	3	34.5			1	11.5
SKACIT	16	24.2	11	16.6	4	6.1	8	12.1
HUNT VERNON	3	22.1	1	7.4			4	29.4
SKAHANIA			1	12.8			1	12.8
SNOHOMISH	57	15.8	43	11.9	14	3.9	12	3.3
EDMONDS	2	7.4	3	11.1	2	7.4	1	3.7
EVSRETT	14	24.9	15	26.7	2	3.6	3	5.3
LYNNWOOD	2	8.7	4	17.4			1	4.3
MOUNTLAKE TERRACE	3	18.8	3	18.8			1	6.3
SPOKANE	94	27.0	66	19.0	29	8.3	20	5.7
SPOKANE (CITY)	70	41.1	45	26.4	19	11.2	12	7.1
STEVENS	3	10.1	7	23.6	1	3.4	2	6.7
THURSTON	25	18.7	15	11.2	5	3.7	8	6.0
LACEY	9	64.1	3	21.4	2	14.3	1	7.1
OLYMPIA	5	17.9	6	21.4			3	10.7
WAKIACUM	1	27.0	1	27.0				
HALLA WALLA	14	29.0	19	39.4	4	8.3	3	6.2
HALLA WALLA (CITY)	9	35.2	13	50.8	1	3.9	3	11.7
WHATCOM	23	20.5	12	10.7	6	5.4	4	3.6
BELLINGHAM	9	19.6	9	19.6	3	6.5	1	2.2
WILTAN	8	20.1	5	12.5	2	5.0		
PULLMAN	4	17.4			1	4.3		
YAKIMA	55	31.1	24	13.6	6	3.4	10	5.6
YAKIMA (CITY)	27	55.7	9	18.6	2	4.1	5	10.3

\*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 7

## DEATHS WITH RATES\* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	BRONCHITIS, EMPHYSEMA, AND ASTHMA		ALCOHOLISM		CIRRHOSIS OF THE LIVER			CHRONIC AND UNSPECIFIED NEBRITIS		
	NUMBER	RATE	NUMBER	RATE	WITH MENTION OF ALCOHOLISM NUMBER	WITHOUT MENTION OF ALCOHOLISM NUMBER	TOTAL NUMBER	RATE	NUMBER	RATE
STATE TOTAL	462	10.8	63	1.5	209	236	445	10.4	23	.5
ADAMS	2	14.7			1	2	3	22.1		
ASOTIN					2	3	5	29.8		
BENTON	5	4.6	2	1.8	6	5	11	10.1	1	.9
KENNEWICK	2	5.6	2	5.6	4	2	6	16.8		
RICHLAND	2	6.3			2	1	3	9.4	1	3.1
CHELAN	4	8.6				3	3	6.5	1	2.2
WENATCHEE	2	11.7				1	1	5.8	1	5.8
CLALLAN	13	24.9	1	1.9	2	4	6	11.5		
PORT ANGELES	3	17.5								
CLARK	24	12.0	6	3.0	8	11	19	9.5		
VANCOUVER	10	23.5	6	14.1	3	5	8	18.8		
COLUMBIA					1	1	2	30.0		
COWLITZ	11	13.9			1	3	4	5.0		
KELSO	3	27.3				3	3	10.0		
LONGVIEW	5	16.7				2	2	8.9	1	4.5
DOUGLAS	2	8.9								
FERRY										
FRANKLIN	5	13.9			1	2	3	8.3		
PASCO	5	26.2				2	2	10.5		
GARFIELD										
GRANT	5	10.2	2	4.1	2		2	4.1		
MOSES LAKE			2	19.4	2		2	19.4		
GRAYS HARBOR	8	12.2	1	1.5	7	4	11	16.7		
ABERDEEN	2	11.1	1	5.5	2	1	3	16.6		
ISLAND	3	6.4	1	2.1	2	1	3	6.4		
OAK HARBOR					1		1	8.2		
JEFFERSON	1	6.0			1	2	3	17.9		
KING	122	9.3	15	1.1	75	83	158	12.0	7	.5
AUBURN	4	13.8	1	3.4	1		1	3.4	1	3.4
BELLEVUE	8	10.8			4	4	8	10.8		
DES MOINES										
KENT						1	1	3.9		
KIRKLAND	2	10.6			1	1	2	10.6		
MERCER ISLAND	3	14.2								
REDMOND	2	7.6								
RENTON	3	9.2			4	2	6	18.3		
SEATTLE	72	14.7	9	1.8	45	47	92	18.8	4	.8
KITSAP	15	9.3	3	1.9	6	3	9	5.6	2	1.2
BREHERTON	7	19.7	3	8.5	1	2	3	8.5	1	2.8
KITTITAS	1	4.0	1	4.0	1		1	4.0		
ELLENSBURG	1	8.7								
KLICKITAT	3	18.4	1	6.1	2		2	12.3		
LEWIS	9	16.1	1	1.8	5	4	9	16.1		
CENTRALIA	1	8.5	1	8.5		1	1	8.5		
LINCOLN	1	10.4			2		2	20.8		
MASON	3	8.9	1	3.0	2	1	3	8.9		
OKANOGAN	7	22.2	1	3.2	4	5	9	28.6		
PACIFIC	1	5.7			4	3	7	39.8	1	5.7
PEND OREILLE	5	56.2			1		1	11.2		
PIERCE	45	8.9	5	1.0	18	30	48	9.5	1	.2
PUYALLUP	2	10.8				2	2	10.8		
TACOMA	16	10.1	3	1.9	9	12	21	13.3		
SAN JUAN	1	11.5				1	1	11.5		
SKAGIT	7	10.6			2	8	10	15.1		
MOUNT VERNON	1	7.4				1	1	7.4		
SKAMANIA										
SNOWBUSH	41	11.4	6	1.7	16	17	33	9.1		
EDMONDS	1	3.7				1	1	3.7		
EVERETT	5	8.9	3	5.3	3	5	8	14.2		
LYNNWOOD	5	21.7			1	2	3	13.0		
MOUNTLAKE TERRACE	3	18.8	1	6.3	2		2	12.5		
SPOKANE	48	13.8	9	2.6	16	21	37	10.6	5	1.4
SPOKANE (CITY)	32	18.8	9	5.3	13	14	27	15.9	3	1.8
STEVENS	7	23.6			1	1	2	6.7		
THURSTON	13	9.7	2	1.5	8	5	13	9.7		
LACEY	2	14.3	1	7.1						
OLYMPIA	7	25.0	1	3.6	6	2	8	28.6		
WANKIAKUM	1	27.0								
WALLA WALLA	8	16.6			5		5	10.4	1	2.1
WALLA WALLA (CITY)	6	23.4			4		4	15.6		
WHATCOM	9	8.0	1	.9	3	2	5	4.5	2	1.8
BELLINGHAM	6	13.1			1	2	3	6.5	2	4.4
WHITMAN	3	7.5								
PULLMAN										
YAKIMA	29	16.4	4	2.3	4	9	13	7.3	1	.6
YAKIMA (CITY)	15	30.9	1	2.1	1	2	3	6.2		

\*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 8

DEATHS WITH RATES BY SELECTED CAUSES BY PLACE OF RESIDENCE  
WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	TUBERCULOSIS ALL FORMS	SEPTICEMIA AND PYEMIA	ALL OTHER INFECTIOUS AND PARASITIC DISEASES
STATE TOTAL	236	27	123	86
ADAMS	1		1	
ASOTIN	1			1
BENTON KENNEWICK RICHLAND				
CHELAN WENATCHEE				
CLALLAM FORT ANGELES	3 2	1	1 1	1 1
CLARK VANCOUVER	8 5		7 4	1 1
COLUMBIA	2			2
COWLITZ KELSO LONGVIEW	9 2 3	1 1	6 1 2	2 1
DOUGLAS	1	1		
FERRY	1		1	
FRANKLIN PASCO	2 2		2 2	
GARFIELD				
GRANT MOSES LAKE	1 1			1 1
GRAYS HARBOR ABERDEEN	5 2		4 1	1 1
ISLAND OAK HARBOR	1			1
JEFFERSON	1			1
KING AUBURN BELLEVUE DES MOINES KENT KIRKLAND MERCER ISLAND REDMOND RENTON SEATTLE	78 4 1 1 1 1 1 1 1 1 50	11 1	40 2 1 1 1 1 23	27 1
KITSAP BREMERTON	15 4	1 1	10 2	4 1
KITTITAS ELLENSBURG	1 1		1 1	
KLICKITAT				
LEWIS CENTRALIA	1			1
LINCOLN				
MASON	1		1	
OKANOGAN	3		1	2
PACIFIC	3		2	1
PEND OREILLE				
PIERCE PUYALLUP TACOMA	27 1 17	3	14 1 10	10 5
SAN JUAN	2		2	
SKAGIT MOUNT VERNON	2			2
SKAHANIA				
SNOHOMISH EDMONDS EVERETT LYNNWOOD MOUNTLAKE TERRACE	15 1 3 1	3 1	6 1 1 1	6 1 1
SPOKANE SPOKANE (CITY)	24 19	4 4	10 6	10 9
STEVENS	1			1
THURSTON LACY OLYMPIA	5 1 2		4 1 1	1 1
WANKIAKUM				
WALLA WALLA WALLA WALLA (CITY)	3 3		2 2	1 1
WHATCOM BELLINGHAM	3 1		2 1	1
WHITMAN PULLMAN	3 1		1	2 1
YAKIMA YAKIMA (CITY)	13 4	2	5 2	6 2

TABLE 9

## DEATHS WITH RATES\* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	ALL ACCIDENTS		MOTOR VEHICLE		FALLS		DROWNINGS		FIRES		ALL OTHER ACCIDENTS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,602	37.4	793	18.5	219	5.1	168	3.9	55	1.3	367	8.6
ADAMS	7	51.5	5	36.8	1	7.4					1	7.4
ASOTIN	4	23.8	1	6.0	1	6.0	1	6.0			1	6.0
BENTON	36	33.1	21	19.3	3	2.8	1	.9			11	10.1
KENNEWICK	10	28.0	5	14.0	2	5.6					3	8.4
RICHLAND	11	34.4	8	25.0	1	3.1					2	6.3
CHELAN	27	58.1	16	34.4	5	10.8	2	4.3	1	2.2	3	6.5
WENATCHEE	6	35.0	2	11.7	2	11.7			1	5.8	1	5.8
CLALLAM	24	46.0	13	24.9	2	3.8	4	7.7			5	9.6
PORT ANGELES	6	35.1	3	17.5			1	5.8			2	11.7
CLARK	69	34.5	43	21.5	3	1.5	6	3.0	3	1.5	14	7.0
VANCOUVER	22	51.6	16	37.6	1	2.3	2	4.7	1	2.3	2	4.7
COLUMBIA	3	75.0	1	25.0							2	50.0
COWLITZ	31	39.1	12	15.1	4	5.0	3	3.8	4	5.0	8	10.1
KELSO	6	54.5	2	18.2	2	18.2					2	18.2
LONGVIEW	14	46.7	6	20.0	1	3.3	2	6.7	1	3.3	4	13.3
DOUGLAS	9	40.2	2	8.9			4	17.9			3	13.4
FERRY	10	163.9	5	82.0					2	32.8	3	49.2
FRANKLIN	12	33.3	6	16.7	2	5.6	1	2.8			3	8.3
PASCO	7	36.6	3	15.7	2	10.5	1	5.2			1	5.2
GARFIELD												
GRANT	20	40.7	13	26.5	1	2.0	1	2.0			5	10.2
MOSES LAKE	2	19.4					1	9.7			1	9.7
GRAYS HARBOR	28	42.6	12	18.2	3	4.6	6	9.1	1	1.5	6	9.1
ABERDEEN	9	49.9	4	22.2	2	11.1	2	11.1			1	5.5
ISLAND	14	29.8	9	19.1	3	6.4	1	2.1			1	2.1
OAK HARBOR	4	32.9	1	8.2	1	8.2	1	8.2			1	8.2
JEFFERSON	9	53.6	4	23.8			1	6.0			4	23.8
KING	455	34.6	207	15.7	85	6.5	40	3.0	12	.9	111	8.4
AUBURN	9	31.0	5	17.2	2	6.9	2	6.9				
BELLEVUE	22	29.8	8	10.8	2	2.7			1	1.4	11	14.9
DES MOINES	5	48.8	2	19.5	1	9.8	1	9.8			1	9.8
KENT	8	31.4	3	11.8			3	11.8			2	7.8
KIRKLAND	5	26.5	5	26.5								
MERCER ISLAND	6	28.4	3	14.2	2	9.5					1	4.7
REDMOND	6	22.8	5	19.0	1	3.8						
RENTON	14	42.8	7	21.4	1	3.1	1	3.1			5	15.3
SEATTLE	203	41.5	75	15.3	55	11.2	19	3.9	8	1.6	46	9.4
KITSAP	78	48.3	41	25.4	9	5.6	8	5.0	1	.6	19	11.8
BREHERTON	23	64.8	11	31.0	3	8.5	1	2.8	1	2.8	7	19.7
KITTITAS	10	40.2	6	24.1	1	4.0	1	4.0			2	8.0
ELLENSBURG	3	26.0	1	8.7			1	8.7			1	8.7
KLICKITAT	10	61.3	5	30.7							5	30.7
LEWIS	28	50.0	14	25.0	3	5.4	1	1.8	5	8.9	5	8.9
CENTRALIA	7	59.8	4	34.2	1	8.5	1	8.5	1	8.5		
LINCOLN	6	62.5	4	41.7							2	20.8
HASON	16	47.6	11	32.7	2	6.0			2	6.0	1	3.0
OKANOGAN	23	73.0	12	38.1			3	9.5			8	25.4
PACIFIC	6	34.1	2	11.4			3	17.0			1	5.7
PEND OREILLE	5	56.2	3	33.7			2	22.5				
PIERCE	183	36.1	91	17.9	21	4.1	18	3.6	6	1.2	47	9.3
FUYALLUP	6	32.3	3	16.2	2	10.8					1	5.4
TACOMA	62	39.1	32	20.2	9	5.7	2	1.3	2	1.3	17	10.7
SAN JUAN	4	46.0	1	11.5					1	11.5	2	23.0
SKAGIT	43	65.1	13	19.7	1	1.5	18	27.2	5	7.6	6	9.1
MOUNT VERNON	5	36.8	3	22.1							2	14.7
SKAMANIA												
SNOHOMISH	124	34.4	60	16.6	18	5.0	15	4.2	4	1.1	27	7.5
EDMONDS	10	37.0	6	22.2	1	3.7	1	3.7			2	7.4
EVERETT	26	46.3	11	19.6	2	3.6	7	12.5	3	5.3	3	5.3
LYNNWOOD	6	26.1	4	17.4			1	4.3			1	4.3
MOUNTLAKE TERRACE	1	6.3									1	6.3
SPOKANE	117	33.6	49	14.1	25	7.2	13	3.7	4	1.1	26	7.5
SPOKANE (CITY)	67	39.4	25	14.7	19	11.2	6	3.5	3	1.8	14	8.2
STEVENS	10	33.7	6	20.2	2	6.7			2	6.7		
THURSTON	40	30.0	18	13.5	5	3.7	5	3.7	1	.7	11	8.2
LACEY	8	57.0	4	28.5	2	14.3	1	7.1			1	7.1
OLYMPIA	16	57.1	6	21.4	2	7.1	3	10.7	1	3.6	4	14.3
WAKIACUM												
WALLA WALLA	18	37.3	9	18.7	5	10.4	1	2.1			3	6.2
WALLA WALLA (CITY)	11	43.0	7	27.3	1	3.9	1	3.9			2	7.8
WHATCOM	39	34.8	25	22.3	5	4.5	3	2.7			6	5.4
BELLINGHAM	16	34.9	8	17.4	3	6.5	3	6.5			2	4.4
WHITMAN	12	30.1	8	20.1	2	5.0					2	5.0
PULLMAN	4	17.4	2	8.7	1	4.3					1	4.3
YAKIMA	72	40.7	45	25.4	7	4.0	6	3.4	1	.6	13	7.3
YAKIMA (CITY)	14	28.9	9	18.6	2	4.1					3	6.2

\*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 10

## DEATHS WITH RATES\* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

COUNTY AND CITY	ALL ACCIDENTS		MOTOR VEHICLE		FALLS		DROWNINGS		FIRES		ALL OTHER ACCIDENTS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,578	36.8	779	18.2	230	5.4	132	3.1	56	1.3	381	8.9
ADAMS	10	73.5	9	66.2							1	7.4
ASOTIN	3	17.9	1	6.0	1	6.0	1	6.0				
BENTON	38	35.0	21	19.3	4	3.7	3	2.8			10	9.2
KENNEWICK	9	25.2	5	14.0	2	5.6					2	5.6
RICHLAND	20	62.5	10	31.3	2	6.3	3	9.4			5	15.6
CHELAN	40	86.0	19	40.9	8	17.2	5	10.8	1	2.2	7	15.1
WENATCHEE	20	116.6	12	70.0	4	23.3			1	5.8	3	17.5
CLALLAM	25	47.9	12	23.0	1	1.9	5	9.6			7	13.4
PORT ANGELES	11	64.3	6	35.1	1	5.8					4	23.4
CLARK	51	25.5	33	16.5	4	2.0	4	2.0	3	1.5	7	3.5
VANCOUVER	39	91.5	26	61.0	4	9.4	3	7.0	1	2.3	5	11.7
COLUMBIA	3	75.0	2	50.0							1	25.0
COWLITZ	40	50.4	18	22.7	2	2.5	3	3.8	4	5.0	13	16.4
KELSO	2	18.2	1	9.1							1	9.1
LONGVIEW	20	66.7	10	33.3	2	6.7	2	6.7	2	6.7	4	13.3
DOUGLAS	7	31.3	4	17.9							1	4.5
FERRY	9	147.5	6	98.4							3	49.2
FRANKLIN	9	25.0	6	16.7	1	2.8					2	5.6
PASCO	8	41.9	6	31.4	1	5.2					1	5.2
CARFIELD	3	125.0	1	41.7					2	83.3		
GRANT	28	57.0	19	38.7	1	2.0	2	4.1			6	12.2
MOSES LAKE	8	77.7	6	58.3	1	9.7	1	9.7				
GRAYS HARBOR	17	25.8	6	9.1	1	1.5	7	10.6			3	4.6
ABERDEEN	7	38.8	2	11.1	1	5.5	3	16.6			1	5.5
ISLAND	14	29.8	7	14.9	2	4.3	2	4.3			3	6.4
DAK HARBOR	2	16.5			1	8.2					1	8.2
JEFFERSON	9	53.6	1	6.0			3	17.9			5	29.8
KING	402	30.6	177	13.5	66	6.5	28	2.1	17	1.3	94	7.1
AUBURN	5	17.2	4	13.8	1	3.4					1	9.8
BELLEVUE	22	29.8	8	10.8	7	9.5			1	1.4	6	8.1
DES MOINES	4	39.0	1	9.8	2	19.5					1	9.8
KENT	11	43.1	7	27.5	1	3.9					3	11.8
KIRKLAND	18	95.5	12	63.7	5	26.5					1	5.3
HEROES ISLAND												
REDMOND	4	15.2	1	3.8	1	3.8					2	7.6
RENTON	18	55.0	7	21.4	2	6.1	1	3.1	1	3.1	7	21.4
SEATTLE	284	58.0	118	24.1	66	13.5	19	3.9	15	3.1	66	13.5
KITSAP	61	37.7	32	19.8	7	4.3	4	2.5	2	1.2	16	9.9
BREMERTON	33	93.0	15	42.3	6	16.9	2	5.6	1	2.8	9	25.4
KITTITAS	17	68.3	15	60.2							2	8.0
ELLENSBURG	6	51.9	5	43.3							1	8.7
Klickitat	12	73.6	6	36.8	1	6.1	2	12.3			3	18.4
LEWIS	30	53.6	10	17.9	4	7.1	2	3.6	4	7.1	10	17.9
CENTRALIA	8	68.4	3	25.6	2	17.1			2	17.1	1	8.5
LINCOLN	3	31.3	2	20.8							1	10.4
MASON	16	47.6	9	26.8	1	3.0	1	3.0	2	6.0	3	8.9
OKANOGAN	28	88.9	16	50.8	1	3.2	6	19.0			5	15.9
PACIFIC	3	17.0			1	5.7	2	11.4				
PEND OREILLE	4	44.9	1	11.2			2	22.5			1	11.2
PIERCE	179	35.3	91	17.9	25	4.9	11	2.2	4	.8	48	9.5
PUYALLUP	22	118.6	13	70.1	4	21.6					5	27.0
TACOMA	112	70.7	56	35.4	17	10.7	6	3.8	3	1.9	30	18.9
SAN JUAN	9	103.4	1	11.5			3	34.5	1	11.5	4	46.0
SKAGIT	32	48.4	15	22.7	1	1.5	4	6.1	5	7.6	7	10.6
MOUNT VERNON	14	102.9	9	66.2	1	7.4			1	7.4	3	22.1
SKAMANIA	12	153.8	3	38.5			2	25.6			7	89.7
SNOHOMISH	121	33.5	56	15.5	18	5.0	5	1.4	4	1.1	38	10.5
EDMONDS	17	63.0	8	29.6	5	18.5					4	14.8
EVERETT	37	65.8	18	32.0	7	12.5	4	7.1	2	3.6	6	10.7
LYNWOOD	3	13.0	1	4.3	1	4.3					1	4.3
MOUNT LAKE TERRACE	1	6.3	1	6.3								
SPOKANE	131	37.6	57	16.4	29	8.3	8	2.3	4	1.1	33	9.5
SPOKANE (CITY)	117	68.7	50	29.4	27	15.9	7	4.1	3	1.8	30	17.6
STEVENS	8	26.9	4	13.5	2	6.7			2	6.7		
THURSTON	53	39.7	34	25.5	5	3.7	3	2.2	1	.7	10	7.5
LACEY	2	14.3	2	14.3								
OLYMPIA	39	139.3	25	89.3	5	17.9	2	7.1	1	3.6	6	21.4
WARMIKUM	2	54.1	1	27.0			1	27.0				
WALLA WALLA	30	62.2	15	31.1	7	14.5	1	2.1			7	14.5
WALLA WALLA (CITY)	25	97.7	11	43.0	7	27.3	1	3.9			6	23.4
WHATCOM	39	34.8	25	22.3	7	6.2	1	.9			6	5.4
BELLINGHAM	16	34.9	10	21.8	3	6.5					3	6.5
WHITMAN	8	20.1	5	12.5	2	5.0					1	2.5
PULLMAN	2	8.7	1	4.3							1	4.3
YAKIMA	72	40.7	39	22.0	8	4.5	7	4.0	2	1.1	16	9.0
YAKIMA (CITY)	39	80.4	17	35.1	7	14.4	4	8.2	1	2.1	10	20.6

\*RATES PER 100,000 ESTIMATED POPULATION.



TABLE 11

## DEATHS WITH RATES\* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	SUICIDE		HOMICIDE		UNDETERMINED EXTERNAL INJURIES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	621	14.5	213	5.0	55	1.3
ADAMS	2	14.7				
ASOTIN	5	29.8	1	6.0	1	6.0
BENTON	23	21.2	3	2.8	2	1.8
KENNEWICK	11	30.8	1	2.8	1	2.8
RICHLAND	4	12.5	1	3.1	1	3.1
CHELAN	7	15.1	2	4.3		
WENATCHEE	6	34.9	1	5.8		
CLALLAM	10	19.2	2	3.8	2	3.8
PORT ANGELES	4	23.3				
CLARK	33	16.5	10	5.0	7	3.5
VANCOUVER	14	32.8	5	11.7	2	4.6
COLUMBIA					1	25.0
COWLITZ	7	8.8				
KELSO	1	9.0			1	1.3
LONGVIEW	4	13.3			1	3.3
DOUGLAS	1	4.5				
FERRY	2	32.8	1	16.4	1	16.4
FRANKLIN	8	22.2	2	5.6		
PASCO	4	20.9	2	10.4		
GARFIELD						
GRANT	4	8.1			1	2.0
HOSES LAKE	3	29.1				
GRAYS HARBOR	9	13.7	4	6.1	1	1.5
ABERDEEN	2	11.0			1	5.5
ISLAND	5	10.6	2	4.3		
OAK HARBOR	1	8.2				
JEFFERSON	3	17.9				
KING	172	13.1	91	6.9	15	1.1
AUBURN	5	17.2	2	6.8		
BELLEVUE	8	10.8	2	2.7		
DES MOINES	1	9.7				
KENT	6	23.5	1	3.9		
KIRKLAND	3	15.9	1	5.3		
MERCER ISLAND	2	9.4				
REDMOND	1	3.8				
RENTON	4	12.2	1	3.0		
SEATTLE	75	15.3	58	11.8	10	2.0
KITSAP	27	16.7	6	3.7	4	2.5
BREMERTON	12	33.8	1	2.8	2	5.6
KITTITAS	5	20.1				
ELLENSBURG	1	8.6				
KLICKITAT	4	24.5				
LEWIS	9	16.1	1	1.8		
CENTRALIA	4	34.1				
LINCOLN	3	31.3				
MASON	6	17.9				
OKANOGAN	5	15.9	2	6.3		
PACIFIC	3	17.0			1	5.7
PEND OREILLE	2	22.5	1	11.2		
PIERCE	73	14.4	23	4.5	5	1.0
PUYALLUP	4	21.5				
TACOMA	27	17.0	16	10.1	2	1.2
SAN JUAN	1	11.5				
SKAGIT	10	15.1	3	4.5	3	4.5
MOUNT VERNON						
SKAMANIA					1	12.8
SNOHOMISH	52	14.4	14	3.9	3	.8
EDMONDS	3	11.1	1	3.7		
EVERETT	13	23.1	5	8.8	1	1.7
LYNNWOOD	6	26.0	2	8.6		
MOUNTLAKE TERRACE	2	12.5				
SPOKANE	53	15.2	20	5.7	2	.6
SPOKANE (CITY)	33	19.3	17	9.9		
STEVENS	4	13.5	2	6.7	1	3.4
THURSTON	12	9.0	2	1.5	1	.7
LACEY					1	7.1
OLYMPIA	1	3.5				
WASHTON	1	27.0				
WALLA WALLA	5	10.4	5	10.4		
WALLA WALLA (CITY)	2	7.8	3	11.7		
WHATCOM	14	12.5	1	.9	2	1.8
BELLINGHAM	8	17.4				
WHITMAN	7	17.5	2	5.0		
FULLMAN	3	13.0	1	4.3		
YAKIMA	34	19.2	13	7.3		
YAKIMA (CITY)	12	24.7	1	2.0		

\*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 12

## DEATHS WITH RATES\* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

COUNTY AND CITY	SUICIDE		HOMICIDE		UNDETERMINED EXTERNAL INJURIES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	614	14.3	220	5.1	55	1.3
ADAMS	3	22.1	1	7.4		
ASOTIN	3	17.9				
BENTON	18	16.6	3	2.8	2	1.8
KENNEWICK	14	39.2	1	2.8	1	2.8
RICHLAND	2	6.3			1	3.1
CHELAN	8	17.2	3	6.5	1	2.2
WENATCHEE	7	40.8	1	5.8	1	5.8
CLALLAM	10	19.2	2	3.8	2	3.8
PORT ANGELES	5	29.2	2	11.7	2	11.7
CLARK	29	14.5	7	3.5	7	3.5
VANCOUVER	20	46.9	5	11.7	6	14.1
COLUMBIA					1	25.0
COWLITZ	8	10.1	1	1.3	1	1.3
KELSO	1	9.1				
LONGVIEW	4	13.3			1	3.3
DOUGLAS						
FERRY	3	49.2	1	16.4	1	16.4
FRANKLIN	6	16.7	3	8.3		
PASCO	3	15.7	3	15.7		
GARFIELD						
GRANT	3	6.1				
MOSES LAKE	2	19.4				
GRAYS HARBOR	8	12.2	4	6.1	1	1.5
ABERDEEN	3	16.6			1	5.5
ISLAND	5	10.6	3	6.4		
OAK HARBOR	2	16.5				
JEFFERSON	2	11.9				
KING	167	12.7	95	7.2	15	1.1
AUBURN	5	17.2				
BELLEVUE	7	9.5	2	2.7		
DES MOINES						
KENT	10	39.2	1	3.9		
KIRKLAND	5	26.5	3	15.9		
MERCER ISLAND	2	9.5				
REDMOND						
RENTON	3	9.2	3	9.2		
SEATTLE	106	21.6	71	14.5	14	2.9
KITSAP	26	16.1	4	2.5	3	1.9
BREMERTON	14	39.5	3	8.5	2	5.6
KITTITAS	4	16.1			1	4.0
ELLENSBURG	2	17.3				
Klickitat	4	24.5	1	6.1		
LEWIS	9	16.1	1	1.8		
CENTRALIA	4	34.2	1	8.5		
LINCOLN	3	31.3				
MASON	6	17.9			1	3.0
OKANOGAN	7	22.2	3	9.5		
PACIFIC	3	17.0				
PEND OREILLE	2	22.5				
PIERCE	77	15.2	28	5.5	6	1.2
PUYALLUP	8	43.1			1	5.4
TACOMA	46	27.8	17	10.7	4	2.5
SAN JUAN	1	11.5				
SKAGIT	8	12.1	2	3.0	2	3.0
MOUNT VERNON	1	7.4	1	7.4	1	7.4
SKAMANIA	1	12.8				
SNHOMISH	50	13.9	9	2.5	4	1.1
EDMONDS	5	18.5			1	3.7
EVERETT	19	33.8	4	7.1	2	3.6
LYNNWOOD	2	8.7	1	4.3		
MOUNTLAKE TERRACE	1	6.3			1	6.3
SPOKANE	58	16.7	27	7.8	2	.6
SPOKANE (CITY)	53	31.1	26	15.3	2	1.2
STEVENS	2	6.7	1	3.4	1	3.4
THURSTON	13	9.7	2	1.5	1	.7
LACEY	1	7.1			1	7.1
OLYMPIA	10	35.7	2	7.1		
WARMIKUH	1	27.0				
WALLA WALLA	5	10.4	6	12.4	1	2.1
WALLA WALLA (CITY)	5	19.5	6	23.4	1	3.9
WHATCOM	17	15.2	1	.9	2	1.8
BELLINGHAM	10	21.8	1	2.2	1	2.2
WRITMAN	10	25.1	2	5.0		
PULLMAN	3	13.0	1	4.3		
YAKIMA	34	19.2	10	5.6		
YAKIMA (CITY)	14	28.9	2	4.1		

\*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 13

## RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
Total All Causes	32,631	761.5	17,392	816.9	15,239	706.8
<b>INFECTIOUS AND PARASITIC DISEASES</b>						
Tuberculosis (010-018,137)	27	.6	16	.8	11	.5
Septicemia (038)	123	2.9	54	2.5	69	3.2
Other (000-139)	86	2.0	38	1.8	48	2.2
<b>NEOPLASMS</b>						
Malignant neoplasms of lip, oral cavity, and pharynx (140-149)	140	3.3	89	4.2	51	2.4
Malignant neoplasms of digestive organs and peritoneum (150-159)	1,869	43.6	999	46.9	870	40.4
Malignant neoplasms of respiratory and intrathoracic organs (160-165)	2,091	48.8	1,404	65.9	687	31.9
Malignant neoplasms of breast (174,175)	636	14.8	1	.0	635	29.5
Malignant neoplasms of genitourinary organs (179-189)	1,148	26.8	610	28.7	538	25.0
Malignant neoplasms of other and unspecified sites (170-173,190-195,199)	761	17.8	399	18.7	362	16.8
Leukemia (204-208)	274	6.4	158	7.4	116	5.4
Other neoplasms of lymphatic and hematopoietic tissues (200-203)	433	10.1	230	10.8	203	9.4
Benign and unspecified neoplasms (210-239)	57	1.3	29	1.4	28	1.3
<b>ENDOCRINE, NUTRITIONAL, METABOLIC DISEASES, AND IMMUNITY DISORDERS</b>						
Diabetes Mellitus (250)	604	14.1	260	12.2	344	16.0
Nutritional Deficiencies (260-269)	55	1.3	15	.7	40	1.9
Other (240-279)	168	3.9	74	3.5	94	4.4

(1) Rates per 100,000 estimated population.

TABLE 13 (cont.)

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
<b>DISEASES OF BLOOD AND BLOOD-FORMING ORGANS</b>						
Anemia (280-285)	55	1.3	22	1.0	33	1.5
Other (286-289)	45	1.1	30	3.5	15	.7
<b>MENTAL DISORDERS</b>						
Alcohol-Related (291,303,305)	78	1.8	65	3.1	13	.6
Other (290-319)	269	6.3	93	4.7	176	8.2
<b>DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS</b>						
Parkinson's Disease (332)	121	2.8	72	3.4	49	2.3
Amyotrophic Lateral Sclerosis (335.2)	71	1.7	43	2.0	28	1.3
Other Hereditary and Degenerative Diseases of the Central Nervous System (330-337)	168	3.9	84	3.9	84	3.9
Multiple Sclerosis (340)	28	.7	7	.3	21	1.0
Other (320-326,340-389)	164	3.8	96	4.5	68	3.2
<b>DISEASES OF THE CIRCULATORY SYSTEM</b>						
Diseases of the Heart (393-398,402,404,410-417,420-429)	141	3.3	46	2.2	95	4.4
Chronic Rheumatic Heart Disease (391-392.0,393-398)	233	5.4	86	4.0	147	6.8
Hypertensive Heart Disease (402)	27	.6	12	.6	15	.7
Hypertensive Heart and Renal Disease (404)	4,110	96.9	2,488	116.9	1,622	75.2
Acute Ischemic Heart Disease (410,411)	4,003	93.4	2,097	98.5	1,906	88.4
Chronic Ischemic Heart Disease (412-414)	3,140	73.3	1,520	71.4	1,620	75.1
Other Heart Disease (415-429)	123	2.9	50	2.3	73	3.4
Hypertensive Disease (401,403)	2,585	60.3	1,101	51.7	1,484	68.8
Cerebrovascular Disease (430-438)	506	11.8	207	9.7	299	13.9
Arteriosclerosis (440)	507	11.8	295	13.9	212	9.8
Other (441-459)						

(1) Rates per 100,000 estimated population.

TABLE 13 (cont.)

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
<b>DISEASES OF THE RESPIRATORY SYSTEM</b>						
Chronic and Unqualified Bronchitis (490-491)	79	1.8	43	2.0	36	1.7
Emphysema (492)	301	7.0	197	9.3	104	4.8
Asthma (493)	75	1.8	36	1.7	39	1.8
Other Chronic Obstructive Pulmonary Disease (494-496)	1,020	23.8	646	30.3	374	17.3
Pneumonia (480-486)	927	21.6	407	19.1	520	24.1
Influenza (487)	76	1.8	26	1.2	50	2.3
Other (460-478, 500-519)	342	8.0	194	9.1	148	6.9
<b>DISEASES OF THE DIGESTIVE SYSTEM</b>						
Ulcer of Stomach and Duodenum (531-533)	126	2.9	59	2.8	67	3.1
Hernia and Intestinal Obstruction (550-553, 560)	86	2.0	35	1.6	51	2.4
Cirrhosis of the Liver (571)	445	10.4	261	12.3	184	8.5
Cholelithiasis, Cholecystitis, and Cholangitis (574-576)	44	1.0	23	1.1	21	1.0
Other (520-579)	519	12.1	222	10.4	297	13.8
<b>DISEASES OF THE GENITOURINARY SYSTEM</b>						
Nephritis, Nephrotic Syndrome, and Nephrosis (580-589)	220	5.1	114	5.4	106	4.9
Other (590-629)	124	2.9	53	2.5	71	3.3
<b>COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-676)</b>						
	6	.1			6	.3
<b>DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (680-709)</b>						
	26	.6	8	.4	18	.8
<b>DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (710-739)</b>						
	103	2.4	38	1.8	65	3.0

(1) Rates per 100,000 estimated population.

TABLE 13 (cont.)

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
CONGENITAL ANOMALIES (740-759)	238	5.6	136	6.4	102	4.7
BIRTH INJURIES, DIFFICULT LABOR, AND OTHER ANOXIC AND HYPOXIC CONDITIONS (763,767-769)	89	2.1	50	2.3	39	1.8
OTHER CAUSES OF MORTALITY IN EARLY INFANCY (760-762,764-766,770-779)	176	4.1	101	4.7	75	3.5
SYMPTOMS, SIGNS, AND OTHER ILL-DEFINED CONDITIONS						
Sudden Infant Death Syndrome (798.0-798.1)	168	3.9	103	4.8	65	3.0
Other (780-799)	99	2.3	44	2.1	55	2.6
ACCIDENTS						
Motor Vehicle (E810-825,E9290)	793	18.5	567	26.6	226	10.5
Water Transport (E830-838)	77	1.8	73	3.4	4	.2
Air and Space Transport (E840-845)	56	1.3	46	2.2	10	.5
Accidental Poisoning (E850-869,E9292)	89	2.1	58	2.7	31	1.4
Falls (E880-888, E9293)	219	5.1	120	5.6	99	4.6
Fire and Flames (E890-899,E9294)	55	1.3	38	1.8	17	.8
Accidental Drowning (E910)	94	2.2	66	3.1	28	1.3
Other (E800-949)	219	5.1	167	7.8	52	2.4
SUICIDE						
Firearms and Explosives (E955)	361	8.4	302	14.2	59	2.7
Other (E950-954,E956-959)	260	6.1	175	8.2	85	3.9

(1) Rates per 100,000 estimated population.

TABLE 13 (cont.)

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1983

Cause With International List Number	Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
HOMICIDE						
Firearms and Explosives (E965)	126	2.9	92	4.3	34	1.6
Other (E960-964,E966-969)	87	2.0	51	2.4	36	1.7
LEGAL INTERVENTION (E970-978)	5	.1	5	.2		
UNDETERMINED EXTERNAL INJURIES (E980-989)	55	1.3	46	2.2	9	.4

(1) Rates per 100,000 estimated population.

TABLE 14

RESIDENCE DEATHS WITH RATES(1) AND PERCENT(2) BY AGE GROUP AND SEX BY LEADING CAUSES, WASHINGTON STATE 1983

	INTERNATIONAL LIST NUMBER	TOTAL			MALE			FEMALE		
		NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)
ALL AGES										
ALL CAUSES		32,631	761.5	100.0	17,392	816.9	100.0	15,239	706.8	100.0
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	11,654	272.0	35.7	6,249	293.5	35.9	5,405	250.7	35.5
MALIGNANT NEOPLASMS	140-208,230-234	7,352	171.6	22.5	3,890	182.7	22.4	3,462	160.6	22.7
CEREBROVASCULAR DISEASE	430-438	2,585	60.3	7.9	1,101	51.7	6.3	1,484	68.8	9.7
ALL ACCIDENTS	E800-949	1,602	37.4	4.9	1,135	53.3	6.5	467	21.7	3.1
INFLUENZA AND PNEUMONIA	480-487	1,003	23.4	3.1	433	20.3	2.5	570	26.4	3.7
SUICIDE	E950-959	621	14.5	1.9	477	22.4	2.7	144	6.7	.9
DIABETES MELLITUS	250	604	14.1	1.9	260	12.2	1.5	344	16.0	2.3
ARTERIOSCLEROSIS	440	506	11.8	1.6	207	9.7	1.2	299	13.9	2.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	466,490-493	462	10.8	1.4	278	13.1	1.6	184	8.5	1.2
CIRRHOSIS OF LIVER	571	445	10.4	1.4	261	12.3	1.5	184	8.5	1.2
ALL OTHER CAUSES		5,797	135.3	17.8	3,101	145.7	17.8	2,696	125.0	17.7
UNDER 1										
ALL CAUSES		653	939.2	100.0	380	1068.3	100.0	273	803.9	100.0
CERTAIN CAUSES MORTALITY IN EARLY INFANCY	760-762,764-766,770-779	175	251.7	26.8	100	281.1	26.3	75	220.9	27.5
SUDDEN INFANT DEATH SYNDROME	7980	166	238.7	25.4	101	283.9	26.6	65	191.4	23.8
CONGENITAL ANOMALIES	740-759	149	214.3	22.8	91	255.8	23.9	58	170.8	21.2
BIRTH INJURY, ETC.	763,767-769	84	120.8	12.9	47	132.1	12.4	37	109.0	13.6
ALL ACCIDENTS	E800-949	14	20.1	2.1	4	11.2	1.1	10	29.4	3.7
ALL OTHER CAUSES		65	93.5	9.9	37	104.0	9.7	28	82.5	10.2
1 - 4										
ALL CAUSES		112	42.0	100.0	68	49.8	100.0	44	33.9	100.0
ALL ACCIDENTS	E800-949	43	16.1	38.4	28	20.5	41.2	15	11.6	34.1
CONGENITAL ANOMALIES	740-759	14	5.3	12.5	8	5.9	11.8	6	4.6	13.6
MALIGNANT NEOPLASMS	140-208,230-234	14	5.3	12.5	8	5.9	11.8	6	4.6	13.6
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	7	2.6	6.3	4	2.9	5.9	3	2.3	6.8
HOMICIDE	E960-969	6	2.3	5.4	3	2.2	4.4	3	2.3	6.8
ALL OTHER CAUSES		28	10.5	25.0	17	12.4	25.0	11	8.5	25.0
5 - 14										
ALL CAUSES		142	23.2	100.0	88	28.0	100.0	54	18.1	100.0
ALL ACCIDENTS	E800-949	63	10.3	44.4	42	13.4	47.7	21	7.0	38.9
MALIGNANT NEOPLASMS	140-208,230-234	20	3.3	14.1	15	4.8	17.0	5	1.7	9.3
CONGENITAL ANOMALIES	740-759	10	1.6	7.0	5	1.6	5.7	5	1.7	9.3
SUICIDE	E950-959	7	1.1	4.9	6	1.9	6.8	1	.3	1.9
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	5	.8	3.5	3	1.0	3.4	2	.7	3.7
ALL OTHER CAUSES		37	6.0	26.0	17	5.4	19.3	20	6.7	37.0
15 - 24										
ALL CAUSES		650	90.2	100.0	484	130.7	100.0	166	47.3	100.0
ALL ACCIDENTS	E800-949	360	49.9	55.4	284	76.7	58.7	76	21.7	45.8
SUICIDE	E950-959	103	14.3	15.8	87	23.5	18.0	16	4.6	9.6
HOMICIDE	E960-969	50	6.9	7.7	29	7.8	6.0	21	6.0	12.7
MALIGNANT NEOPLASMS	140-208,230-234	46	6.4	7.1	27	7.3	5.6	19	5.4	11.4
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	12	1.7	1.8	7	1.9	1.4	5	1.4	3.0
ALL OTHER CAUSES		79	11.0	12.1	50	13.5	10.3	29	8.3	17.4
25 - 34										
ALL CAUSES		851	108.0	100.0	620	155.2	100.0	231	59.4	100.0
ALL ACCIDENTS	E800-949	325	41.2	38.2	272	68.1	43.9	53	13.6	22.9
SUICIDE	E950-959	154	19.5	18.1	118	29.5	19.0	36	9.3	15.6
MALIGNANT NEOPLASMS	140-208,230-234	84	10.7	9.9	39	9.8	6.3	45	11.6	19.5
HOMICIDE	E960-969	68	8.6	8.0	48	12.0	7.7	20	5.1	8.7
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	51	6.5	6.0	39	9.8	6.3	12	3.1	5.2
ALL OTHER CAUSES		169	21.4	19.8	104	26.0	16.7	65	16.7	28.1



TABLE 14 (CONT)

RESIDENCE DEATHS WITH RATES(1) AND PERCENT(2) BY AGE GROUP AND SEX BY LEADING CAUSES, WASHINGTON STATE 1983

	INTERNATIONAL LIST NUMBER	TOTAL			MALE			FEMALE		
		NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)
<b>35 - 44</b>										
ALL CAUSES		884	154.5	100.0	564	194.7	100.0	320	113.3	100.0
MALIGNANT NEOPLASMS	140-208,230-234	218	38.1	24.7	95	32.8	16.8	123	43.6	38.4
ALL ACCIDENTS	E800-949	190	33.2	21.5	149	51.4	26.4	41	14.5	12.8
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	127	22.2	14.4	101	34.9	17.9	26	9.2	8.1
SUICIDE	E950-959	103	18.0	11.7	69	23.8	12.2	34	12.0	10.6
HOMICIDE	E960-969	34	5.9	3.8	27	9.3	4.8	7	2.5	2.2
ALL OTHER CAUSES		212	37.1	23.9	123	42.5	21.8	89	31.5	27.8
<b>45 - 54</b>										
ALL CAUSES		1,713	433.9	100.0	1,065	537.6	100.0	648	329.4	100.0
MALIGNANT NEOPLASMS	140-208,230-234	605	153.2	35.3	303	152.9	28.5	302	153.5	46.6
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	486	123.1	28.4	373	188.3	35.0	113	57.4	17.4
ALL ACCIDENTS	E800-949	120	30.4	7.0	87	43.9	8.2	33	16.8	5.1
SUICIDE	E950-959	76	19.2	4.4	58	29.3	5.4	18	9.1	2.8
CEREBROVASCULAR DISEASE	430-438	75	19.0	4.4	48	24.2	4.5	27	13.7	4.2
ALL OTHER CAUSES		351	88.9	20.4	196	98.9	18.4	155	78.8	23.9
<b>55 - 64</b>										
ALL CAUSES		4,433	1142.4	100.0	2,722	1462.8	100.0	1,711	847.2	100.0
MALIGNANT NEOPLASMS	140-208,230-234	1,611	415.2	36.3	829	445.5	30.5	782	387.2	45.7
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	1,485	382.7	33.5	1,074	577.2	39.5	411	203.5	24.0
CEREBROVASCULAR DISEASE	430-438	170	43.8	3.8	97	52.1	3.6	73	36.1	4.3
CIRRHOSIS OF LIVER	571	152	39.2	3.4	95	51.1	3.5	57	28.2	3.3
ALL ACCIDENTS	E800-949	114	29.4	2.6	83	44.6	3.0	31	15.3	1.8
ALL OTHER CAUSES		901	232.2	20.3	544	292.3	19.9	357	176.8	20.8
<b>65 - 74</b>										
ALL CAUSES		7,718	2697.8	100.0	4,613	3520.2	100.0	3,105	2002.7	100.0
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	2,862	1000.4	37.1	1,877	1432.3	40.7	985	635.3	31.7
MALIGNANT NEOPLASMS	140-208,230-234	2,295	802.2	29.7	1,301	992.8	28.2	994	641.1	32.0
CEREBROVASCULAR DISEASE	430-438	494	172.7	6.4	250	190.8	5.4	244	157.4	7.9
BRONCHITIS, EMPHYSEMA, AND ASTHMA	466,490-493	170	59.4	2.2	112	85.5	2.4	58	37.4	1.9
DIABETES MELLITUS	250	164	57.3	2.1	74	56.5	1.6	90	58.0	2.9
ALL OTHER CAUSES		1,733	605.8	22.4	999	762.3	21.6	734	473.4	23.6
<b>75 - 84</b>										
ALL CAUSES		8,530	6029.1	100.0	4,357	7871.7	100.0	4,173	4845.0	100.0
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	3,475	2456.2	40.7	1,734	3132.8	39.8	1,741	2021.4	41.7
MALIGNANT NEOPLASMS	140-208,230-234	1,704	1204.4	20.0	938	1694.7	21.5	766	889.4	18.4
CEREBROVASCULAR DISEASE	430-438	892	630.5	10.5	398	719.1	9.1	494	573.6	11.8
INFLUENZA AND PNEUMONIA	480-487	307	217.0	3.6	144	260.2	3.3	163	189.2	3.9
DIABETES MELLITUS	250	171	120.9	2.0	62	112.0	1.4	109	126.6	2.6
ALL OTHER CAUSES		1,981	1400.2	23.2	1,081	1953.0	24.8	900	1044.9	21.5
<b>85 AND OVER</b>										
ALL CAUSES		6,942	15681.0	100.0	2,430	18878.2	100.0	4,512	14370.3	100.0
DISEASES OF THE HEART	391-2.0,393-8,402,404,410-7,420-9	3,136	7083.8	45.2	1,032	8017.4	42.5	2,104	6701.1	46.6
CEREBROVASCULAR DISEASE	430-438	908	2051.1	13.1	283	2198.6	11.6	625	1990.6	13.9
MALIGNANT NEOPLASMS	140-208,230-234	755	1705.4	10.9	335	2602.5	13.8	420	1337.7	9.3
INFLUENZA AND PNEUMONIA	480-487	487	1100.1	7.0	161	1250.8	6.6	326	1038.3	7.2
ARTERIOSCLEROSIS	440	268	605.4	3.9	93	722.5	3.8	175	557.4	3.9
ALL OTHER CAUSES		1,388	3135.3	19.9	526	4086.4	21.6	862	2745.4	19.1
<b>AGE UNKNOWN</b>										
ALL CAUSES		3		100.0	1		100.0	2		100.0
UNDETERMINED EXTERNAL INJURIES	E980-989	2		66.7	1		100.0	1		50.0
ALL OTHER CAUSES		1		33.3				1		50.0

- (1) RATE PER 100,000 POPULATION IN EACH AGE - SEX GROUP.  
(2) PERCENT OF TOTAL DEATHS IN EACH AGE - SEX GROUP.  
(3) DEATIL MAY NOT ADD UP TO 100 PERCENT DUE TO ROUNDING.

TABLE 15

## DEATHS BY MONTH OF OCCURRENCE BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
STATE TOTAL	32,631	3,151	2,488	2,707	2,797	2,701	2,581	2,582	2,602	2,558	2,782	2,734	2,948
ADAMS	91	8	11	4	13	5	7	9	5	5	8	8	8
ASOTIN	171	15	10	16	15	14	14	17	18	10	16	11	15
BENTON	568	66	45	50	41	52	44	47	42	36	39	49	57
KENNEWICK	224	25	16	20	18	19	17	21	23	14	14	16	21
RICHLAND	188	24	15	11	13	14	17	13	8	19	14	21	19
CHELAN	502	51	39	43	44	51	41	44	35	45	34	35	40
WENATCHEE	258	35	18	25	20	22	27	21	17	21	21	14	17
CLALLAM	504	47	42	37	41	46	37	45	34	36	43	60	36
FORT ANGELES	181	16	14	10	17	12	20	18	12	15	12	25	10
CLARK	1,382	130	105	115	126	107	105	112	109	120	117	111	125
VANCOUVER	629	61	39	54	55	42	49	39	54	55	59	62	60
COLUMBIA	53	2	5	7	1	3	6	8	4	4	5	5	3
COMLITZ	678	66	52	50	61	52	44	52	63	57	63	69	49
KELSO	135	14	8	7	13	9	7	6	17	11	13	17	13
LONGVIEW	358	30	20	30	38	33	24	34	35	29	31	30	24
DOUGLAS	156	19	10	8	9	14	12	12	13	13	15	13	18
FERRY	49	4	1		5	6	4	1	8	5	2	4	9
FRANKLIN	226	20	12	20	17	20	20	20	25	17	21	17	17
PASCO	163	15	10	13	8	16	11	13	20	13	19	11	14
GARFIELD	27	5	2	2	3	1	3		1	2	4		4
GRANT	359	24	21	30	34	30	26	25	26	22	31	29	41
MOSES LAKE	92	7	8	11	7	13	2	6	10	7	9	5	7
GRAYS HARBOR	604	57	37	58	51	44	56	58	45	39	48	52	59
ABERDEEN	196	18	13	13	7	14	19	20	17	12	22	18	23
ISLAND	356	37	37	28	31	25	30	28	35	28	26	18	33
OAK HARBOR	65	11	10	1	5	7	2	3	7	3	3	4	9
JEFFERSON	169	17	21	19	20	14	6	14	11	16	12	9	10
KING	9,789	951	755	792	817	821	815	777	823	742	778	866	852
AUBURN	246	26	16	24	19	20	27	23	18	15	15	26	17
BELLEVUE	419	42	42	34	38	41	30	33	45	26	20	37	31
DES MOINES	77	5	3	7	13	7	8	9	6	3	6	4	6
KENT	136	12	9	20	10	9	11	11	10	8	14	10	11
KIRKLAND	151	23	15	7	9	11	9	2	13	13	16	10	14
MERCER ISLAND	113	11	8	10	9	11	9	2	14	10	10	7	12
REDMOND	104	10	3	10	7	13	6	13	9	13	8	5	7
RENTON	277	23	14	21	19	26	26	19	28	26	31	27	17
SEATTLE	5,279	543	411	426	443	440	426	405	436	392	431	461	465
KITSAP	1,138	108	79	104	88	90	82	78	93	83	108	95	130
BREMERTON	438	45	35	42	36	32	33	31	31	28	45	27	53
KITTITAS	199	11	8	15	20	19	19	24	12	18	17	17	19
ELLENSBURG	94	5	4	7	7	8	11	14	4	8	9	9	8
Klickitat	139	13	12	15	9	15	15	10	6	9	10	10	15
LEWIS	519	45	35	39	59	45	39	46	32	41	44	43	51
CENTRALIA	166	13	8	8	19	16	17	16	11	13	17	11	17
LINCOLN	107	14	7	5	8	5	14	7	6	5	14	15	7
MASON	285	25	27	29	23	25	20	19	16	30	26	19	26
OKANOGAN	290	35	12	24	31	21	29	13	24	18	26	23	34
PACIFIC	217	21	16	16	19	21	11	11	18	25	27	13	19
PEND OREILLE	89	9	7	5	5	6	11	9	7	9	10	4	7
PIERCE	3,714	359	285	332	319	302	289	312	292	310	293	301	320
PUYALLUP	216	13	22	21	16	17	15	11	11	18	23	16	25
YACOMA	1,786	182	132	154	157	149	145	142	133	147	150	141	154
SAN JUAN	69	6	9	5	3	2	6	4	3	9	8	6	8
SKAGIT	642	41	62	54	46	53	59	57	54	53	49	50	64
MOUNT VERNON	118	7	10	13	12	5	11	10	13	11	9	10	7
SKAMANIA	36	3	2	3	2	6	3	3	2	3	3	2	4
SNOHOMISH	2,301	182	181	191	192	199	179	185	178	195	219	183	217
EDMONDS	220	15	13	21	14	19	19	19	22	17	16	16	29
EVERETT	621	46	58	50	54	54	45	38	45	58	59	50	64
LYNNWOOD	150	10	9	13	12	18	14	15	9	13	18	9	10
MOUNTLAKE TERRACE	70	3	3	7	8	7	5	6	6	7	6	5	7
SPOKANE	2,940	289	197	232	262	236	240	227	245	206	281	256	269
SPOKANE (CITY)	1,964	204	127	153	169	163	165	154	170	133	185	172	169
STEVENS	239	31	21	15	24	26	11	14	23	15	25	16	18
THURSTON	977	94	81	94	89	69	67	87	67	88	77	85	79
LACEY	176	17	15	14	19	15	13	12	10	12	11	22	16
OLYMPIA	342	22	34	40	30	20	24	33	27	31	29	26	26
WASHTACUM	39	4	3	2	4	1	4		1	3	11	1	5
WALLA WALLA	489	54	33	39	44	32	39	40	45	33	46	43	41
WALLA WALLA (CITY)	337	34	21	27	29	21	26	29	33	26	33	29	29
WHATCOM	797	91	70	67	61	68	56	50	69	68	61	61	75
BELLINGHAM	422	54	31	39	35	34	32	24	41	26	35	29	42
WHITMAN	245	37	20	13	24	16	13	17	4	23	22	20	23
PULLMAN	53	6	4	4	5	4	6	3	4	6	4	4	3
YAKIMA	1,476	160	116	129	136	119	105	100	95	117	143	115	141
YAKIMA (CITY)	579	68	52	49	55	53	43	32	36	44	57	40	50

TABLE 16

## DEATHS BY TYPE OF PLACE BY PLACE OF OCCURRENCE, WASHINGTON STATE 1963

COUNTY AND CITY	TOTAL	GENERAL HOSPITAL	NURSING HOME	HOME	FEDERAL FACILITY	PSYCHIATRIC HOSPITAL	STATE FACILITY	DEAD ON ARRIVAL	OTHER AND NOT SPECIFIED
STATE TOTAL	32,890	16,165	7,623	6,315	1,139	48	2	52	1,546
ADAMS	83	41	24	6				1	11
ASOTIN	136	56	54	24					2
BENTON	550	333	86	112					19
KENNEWICK	224	113	45	60					6
RICHLAND	256	190	26	35					5
CHELAN	599	345	143	81					30
WENATCHEE	447	285	107	45					10
CLALLAM	466	186	157	86				3	34
PORT ANGELES	310	180	75	36				2	17
CLARK	1,312	533	331	247	145			4	52
VANCOUVER	1,120	533	230	178	145			4	30
COLUMBIA	45	13	14	12					6
COVILTZ	701	392	174	104				1	30
KELSO	30	1	5	21					3
LONGVIEW	621	391	160	63					7
DOUGLAS	75		39	27					9
FERRY	31	12		12					7
FRANKLIN	182	105	30	38				1	8
PASCO	170	105	30	30				1	4
GARFIELD	28	13	10	2					3
GRANT	285	152	37	60					36
HOSES LAKE	137	70	29	26					12
GRAYS HARBOR	518	275	136	81				1	25
ABERDEEN	364	242	80	36				1	5
ISLAND	245	58	53	105	5				24
OAK HARBOR	64		20	34	5				5
JEFFERSON	125	68	25	22					10
KING	10,522	5,466	2,243	2,162	240	7	1	10	393
AUBURN	301	177	44	68					12
BELLEVUE	483	279	78	115					11
DES MOINES	128		113	12					3
KENT	86		3	70					13
KIRKLAND	390	170	143	53		7			17
MERCER ISLAND	60		29	29					2
REDMOND	240	151	53	30					6
RENTON	519	273	128	101				1	16
SEATTLE	7,726	4,363	1,420	1,470	240		1	9	223
KITSAP	1,079	443	260	241	39			5	91
BREMERTON	765	443	140	121	39			4	18
KITTITAS	188	74	53	36				2	23
ELLENSBURG	139	72	46	13				2	6
KLICKITAT	104	31	11	47				1	14
LEWIS	446	224	106	86				3	27
CENTKALIA	229	98	95	31					5
LINCOLN	69	30	18	16					5
MASON	215	94	24	72				2	23
OKANOGAN	261	125	56	49				2	29
PACIFIC	161	81	39	37				1	3
PEND OREILLE	62	27	19	12					4
PIERCE	3,889	1,824	825	635	422	25		6	152
PUYALLUP	565	303	173	76				2	11
TACOMA	3,001	1,517	585	397	416	13		3	70
SAN JUAN	56		15	29					12
SKAGIT	672	350	155	128					39
MOUNT VERNON	277	165	66	35					11
SKAMANIA	23			8					15
SNOHOMISH	2,057	945	537	453				2	120
EDMONDS	384	260	50	68				1	5
EVERETT	954	579	222	134				1	18
LYNNWOOD	81	1	31	44					5
MOUNTLAKE TERRACE	20		1	14					5
SPOKANE	3,433	1,859	781	456	213	16		1	107
SPOKANE (CITY)	3,244	1,837	718	400	202			1	86
STEVENS	184	79	45	49					11
THURSTON	980	488	243	210				1	38
LACEY	120	1	90	25					4
OLYMPIA	779	486	127	147					19
WAHIAKUM	25		13	10					2
WALLA WALLA	644	297	173	89	75			1	9
WALLA WALLA (CITY)	567	297	126	64	75				5
WHATCOM	800	279	288	187					46
BELLINGHAM	633	279	231	110					13
WHITMAN	184	84	58	29				2	11
PULLMAN	53	32	14	6					1
YAKIMA	1,455	783	348	255			1	2	66
YAKIMA (CITY)	1,002	633	223	124				2	20

TABLE 17

## OCCURRENCE DEATHS BY MONTH BY SELECTED CAUSES, WASHINGTON STATE 1983

Cause of Death and International List Number	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TOTAL ALL CAUSES	32,890	3,174	2,469	2,708	2,824	2,738	2,628	2,605	2,626	2,573	2,788	2,762	2,995
Infectious and Parasitic Diseases (001-139)	244	24	26	13	21	14	26	19	15	25	24	22	15
Pneumonia (480-486)	926	147	82	72	85	72	69	60	51	60	76	87	65
Influenza (487)	78	49	4	3	6	2			1	5	3	1	4
Bronchitis (490-491)	79	7	5	6	8	8	8	8	4	4	6	8	7
Emphysema (492)	302	40	23	28	26	35	31	19	20	24	20	12	24
Asthma (493)	77	13	8	5	2	9	6	8	4	9	9	3	1
Chronic Obstructive Pulmonary Disease (496)	1,033	120	85	103	82	101	72	74	82	68	82	86	78
Malformations (740-759)	245	19	18	13	18	22	14	17	19	29	27	23	26
Certain Causes of Mortality in Early Infancy (760-779)	171	16	15	13	14	14	11	15	17	11	12	12	21
Motorcycle Accidents (E810-E825)	85	3	4	4	11	15	7	14	12	1	12	1	1
Other Motor Vehicle Accidents (E810-E825)	684	50	36	42	70	43	64	64	63	63	55	74	60
Drownings Resulting from Boating Accidents (E830, E832)	43	5	1	5	4	5	6	1	3	4	3	6	
Falls (E880-E888)	228	23	15	10	21	24	18	22	15	20	17	24	19
Fire (E890-E899)	56	8	6	2	7	3	5	6	1	1	1	5	11
Other Accidents (E800-E928)	375	26	20	32	36	27	29	36	47	32	35	29	26
Suicide (E950-E959)	614	47	47	45	54	37	51	56	64	53	61	51	48
Homicide (E960-E969)	218	11	29	19	13	23	14	23	15	16	18	15	22

TABLE 18

## RESIDENCE DEATHS BY NON-TRANSPORT CAUSES, BY PLACE OF ACCIDENT, WASHINGTON STATE 1983\*

Cause of Death	Total	Home	Nursing Home	Agriculture	Industry	Public	Other and Unknown
TOTAL	660	282	28	26	31	235	58
Poisoning by drugs, medicaments and biologicals (E850-E858)	62	38				15	9
Poisoning by other solid and liquid substances, gases and vapors (E860-E869)	27	20				6	1
Misadventures and abnormal reactions due to surgical and medical care (E870-E879)	12					9	3
Falls (E880-E888)	217	101	27	2	9	64	14
Falls on stairs and ladders (E880,E881)	22	14			3	3	2
Falls from one level to another (E882-E884)	56	17	6	2	6	24	1
Falls on same level (E885,E886)	26	10	4			11	1
Other and unspecified falls (E887,E888)	113	60	17			26	10
Fire (E890-E899)	55	48				7	
Natural and environmental factors (E900-E909)	21	7		1		12	1
Drowning, excluding submersion following boating accidents (E910)	94	15			3	72	4
Inhalation and ingestion of food or other object causing suffocation and obstruction (E911,E912)	39	10	1			15	13
Mechanical suffocation (E913)	21	17			2	2	
Foreign body entering other orifice (E914-E915)	1					1	
Struck by, against or between objects (E916-E918)	42	10		12	5	15	
Machinery (E919)	24	3		9	8	4	
Explosion and explosive material (E921,E923)	3	1			2		
Firearms (E922)	16	5				10	1
Hot substance, corrosive liquid and steam (E924)	3	2				1	
Electricity (E925)	6	3		2	1		
Other and unspecified non-transport accidents	17	2			1	2	12

\* See Appendix B, Technical Notes: Occurrence Data

TABLE 19

## FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF RESIDENCE, WASHINGTON STATE 1983

COUNTY AND CITY	FETAL DEATHS		PERINATAL MORTALITY(2)		NEONATAL MORTALITY		INFANT MORTALITY	
	NUMBER	RATIO(1)	NUMBER	RATE(3)	NUMBER	RATE(4)	NUMBER	RATE(4)
STATE TOTAL	474	6.9	763	11.0	373	5.4	653	9.5
ADAMS	1	3.4	3	10.0	2	6.7	3	10.1
ASOTIN			3	12.3	3	12.3	3	12.3
BENTON	14	6.7	24	11.3	12	5.7	15	7.1
KENNEWICK	5	5.5	8	8.7	5	5.5	7	7.6
RICHLAND	8	16.4	11	22.2	3	6.2	4	8.2
CHELAN	10	12.0	16	19.0	6	7.2	9	10.8
WEMATCHEE	4	11.8	7	20.5	3	8.9	3	8.9
CLALLAN	5	6.3	9	11.3	4	5.1	9	11.4
PORT ANGELES							3	10.7
CLARK	13	4.3	21	6.9	13	4.3	24	7.9
VANCOUVER	4	3.4	8	6.8	5	4.3	10	8.6
COLUMBIA	2	36.4	2	35.1				
COWLITZ	5	4.0	10	8.0	7	5.6	16	12.8
KELSO			1	4.6	1	4.6	2	9.1
LONGVIEW	4	7.9	5	9.8	3	5.9	8	15.7
DOUGLAS	3	8.7	4	11.5	1	2.9	1	2.9
FERRY					1	9.1	3	27.3
FRANKLIN	11	12.7	14	16.0	3	3.5	5	5.8
PASCO	9	16.5	11	19.8	2	3.7	2	3.7
GARFIELD								
GRANT	7	7.3	11	11.3	5	5.2	9	9.3
MOSES LAKE			1	5.0	2	10.0	3	15.0
GRAYS HARBOR	8	7.9	11	10.7	5	4.9	7	6.9
ABENDEEN	2	7.5	3	11.1	1	3.7	1	3.7
ISLAND	5	5.7	11	12.4	8	9.1	9	10.2
OAK HARBOR	1	3.0	1	3.0	1	3.0	1	3.0
JEFFERSON								
KING	157	8.4	224	11.9	93	5.0	155	8.3
AUBURN	3	5.4	5	9.0	4	7.2	5	9.0
BELLEVUE	6	7.2	7	8.4	2	2.4	4	4.8
KENT	5	9.4	6	11.2	1	1.9	4	7.5
KIRKLAND	4	11.4	6	16.9	3	8.6	4	11.4
MERCER ISLAND	1	6.4	1	6.3				
REDFORD	6	14.8	6	14.6	1	2.5	1	2.5
RENTON	5	8.4	6	10.0	1	1.7	2	3.4
SEATTLE	66	10.0	97	14.5	41	6.2	70	10.6
KITSAP	18	6.2	45	15.4	31	10.7	39	13.4
BREMERTON	3	3.5	19	21.9	19	21.9	20	23.1
KITTITAS	4	12.0	6	17.8	2	6.0	2	6.0
KLICKITAT	1	3.6	2	7.1	2	7.1	3	10.7
LEWIS	5	5.5	7	7.7	4	4.4	9	9.9
CENTRALIA	2	8.5	3	12.6	2	8.5	2	8.5
LINCOLN								
MASON	3	6.1	4	8.1	1	2.0	4	8.2
OKANOGAN	6	9.9	10	16.4	4	6.6	7	11.6
PACIFIC	3	12.5	5	20.6	2	8.3	4	16.7
PEND OREILLE	1	8.3	2	16.5	1	8.3	1	8.3
PIERCE	52	5.6	103	11.1	62	6.7	114	12.4
PUYALLUP	3	9.7	3	9.6	1	3.2	3	9.7
TACOMA	18	6.1	40	13.5	27	9.1	46	15.6
SAN JUAN			1	9.5	1	9.5	1	9.5
SKACIT	7	6.6	14	13.2	9	8.5	12	11.4
HOUGHT VERNON	1	3.8	3	11.3	3	11.3	4	15.1
SKAMANIA			1	9.3	1	9.3	1	9.3
SNORONISH	37	6.1	50	8.1	20	3.3	41	6.7
EDMONDS	3	7.5	3	7.4			2	5.0
EVERETT	10	7.7	14	10.7	6	4.6	13	10.0
LYNNWOOD	5	8.7	5	8.6	1	1.7	3	5.2
MOUNTLAKE TERRACE	1	3.7	2	7.4	1	3.7	1	3.7
SPOKANE	39	7.0	65	11.6	33	5.9	68	12.3
SPOKANE (CITY)	21	7.0	35	11.6	20	6.7	40	13.3
STEVENS	3	6.0	4	8.0	2	4.0	4	8.0
THURSTON	8	3.7	16	7.4	9	4.2	21	9.7
LACEY			2	7.8	2	7.8	3	11.8
OLYMPIA	3	4.8	5	7.9	2	3.2	3	4.8
WAKIACUM								
WALLA WALLA	2	2.7	4	5.4	4	5.4	7	9.4
WALLA WALLA (CITY)	2	4.7	4	9.3	3	7.0	6	14.0
WHATCOM	12	7.2	18	10.8	7	4.2	12	7.2
BELLINGHAM	5	8.2	7	11.4	2	3.3	3	4.9
WHITMAN	4	8.8	4	8.8	1	2.2	3	6.6
PULLMAN	3	13.5	3	13.3	1	4.5	1	4.5
YAKIMA	28	8.4	39	11.7	14	4.2	32	9.7
YAKIMA (CITY)	7	7.6	12	12.8	7	7.6	15	16.2

(1)RATIO PER 1,000 LIVE BIRTHS  
(2)FETAL DEATHS PLUS LIVEBORN INFANTS DYING AT 6 DAYS AND UNDER  
(3)RATE PER 1,000 LIVE BIRTHS PLUS FETAL DEATHS  
(4)RATE PER 1,000 LIVE BIRTHS

TABLE 20

## FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF OCCURRENCE, WASHINGTON STATE 1983

COUNTY AND CITY	FETAL DEATHS		PERINATAL MORTALITY(2)		NEONATAL MORTALITY		INFANT MORTALITY	
	NUMBER	RATIO(1)	NUMBER	RATE(3)	NUMBER	RATE(4)	NUMBER	RATE(4)
STATE TOTAL	482	7.1	775	11.3	377	5.5	667	9.8
ADAMS							2	7.3
ASOTIN								
BENTON	21	8.3	29	11.4	8	3.2	11	4.4
KENNEWICK	5	5.8	5	5.8			1	1.2
RICHLAND	15	11.1	21	15.3	6	4.4	8	5.9
CRELAN	12	9.6	16	12.6	4	3.2	4	3.2
WENATCHEE	9	8.2	12	10.8	3	2.7	3	2.7
CLALLAM	5	6.4	5	6.4			4	5.1
PORT ANGELES	5	7.7	5	7.6			3	4.6
CLARK	9	4.1	10	4.6	2	.9	9	4.1
VANCOUVER	9	4.2	10	4.6	2	.9	9	4.2
COLUMBIA	2	69.0	2	64.5				
COMLITZ	6	4.3	8	5.7	2	1.4	7	5.0
LONGVIEW	6	4.3	8	5.8	2	1.4	7	5.1
DOUGLAS								
FERRY					1	18.9	2	37.7
FRANKLIN	4	8.3	5	10.2	1	2.1	1	2.1
PASCO	4	8.3	5	10.3	1	2.1	1	2.1
GARFIELD								
GRANT	5	7.1	7	9.9	2	2.9	5	7.1
MOSES LAKE	2	3.7	3	5.6	1	1.9	2	3.7
GRAYS HARBOR	4	5.3	4	5.3	1	1.3	3	4.0
ABERDEEN	4	5.8	4	5.8			2	2.9
ISLAND	4	5.3	4	5.3				
OAK HARBOR	3	7.3	3	7.2				
JEFFERSON								
KING	179	8.8	291	14.1	160	7.8	256	12.6
AUBURN	7	12.3	8	13.9	1	1.8	2	3.5
BELLEVUE	14	6.9	16	7.8	3	1.5	7	3.4
KENT							2	95.2
KIRKLAND	10	9.9	11	10.8	1	1.0	2	2.0
REDMOND	8	4.4	11	6.0	3	1.7	4	2.2
RENTON	13	6.7	15	7.7	2	1.0	4	2.1
SEATTLE	126	10.0	229	18.0	149	11.8	228	18.1
KITSAP	16	6.5	27	11.0	11	4.5	19	7.8
BREHERTON	16	6.7	27	11.3	11	4.6	14	5.9
KITTITAS			1	3.7	2	7.4	2	7.4
ELLENSBURG			1	4.0	1	4.0	1	4.0
KLICKITAT	1	4.6	1	4.6				
LEWIS	6	6.9	7	8.0	1	1.2	3	3.5
CENTRALIA	3	7.2	4	9.5	1	2.4	3	7.2
LINCOLN								
HASON	1	4.4	1	4.4			3	13.3
OKANOGAN	7	11.5	7	11.4			3	4.9
PACIFIC	1	9.7	1	9.6				
PEND OKEILLE	1	10.4	1	10.3				
PIERCE	61	6.0	131	12.9	82	8.1	137	13.6
PUYALLUP	6	5.0	10	8.2	4	3.3	11	9.1
TACOMA	54	6.2	120	13.8	77	8.9	120	13.9
SAN JUAN			1	31.3	1	31.3	1	31.3
SKAGIT	8	5.9	10	7.4	2	1.5	3	2.2
MOUNT VERNON	3	3.4	5	5.6	2	2.2	3	3.4
SKAMANIA								
SNOHOMISH	22	4.8	28	6.1	8	1.7	25	5.5
EDMONDS	9	5.4	10	6.0	2	1.2	7	4.2
EVERETT	10	4.2	12	5.0	3	1.3	8	3.4
LYNNWOOD							1	58.8
SPOKANE	48	7.5	102	15.9	68	10.7	109	17.1
SPOKANE (CITY)	43	7.3	96	16.2	67	11.4	102	17.3
STEVENS	2	5.8	2	5.8			2	5.8
THURSTON	8	3.6	10	4.5	2	.9	13	5.9
LACEY	1	250.0	1	200.0			1	250.0
OLYMPIA	7	3.2	9	4.1	2	.9	9	4.1
WAKIACUM								
WALLA WALLA	4	3.8	7	6.6	4	3.8	8	7.6
WALLA WALLA (CITY)	4	3.8	7	6.7	4	3.8	8	7.6
WHACOM	12	7.7	15	9.6	3	1.9	7	4.5
BELLINGHAM	12	7.8	15	9.7	3	2.0	6	3.9
WHITMAN	3	6.5	3	6.4				
PULLMAN	3	7.6	3	7.6				
YAKIMA	30	9.0	39	11.6	12	3.6	28	8.4
YAKIMA (CITY)	22	9.4	29	12.3	10	4.3	17	7.3

- (1)RATIO PER 1,000 LIVE BIRTHS  
(2)FETAL DEATHS PLUS LIVEBORN INFANTS DYING AT 6 DAYS AND UNDER  
(3)RATE PER 1,000 LIVE BIRTHS PLUS FETAL DEATHS  
(4)RATE PER 1,000 LIVE BIRTHS

TABLE 21

## RESIDENCE, MATCHED INFANT DEATHS BY MOTHER'S AGE GROUP, WASHINGTON STATE 1983\*

COUNTY AND CITY	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTAL	653	3	111	209	167	89	27	7	1	39
ADAMS	3				1	1	1			
ASOTIN	3		1	2						
BENTON	15		2	4	6	2		1		
KENNEWICK	7			3	4					
RICHLAND	4			1	1	1		1		
CHELAN	9		2	3	4					
WENATCHEE	3		1		2					
CLALLAM	9		2	2	3	1	1			
PORT ANGELES	3				1	1				
CLARK	24		2	7	4					
VANCOUVER	10		2	2	1	6				5
COLUMBIA						2				3
COWLITZ	16		8	4	3					1
KELSO	2		2							
LONGVIEW	8		4	1	3					
DOUGLAS	1			1						
FERRY	3		1		2					
FRANKLIN	5			2	1					
PASCO	2			1		2				
GARFIELD						1				
GRANT	9			3	3					
HOSES LAKE	3				1	1				2
GRAY'S HARBOR	7	1		3	2					1
ABERDEEN	1	1								
ISLAND	9		2	4	1	2				
OAK HARBOR	1			1						
JEFFERSON										
KING	155		19	43	49	26	7	2		9
AUBURN	5			3			1			1
BELLEVUE	4			3						
KENT	4			2			1			
KIRKLAND	4			1			1			
REDMOND	1				2		1			
RENTON	2			1						
SEATTLE	70		12	14	25	9	3	2		5
KITSAPO	39		5	14	8	7	1	1		3
BREMERTON	20		3	10	2	3				2
KITTITAS	2			1	1					
KLICKITAT	3		1			2				
LEWIS	9		1	2	1	2	2			1
CENTRALIA	2			1			1			
LINCOLN										
MASON	4		1	2	1					
OKANOGAN	7		3	2						
PACIFIC	4			3			1			2
PEND OREILLE	1					1				
PIERCE	114		21	43	32	9	2	2		5
PUYALLUP	3			2						
TACOMA	46		8	13	18	3	1	2		1
SAN JUAN	1			1						
SKAGIT	12		2	3	3	3				1
MOUNT VERNON	4		1	2	1					
SKAMANIA	1									1
SHOHOHISH	41		6	15	9	5	3	1		2
EDMONDS	2			1	1	1				
EVERETT	13		1	8	1		1	1		1
LYNNWOOD	3				2		1			
MOUNTLAKE TERRACE	1		1				1			
SPOKANE	68	2	11	21	15	12	3			4
SPOKANE (CITY)	40	2	7	11	11	6	2			1
STEVENS	4		2		2					
THURSTON										
LACEY	21		3	9	6	1	2			
OLYMPIA	3		1	1	2					
WARMIKUM	3		1	1	1					
WALLA WALLA	7		2	1	2	1	1			
WALLA WALLA (CITY)	6		2	1	2	1				
WHATCOM	12		2	2	3	3	1		1	
BELLINGHAM	3			1		1				
WHITMAN	3			1		1				1
PULLMAN	1					1				
YAKIMA	32		12	11	5	1	2			1
YAKIMA (CITY)	15		8	2	3	1	1			

\*DEATHS ARE MATCHED WITH BIRTHS TO FIND MOTHER'S AGE.  
RESIDENCE IS THE INFANT'S AT THE TIME OF DEATH.



TABLE 22

## RESIDENCE FETAL MORTALITY BY SEX AND WEIGHT, WASHINGTON STATE 1983

GRAM WEIGHT	TOTAL	MALE	FEMALE	SEX UNKNOWN
STATE TOTAL	474	229	239	6
1,000 GRAMS OR LESS	264	135	126	3
1,001 - 1,500	37	19	17	1
1,501 - 2,000	28	13	15	
2,001 - 2,500	27	10	17	
2,501 - 3,000	38	13	25	
3,001 - 3,500	39	15	24	
3,501 - 4,000	22	15	7	
4,001 - 4,500	11	5	4	2
4,501 AND OVER	8	4	4	

TABLE 23

## FETAL MORTALITY BY CAUSE, WASHINGTON STATE 1983

Cause with International List Number	Totals
<b>TOTAL ALL CAUSES</b>	<b>474</b>
<b>CONGENITAL ANOMALIES</b>	<b>49</b>
Anencephalus (740)	7
Spina Bifida (741)	1
Hydrocephalus and Encephalocele (742)	3
Anomalies of the Heart (745-746)	3
Other Anomalies of circulatory system (747)	1
Anomalies of urinary system (753)	9
Anomalies of Musculoskeletal System (755-756)	3
Chromosomal Anomalies (758)	3
Other and Unspecified Congenital Anomalies	19
<b>CERTAIN CAUSES OF PERINATAL MORBIDITY AND MORTALITY (760-779)</b>	<b>423</b>
Maternal Conditions which may be Unrelated to Pregnancy (760)	
Chronic Hypertension (760.0)	11
Maternal Infections (760.2)	1
Maternal Injury (760.5)	3
Other Maternal Conditions (760.1,760.3-760.4,760.6-760.9)	9
Maternal Conditions Related to Pregnancy (761)	
Incompetent Cervix (761.0)	6
Premature Rupture of Membranes (761.1)	14
Other Maternal Conditions (761.2-761.9)	10
Complications of Placenta, Cord, and Membranes (762)	
Complications of Placenta (762.0-762.3)	79
Complications of Cord (762.4-762.6)	97
Complications of Membranes (762.7-762.9)	9
Complications of Labor (763)	2
Other Complications of Pregnancy and Childbirth (764-767)	17
Intrauterine Hypoxia (768)	28
Diseases of the Fetus and Ill-defined Causes (770-779)	
Respiratory Conditions (770)	4
Infections Specific to the Perinatal Period (771)	1
Fetal Hemorrhage (772)	2
Haemolytic Disease (773)	4
Haematological Disorders (776)	1
Conditions Involving the Integument and Temperature Regulation (778)	6
Other Conditions of Fetus (776-779)	119
<b>ALL OTHER CAUSES (001-739,780-799)</b>	<b>2</b>

TABLE 24

## INFANT MORTALITY BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTAL	653	547	56	6	25	1		4	9		5
ADAMS	3	3									
ASOTIN	3	3									
BENTON	15	15									
KENNEWICK	7	7									
RICHLAND	4	4									
CHELAN	9	9									
WENATCHEE	3	3									
CLALLAM	9	7			2						
PORT ANGELES	3	3									
CLARK	24	22							2		
VANCOUVER	10	9							1		
COLUMBIA											
COWLITZ	16	16									
KELSO	2	2									
LONGVIEW	8	8									
DOUGLAS	1	1									
FERRY	3	3									
FRANKLIN	5	4		1							
PASCO	2	1		1							
GARFIELD											
GRANT	9	9									
HOSES LAKE	3	3									
GRAYS HARBOR	7	6			1						
ABERDEEN	1	1									
ISLAND	9	9									
OAK HARBOR	1	1									
JEFFERSON											
KING	155	121	23	1	1	1		2	3		3
AUBURN	5	5									
BELLEVUE	4	4									
KENT	4	3	1					1			
KIRKLAND	4	3									
MERCER ISLAND	1	1									
REDMOND	2	2							2		3
RENTON	70	43	20	1	1						2
SEATTLE											1
KITSAP	39	32	4					1			1
BREHERTON	20	15	4								
KITTITAS	2	2									
KLICKITAT	3	3									
LEWIS	9	8		1							
CENTRALIA	2	2									
LINCOLN											
MASON	4	3				1					
OKANOGAN	7	5				2					
PACIFIC	4	4									
PEND OREILLE	1	1									
PIERCE	114	81	26			3		1	3		
PUYALLUP	3	3									
TACOMA	46	29	13			2		1	1		
SAN JUAN	1	1									
SKAGIT	12	12									
MOUNT VERNON	4	4									
SKAMANIA	1	1									
SNOWHOMISH	41	36				4				1	
EDMONDS	2	2									
EVERETT	13	9				3				1	
LYNNWOOD	3	3									
MOUNTLAKE TERRACE	1	1									
SPOKANE	68	64	2			2					
SPOKANE (CITY)	40	36	2			2					
STEVENS	4	3				1					
THURSTON	21	21									
LACEY	3	3									
OLYMPIA	3	3									
WASHPAKUM											
WALLA WALLA	7	7									
WALLA WALLA (CITY)	6	6									
WHATCOM	12	9			1	2					
BELLINGHAM	3	2				1					
WHITMAN	3	3									
PULLMAN	1	1									
YAKIMA	32	23			3	6					
YAKIMA (CITY)	15	13			1	1					

TABLE 25

## INFANT MORTALITY BY AGE AND SEX BY CAUSE, WASHINGTON STATE 1983

Cause and International List Number	Total		Under 1 Day		1 Day-Under 7 Days		7 Days-Under 28 Days		28 Days-Under 3 Mo.		3 Mo.-Under 6 Mo.		6 Mo.-Under 9 Mo.		9 Mo.-Under 12 Mo.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>TOTAL ALL CAUSES</b>	380	273	103	91	64	31	51	33	84	59	53	42	20	11	5	6
All infective and parasitic diseases (000-139)	3	8			1				3	6						
Malignant neoplasms (140-208,230-234)	3	1					1									
Meningitis (320,322)	6	2					2		1	2			1		1	
Pneumonia and influenza (480-487)	3	1					1		1	1			2		1	
Other diseases of respiratory system (510-519)																
Hernia and intestinal obstruction (550-553,560)																
<b>Congenital malformations (740-759)</b>	91	58	25	25	23	9	18	12	8	3	11	6	6	2		1
Anencephalus (740)	4	7	3	6	1		1									
Spina bifida and meningocele (741)	1															
Other central nervous system malformations (742)	4	5														
Anomalies of the heart (745-746)	31	10	3	2	3	3	6	5	5		1	2	4	1		
Other anomalies of the circulatory system (747)	12	6	1	1	6	2	5	2			5	1				
Anomalies of the respiratory system (748)	10	8	6	3	1	2	2	2			2	1	1			
Anomalies of the digestive system (751)	6	1	4	4	1		2		2	1	2	1	1			
Anomalies of the genitourinary system (752-753)	5	4														
Anomalies of the musculoskeletal system (754-756)	18	17	8	9	3	2	3	2	1	2	2	1	1	1		
<b>Certain diseases of early infancy (760-779)</b>	147	112	75	64	38	20	21	18	9	5	2	2	1	1	1	
Maternal diseases affecting child (760)																
Complications of pregnancy affecting child (761-762)	13	21	12	20	1		1		1							
Birth injuries (763,767-769)	47	37	19	14	19	14	7	6	1	2	1					
Other diseases peculiar to early infancy	87	53	44	30	18	5	14	11	8	3	1	2	1	2	1	
<b>Sudden infant death syndrome (7980)</b>	101	65	1						6	2	31	26	6	1	1	
All other diseases	20	14	2	1	2	1	1		7	3	5	6	3	2		
<b>All accidents (E800-E949)</b>	4	10					2		3	1	1	2	2	1	3	
Motor vehicle accidents (E810-E825)	2	3							1							
Accidental drowning and submersion (E910)																
Inhalation of food or other object causing obstruction or suffocation (E911,E912)	1	1														
Mechanical suffocation in bed or cradle and in other and unspecified circumstances (E913)	3	1					1		1							
All other accidents	3	3					1		1							
<b>Homicide (E963-E968)</b>	2															
Injury undetermined whether accidentally or purposely inflicted (E980-988)			1													





# **MARRIAGES AND DISSOLUTIONS**

TABLE 1

MARRIAGES BY COUNTY OF MARRIAGE BY BRIDE AND GROOM AGE GROUP, WASHINGTON STATE 1983																		
COUNTY	TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	OTHER & UNKNOWN
STATE TOTAL	46,294	7	6,584	15,438	3,753	5,895	3,591	1,940	1,076	567	458	383	283	198	66	29	6	20
	46,294		2,114	13,967	11,278	7,025	4,409	2,623	1,616	986	718	634	392	247	165	68	29	23
ADAMS	BRIDE 126 GROOM 126		31 15	44 46	14 21	9 13	10 8	9 6	2 6	3 4	2 2		1 2		1 1			
ASOTIN	BRIDE 137 GROOM 137		29 10	45 43	27 27	12 23	7 8	4 12	4 4	2 2	1 2	1 2	3 3	1 1	1 2			
BENTON	BRIDE 1,234 GROOM 1,234		225 83	446 396	224 305	129 175	86 99	49 55	34 45	16 31	9 20	9 10	3 3	3 6	1 5			
CHELAN	BRIDE 648 GROOM 648		111 45	211 200	125 138	80 111	42 46	27 36	17 22	6 10	9 10	5 7	8 6	5 8	1 9			
CLALLAM	BRIDE 583 GROOM 583	1	103 40	185 152	105 143	61 102	48 47	24 25	18 25	9 3	10 12	6 9	3 14	3 5	2 2	1 3		
CLARK	BRIDE 3,879 GROOM 3,879		524 175	1,104 992	764 804	521 626	374 427	233 293	134 175	66 118	53 87	39 63	26 57	22 30	8 14	7 11		4
COLUMBIA	BRIDE 38 GROOM 38		9 2	10 10	6 10	4 5	2 2	2 2	1 1	1 1	1 1		1 1	1 1				
COWLITZ	BRIDE 836 GROOM 836		181 43	259 276	146 194	99 114	71 82	31 47	19 30	6 16	8 11	6 8	6 6	3 6	1 2	1 1		
DOUGLAS	BRIDE 169 GROOM 169		37 14	56 60	24 36	23 23	9 10	6 5	6 6	1 2	2 3	2 1	1 1	1 1				
FERRY	BRIDE 32 GROOM 32		8 1	10 9	5 13	4 3	2 3	1 3	1 1									
FRANKLIN	BRIDE 260 GROOM 260		55 28	96 86	45 60	25 27	14 14	8 17	1 9	2 3	8 3	1 8	1 5	1 1				
GARFIELD	BRIDE 22 GROOM 22		5 1	10 9	1 6	2 3	2 2	1 2			1 1							
GRANT	BRIDE 419 GROOM 419		101 35	135 148	77 83	32 52	29 35	17 26	9 9	4 7	7 6	4 9	2 5	1 2				
GRAYS HARBOR	BRIDE 657 GROOM 657		108 39	205 189	116 144	87 89	57 59	36 53	14 20	12 30	5 10	9 12	2 7	5 1	1 2			
ISLAND	BRIDE 496 GROOM 496		87 30	170 166	96 106	46 69	42 43	15 24	12 16	9 11	6 9	7 7	2 6	4 3	4 3			
JEFFERSON	BRIDE 226 GROOM 226		30 3	51 50	50 53	44 43	24 36	15 17	3 6	2 6	3 4	2 2	1 2	2 2				
KING	BRIDE 14,176 GROOM 14,176	1	1,316 332	4,635 3,700	3,518 3,965	2,041 2,375	1,181 1,521	592 808	316 512	162 296	133 230	123 191	90 109	45 67	12 41	7 17		4
KITSAP	BRIDE 1,883 GROOM 1,883		320 94	575 642	421 405	245 301	144 184	77 107	35 45	20 26	12 21	14 23	11 12	5 9	2 1			4
KITITAS	BRIDE 226 GROOM 226		22 15	95 65	38 54	30 36	13 20	8 9	8 9	2 6	2 2	5 2	1 6	1 1	1 3			4
KLICKITAT	BRIDE 184 GROOM 184		37 13	44 45	36 39	18 26	24 19	7 13	7 10	7 9	1 4	4 1	2 1	3 3	1 1			
LEWIS	BRIDE 648 GROOM 648	1	156 61	234 228	89 131	59 85	40 55	20 27	10 15	7 12	9 14	5 10	1 2	1 2	3 4	2 1		1
LINCOLN	BRIDE 66 GROOM 66		10 2	31 27	9 14	6 9	3 2	3 2	2 5	2 2	1 1	1 1						
MASON	BRIDE 316 GROOM 316		60 18	91 96	57 69	49 44	25 29	14 23	8 12	2 7	2 8	4 4	2 2	2 2	1 1			
OKANOGAN	BRIDE 323 GROOM 323	1	54 21	104 98	58 60	36 50	28 33	18 16	9 13	5 13	3 4	3 6	3 6	1 1	2 2			
PACIFIC	BRIDE 253 GROOM 253		37 16	82 67	40 62	33 30	16 24	14 12	9 14	7 7	7 7	1 6	3 3	2 2	4 4			
PEND OREILLE	BRIDE 91 GROOM 91		25 8	24 29	16 15	11 15	5 6	4 5	6 4	1 1	1 3	3 2	1 2					
PIERCE	BRIDE 5,731 GROOM 5,731		956 301	2,111 2,123	1,141 1,350	647 754	377 438	178 279	101 158	61 114	46 62	38 65	32 29	27 26	7 20	3 8		6
SAN JUAN	BRIDE 161 GROOM 161		7 1	20 16	42 36	42 47	24 34	3 10	3 9	3 6	1 1	1 1						
SKACIT	BRIDE 837 GROOM 837		132 49	259 267	166 173	112 114	68 77	37 55	23 37	11 21	6 12	6 11	9 10	6 4	1 5			1
SKAMANIA	BRIDE 118 GROOM 118		22 5	22 24	17 20	16 17	12 17	8 5	4 8	3 3	2 3	1 7	4 2	4 5	1 1			
SHOENISH	BRIDE 3,260 GROOM 3,260	1	486 155	1,138 970	640 813	391 474	224 312	161 186	81 123	41 66	35 49	21 34	19 25	12 18	4 7	2 5		2
SPOKANE	BRIDE 3,128 GROOM 3,128	1	447 153	1,183 1,087	672 773	358 455	205 258	95 138	53 88	31 52	32 39	18 33	14 21	12 10	6 10	1 5		2
STEVENS	BRIDE 202 GROOM 202		45 18	64 67	24 36	26 20	14 21	12 11	5 6	4 12	2 2	3 6	3 2	1 1				
THURSTON	BRIDE 1,368 GROOM 1,368		205 73	456 412	260 308	178 203	116 121	57 91	34 55	21 31	5 23	16 21	9 8	6 11	2 4	1 4		1
WANKIAKUM	BRIDE 41 GROOM 41		13 5	10 13	4 9	6 7	4 1	2 2	2 2	1 1								
WALLA WALLA	BRIDE 578 GROOM 578	1	91 34	182 169	122 137	55 85	46 51	39 40	16 24	6 7	10 8	3 10	3 3	3 3	1 3			
WHATCOM	BRIDE 1,072 GROOM 1,072		152 50	362 321	224 250	141 167	80 101	43 66	25 41	20 22	6 15	7 15	2 10	9 7	1 1			
WHITMAN	BRIDE 180 GROOM 180		23 7	82 69	31 50	22 18	9 15	3 6	4 4	1 3	1 1	1 2	1 2	2 2				
YAKIMA	BRIDE 1,690 GROOM 1,690		323 119	596 600	287 365	195 217	111 152	72 89	33 46	19 22	19 29	14 16	12 14	4 11	5 6			



TABLE 2

## DISSOLUTIONS, ANNULMENTS, AND SEPARATE MAINTENANCE BY COUNTY OF DECREE, WASHINGTON STATE 1983

COUNTY OF DECREE	TOTAL	DISSOLUTION	ANNULMENT	SEPARATE MAINTENANCE	NOT STATED
STATE TOTAL	27,503	27,299	151		53
ADAMS	61	60	1		
ASOTIN	116	116			
BENTON	691	691			
CHELAN	407	403	4		
CLALLAM	308	305	3		
CLARK	1,309	1,304	4		1
COLUMBIA	26	26			
COWLITZ	593	590	3		
DOUGLAS	39	39			
FERRY	21	21			
FRANKLIN	283	282	1		
GARFIELD	12	12			
GRANT	325	322	3		
GRAYS HARBOR	462	458	1		3
ISLAND	287	286	1		
JEFFERSON	110	110			
KING	8,582	8,509	42		31
KITSAP	890	889	1		
KITTITAS	104	104			
KLICKITAT	98	97	1		
LEWIS	380	377	2		1
LINCOLN	55	54	1		
MASON	170	168	2		
OKANOGAN	181	181			
PACIFIC	106	101	4		1
PEND OREILLE	44	44			
PIERCE	3,639	3,617	22		
SAN JUAN	37	36			1
SKAGIT	499	496	3		
SKAMANIA	53	50	3		
SNOHOMISH	2,153	2,136	14		3
SPOKANE	2,237	2,212	15		10
STEVENS	176	174	2		
THURSTON	958	950	8		
WAKIACUM	28	27	1		
WALLA WALLA	301	296	3		2
WHATCOM	632	630	2		
WHITMAN	98	97	1		
YAKIMA	1,032	1,029	3		

TABLE 3

## DISSOLUTIONS BY TOTAL LIVING CHILDREN BY PLACE OF RESIDENCE, WASHINGTON STATE 1983\*

COUNTY OF DECREE	TOTAL	NUMBER OF CHILDREN									EIGHT OR MORE	NOT STATED
		0	1	2	3	4	5	6	7			
STATE TOTAL	27,299	11,100	5,461	5,098	1,789	622	200	84	36	20	2,889	
ADAMS	60	22	16	9	5	2	2		1		3	
ASOTIN	116	48	28	23	9	5	2	1				
BENTON	691	296	137	156	45	29	1	1	1		25	
CHELAN	403	188	84	80	27	3	3		1		17	
CLALLAM	305	118	79	69	20	4	2		1		12	
CLARK	1,304	541	275	295	104	37	5	1	3	1	42	
COLUMBIA	26	12	5	7	2							
COWLITZ	590	234	121	143	43	17	4	2		2	24	
DOUGLAS	39	21	10	6	1						1	
FERRY	21	7	6	5		1					2	
FRANKLIN	282	128	61	39	29	11	5	1	1		7	
GARFIELD	12	6		4		1					1	
GRANT	322	111	77	72	26	12	6	3			15	
GRAYS HARBOR	458	150	115	95	35	17	4	3		1	38	
ISLAND	286	128	71	49	20	8	1	2			7	
JEFFERSON	110	48	21	18	8	4	1	2	2		6	
KING	8,509	3,674	1,563	1,369	478	168	55	22	11	8	1,161	
KITSAP	889	379	214	179	61	14	4		1		37	
KITTITAS	104	50	20	19	12						3	
KLICKITAT	97	37	16	25	11	3	1				4	
LEWIS	377	141	91	86	30	7	6	1			15	
LINCOLN	54	17	8	18	5	3	1		1		1	
MASON	168	70	43	29	12	5	3	1			5	
OKANOGAN	181	62	36	54	14	6	2	1	1		5	
PACIFIC	101	39	21	24	9	2	1	1			4	
PEND OREILLE	44	16	7	12	5		1				3	
PIERCE	3,617	1,514	841	751	269	80	31	10	2	1	118	
SAN JUAN	36	18	9	4	3		1				1	
SKAGIT	496	203	113	104	45	13	4	1			13	
SKAMANIA	50	23	12	10	3			1		1		
SNOHOMISH	2,136	490	222	217	58	27	9	3	1		1,109	
SPOKANE	2,212	997	474	439	158	49	10	10	3		72	
STEVENS	174	62	38	38	19	5	3	2			7	
THURSTON	950	379	194	219	63	28	8	4	3	1	51	
WAHIAKUM	27	11	5	7	2		1				1	
WALLA WALLA	296	125	63	64	23	6	2	3	1	2	7	
WHATCOM	630	251	133	138	45	17	7	1		1	37	
WHITMAN	97	52	13	18	7	5					2	
YAKIMA	1,029	432	219	204	83	33	14	7	2	2	33	

\*INCLUDES ALL LIVING CHILDREN REGARDLESS OF AGE

TABLE 4

## DISSOLUTIONS BY COUNTY OF DIVORCE BY HUSBAND AND WIFE AGE GROUP, WASHINGTON STATE 1983

COUNTY		TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	OTHER
STATE TOTAL	WIFE HUSBAND	27,299 27,299	5 67	408 2,474	4,137 2,474	5,644 5,096	4,816 5,081	3,741 4,113	2,230 2,877	1,169 1,725	687 1,037	420 670	265 409	115 201	58 97	29 50	4 26	6 12	3,559 3,364	
ADAMS	WIFE HUSBAND	60 60		2 4	5 15	16 10	11 14	12 14	2 1	1 2	1 5	2 4	2 4						2 5	
ASOTIN	WIFE HUSBAND	116 116		3 8	13 29	36 29	20 16	16 16	12 14	6 9	2 5	2 4	2 3	1 1	1 1				3 2	
BENTON	WIFE HUSBAND	691 691	1	8 77	137 144	160 149	121 99	107 99	72 84	25 49	18 33	12 20	8 14	5 3	1 1		2		16 14	
CHELAN	WIFE HUSBAND	403 403		6 4	74 39	94 94	80 81	70 63	35 44	16 33	8 12	7 13	6 8		7 7				7 5	
CLALLAM	WIFE HUSBAND	305 305		7 2	58 32	65 61	51 51	43 51	30 30	18 28	3 5	5 7	5 6	3 6	3 4	2 2	2		12 13	
CLARK	WIFE HUSBAND	1,304 1,304	1	18 4	206 111	287 244	266 266	208 237	115 177	63 109	41 53	17 25	13 27	6 9	5 3	1 6	1 1		56 46	
COLUMBIA	WIFE HUSBAND	26 26		1 2	7 8	6 5	4 2	5 2	2 4	2 2	1 1	1 1							22 15	
COWLITZ	WIFE HUSBAND	590 590		18 1	117 86	124 111	126 126	82 80	47 80	24 30	12 28	11 23	6 4	5 5	1 1				22 15	
DOUGLAS	WIFE HUSBAND	39 39		2 5	7 6	7 6	7 5	4 5	2 1	1 2	1 1	2 1	2 2						6 7	
FERKY	WIFE HUSBAND	21 21		1	1	1	3	1	3	2	3								11 11	
FRANKLIN	WIFE HUSBAND	282 282		5 1	65 37	47 53	49 56	52 44	19 30	14 13	12 15	2 2	3 3	1 1	1 2				13 11	
GARFIELD	WIFE HUSBAND	12 12		1 1	1 1	1 1	5 3	1 4	1 1	1 1	1 1	1 1	1 1						1 1	
GRANT	WIFE HUSBAND	322 322		12 2	49 37	62 60	63 60	55 54	26 37	18 23	7 15	4 7	3 6	1 4	1 1				2 15	
GRAYS HARBOR	WIFE HUSBAND	458 458		5 1	92 52	96 86	74 95	45 47	36 41	18 21	12 19	4 16	4 6	2 2	3 5	1 1			66 66	
ISLAND	WIFE HUSBAND	286 286		14	75 66	61 65	45 49	31 36	24 21	13 20	6 13	2 3	1 2	1 3	1 1				8 8	
JEFFERSON	WIFE HUSBAND	110 110		1 8	20 8	18 15	27 25	14 21	11 16	3 6	4 4	5 5	2 4						5 3	
KING	WIFE HUSBAND	8,509 8,509	1	76 12	997 533	1,688 1,480	1,544 1,597	1,220 1,371	725 914	395 567	238 350	129 217	83 127	28 57	20 27	6 11	4		1,357 1,240	
KITSAP	WIFE HUSBAND	889 889		18 7	189 108	231 219	146 173	128 140	75 98	30 59	16 18	12 18	6 5	1 4	1 2	1 3	2		35 33	
KITTITAS	WIFE HUSBAND	104 104		2 11	15 11	26 25	13 21	13 19	11 12	4 4	3 3	3 3	2 3						2 3	
KLICKEITAT	WIFE HUSBAND	97 97		2 10	15 10	12 12	20 17	16 13	9 7	2 1	4 3	3 3	3 4	1 4	1 2				4 1	
LEWIS	WIFE HUSBAND	377 377		9 39	55 72	76 72	56 72	53 43	20 31	11 27	8 6	1 11	4 4	1 4	2 1				78 64	
LINCOLN	WIFE HUSBAND	54 54		2 1	10 5	10 9	10 10	9 7	10 7	5 8	1 5	1 1	1 1	1 1	1 1				5 6	
MASON	WIFE HUSBAND	168 168		2 18	25 18	28 23	40 43	23 25	17 19	9 15	5 8	3 7	6 4	2 1	1 1				8 4	
OKANOGAN	WIFE HUSBAND	181 181		1 18	34 18	40 37	33 38	29 32	11 16	9 13	7 4	5 4	5 9	1 1			2		9 8	
PACIFIC	WIFE HUSBAND	101 101		1 9	12 9	23 18	19 19	19 18	7 11	3 9	3 6	2 5	2 2	1 1					7 5	
PEND OREILLE	WIFE HUSBAND	44 44		1 7	8 4	7 4	2 4	17 11	4 3	3 1	3 2		1 1	1 1					4 4	
PIERCE	WIFE HUSBAND	3,617 3,617	1	72 12	688 460	877 826	636 689	494 538	283 374	168 197	76 142	62 82	23 45	18 32	9 9	3 5	1 3		206 203	
SAN JUAN	WIFE HUSBAND	36 36		2 36	4 5	6 5	11 10	3 9	4 1	3 3	1 1	1 1	1 1	1 1					3 3	
SKAGIT	WIFE HUSBAND	496 496		9 51	86 92	96 92	90 92	69 72	46 61	28 37	17 28	11 23	5 4	5 2	6 2	1 2	1		33 25	
SKAMANIA	WIFE HUSBAND	50 50		2 8	11 8	8 8	11 11	2 9	9 3	4 5	3 2	2 2	2 2						7 5	
SNOHOMISH	WIFE HUSBAND	2,136 2,136		13 3	175 96	253 217	209 218	166 180	92 137	37 62	36 39	16 24	17 16	3 9	3 5	3 1	1		1,127 1,130	
SPOKANE	WIFE HUSBAND	2,212 2,212	1	40 5	405 238	534 489	416 436	280 349	186 224	100 155	64 77	40 64	29 34	14 23	4 10	3 5	1 3	1	95 99	
STEVENS	WIFE HUSBAND	174 174		5 11	23 11	24 16	31 34	28 22	20 26	8 15	2 5	2 3	1 4		1				30 37	
THURSTON	WIFE HUSBAND	950 950		18 2	156 91	184 176	179 193	146 143	79 106	40 68	27 44	18 22	9 11	3 4	1 3	2 1	3		87 79	
WAKIACUM	WIFE HUSBAND	27 27			4 4	4 4	7 9	4 4	5 3	1 2	1 3	1 2	2 2						2	
WALLA WALLA	WIFE HUSBAND	296 296		5 4	39 17	69 63	52 58	41 51	25 28	13 22	12 15	7 3	5 8	1 5	1 4	1 1			24 17	
WHATCOM	WIFE HUSBAND	630 630		7 8	81 56	123 89	118 119	76 103	48 56	20 27	11 20	9 8	8 14	3 6	4 8	3 3			122 121	
WHITMAN	WIFE HUSBAND	97 97		2 8	12 8	29 19	14 22	19 14	12 17	2 11	1 2	1 1	1 1						5 3	
YAKIMA	WIFE HUSBAND	1,029 1,029		19 5	177 118	217 204	199 191	137 157	100 119	42 67	30 41	14 25	6 19	10 7	3 6	3 3	1 1	4	71 60	



# APPENDIX

## APPENDIX A

### DEFINITIONS

#### GENERAL TERMS

**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 greater than twenty weeks.

**GESTATIONAL PERIOD** - Number of weeks elapsed between the first day of the last menstrual period and date of delivery.

**INFANT DEATH** - Death of an infant 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.

**NEONATAL DEATH** - Death of an infant within the first 27 days of life.

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

**PERINATAL DEATH** - Stillbirths plus deaths to infants within the first six days of life.

**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 decedent (deaths), or by place of residence of the child's mother (births, stillbirths).

### RATES AND RATIOS

Rates are calculated by dividing the event of concern by the population at risk or a related population and multiplying by a constant. Death rates from all causes and live births are expressed in terms of 1,000 estimated population; deaths from a specific cause are based on 100,000 estimated population. Additionally, maternal deaths are calculated per 10,000 live births; fetal death ratios and infant and neonatal death rates are calculated per 1,000 live births.

AGE-SPECIFIC DEATH RATE - Number of deaths in a specific age group per 100,000 population in that age group.

CAUSE-SPECIFIC DEATH RATE - Number of deaths from a specific cause per 100,000 population.

(CRUDE) BIRTH RATE - Number of live births per 1,000 population.

(CRUDE) DEATH RATE - Number of deaths per 1,000 population.

FERTILITY RATE - Number of live births per 1,000 women, 15-44 years of age.

FETAL DEATH RATIO - Number of stillbirths per 1,000 live births.

INFANT DEATH RATE - Number of infant deaths per 1,000 live births.

MATERNAL DEATH RATE - Number of maternal deaths per 10,000 live births.

NEONATAL DEATH RATE - Number of neonatal deaths per 1,000 live births.

PERINATAL DEATH RATE - Number of perinatal deaths per 1,000 live births plus fetal deaths.

## APPENDIX B

### TECHNICAL NOTES

#### RELIABILITY OF THE DATA

In analyzing any data, the possibility of errors in the data must not be overlooked. There are several types of possible errors, including under-registration, errors made by the informant, and errors in compilation and processing. The most potentially dangerous error, however, is probably that of improper interpretation.

Statistics are neither more true nor false than the interpretation given to them. It should be emphasized that most of the rates computed in this report are crude rates. For comparing geographic areas, crude rates are limited. They do not reflect differences in age, sex, race, and other population characteristics. In addition, it is important to recognize the possible distortion in these rates where the number of events or the population is small. Minor variations in the number of events may result in major changes in the rates. Special caution should also be exercised in analyzing trend data, because of changes throughout the years in medical diagnosis, coding definitions, and registration coverage.

#### COLLECTION YEAR

Data for the Vital Statistics summary are compiled from items on birth, death, marriage, and divorce certificates (see Appendix F for samples) received before April 15, 1984. Washington State is a member of the interstate exchange and receives birth and death certificates of residents who have died in other states. Out-of-State marriage and divorce certificates are not exchanged; therefore, only occurrence data are obtainable.

#### POPULATION

Population data in this report are an estimate of population provided by the Washington State Office of Financial Management, April 1, 1983.

#### CAUSE OF DEATH CLASSIFICATION

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



## RACE

The determination of race on birth and death certificates follows decision rules established by the National Center for Health Statistics (NCHS).

If more than one race is listed and one is Hawaiian, Hawaiian is preferred. In cases of other non-white races, the first non-white race listed is preferred, except in instances where one of the races is Black. In this latter case Black is preferred.

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

1. If either parent is Hawaiian, then the child's race is considered Hawaiian.
2. If neither parent is Hawaiian, and either parent is Black, then the child's race is determined to be Black.
3. In other cases where one parent is white and the other non-white, the non-white race is selected as the race of the child.
4. If both parents are non-white, the father's race is selected except where the mother's race is Hawaiian or Black.

## ROUNDING

Rates are rounded to the nearest tenth. When the rate or percent is less than one-tenth, the entry is 0. Where whole numbers are used, a blank indicates none or zero.

## OCCURRENCE DATA

Occurrence death data are limited in two ways. As the death certificate does not specify inside or outside of corporate limits for place of death, rural deaths may be incorrectly assigned to cities because the location of death was in close proximity to a city. Informants often are unaware of city boundaries. Further, death certificates indicating trauma report the location of death not the location where the injury occurred. Transportation of victims to hospitals may also incorrectly assign rural accidents to cities. This could result in an improper interpretation of an excess of urban as compared to rural accidents.

Data concerning type of place of accident, see Table 18, are gathered from the accident portion of the death certificate according to rules established by the National Safety Council. Table 18 shows the type of place where the accident occurred not the location. Agriculture deaths include deaths occurring at work in fishing, timber, and farming industries.

APPENDIX C

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CONVERSION OF BIRTHWEIGHT GROUPS IN GRAMS  
TO POUNDS AND OUNCES

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GRAMWEIGHT	POUNDS AND OUNCES
1,000 grams and under	2 lbs. 3 oz. and less
1,001 - 1,500	2 lbs. 4 oz. - 3 lbs. 4 oz.
1,501 - 2,000	3 lbs. 5 oz. - 4 lbs. 6 oz.
2,001 - 2,500	4 lbs. 7 oz. - 5 lbs. 8 oz.
2,501 - 3,000	5 lbs. 9 oz. - 6 lbs. 9 oz.
3,001 - 3,500	6 lbs. 10 oz. - 7 lbs. 11 oz.
3,501 - 4,000	7 lbs. 12 oz. - 8 lbs. 13 oz.
4,001 - 4,500	8 lbs. 14 oz. - 9 lbs. 14 oz.
4,501 grams and over	9 lbs. 15 oz. and over

---

One pound = 453.59 grams

## APPENDIX D

POPULATION OF THE STATE OF WASHINGTON  
 BY AGE GROUP, BY SEX, APRIL 1, 1983

AGE GROUP	TOTAL	MALE	FEMALE
TOTAL	4,285,100	2,129,008	2,156,092
UNDER 1 YR	69,529	35,571	33,958
1 - 4	266,471	136,611	129,860
5 - 14	613,121	314,076	299,045
15 - 24	721,002	370,245	350,757
25 - 34	788,256	399,445	388,811
35 - 44	572,014	289,603	282,411
45 - 54	394,832	198,109	196,723
55 - 64	388,038	186,081	201,957
65 - 74	286,087	131,045	155,042
75 - 84	141,480	55,350	86,130
85 AND OVER	44,270	12,872	31,398

APPENDIX E

POPULATION, STATE OF WASHINGTON, COUNTIES AND  
CITIES OF 10,000 POPULATION AND OVER, APRIL 1, 1983

	CITY TOTAL	COUNTY TOTAL		CITY TOTAL	COUNTY TOTAL
ADAMS		13,600	KITTITAS		24,900
ASOTIN		16,800	ELLENSBURG	11,550	
BENTON		108,700	KLICKITAT		16,300
KENNEWICK	35,700		LEWIS		56,000
RICHLAND	32,000		CENTRALIA	11,700	
CHELAN		46,500	LINCOLN		9,600
WENATCHEE	17,150		MASON		33,600
CLALLAM		52,200	OKANOGAN		31,500
PORT ANGELES	17,100		PACIFIC		17,600
CLARK		200,000	PEND OREILLE		8,900
VANCOUVER	42,600		PIERCE		507,000
COLUMBIA		4,000	PUYALLUP	18,550	
COWLITZ		79,300	TACOMA	158,400	
KELSO	11,000		SAN JUAN		8,700
LONGVIEW	30,000		SKAGIT		66,100
DOUGLAS		22,400	MOUNT VERNON	13,600	
FERRY		6,100	SKAMANIA		7,800
FRANKLIN		36,000	SNOHOMISH		360,900
PASCO	19,100		EDMONDS	27,000	
GARFIELD		2,400	EVERETT	56,200	
GRANT		49,100	LYNNWOOD	23,000	
MOSES LAKE	10,300		MOUNTLAKE TERRACE	16,000	
GRAYS HARBOR		65,800	SPOKANE		348,000
ABERDEEN	18,050		SPOKANE (CITY)	170,200	
ISLAND		47,000	STEVENS		29,700
OAK HARBOR	12,150		THURSTON		133,500
JEFFERSON		16,800	LACEY	14,030	
KING		1,315,800	OLYMPIA	28,000	
AUBURN	29,000		WAHKIAKUM		3,700
BELLEVUE	73,900		WALLA WALLA		48,200
DES MOINES	10,250		WALLA WALLA (CITY)	25,600	
KENT	25,500		WHATCOM		112,100
KIRKLAND	18,850		BELLINGHAM	45,900	
MERCER ISLAND	21,150		WHITMAN		39,900
REDMOND	26,300		PULLMAN	23,000	
RENTON	32,700		YAKIMA		177,000
SEATTLE	489,700		YAKIMA (CITY)	48,500	
KITSAP		161,600	STATE TOTAL		4,285,100
BREMERTON	35,475				

OFFICE  
USE ONLY

DISTRICT

COPIES

HOSPITAL

CURRENCY

EVIDENCE

HACT

DEPARTMENT

DATE

TIME

CAUSE

OF

DEATH

IF ANY WHICH GAVE RISE TO

IMMEDIATE CAUSE STATING UNDERLYING

CAUSE LAST.

FOR STATE

REGISTRAR

USE ONLY

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES  
VITAL RECORDS

CERTIFICATE OF DEATH

LOCAL FILE NUMBER

146-8

STATE FILE NUMBER

1. NAME - FIRST, MIDDLE, LAST		2. SEX	3. DEATH DATE (MO DAY YR)		146-8	
4. RACE (WHITE, BLACK, AM. IND. ETC. SPECIFY)		5. AGE - LAST BIRTHDAY (YRS)		6. UNDER 1 YEAR	7. UNDER 1 DAY	8. BIRTHDATE (MO DAY YR)
10. CITY, TOWN OR LOCATION OF DEATH			11. PLACE OF DEATH - <input checked="" type="checkbox"/> BOX FOR PLACE THEN GIVE ADDRESS OR INSTITUTION NAME 0. <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 1. <input type="checkbox"/> OTHER PLACE			12. RECEIVED EMERGENCY G AMBULANCE, FIRETR, PARAM YES/ 17. WAS DECEDENT EVER IN U.S. ARMED FORCES?(YES//
13. BIRTH STATE (IF NOT IN USA GIVE COUNTRY)	14. CITIZEN OF WHAT COUNTRY	15. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED		16. SPOUSE (IF WIFE GIVE MAIDEN NAME)		17. WAS DECEDENT EVER IN U.S. ARMED FORCES?(YES//
18. SOCIAL SECURITY NO.		19. USUAL OCCUPATION (GIVE KIND OF WORK DONE DURING MOST OF WORKING LIFE EVEN IF RETIRED.)			20. KIND OF BUSINESS OR INDUSTRY	
21. RESIDENCE - NUMBER AND STREET		22. CITY/TOWN, OR LOCATION		23. INSIDE CITY LIMITS?(YES/NO)	24. COUNTY	25. STATE
26. FATHER - NAME FIRST, MIDDLE, LAST			27. MOTHER - MAIDEN NAME FIRST, MIDDLE, LAST			
28. INFORMANT - NAME		29. MAILING ADDRESS		STREET OR RFD NO.	CITY OR TOWN	STATE ZIP
30. BURIAL, CREMATION, REMOVAL OTHER (SPECIFY)		31. DATE (MO DAY YR)	32. CEMETERY/CREMATORY - NAME		33. LOCATION - CITY/TOWN, STATE	
34. FUNERAL DIRECTOR SIGNATURE X		35. NAME OF FACILITY		36. ADDRESS OF FACILITY		
TO BE COMPLETED ONLY BY CERTIFYING PHYSICIAN				TO BE COMPLETED ONLY BY MEDICAL EXAMINER OR CORONER		
37. TO THE BEST OF MY KNOWLEDGE, DEATH OCCURRED AT THE TIME, DATE, AND PLACE AND DUE TO THE CAUSE(S) STATED. SIGNATURE AND TITLE X				41. ON THE BASIS OF EXAMINATION AND/OR INVESTIGATION, IN MY OPINION DEATH OCCURRED THE TIME, DATE AND PLACE AND DUE TO THE CAUSE(S) STATED. SIGNATURE AND TITLE X		
38. DATE SIGNED (MO DAY YR)		39. HOUR OF DEATH (24 HRS)		42. DATE SIGNED (MO DAY YR)		43. HOUR OF DEATH (24 HRS)
40. NAME AND TITLE OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (TYPE OR PRINT)				44. PRONOUNCED DEAD (MO DAY YR)		45. HOUR PRONOUNCED DEA (24 HR)
46. NAME AND ADDRESS OF CERTIFIER - PHYSICIAN, MEDICAL EXAMINER OR CORONER (TYPE OR PRINT)						
47. IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (A), (B) and (C))						
(A) DUE TO, OR AS A CONSEQUENCE OF:					INTERVAL BETWEEN ONSET AND DEATH	
(B) DUE TO, OR AS A CONSEQUENCE OF:					INTERVAL BETWEEN ONSET AND DEATH	
(C)					INTERVAL BETWEEN ONSET AND DEATH	
48. OTHER SIGNIFICANT CONDITIONS-CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN ABOVE.				49. AUTOPSY? (YES/NO)		50. WAS CASE REFERRED TO MEDICAL EXAMINER OR CORONER? (YES/NO)
51. ACC., SUICIDE, HOM., UNDET., OR PENDING INVEST. (SPECIFY)		52. INJURY DATE (MO DAY YR)	53. HOUR OF INJURY (24 HRS.)	54. DESCRIBE HOW INJURY OCCURRED.		
55. INJURY AT WORK? (YES/NO)		56. PLACE OF INJURY - AT HOME, FARM, STREET, FACTORY, OFFICE BLDG. ETC. (SPECIFY)		57. LOCATION - STREET OR RFD NO., CITY/TOWN, STATE		
58. REGISTRAR SIGNATURE X						59. DATE RECEIVED (MO DAY YR)
ITEM		DOCUMENTARY EVIDENCE:		REVIEWED BY:	DATE:	ITEM
		DOCUMENTARY EVIDENCE:		REVIEWED BY:	DATE:	

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES  
VITAL RECORDS

CERTIFICATE OF FETAL DEATH

146-8

OFFICE USE ONLY  
1 DISTRICT  
2 COPIES  
3 HOSPITAL  
4 OCCUR  
RESID.  
TRACT  
QUERIES  
F-OCCUP  
M-OCCUP  
MALFORM

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

LOCAL FILE NUMBER		STATE FILE NUMBER	
NAME—FIRST		MIDDLE	LAST
2 SEX		3 DELIVERY DATE (Mo-Day-Yr)	
4 HOUR (24 Hr. Day)			
5 PLACE OF DELIVERY (Circle or X) 1 Hospital 3 Birth Center 5 Home 2 Enroute 4 Oth Med Facil. 6 Other		6 FACILITY NAME (Address if not Facility)	
7 CITY/TOWN/LOCATION		8 COUNTY OF DELIVER	
9 PART I. [ENTER ONLY ONE CAUSE PER LINE FOR (A), (B), AND (C)] --Fetal or Maternal condition directly causing fetal death Fetal and/or Maternal conditions, if any, giving rise to the immediate cause (A) stating the underlying cause last			10 SPECIFY FETAL OR MATERNAL
A IMMEDIATE CAUSE			
B DUE TO, OR AS A CONSEQUENCE OF:			
C DUE TO, OR AS A CONSEQUENCE OF:			
11 PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to Fetal Death but not related to cause given in Part I(A)			12 FETUS DIED (Circle or X) 1 Before Labor 2 During Labor 3 During Delivery 4 Unknown
			13 AUTOPSY
14 THE ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF SIGNATURE X		15 DATE (Mo-Day-Yr)	
17 NAME, TITLE (TYPE OR PRINT)		16 NAME, TITLE ATTENDANT AT DELIVERY IF OTHER THAN CERTIFIER (TYPE OR PRINT)	
19 NAME, FIRST		MIDDLE	LAST
20 AGE (At Time This Delivery)		21 BIRTH STATE (If not give Country)	
22 NAME, FIRST		MIDDLE	LAST (Maiden)
23 AGE (At Time this Delivery)		24 BIRTH STATE (If not give Country)	
25 RESIDENCE (Number and Street)		26 CITY/TOWN/LOCATION	
27 INSIDE CITY LIMITS (Y/N)		28 COUNTY	
29 STATE			
30 BURIAL, CREMATION, REMOVAL, OTHER (Specify)		31 DATE (Mo-Day-Yr)	
32 CEMETERY/CREMATORY—NAME		33 LOCATION—CITY/TOWN, STATE	
34 FUNERAL DIRECTOR SIGNATURE X		35 NAME OF FACILITY	
36 ADDRESS OF FACILITY			
37 REGISTRAR SIGNATURE X		38 DATE RECEIVED BY REGISTRAR (Mo-Day)	
FOR STATE REGISTRAR		DA	
ITEM DOCUMENTARY EVIDENCE: DSHS 9-195 (Rev. 1-70)		REVIEWED BY: DATE: ITEM DOCUMENTARY EVIDENCE: REVIEWED BY: DA	

SAMPLE COPY

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

39 RACE (White, Black, Am Ind Etc. Specify)		40 USUAL OCCUPATION (Kind of Work Done During Most of Working Life)		41 KIND OF BUSINESS OR INDUSTRY		42 EDUCATION—Highest Grade Completed (0-16)	
43 RACE (White, Black, Am Ind Etc. Specify)		44 USUAL OCCUPATION (Kind of Work Done During Most of Working Life)		45 KIND OF BUSINESS OR INDUSTRY		46 EDUCATION—Highest Grade Completed (0-16)	
47 AMNIOCENTESIS (Circle or X) 0 Not Done 1 1st Trimester 2 2nd Trimester 3 3rd Trimester		48 IS MOTHER MARRIED (Yes/No)					
49 DATE LAST NORMAL MENSES BEGAN (Mo-Day-Yr)		50 MONTH OF PREGNANCY PRENATAL CARE BEGAN (First, Second, Third, Etc.)		51 TOTAL NUMBER OF PRENATAL VISITS (IF NONE ENTER 0)		52 TOTAL PRIOR PREG. (Do Not Include This Preg) IF NONE ENTER 0	
				53 PRIOR LIVE BIRTHS IF NONE ENTER 0		54 PRIOR FETAL DEATH (Do Not Include Induced Abortions or This Deliv IF NONE ENTER 0)	
				NOW LIVING		NOW DEAD	
				BEFORE 20 WEEKS		20 WEEKS AFTER	
55 FETUS WEIGHT (If known, specify)		56 THIS FETUS (Single, Twin, Etc., Specify)		57 IF NOT SINGLE (Born First, Second, Etc., Specify)		58 LAST PRIOR PREG. (Mo-Yr)	
59 LAST LIVE BIRTH (Mo-Yr)		60 LAST FETAL DEATH (Mo-Yr)					

61 CONGENITAL MALFORMATIONS OR ANOMOLIES OF FETUS (DESCRIBE OR WRITE NONE)

CIRCLE OR X ALL CODES THAT APPLY IN EACH COLUMN

62 COMPLICATIONS NOT RELATED TO PREG.		63 COMPLICATIONS RELATED TO PREG.		64 COMPLICATIONS OF LABOR		65 METHOD OF DELIVERY		66 BIRTH INJURIES/ DISEASES OF FETUS		67 (USE THIS SPACE TO SPECIFY OTHER)	
0 NONE		0 NONE		0 NONE		0 SPONTANEOUS		0 NONE			
1 DIABETES		1 PRE-ECLAMPSIA		1 ABRUPTIO PLACENTA		1 VACUUM EXTRACTED		1 FETAL HEMORRHAGE			
2 HEART DIS (Symptomatic)		2 ECLAMPSIA		2 PLACENTA PREVIA		2 LOW FORCEPS		2 PLACENTA AND CORD CONDITIONS			
3 CHRONIC HYPERTENSION		3 RH SENSITIZATION		3 CORD (Prolapse)		3 OTHER FORCEPS PROCEDURE		3 SEPSIS (Documented)			
4 CHRONIC RENAL DISEASE		4 SYPHILIS		4 MATERNAL HYPOTENS/ SHOCK		4 PRIMARY C-SECTION		4 MATERNAL CONDITIONS AFFECTING FETUS			
5 ACUTE URINARY TRACT INFECTION		5 HERPES		5 PROLONGED LABOR		5 REPEAT C-SECTION		5 JAUNDICE (Bill > 10)			
6 SURGERY (Abdom/Pelvic)		6 RUBELLA		6 INTRAPARTUM FEVER AMNIONITIS		6 VERSION & EXTRACTION		6 ASPHYXIA			
7 TUMOR		7 ANEMIA (HGB < 10 GM HCT < 30%)		7 LACERATION 3"/4"		7 LABOR INDUCED		7 HEMOLYTIC DISEASE			
8 EPILEPSY		8 HEMORRHAGE OF PREG		8 BREECH		8		8 FRACTURED CLAVICLE			
9 OTHER (Specify)		9 OTHER (Specify)		9 OTHER (Specify)		9 OTHER (Specify)		9 OTHER (Specify)			

OFFICE USE ONLY  
STRICT

CERTIFICATE OF LIVE BIRTH 146-8

LOCAL FILE NUMBER \_\_\_\_\_ STATE FILE NUMBER \_\_\_\_\_

**CHILD**

1. NAME - FIRST, MIDDLE, LAST \_\_\_\_\_ 2. SEX \_\_\_\_\_ 3. BIRTHDATE (MO-DAY-YR) \_\_\_\_\_ 4. HOUR (24 HR. DAY) \_\_\_\_\_

5. BIRTHPLACE TYPE (X BOX THUS ☐) \_\_\_\_\_ 6. FACILITY NAME/ADDRESS IF NOT FACILITY \_\_\_\_\_ 7. CITY/TOWN/LOCATION \_\_\_\_\_ 8. BIRTH COUNTY \_\_\_\_\_ **M**

1. HOSPITAL  3. BIRTH CENTER  5. HOME  
 2. ENROUTE  4. OTH. MED. FACIL.  6. OTHER

9. THE ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF (SIGNATURE AND TITLE) \_\_\_\_\_ 10. DATE (MO-DAY-YR) \_\_\_\_\_ 11. NAME, TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER (TYPE OR PRINT) \_\_\_\_\_

**CERTIFIER**

12. NAME, TITLE (TYPE OR PRINT) \_\_\_\_\_ 13. MAILING ADDRESS (STREET/BOX NO. CITY, STATE, ZIP) \_\_\_\_\_

**FA**

14. NAME - FIRST, MIDDLE, LAST \_\_\_\_\_ 15. AGE (AT TIME THIS BIRTH) \_\_\_\_\_ 16. BIRTH STATE (IF NOT USA GIVE COUNTRY) \_\_\_\_\_

**MOTHER**

17. NAME - FIRST, MIDDLE, LAST (MAIDEN) \_\_\_\_\_ 18. AGE (AT TIME THIS BIRTH) \_\_\_\_\_ 19. BIRTH STATE (IF NOT USA GIVE COUNTRY) \_\_\_\_\_

20. RESIDENCE (NUMBER AND STREET) \_\_\_\_\_ 21. CITY/TOWN/LOCATION \_\_\_\_\_ 22. INSIDE CITY LIMIT (YES/NO) \_\_\_\_\_ 23. COUNTY \_\_\_\_\_ 24. STATE \_\_\_\_\_

25. MOTHERS MAILING ADDRESS (IF SAME AS ABOVE ENTER ZIP ONLY) \_\_\_\_\_ ZIP \_\_\_\_\_

26. NAME OF INFORMANT (TYPE OR PRINT) \_\_\_\_\_ 27. RELATION TO CHILD \_\_\_\_\_

28. REGISTRAR (SIGNATURE) \_\_\_\_\_ 29. DATE RECEIVED BY REGISTRAR (MO-DAY-YR) \_\_\_\_\_

30. CHANGE RECORD (STATE REGISTRAR USE ONLY)

ITEM	DOCUMENTARY EVIDENCE	REVIEWED BY	DATE	ITEM	DOCUMENTARY EVIDENCE	REVIEWED BY	DATE

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

SAMPLE COPY

DSHS 9-192 (REV 1-82)

**CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY — DETACHED FROM CERTIFICATE BEFORE PERMANENT FILING.**

**FA**

31. RACE (WHITE, BLACK, AM. IND. ETC. - SPECIFY) \_\_\_\_\_ 32. USUAL OCCUPATION (KIND OF WORK DONE DURING MOST OF WORKING LIFE) \_\_\_\_\_ 33. KIND OF BUSINESS OR INDUSTRY \_\_\_\_\_

**MO**

34. RACE (WHITE, BLACK, AM. IND. ETC. - SPECIFY) \_\_\_\_\_ 35. USUAL OCCUPATION (KIND OF WORK DONE DURING MOST OF WORKING LIFE) \_\_\_\_\_ 36. KIND OF BUSINESS OR INDUSTRY \_\_\_\_\_ 37. IS MOTHER MARRIED? (YES, NO) \_\_\_\_\_

**PREGNANCY HISTORY**

38. DATE LAST NORMAL MENSTRUATION BEGAN (MO-DAY-YR) \_\_\_\_\_ 39. MONTH OF PREGNANCY PRENATAL CARE BEGAN (FIRST, SECOND, THIRD, ETC.) \_\_\_\_\_ 40. TOTAL NUMBER OF PRENATAL VISITS IF NONE ENTER 0 \_\_\_\_\_ 41. TOTAL PRIOR PREGNANCIES (DO NOT INCLUDE THIS PREGNANCY; IF NONE ENTER 0) \_\_\_\_\_ 42. PRIOR LIVE BIRTHS (DO NOT INCLUDE THIS CHILD; IF NONE ENTER 0) \_\_\_\_\_ 43. PRIOR FETAL DEATHS (DO NOT INCLUDE INDUCED ABORTIONS; IF NONE ENTER 0) \_\_\_\_\_

42. PRIOR LIVE BIRTHS: NOW LIVING \_\_\_\_\_ NOW DEAD \_\_\_\_\_

43. PRIOR FETAL DEATHS: BEFORE 20 WKS \_\_\_\_\_ 20 WKS & AFTER \_\_\_\_\_

44. BIRTH WEIGHT \_\_\_\_\_ 45. THIS BIRTH (SINGLE, TWIN, ETC.) \_\_\_\_\_ 46. IF NOT SINGLE (BORN FIRST, SECOND, ETC.) \_\_\_\_\_ 47. LAST PRIOR PREGNANCY (MO-YR) \_\_\_\_\_ 48. LAST LIVE BIRTH (MO-YR) \_\_\_\_\_ 49. LAST FETAL DEATH (MO-YR) \_\_\_\_\_

50. APGAR SCORE: 1 MIN. \_\_\_\_\_ 5 MIN. \_\_\_\_\_ 51. AMNIOCENTESIS (X BOX THUS ☐) \_\_\_\_\_

0. NOT DONE  2. 2ND TRIMESTER  
 1. 1ST TRIMESTER  3. 3RD TRIMESTER

52. CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (DESCRIBE OR WRITE NONE) \_\_\_\_\_

FOR INSTRUCTIONS SEE HANDBOOK

SERIES

**COMPLICATIONS**

X BOX(ES) OF ALL CODES THAT APPLY IN EACH COLUMN THUS ☐

53. COMPLICATIONS NOT RELATED TO PREGNANCY	54. COMPLICATIONS RELATED TO PREGNANCY	55. COMPLICATIONS OF LABOR	56. METHOD OF DELIVERY	57. BIRTH INJURIES/ DISEASES OF NEWBORN	58. (USE THIS SPACE TO SPECIFY OTHER)
<input type="checkbox"/> 0 NONE <input type="checkbox"/> 1 DIABETES <input type="checkbox"/> 2 HEART DIS (SYMPTOMATIC) <input type="checkbox"/> 3 CHRONIC HYPERTENSION <input type="checkbox"/> 4 CHRONIC RENAL DISEASE <input type="checkbox"/> 5 ACUTE URINARY TRACT INFECTION <input type="checkbox"/> 6 SURGERY (ABDOM/Pelvic) <input type="checkbox"/> 7 TUMOR <input type="checkbox"/> 8 EPILEPSY <input type="checkbox"/> 9 OTHER (SPECIFY)	<input type="checkbox"/> 0 NONE <input type="checkbox"/> 1 PRE-ECLAMPSIA <input type="checkbox"/> 2 ECLAMPSIA <input type="checkbox"/> 3 RH SENSITIZATION <input type="checkbox"/> 4 SYPHILIS <input type="checkbox"/> 5 HERPES <input type="checkbox"/> 6 RUBELLA <input type="checkbox"/> 7 ANEMIA (HGB < 10 GM HCT < 30%) <input type="checkbox"/> 8 HEMORRHAGE OF PREG <input type="checkbox"/> 9 OTHER (SPECIFY)	<input type="checkbox"/> 0 NONE <input type="checkbox"/> 1 ABRUPTIO PLACENTA <input type="checkbox"/> 2 PLACENTA PREVIA <input type="checkbox"/> 3 CORD (PROLAPSE) <input type="checkbox"/> 4 MATERN HYPOTENS/SHOCK <input type="checkbox"/> 5 PROLONGED LABOR <input type="checkbox"/> 6 INTRAPARTUM FEVER AMNIONITIS <input type="checkbox"/> 7 LACERATION 3"/4" <input type="checkbox"/> 8 BREECH <input type="checkbox"/> 9 OTHER (SPECIFY)	<input type="checkbox"/> 0 SPONTANEOUS <input type="checkbox"/> 1 VACUUM EXTRACTED <input type="checkbox"/> 2 LOW FORCEPS <input type="checkbox"/> 3 OTHER FORCEPS PROCED <input type="checkbox"/> 4 PRIMARY C-SECTION <input type="checkbox"/> 5 REPEAT C-SECTION <input type="checkbox"/> 6 VERSION & EXTRACTIONS <input type="checkbox"/> 7 LABOR INDUCED <input type="checkbox"/> 8 <input type="checkbox"/> 9 OTHER (SPECIFY)	<input type="checkbox"/> 0 NONE <input type="checkbox"/> 1 ERB'S/DUCHENNE'S PALSIES <input type="checkbox"/> 2 HYALINE MEMBRANE <input type="checkbox"/> 3 SEPSIS (DOCUMENTED) <input type="checkbox"/> 4 SEIZURES <input type="checkbox"/> 5 JAUNDICE (BILI > 10) <input type="checkbox"/> 6 ASPHYXIA <input type="checkbox"/> 7 HEMOLYTIC DISEASE <input type="checkbox"/> 8 FRACTURED CLAVICLE <input type="checkbox"/> 9 OTHER (SPECIFY)	

CERTIFICATE OF MARRIAGE

146-8

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

COUNTY		DATE		STATE FILE NUMBER			
<b>OFFICIANT</b>	1 CERTIFY THE PERSONS NAMED BELOW WERE MARRIED ON . . . . .			1 DATE(MO DAY YR)	2 COUNTY	3 RELIGIOUS/CIVIL CEREMONY(SPECIFY)	4 DATE SIGNED(MO DAY YR)
	5 OFFICIANT Signature X			6 OFFICIANT ADDRESS			
<b>GROOM</b>	7 NAME FIRST MIDDLE LAST			8 BIRTHDATE(MO DAY YR)	9 BIRTHSTATE(IF NOT USA GIVE COUNTRY)		
	10 USUAL RESIDENCE(NUMBER AND STREET)			11 CITY/TOWN/LOCATION	12 INSIDE CITY LIMITS(YES/NO)	13 COUNTY	14 STATE
	15 FATHER'S NAME			16 BIRTHSTATE(IF NOT USA GIVE COUNTRY)	17 MOTHER'S MAIDEN NAME		18 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	19 GROOM Signature X			20 DATE SIGNED(MO DAY YR)			
<b>BRIDE</b>	21 NAME FIRST MIDDLE LAST			22 MAIDEN NAME(IF DIFFERENT)	23 BIRTHDATE(MO DAY YR)		24 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	25 USUAL RESIDENCE(NUMBER AND STREET)			26 CITY/TOWN/LOCATION	27 INSIDE CITY LIMITS(YES/NO)	28 COUNTY	29 STATE
	30 FATHER'S NAME			31 BIRTHSTATE(IF NOT USA GIVE COUNTRY)	32 MOTHER'S MAIDEN NAME		33 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	34 BRIDE Signature X			35 DATE SIGNED(MO DAY YR)			
	36 WITNESS Signature X			37 WITNESS Signature X			
38 COUNTY AUDITOR Signature X						39 DATE RECEIVED(MO DAY YR)	

DSHS 9 170 (REV 1 80)

CERTIFICATE OF DISSOLUTION OR DECLARATION OF INVALIDITY OF MARRIAGE

146-8

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

LOCAL FILE NUMBER		DATE(MO DAY YR)		STATE FILE NUMBER			
<b>DECREE</b>	1 CERTIFY THE MARRIAGE OF THE PERSONS NAMED BELOW WAS DISSOLVED ON			2 DISSOLUTION OF MARRIAGE?	3 DECLARATION OF INVALIDITY?	4 COUNTY	
	5 CLERK OF SUPERIOR COURT Signature X			6 RECORDING DATE (MO DAY YR)			
TO BE COMPLETED BY PETITIONER'S ATTORNEY							
<b>HUSBAND</b>	7 NAME FIRST MIDDLE LAST			8 BIRTHDATE(MO DAY YR)	9 BIRTHSTATE(IF NOT USA GIVE COUNTRY)		
	10 RESIDENCE TIME OF FILING(NUMBER STREET)			11 CITY/TOWN/LOCATION	12 INSIDE CITY LIMITS(YES/NO)	13 COUNTY	14 STATE
<b>WIFE</b>	15 NAME FIRST MIDDLE LAST			16 MAIDEN NAME(IF DIFFERENT)	17 BIRTHDATE(MO DAY YR)		18 BIRTHSTATE(IF NOT USA GIVE COUNTRY)
	19 RESIDENCE TIME OF FILING(NUMBER STREET)			20 CITY/TOWN/LOCATION	21 INSIDE CITY LIMITS(YES/NO)	22 COUNTY	23 STATE
	24 MARRIAGE COUNTY	25 STATE(IF NOT USA GIVE COUNTRY)	26 MARRIAGE DATE(MO DAY YR)		27 NUMBER CHILDREN BORN ALIVE TO MARRIAGE		
	28 PETITIONER(HUSBAND WIFE OTHER SPECIFY)		29 ATTORNEY FOR PETITIONER		30 ADDRESS		



