

Report:

VITAL STATISTICS

1977



VITAL STATISTICS SUMMARY
WASHINGTON STATE, 1977

John A. Beare, M.D., M.P.H.
Division Director
Health Services Division

Dixy Lee Ray
Governor
Washington State

Gerald J. Thompson
Secretary
Washington State Dept. of
Social and Health Services

Health Data Section
Center for Health Statistics
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Prepared by

Ruth Lindsey, Nosologist
Sharon George, Nosologist
Health Data Section

Introduction

This report contains a summary presentation in tabular form of the vital events which occurred during the year of 1977.

In the interest of easy comparison, the same format of tabular presentation has been continued herein as was initiated in the 1976 summary.

Population data are the official 1977 estimates for the State of Washington.

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1977 VITAL STATISTICS NARRATIVE FOR SUMMARY

GENERAL POPULATION:

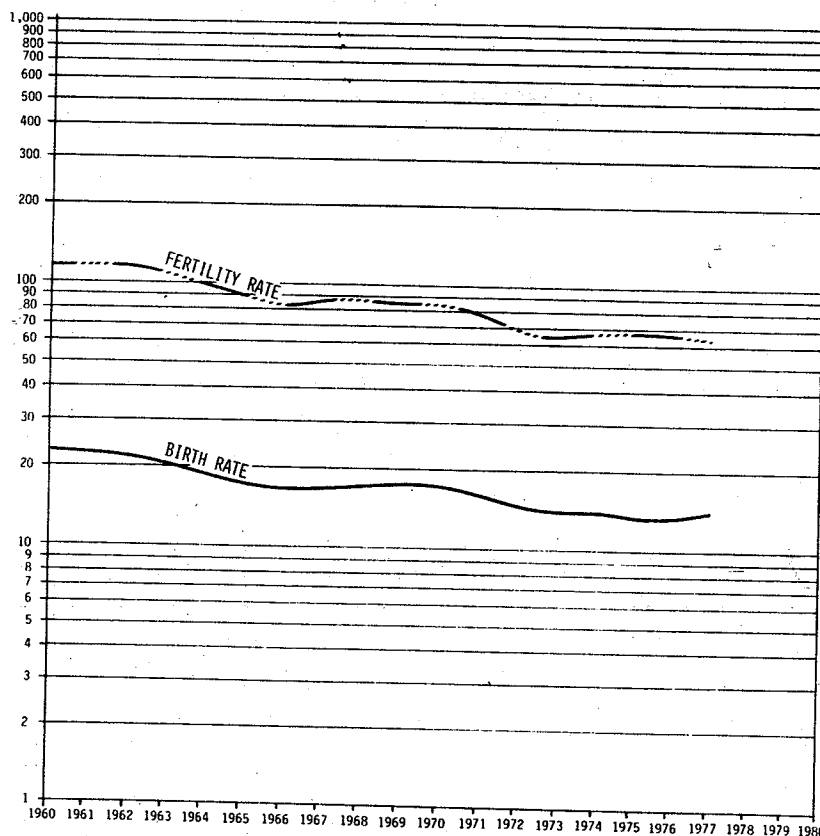
The State of Washington had a net gain of 90,375 persons in the official population estimate for April 1, 1977. This represents an increase of 2.5% over 1976, and 7.4% since 1970. The non-white population was estimated at 209,400 for 1977, with 39.0% of these (81,600) being Black. The Blacks and persons of Spanish descent were the largest ethnic groups in the State, and represented 2.2% and 2.5% of the total population, respectively.

The population aged 65 and older is estimated at 372,300 for 1977, which is an increase of 60,316 (18.7%) since 1970 (322,061).

NATALITY

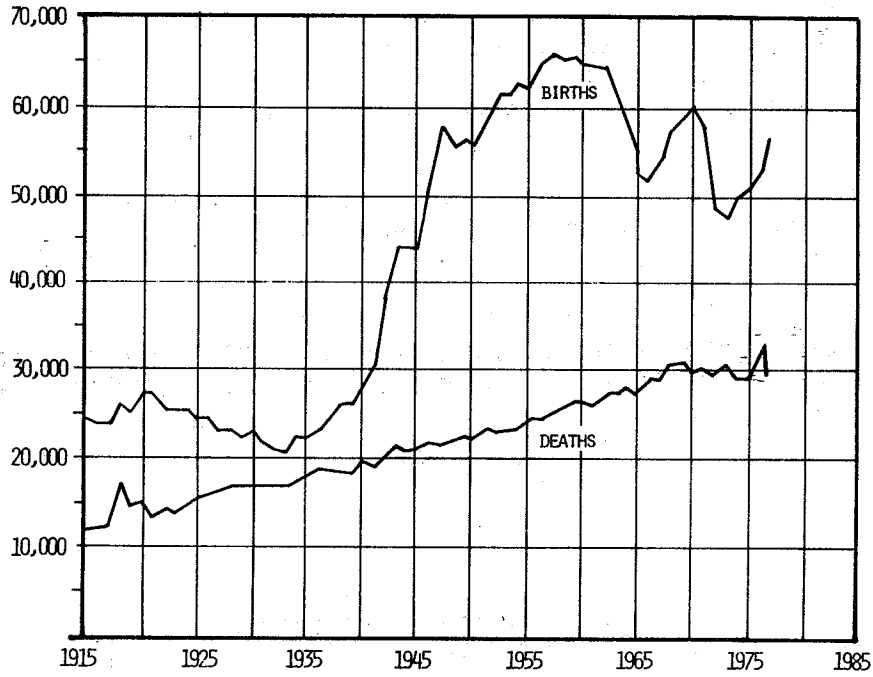
There were 4,252 more livebirths in Washington in 1977 than there were in 1976, the birthrate rising to 15.6 per 1,000 estimated population, even with the larger population estimate for the current year.

FERTILITY RATE AND BIRTH RATE PER 1,000 LIVEBIRTHS:
WASHINGTON STATE, 1960-1977



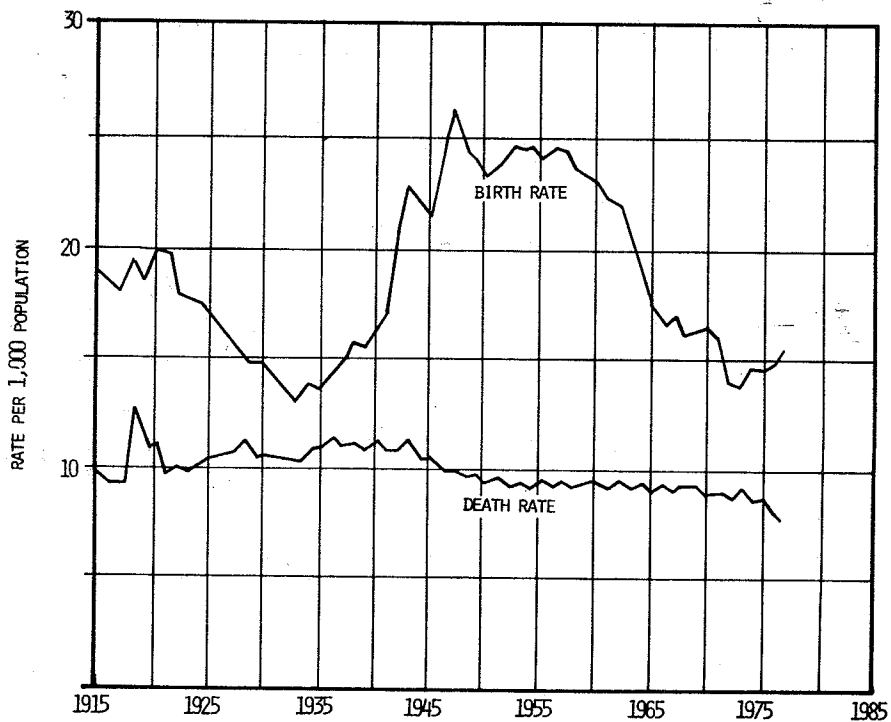
BIRTHS and DEATHS 1915 - 1977

WASHINGTON VITAL STATISTICS SUMMARY, 1977



BIRTH and DEATH RATES 1915 - 1977

WASHINGTON VITAL STATISTICS SUMMARY, 1977



MORTALITY

There were 486 less deaths (29,789) recorded in 1977 than in 1976. The death rate decreased from 9.3 per 1,000 population in 1957 to 8.1 per 1,000 population in 1977.

INFANT MORTALITY

There was a decrease of 69 infant deaths in 1977 (696) from the previous year, which resulted in a rate of 12.2 per 1,000 livebirths. This rate is lower than any other year.

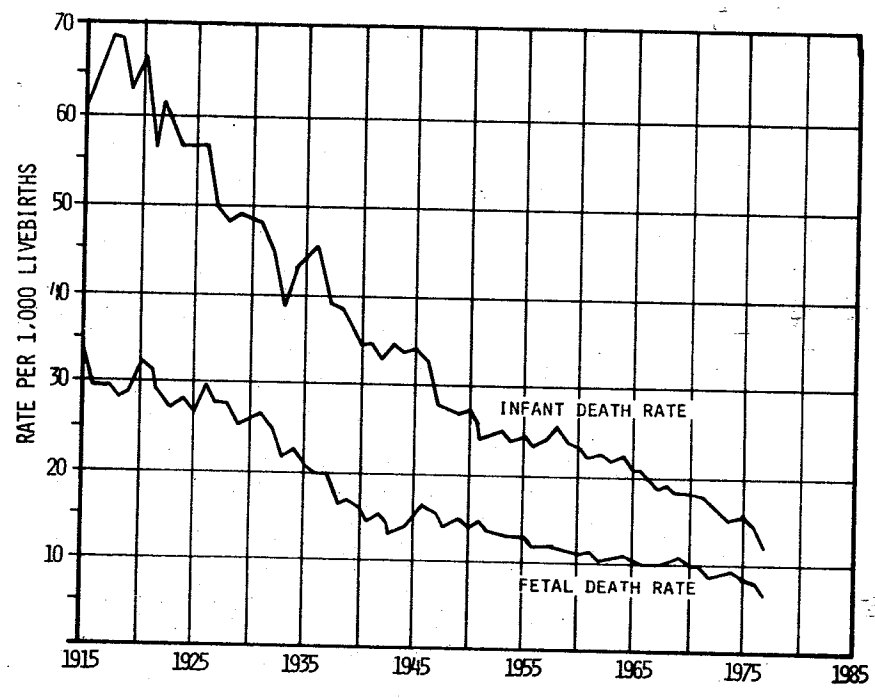
The Sudden Infant Death Syndrome (SIDS) was first listed as a separate cause of death in the International Classification of Disease, Adapted (ICDA), 8th Revision, in 1974. There were 15 less SIDS deaths (134) recorded in 1977 than in 1976.

FETAL DEATHS

There were 13 less fetal deaths (426) in Washington this year, with a ratio of 7.4 fetal deaths to 1,000 livebirths. This is the lowest ratio on record.

INFANT and FETAL DEATH RATES 1915-1977

WASHINGTON VITAL STATISTICS SUMMARY, 1977



MATERNAL DEATHS

There were five maternal deaths in 1977, an increase of two from 1976, resulting in a rate of 0.9 per 10,000 livebirths. All deaths were to white mothers. The age distribution shows one death each in the 15-19, 25-29, 35-39 year age groups, and two in the 30-34 year age group.

MARRIAGE AND DISSOLUTION

There were 43,737 marriages performed in 1977, 1,794 more than reported in 1976. The total terminations of marriage were 26,483. This is a decrease of 565 from that reported in 1976. Of these terminations, 179 were annulments and 81 were separate maintenance decrees. In 8 cases, the type of decree was not stated.

BACKGROUND

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.

POPULATION

Population data in this report is an estimate of population, April 1, 1977, provided by the Population Studies Division of the Office of Fiscal Management.

RATES

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 livebirths are expressed in terms of 1,000 estimated population; deaths from a specific cause are based on 100,000 estimated population (excluding maternal and infant causes); maternal deaths are calculated per 10,000 livebirths; infant and neonatal deaths are calculated per 1,000 livebirths.

CAUSE OF DEATH CLASSIFICATION

The cause of death presented herein are classified in accordance with the Eighth Revision of the International Classification of Diseases, Adapted, 1967; Public Health Service Publication No. 1693, U.S. Government Printing Office.

Specific causes of death in this report are shown in groupings of 79 causes. Leading causes were selected from a consolidation of these 79 causes.

RATES AND WHOLE NUMBERS

Rates are rounded to the nearest tenth. When the rate or percent is less than one-tenth, the entry is left blank.

When whole numbers are used, a blank or dash (-) indicates none or zero.

DEFINITIONS

GENERAL TERMS

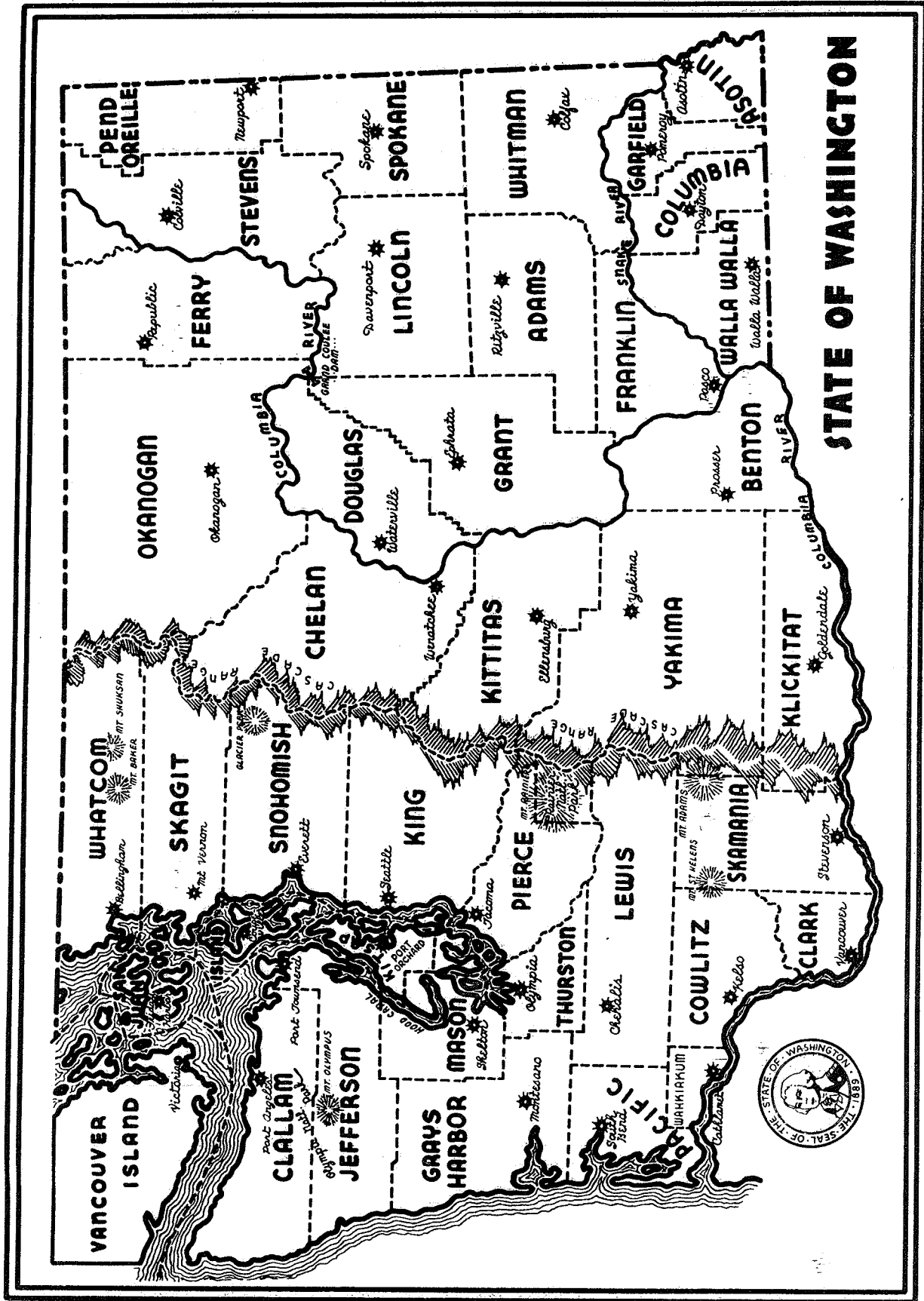
- BIRTH WEIGHT - Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces).
- FETAL DEATH - A birth after 20 weeks gestation which is not a live birth.
- GESTATIONAL PERIOD - Number of weeks elapsed between the first day of the last menstrual period and date of delivery.
- INFANT DEATH - Death of an infant under one year of age.
- LIVE BIRTH - A birth that shows any sign of life after delivery.
- LIVE BIRTH ORDER - Order number is equal to number of previous livebirths plus current birth.
- MATERNAL DEATH - Death attributable 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 - Includes stillbirths and deaths to infants within the first six days of life.
- PREMATURE BIRTH - A livebirth weighing 5 1/2 pounds (2,500 grams) 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
- 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 livebirths per 1,000 women 15-44 years of age.
- FETAL DEATH RATIO - Number of stillbirths per 1,000 livebirths.

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

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

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

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



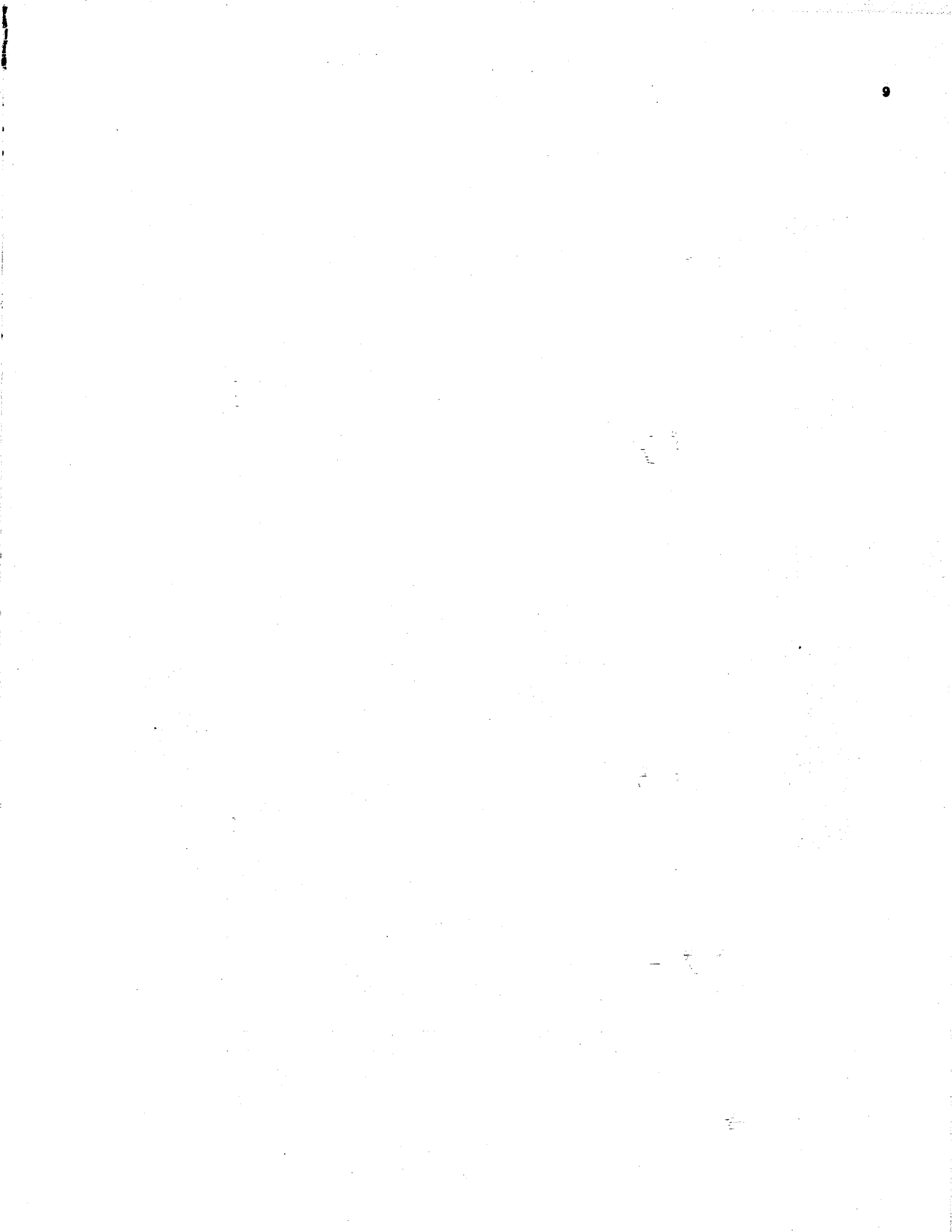


TABLE 1

SUMMARY OF THE NUMBER OF LIVEBIRTHS, DEATHS, DEATHS OF INFANTS UNDER ONE YEAR OF AGE, MATERNAL DEATHS, AND FETAL DEATHS, WITH RATES
STATE OF WASHINGTON, 1920 - 1977

Year	Livebirths		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths		
	Population	Number	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

TABLE 1 (Cont'd)

Year	Livebirths		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1947	2,202,400	26.4	21,763	9.9	1,630	28.0	59	10.1	907	15.6
1948	2,266,400	24.5	21,925	9.7	1,525	27.5	36	6.5	776	14.0
1949	2,331,000	24.2	22,420	9.6	1,526	27.0	36	6.4	850	15.1
1950	2,378,963	23.4	22,450	9.4	1,526	27.4	28	5.0	799	14.3
1951	2,444,000	23.7	23,300	9.5	1,412	24.3	23	4.0	852	14.7
1952	2,496,100	24.6	22,874	9.2	1,522	24.8	15	2.4	857	13.9
1953	2,528,200	24.4	23,279	9.2	1,556	25.3	18	2.9	834	13.5
1954	2,566,000	24.4	23,238	9.1	1,514	24.1	29	4.6	829	13.2
1955	2,586,100	24.1	24,410	9.4	1,520	24.4	16	2.6	806	12.9
1956	2,651,900	24.5	24,207	9.1	1,524	23.4	13	2.0	777	12.0
1957	2,712,700	24.3	25,140	9.3	1,596	24.2	20	3.0	793	12.0
1958	2,767,900	23.7	25,429	9.2	1,707	26.0	11	1.7	764	11.7
1959	2,819,000	23.3	26,229	9.3	1,570	23.9	9	1.4	749	11.4
1960	2,853,214	22.9	26,505	9.3	1,528	23.4	17	2.6	738	11.3
1961	2,897,000	22.4	26,353	9.1	1,467	22.6	19	2.9	756	11.6
1962	2,948,000	22.0	27,343	9.3	1,476	22.8	6	0.9	704	10.9
1963	2,972,000	20.5	27,550	9.3	1,339	21.9	10	1.6	657	10.8
1964	3,008,000	19.0	28,106	9.3	1,277	22.3	7	1.2	637	11.1
1965	3,065,000	17.2	27,379	8.9	1,130	21.4	15	2.8	639	12.1
1966	3,125,000	16.6	29,035	9.3	1,084	20.9	13	2.5	554	10.7
1967	3,229,000	17.1	29,302	9.1	1,050	19.1	12	2.2	573	10.4
1968	3,329,000	17.2	30,360	9.1	1,120	19.6	8	1.4	620	10.8
1969	3,365,000	17.6	30,504	9.1	1,118	18.8	12	2.0	651	11.0
1970	3,409,169	17.7	29,901	8.8	1,135	18.8	9	1.5	640	10.6
1971	3,433,000	16.1	30,318	8.8	1,008	18.2	5	0.9	574	10.4
1972	3,418,800	14.1	29,747	8.7	805	17.0	6	1.2	428	8.8
1973	3,424,300	13.9	30,751	9.0	781	16.4	3	0.6	430	9.0
1974	3,448,100	14.5	29,773	8.6	763	15.2	4	0.8	450	9.0
1975	3,494,124	14.5	29,778	8.5	798	15.7	5	1.0	421	8.3
1976	3,571,600	14.8	30,275	8.5	765	14.4	3	0.6	439	8.3
1977	3,661,975	15.6	29,789	8.1	696	12.2	5	0.9	426	7.4

*Per 1,000 Population

**Per 1,000 Livebirths

***Per 10,000 Livebirths

1933 and prior are occurrence figures, also Infant Mortality 1938 and Fetal Deaths 1935-1938, all others residence figures. 1961-1969 are revised estimates provided by the Office of Program Planning and Fiscal Management.

TABLE 2

POPULATION OF THE STATE OF WASHINGTON BY AGE GROUP,
BY SEX, APRIL 1, 1977

Age Group	Total	Male	Female
TOTAL	3,661,975	1,815,067	1,846,908
Under 1 Yr.	53,161	27,112	26,049
1 - 4	195,616	100,073	95,543
5 - 9	291,880	149,608	142,272
10 - 14	315,572	161,609	153,963
15 - 19	356,080	182,099	173,981
20 - 24	354,629	180,976	173,653
25 - 29	327,427	165,881	161,546
30 - 34	266,512	133,864	132,648
35 - 39	205,380	103,752	101,628
40 - 44	178,981	89,335	89,646
45 - 49	184,759	91,595	93,164
50 - 54	193,056	93,203	99,853
55 - 59	189,947	92,277	97,670
60 - 64	162,261	78,206	84,055
65 - 69	134,985	63,262	71,723
70 - 74	99,202	44,198	55,004
75 - 79	69,756	28,242	41,514
80 - 84	46,314	17,129	29,185
85 and Over	36,457	12,646	23,811

TABLE 3

POPULATION, STATE OF WASHINGTON, COUNTIES AND
CITIES OF 10,000 POPULATION AND OVER, APRIL 1, 1977

Adams		13,900	Kittitas		25,600
Asotin		15,400	Ellensburg	13,000	
Benton		85,400	Klickitat		13,900
Kennewick	23,638		Lewis		50,600
Richland	31,050		Centralia	10,710	
Chelan		41,900	Lincoln		9,800
Wenatchee	17,700		Mason		24,600
Clallam		41,100	Okanogan		27,800
Port Angeles	16,890		Pacific		16,000
Clark		164,000	Pend Oreille		8,000
Vancouver	46,500		Pierce		422,400
Columbia		4,600	Puyallup	15,750	
Cowlitz		73,200	Tacoma	156,000	
Kelso	10,600		San Juan		6,100
Longview	29,830		Skagit		56,000
Douglas		20,100	Mt. Vernon	11,021	
Ferry		5,147	Skamania		6,100
Franklin		29,200	Snohomish		278,200
Pasco	15,375		Edmonds	26,115	
Garfield		2,900	Everett	51,700	
Grant		45,500	Lynnwood	21,450	
Moses Lake	10,475		Mountlake Terrace	16,550	
Grays Harbor		61,400	Spokane		308,200
Aberdeen	18,900		Spokane (city)	174,500	
Hoquiam	10,430		Stevens		24,300
Island		37,528	Thurston		101,000
Oak Harbor	11,618		Lacey	11,807	
Jefferson		12,600	Olympia	25,520	
King		1,164,400	Wahkiakum		3,800
Auburn	23,055		Walla Walla		43,800
Bellevue	68,500		Walla Walla (city)	24,300	
Kent	18,250		Whatcom		93,600
Kirkland	15,350		Bellingham	43,160	
Mercer Island	21,350		Whitman		41,900
Redmond	17,757		Pullman	23,500	
Renton	27,150		Yakima		155,700
Seattle	500,000		Yakima (city)	51,100	
Kitsap		126,300	STATE TOTAL		3,661,975
Bremerton	39,350				

TABLE 4

CONVERSION OF BIRTHWEIGHT GROUPS IN GRAMS
TO POUNDS AND OUNCES

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

NATALITY

TABLE 5

LIVEBIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1977

A. Livebirths by Race by Sex					B. Residence by Mother's Age Group, by Sex				
Race	Total	Male	Female	Sex Unk.	Age Group	Total	Male	Female	Sex Unk.
All Races	57,256	29,178	28,075	3	Total	57,256	29,178	28,075	3
White	51,571	26,297	25,273	1	Under 15	102	58	44	
Black	2,164	1,088	1,074	2	15 - 19	7,744	3,873	3,871	
Indian	1,507	789	718		20 - 24	20,890	10,617	10,272	1
Japanese	343	183	160		25 - 29	18,476	9,477	8,997	2
Chinese	199	98	101		30 - 34	7,990	4,096	3,894	
Filipino	485	232	253		35 - 39	1,721	902	819	
Other and Not Stated	987	491	496		40 - 44	301	139	162	
					45 and Over	13	7	6	
					Unknown	19	9	10	
C. Residence by Order of Livebirth to Mother					D. Residence by Attendant				
Order of Child	Number	% of** Total			Attendant	Number	% of** Total		
Total	57,256	100.0			Total	57,256	100.0		
1st child	24,883	43.4			M.D.	55,200	96.4		
2nd child	18,553	32.4			Osteopath	1,170	2.0		
3rd child	8,491	14.8			Midwife	476	0.8		
4th child	3,041	5.3			Nurse	34	*		
5th child	1,206	2.1			Chiropractor	2	*		
6th child	528	0.9			Other and Not Stated	374	0.6		
7th child	249	0.4							
8th child	135	0.2							
9th child	79	0.1							
10th or more	91	0.2							
E. Multiple Livebirths					F. Occurrence by Institution of Birth				
524 sets of twins, both liveborn					Institution	Occurrence Livebirths	% of** Total		
9 sets of twins, one liveborn					Total	57,036	100.0		
1 stillborn					General Hospital	51,471	90.2		
4 sets of triplets, all liveborn					Private Residence	672	1.2		
					Federal Facility	4,153	7.3		
					Born on Arrival	11	*		
					Other and not stated	729	1.3		

**Detail may not add to 100% due to Rounding

*Less than .05 of one percent

TABLE 5 (Cont'd)

LIVEBIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1977

G. Residence and Occurrence by Sex, by Birthweight in Grams

Birthweight in Grams	Residence Livebirths				Occurrence Livebirths			
	Total	Male	Female	Sex Unk.	Total	Male	Female	Sex Unk.
Total	57,256	29,178	28,075	3	57,036	29,047	27,986	3
1,000 grams and under	204	112	92		198	109	89	
1,001 - 1,500	266	139	125	2	275	142	131	2
1,501 - 2,000	635	303	332		634	302	332	
2,001 - 2,500	2,000	955	1,045		2,010	961	1,049	
2,501 - 3,000	7,981	3,386	4,595		7,950	3,367	4,583	
3,001 - 3,500	20,540	9,673	10,867		20,463	9,638	10,825	
3,501 - 4,000	18,052	9,872	8,180		17,969	9,804	8,165	
4,001 - 4,500	6,054	3,702	2,352		6,028	3,700	2,328	
4,501 and Over	1,474	1,006	468		1,464	997	467	
Not Stated	50	30	19	1	45	27	17	1

H. Livebirths, and Fetal Deaths, Residence and Occurrence by Month

	Total Livebirths		Fetal Deaths	
	Residence	Occurrence	Residence	Occurrence
Total	57,256	57,036	426	445
January	4,397	4,385	23	25
February	4,448	4,426	29	31
March	5,015	4,994	35	36
April	4,859	4,837	35	37
May	4,863	4,835	38	41
June	4,655	4,615	49	49
July	4,953	4,915	38	39
August	5,009	4,991	29	30
September	4,981	4,972	45	48
October	4,830	4,811	30	30
November	4,586	4,580	36	39
December	4,660	4,675	39	40

TABLE 6

LIVE BIRTHS WITH RATES BY PLACE OF RESIDENCE AND OCCURRENCE, BY SEX, WASHINGTON STATE, 1977

County and City	Residence					Occurrence	
	Number	Rate*	Male	Female	Sex Unknown	Number	Rate*
STATE TOTAL	57,256	15.6	29,178	28,075	3	57,036	15.6
Adams	333	24.0	170	163		283	20.4
Asotin	228	14.8	113	115		276	17.9
Benton	1,477	17.3	769	708		1,604	18.8
Kennewick	536	22.7	262	274		488	20.6
Richland	467	15.0	238	229		995	32.0
Chelan	664	15.8	343	321		1,047	25.0
Wenatchee	279	15.8	145	134		909	51.4
Clallam	769	18.7	410	359		756	18.4
Port Angeles	232	13.7	128	104		605	35.8
Clark	2,751	16.8	1,438	1,313		1,939	11.8
Vancouver	950	20.4	503	447		1,313	41.1
Columbia	70	15.2	38	32		45	9.8
Cowlitz	1,220	16.7	601	619		1,445	19.7
Kelso	209	19.7	108	101		0	-
Longview	525	17.6	253	272		1,442	48.3
Douglas	327	16.3	175	152		4	0.2
Ferry	81	15.7	33	48		43	8.4
Franklin	750	25.7	360	390		637	21.8
Pasco	416	27.1	210	206		636	41.4
Garfield	43	14.8	23	20		36	12.4
Grant	924	20.3	475	449		771	16.9
Moses Lake	212	20.2	112	100		465	44.4
Grays Harbor	1,065	17.3	546	519		751	12.2
Aberdeen	315	16.7	164	151		698	36.9
Hoquiam	174	16.7	87	87		2	0.2
Island	754	20.1	394	360		676	18.0
Oak Harbor	324	27.9	172	152		2	0.2
Jefferson	196	15.6	90	106		149	11.8
King	14,682	12.6	7,475	7,206	1	16,254	14.0
Auburn	405	17.6	214	191		545	23.6
Bellevue	704	10.3	352	352		1,329	19.4
Kent	347	19.0	170	177		4	0.2
Kirkland	349	22.7	173	176		652	42.5
Mercer Island	136	6.4	84	52		1	-
Redmond	294	16.6	143	151		10	0.6
Renton	445	16.4	223	222		1,747	64.3
Seattle	5,612	11.2	2,836	2,775	1	10,049	20.1
Kitsap	2,124	16.8	1,084	1,040		1,985	15.7
Bremerton	730	18.6	379	351		1,920	48.8
Kittitas	306	12.0	157	149		282	11.0
Ellensburg	139	10.7	77	62		280	21.5
Klickitat	248	17.8	138	110		257	19.5
Lewis	923	18.2	468	455		832	16.4
Centralia	217	20.3	112	105		510	47.6
Lincoln	127	13.0	58	69		75	7.7
Mason	353	14.3	168	185		185	7.5
Okanogan	469	16.9	242	227		474	17.1
Pacific	258	16.1	142	116		152	9.5
Pend Oreille	148	18.5	73	75		92	11.5
Pierce	7,846	18.6	3,990	3,854	2	7,905	18.7
Puyallup	754	16.1	331	423		747	47.4
Tacoma	2,509	16.1	1,270	1,238	1	3,205	20.5
San Juan	77	12.6	43	34		13	2.1
Skagit	861	15.4	412	449		1,175	21.0
Mount Vernon	198	19.0	94	104		610	56.2
Skamania	108	17.7	62	46		3	0.5
Snohomish	4,448	16.0	2,294	2,154		3,392	12.2
Edmonds	305	11.7	159	146		1,262	48.3
Everett	949	18.4	492	457		1,665	32.2
Lynnwood	422	19.7	223	199		714	5.3
Mountlake Terrace	244	14.7	132	112		3	0.2
Spokane	4,942	16.0	2,469	2,473		5,617	18.2
Spokane (city)	2,648	15.2	1,286	1,362		4,859	27.8
Stevens	448	18.4	235	213		322	13.3
Thurston	1,663	16.5	837	826		1,818	18.0
Lacey	195	16.5	110	85		1	0.1
Olympia	528	20.7	265	263		1,806	76.8
Wahkiakum	42	11.1	16	26		0	-
Walla Walla	598	13.7	310	288		892	20.4
Walla Walla (city)	356	14.7	180	176		891	36.7
Whatcom	1,409	15.1	722	687		1,251	13.4
Bellingham	560	13.0	287	273		1,237	28.7
Whitman	477	11.4	250	227		514	12.3
Pullman	256	10.9	127	129		418	17.8
Yakima	3,047	19.6	1,555	1,492		3,089	19.8
Yakima (city)	943	18.5	486	457		2,038	39.9

* Rates per 1,000 population

TABLE 7

LIVEBIRTHS BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1977

County and City	Total	White	Black	Indian	Japanese	Chinese	Filipino	Other	Unknown
STATE TOTAL	57,256	51,571	2,164	1,507	343	199	485	941	46
Adams	333	327	1	2	3				
Asotin	228	219	1	6		1		1	
Benton	1,477	1,424	17	10	9	3	3	11	
Kennewick	536	521	3	4	3		2	3	
Richland	467	439	14	3	2	3		6	
Chelan	664	645	1	12	1			5	
Wenatchee	279	267	1	8	1			7	
Clallam	769	689	1	60	3		3	13	
Port Angeles	232	214		12	3			3	
Clark	2,751	2,661	19	24	6	6	8	27	
Vancouver	950	906	11	8	2	5	2	16	
Columbia	70	69				1			
Cowlitz	1,220	1,180	4	18		2	4	12	
Kelso	209	206		2				1	
Longview	525	502	2	11		1	1	8	
Douglas	327	321		5				1	
Ferry	81	62		18				1	
Franklin	750	698	37	10	1		2	2	
Pasco	416	370	34	9	1		1	1	
Garfield	43	43							
Grant	924	891	11	8	10		1	2	1
Moses Lake	212	207	1	2			1	1	
Grays Harbor	1,065	989	2	58	1	3	4	8	
Aberdeen	315	295		14		2	2	2	
Hoquiam	174	164	1	7			2	2	
Island	754	675	18	5	2	2	21	31	
Oak Harbor	324	274	15	3	2		12	18	
Jefferson	196	184		5	2		1	2	2
King	14,682	12,611	999	241	162	126	204	311	28
Auburn	405	377	3	19	1			4	1
Bellevue	704	647	19	3	12	6	2	13	2
Kent	347	320	3	11	1	1	2	8	2
Kirkland	349	330	3	3	4	1	3	5	
Mercer Island	136	124	3	1	4		1	2	1
Redmond	294	283	6	3	3			2	
Renton	445	399	8	9	4		9	15	1
Seattle	5,612	4,122	872	110	79	88	150	179	11
Kitsap	2,124	1,886	56	48	17	3	85	28	1
Bremerton	730	601	35	17	3		63	11	
Kittitas	306	290		5	2		2	5	
Ellensburg	139	130		3		2		4	
Klickitat	248	226		19	1		1	1	
Lewis	923	906	3	5		1		6	2
Centralia	217	213	1					3	
Lincoln	127	125		1					1
Mason	353	314	1	30	5			2	1
Okanogan	469	396	1	68	1		2	1	
Pacific	258	248	1	5			2	2	
Pend Oreille	148	139		8					1
Pierce	7,846	6,430	774	171	56	23	76	313	3
Puyallup	254	236	4	6			4	4	
Tacoma	2,509	1,939	373	82	15	8	18	73	1
San Juan	77	76					1		
Skagit	861	837	3	17	1		1	2	
Mount Vernon	198	197						1	
Skamania	108	107	1						
Snohomish	4,448	4,217	32	109	19	5	22	43	1
Edmonds	305	290	4	4	3		3	1	
Everett	949	879	13	38	4	1	3	11	
Lynnwood	422	402	4	5		1	2	8	
Mountlake Terrace	244	224	4	3	1	1	6	5	
Spokane	4,942	4,564	111	177	13	23	13	41	
Spokane (city)	2,648	2,411	73	113	14	8	8	21	
Stevens	448	415		31				2	
Thurston	1,663	1,565	16	35	6	2	6	30	2
Lacey	195	184	4	4			2	1	
Olympia	528	492	5	5	3	1	3	17	2
Wahkiakum	42	40		1				1	
Walla Walla	598	580	6	5	1	1	1	4	
Walla Walla (city)	356	345	6	2	1		1	1	
Whatcom	1,409	1,297	8	83	4	1	1	13	2
Bellingham	560	521	5	24	1			8	1
Whitman	477	450	2	7	3	2	2	11	
Pullman	256	233	2	4	3	2	2	10	
Yakima	3,047	2,774	38	200	4	2	19	9	1
Yakima (city)	943	875	30	25	2	2	6	3	

TABLE 8

LIVEBIRTHS BY MOTHER'S AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1977										
County and City	All Ages	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Age Unknown
STATE TOTAL	57,256	102	7,744	20,890	18,476	7,990	1,721	301	13	19
Adams	333	2	58	129	95	32	11	5	1	
Asotin	228		39	83	73	25	5	2	1	
Benton	1,477	2	177	543	472	224	53	6		
Kennewick	536		87	216	163	57	11	2		
Richland	467		42	154	150	94	26	1		
Chelan	664	1	114	244	204	77	20	3		1
Wenatchee	279	1	50	122	75	23	7	1		
Clallam	769	1	116	300	238	87	25	2		
Port Angeles	232		41	88	75	22	6			
Clark	2,751	2	371	1,029	907	347	74	20		1
Vancouver	950		164	389	282	91	17	7		
Columbia	70		16	22	25	6	1			
Cowlitz	1,220	3	211	499	360	115	23	9		
Kelso	209		39	98	49	18	3	2		
Longview	525	2	96	209	157	48	10	3		
Douglas	327		41	123	109	43	10	1		
Ferry	81		6	35	26	10	3	1		
Franklin	750	3	131	309	203	74	27	2		1
Pasco	416	2	89	181	99	32	13			
Garfield	43		5	17	17	3	1			
Grant	924	4	140	345	299	107	27	2		
Moses Lake	212	2	36	73	73	23	5			
Grays Harbor	1,065	1	193	438	295	105	28	4	1	
Aberdeen	315		55	131	82	39	6	1	1	
Hoquiam	174	1	37	63	54	12	7			
Island	754		104	307	229	99	11	4		
Oak Harbor	324		43	122	118	36	4	1		
Jefferson	196		29	70	65	23	6	3		
King	14,682	18	1,485	4,415	5,254	2,804	597	95	4	10
Auburn	405	1	74	163	108	47	8	3	1	
Belleveue	704		41	142	274	202	35	10		
Kent	347		54	144	109	33	3	4		
Kirkland	349		17	98	141	78	14	1		
Mercer Island	136		3	15	58	42	17	1		
Redmond	294		13	53	133	81	13	1		
Renton	445		60	186	124	62	13	1		
Seattle	5,612	11	645	1,649	1,989	1,034	240	35		9
Kitsap	2,124	3	270	809	651	305	77	8	1	
Bremerton	730	1	118	354	176	65	14	1	1	
Kittitas	306		28	118	106	40	13	1		
Ellensburg	139		18	57	47	16	1			
Klickitat	248		34	99	75	31	4	4		1
Lewis	923	2	162	376	263	84	35	1		
Centralia	217		46	99	46	17	9			
Lincoln	127		13	51	41	16	3	3		
Mason	353		65	126	113	37	9	3		
Okanogan	469	2	77	169	154	59	7	1		
Pacific	258		40	117	66	30	5			
Pend Oreille	148		26	52	45	18	6	1		
Pierce	7,846	18	1,338	3,221	2,209	858	171	31		
Puyallup	254	1	35	97	75	37	7	2		
Tacoma	2,509	8	478	990	685	280	58	10		
San Juan	77		6	24	33	10	4			
Skagit	861	1	114	351	281	86	22	5		1
Mount Vernon	198		34	83	55	22	3	1		
Skamania	108		17	37	35	15	3	1		
Snohomish	4,448	7	553	1,622	1,463	644	132	26	1	
Edmonds	305		27	86	112	61	16	3		
Everett	949	5	190	371	268	92	19	4		
Lynnwood	422		62	169	122	50	16	3		
Mountlake Terrace	244		30	90	85	30	9			
Spokane	4,942	8	626	1,923	1,609	629	128	17		2
Spokane (city)	2,648	7	375	1,066	829	304	54	13		
Stevens	448		66	176	151	43	9	3		
Thurston	1,663	2	251	636	501	228	38	7		
Lacey	195	1	23	78	69	21	2	1		
Olympia	528	1	88	198	154	73	10	4		
Wahkiakum	42		6	21	12	3				
Walla Walla	598	4	77	241	182	72	19	2	1	
Walla Walla (city)	356	4	51	137	114	43	6	1	1	
Whatcom	1,409	5	154	496	524	200	23	6	1	
Bellingham	560	1	65	201	203	80	7	2	1	
Whitman	477	1	31	177	173	82	11	2		
Pullman	256		14	95	90	51	5	1		
Yakima	3,047	12	554	1,140	918	319	80	20	2	2
Yakima (city)	943	5	181	362	285	89	20	1	1	

TABLE 9

LIVEBIRTHS BY MONTH BY PLACE OF RESIDENCE, WASHINGTON STATE 1977													
County and City	Total	Jan	Feb	Mar	April	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	57,256	4,397	4,448	5,015	4,859	4,863	4,655	4,953	5,009	4,981	4,830	4,586	4,660
Adams	333	27	24	30	44	24	23	29	26	30	29	18	17
Asotin	228	18	16	16	22	18	17	26	17	25	18	18	17
Benton	1,477	102	117	142	127	130	128	124	119	109	112	118	149
Kennewick	536	39	38	53	50	45	45	45	47	34	40	51	49
Richland	467	34	40	42	41	45	47	32	38	33	32	35	48
Chelan	664	56	51	61	47	47	41	57	60	67	64	66	67
Wenatchee	774	74	75	74	19	21	17	21	28	11	23	23	23
Clallam	769	62	47	58	76	55	60	75	76	67	68	60	65
Port Angeles	232	19	20	21	18	17	20	16	25	24	10	25	17
Clark	2,751	225	219	235	230	242	234	244	212	227	244	221	218
Vancouver	950	83	81	86	67	75	87	86	67	76	96	69	77
Columbia	70	5	7	6	8	6	6	9	8	5	3	5	2
Cowlitz	1,220	95	88	116	95	110	116	99	118	93	105	88	97
Kelso	209	15	11	27	18	10	23	18	26	11	18	18	14
Longview	525	44	42	43	41	39	51	39	54	39	52	38	43
Douglas	327	29	17	26	35	34	17	30	20	20	39	26	34
Ferry	81	3	6	10	5	14	5	6	9	8	4	8	3
Franklin	750	48	72	69	51	65	56	57	68	63	76	64	61
Pasco	416	28	42	40	30	38	29	32	38	30	42	34	33
Garfield	43	7	4	8	2	5	3	3	4	2	1	5	2
Grant	924	65	94	79	85	81	69	72	90	84	62	70	73
Moses Lake	212	20	31	15	15	15	10	19	27	14	9	20	17
Grays Harbor	1,065	84	85	93	77	96	74	98	91	96	96	80	101
Aberdeen	315	22	33	26	20	28	16	27	31	26	28	27	31
Hoquiam	174	9	16	21	6	17	11	22	17	15	17	10	13
Island	754	52	62	61	63	61	54	62	72	80	67	61	59
Oak Harbor	324	21	40	25	25	27	27	18	29	33	29	21	29
Jefferson	196	17	11	12	16	20	12	20	18	18	13	18	21
King	14,682	1,162	1,112	1,275	1,266	1,250	1,208	1,272	1,261	1,254	1,239	1,183	1,200
Auburn	405	40	24	33	34	31	38	31	38	39	32	27	38
Bellevue	704	46	46	71	58	58	63	66	60	58	52	71	55
Kent	347	27	26	45	34	21	29	32	25	23	31	28	26
Kirkland	349	37	20	42	36	18	32	34	31	26	31	30	20
Mercer Island	136	11	10	19	8	10	10	5	17	15	12	12	7
Redmond	294	31	20	25	22	24	23	24	24	26	35	21	19
Redmond	294	31	20	25	22	24	23	24	24	26	35	21	19
Renton	445	33	35	42	32	41	36	48	30	36	48	35	29
Seattle	5,612	473	438	474	526	475	469	472	490	460	470	419	446
Kitsap	2,124	179	153	185	163	169	172	190	169	209	177	170	188
Bremerton	730	63	49	68	45	53	56	83	67	70	59	49	68
Kittitas	306	21	26	29	24	23	30	31	16	24	24	40	18
Ellensburg	139	6	10	16	11	8	12	15	8	7	12	25	9
Klickitat	248	22	18	29	16	24	23	21	18	15	20	24	18
Lewis	923	56	74	70	83	73	80	79	86	88	94	75	65
Centralia	217	14	15	12	17	20	17	20	20	20	24	19	19
Lincoln	127	9	6	17	11	7	7	13	11	18	11	13	4
Mason	353	32	29	37	33	34	32	26	31	30	19	24	26
Okanogan	469	32	36	34	39	45	34	41	42	37	42	43	44
Pacific	258	23	22	19	22	21	22	22	18	27	19	24	19
Pend Oreille	148	11	16	15	8	11	12	14	16	14	9	14	8
Pierce	7,846	607	646	690	650	650	634	660	713	674	654	630	638
Puyallup	254	24	23	18	17	20	21	23	25	22	28	15	18
Tacoma	2,509	170	219	227	218	214	206	197	234	211	206	210	197
San Juan	77	2	7	7	9	7	7	7	9	6	5	5	6
Skagit	861	50	59	64	88	70	60	71	87	75	95	78	64
Mount Vernon	198	10	11	11	21	19	12	21	23	20	20	15	15
Skamania	108	10	7	4	9	8	13	9	10	11	10	5	12
Snohomish	4,448	336	334	360	381	400	353	393	383	398	374	347	389
Edmonds	305	30	27	31	23	28	25	30	28	20	25	15	22
Everett	949	67	57	80	89	87	85	89	77	79	68	88	83
Lynnwood	422	37	37	31	34	45	27	40	38	36	36	23	38
Mountlake Terrace	244	19	16	16	22	22	21	24	18	23	21	18	24
Spokane	4,942	381	406	443	424	427	421	431	441	408	387	395	378
Spokane (city)	2,648	197	204	231	224	220	233	234	252	225	214	221	193
Stevens	448	33	34	36	35	38	47	35	34	46	50	31	29
Thurston	1,663	125	130	159	148	133	126	136	146	142	128	128	156
Lacey	195	11	13	15	19	15	9	20	17	20	21	19	16
Olympia	528	38	48	54	50	48	39	38	54	45	34	29	51
Wahkiakum	42		2	4	3	5	3	2	7	5	3	3	3
Walla Walla	598	50	34	63	47	52	58	57	49	63	55	41	29
Walla Walla (city)	356	31	20	38	30	31	37	30	27	41	34	23	14
Whatcom	1,409	96	122	133	118	107	109	122	133	119	130	105	115
Bellingham	560	46	50	52	51	47	50	45	59	37	46	38	39
Whitman	477	38	34	56	41	43	43	39	40	36	41	27	36
Pullman	296	21	20	29	24	24	24	20	23	18	21	18	14
Yakima	3,047	277	221	264	258	268	244	276	281	288	238	244	238
Yakima (city)	943	76	64	87	80	76	79	95	74	90	68	68	74

TABLE 10

LIVEBIRTHS BY INSTITUTION BY PLACE OF OCCURRENCE, WASHINGTON STATE 1977

County and City	Total	General Hospital	Federal Facilities	Home	Born on Arrival	Other and Not Stated
STATE TOTAL	57,036	51,471	4,153	672	11	729
Adams	283	280		1		2
Asotin	276	275		1		
Benton	1,604	1,599		5		
Kennewick	488	488				
Richland	995	992		3		
Chelan	1,047	1,035		8	1	3
Wenatchee	909	906		2	1	
Clallam	756	743		10		3
Port Angeles	605	603		2		
Clark	1,939	1,909		27		3
Vancouver	1,913	1,909		4		
Columbia	45	44				1
Cowlitz	1,445	1,442		3		
Kelso	0					
Longview	1,442	1,441		1		
Douglas	4			3		1
Ferry	43	24		7		12
Franklin	637	635		2		
Pasco	636	634		2		
Garfield	36	36				
Grant	771	767		4		
Moses Lake	465	465				
Grays Harbor	751	741		4	1	5
Aberdeen	698	696			1	1
Hoquiam	2			2		
Island	676	285	384	7		
Oak Harbor	2		2			
Jefferson	149	133		15		1
King	16,254	15,828		294	5	127
Auburn	545	544				1
Bellevue	1,329	1,317		10		2
Kent	4			4		
Kirkland	652	643		9		
Mercer Island	1			1		
Redmond	10			10		
Renton	1,747	1,743		3		
Seattle	10,049	9,917		110	3	19
Kitsap	1,985	1,368	550	10	1	56
Bremerton	1,920	1,366	549	2	1	2
Kittitas	282	280		1	1	
Ellensburg	280	280				
Klickitat	257	249		7		1
Lewis	832	804		7		21
Centralia	510	508		2		
Lincoln	75	69		3		3
Hason	185	177		7		1
Okanogan	474	467		4	1	2
Pacific	152	147		5		
Pend Oreille	92	91		1		
Pierce	7,905	5,029	2,785	39	1	51
Puyallup	747	745				2
Tacoma	3,205	3,183	1	20		1
San Juan	13			5		8
Skagit	1,175	885		19		271
Mount Vernon	619	349		6		264
Skamania	3			3		
Snohomish	3,392	3,214		67		111
Edmonds	1,262	1,257		4		1
Everett	1,665	1,651		13		1
Lynnwood	114			10		1
Mountlake Terrace	3			3		104
Spokane	5,612	5,144	434	29		5
Spokane (city)	4,859	4,818	19	19		3
Stevens	322	306		12		4
Thurston	1,810	1,795		19		4
Lacey	1			1		
Olympia	1,806	1,794		10		2
Wahkiakum	0					
Walla Walla	892	886		6		
Walla Walla (city)	891	886		5		
Whatcom	1,251	1,229		19		3
Bellingham	1,237	1,229		7		1
Whitman	514	489		2		23
Pullman	418	416		1		1
Yakima	3,089	3,066		16		7
Yakima (city)	2,038	2,032		5		1

TABLE 11

LIVERBIRTHS BY BIRTHWEIGHT IN GRAMS BY PLACE OF RESIDENCE, WASHINGTON STATE 1977

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
TOTAL	57,256	204	266	635	2,000	7,981	20,540	18,052	6,054	1,474	50
Adams	133		2	1	11	57	123	102	33	2	
Asotin	228	1		4	9	32	94	69	23	6	
Benton	1,477	3	5	11	45	194	496	501	179	47	
Kennewick	536	3	3	3	17	74	179	192	50	15	
Richland	467			4	15	61	153	151	64	19	
Chelan	664			8	24	87	258	216	59	10	2
Wenatchee	279			4	11	41	110	87	21	4	1
Clallam	769	3	3	12	16	98	276	255	87	19	
Port Angeles	232	2	2	5	4	24	81	83	23	8	
Clark	2,751	8	8	20	86	343	973	908	323	81	1
Vancouver	950	4	2	11	37	135	334	295	103	29	
Columbia	70				3	12	26	18	9	1	1
Cowlitz	1,220	5	6	16	33	148	424	404	142	41	1
Kelso	209			2	6	35	67	72	17	10	
Longview	525	2	4	10	17	56	185	170	63	17	1
Douglas	327	4	2	9	8	36	114	108	37	8	1
Ferry	81				4	13	30	28	4	1	1
Franklin	750		4	5	23	104	283	247	64	20	
Pasco	416		3	4	16	58	167	125	34	9	
Garfield	43	1			1	6	11	16	7	1	
Grant	924	2	1	6	31	139	341	281	97	24	2
Moses Lake	212	1	1		9	26	76	60	30	8	1
Grays Harbor	1,065	8	6	10	35	149	361	344	124	27	1
Aberdeen	315	1		5	10	39	106	101	42	11	
Hoquiam	174			2	9	26	58	53	19	7	
Island	754	4	1	1	26	98	273	250	78	23	
Oak Harbor	324	3			9	51	103	122	27	9	
Jefferson	196	1	1	3	4	23	76	74	12	1	1
King	14,682	57	78	187	584	2,216	5,325	4,412	1,469	339	15
Auburn	405	3	1	3	21	75	144	115	34	9	
Bellevue	704	3	7	5	27	85	262	218	85	17	
Kent	347		3	5	12	64	117	107	30	8	1
Kirkland	349	2		1	14	37	124	112	42	16	1
Mercer Island	136		1		3	23	49	44	15	1	
Redmond	294	1		1	12	45	99	101	25	9	1
Renton	445	2	2	6	16	79	152	142	36	10	
Seattle	5,612	24	44	102	262	914	2,019	1,606	522	111	8
Kitsap	2,124	8	8	26	89	269	757	649	259	59	
Bremerton	730	3	1	7	27	109	274	226	66	17	
Kittitas	306		1	5	12	43	113	95	29	8	
Ellensburg	139			3	3	22	51	40	14	6	
Klickitat	248	3		2	5	31	86	86	29	6	
Lewis	923	3	5	14	24	125	293	322	105	30	2
Centralia	217			3	6	31	67	79	22	9	
Lincoln	127	1			2	14	42	47	18	3	
Mason	353	1	3	5	14	52	124	99	39	15	1
Okanogan	469	1	2	6	9	62	164	155	56	12	2
Pacific	258			4	15	42	64	87	38	8	
Pend Oreille	148	1		3	12	11	47	49	20	5	
Pierce	7,846	31	44	95	263	1,097	2,773	2,485	829	277	2
Bayallup	254	1	3	1	6	40	85	89	24	5	
Tacoma	2,509	11	18	38	95	392	930	725	227	71	1
San Juan	77			2	4	7	27	27	8	2	
Skagit	861	2	3	14	26	101	274	304	106	29	2
Mount Vernon	198	1		4	7	23	58	79	22	4	
Skamania	108		1	2	5	18	28	37	15	1	1
Snohomish	4,448	9	22	38	141	580	1,609	1,417	507	124	1
Edmonds	305		3	1	9	45	119	95	32	1	
Everett	949	4	4	4	28	135	344	289	117	24	
Lynnwood	422	1	3	9	15	53	144	140	44	10	
Mountlake Terrace	244			1	10	37	95	72	22	7	
Spokane	4,942	24	31	51	164	732	1,845	1,497	495	98	1
Spokane (city)	2,648	12	18	30	109	419	980	777	259	43	1
Stevens	448	1		6	8	53	181	137	50	12	
Thurston	1,663	5	7	8	38	205	578	556	192	49	5
Lacey	195				9	24	61	73	19	9	
Olympia	528		2	1	22	74	186	164	61	16	2
Wahkiakum	42			1	3	6	15	13	3	1	
Walla Walla	598	2	2	6	19	75	215	203	61	15	
Walla Walla (city)	356	2	2	5	8	45	126	120	40	8	
Whatcom	1,409	4	6	20	50	188	484	453	164	38	2
Bellingham	560	1	3	12	25	78	192	180	57	11	1
Whitman	477		1	2	11	59	196	161	38	9	
Pullman	256		1		7	38	103	88	16	3	
Yakima	1,047	11	13	20	119	460	1,151	940	246	72	5
Yakima (city)	943	5	5	12	27	130	380	298	70	16	

TABLE 12

LIVEBIRTHS BY RACE BY BIRTHWEIGHT, WASHINGTON STATE 1977

Birthweight in Grams	Total	White	Black	Indian	Japan- ese	Chin- ese	Filipino	Other and Not Stated
State Total	57,256	51,571	2,164	1,507	343	199	485	987
1,000 and under	204	176	16	3		3	2	4
1,001 - 1,500	266	225	23	12	1		3	2
1,501 - 2,000	635	542	51	21	5	3	7	6
2,001 - 2,500	2,000	1,721	129	71	24	10	22	23
2,501 - 3,000	7,981	6,892	492	213	75	39	87	183
3,001 - 3,500	20,540	18,386	820	496	143	90	221	384
3,501 - 4,000	18,052	16,565	490	486	79	46	121	265
4,001 - 4,500	6,054	5,653	113	163	13	6	19	87
4,501 and over	1,474	1,372	27	40	3	2	2	28
Not Stated	50	39	3	2			1	5

TABLE 13

LIVEBIRTHS BY MOTHER'S AGE BY BIRTHWEIGHT, WASHINGTON STATE 1977

Birthweight in Grams	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Age Unk.
State Total	57,256	102	7,744	20,890	18,476	7,990	1,721	301	13	19
1,000 and under	204	1	27	81	66	23	5			1
1,001 - 1,500	266	5	50	109	60	29	10	3		
1,501 - 2,000	635	1	122	247	171	75	16	3		
2,001 - 2,500	2,000	5	331	742	563	267	71	21		
2,501 - 3,000	7,981	19	1,350	3,035	2,352	945	233	37	3	7
3,001 - 3,500	20,540	34	3,033	7,716	6,361	2,711	580	97	2	6
3,501 - 4,000	18,052	27	2,157	6,467	6,114	2,668	509	100	8	2
4,001 - 4,500	6,054	10	531	2,041	2,224	981	232	33		2
4,501 and over	1,474		135	440	546	282	63	7		1
Not Stated	50		8	12	19	9	2			

TABLE 14

MULTIPLE LIVEBIRTHS AND IMMATURE LIVEBIRTHS BY PLACE OF RESIDENCE, WASHINGTON STATE 1977				
County and City	Sets of Twins		Sets of Triplets All Liveborn	2500 Grams and Under
	2 Liveborn	1 Liveborn		
STATE TOTAL	524	9	4	3,105
Adams	5	2		16
Asotin	2			14
Benton	10			64
Kennewick	4			26
Richland	4			19
Chelan	2			32
Wenatchee	1			15
Clallam	11			34
Port Angeles	5			13
Clark	25		1	122
Vancouver	13		1	54
Columbia	1			3
Cowlitz	5			60
Kelso				8
Longview	3			33
Douglas	4			23
Ferry				4
Franklin	4	1		32
Pasco	2	1		23
Garfield				2
Grant	10			40
Moses Lake				11
Grays Harbor	10			59
Aberdeen	4			16
Hoquiam				11
Island	7			32
Oak Harbor	2			12
Jefferson	1			9
King	143	3	1	906
Auburn	3			28
Bellevue	9			37
Kent				20
Kirkland	1			17
Mercer Island	1			4
Redmond	5			14
Renton	8			26
Seattle	68	2	1	432
Kitsap	22	1		131
Bremerton	7	1	1	38
Kittitas	2			18
Ellensburg	1			6
Klickitat	4			10
Lewis	3			46
Centralia	1			9
Lincoln	1			3
Mason	4			23
Okanogan	3			18
Pacific	3			19
Pend Oreille	1			16
Pierce	77	2		433
Puyallup	2			11
Tacoma	15	1		162
San Juan				6
Skagit	6			45
Mount Vernon	1			12
Skamania				8
Snohomish	35			210
Edmonds	1			13
Everett	4			40
Lynnwood	2			31
Mountlake Terrace	3			11
Spokane	43		1	274
Spokane (city)	31			169
Stevens	1	1		15
Thurston	19	1		78
Lacey	1			9
Olympia	9			25
Wahkiakum	1			4
Walla Walla	8			29
Walla Walla (city)	3			17
Whatcom	17			80
Bellingham	9			41
Whitman	3			14
Pullman				8
Yakima	31			173
Yakima (city)	8			49

TABLE 15

BIRTH DEFECTS AMONG LIVEBIRTHS BY PREVIOUS FETAL DEATHS, WASHINGTON STATE 1977

Defect with International List No.	Number of previous pregnancies which did not terminate in a livebirth									
	Total	Male	Female	Sex Unk.	0	1	2	3	4 and Over	Not Stated
State Total	599	343	255	1	461	90	21	7	4	16
Birthmarks, Hemangiomas, benign neoplasms and neoplasms of unspecified nature (210-228, 230-239)	14	4	10		13					1
Hernia (550, 551)	27	14	13		21	2	4			
Anencephalus (740)	14	7	7		11	2	1			
Spine Bifida (741)	17	9	8		14	2	1			
Hydrocephalus (742)	5	3	2		2	2	1			
Other Anomalies of Nervous System (743)	6	1	5		4	1		1		
Anomalies of Eye (744)	5	3	2		5					
Anomalies of Ear, Face and Neck (745)	11	7	4		11					
Anomalies of Heart (746)	64	27	37		45	15	2	1		1
Other Anomalies of Circulatory System (747)	30	19	11		20	6	1		3	
Anomalies of Respiratory System (748)	6	4	2		6					
Cleft Palate and Cleft Lip (749)	46	29	17		36	8		1		1
Other Anomalies of Upper Alimentary tract (750)	4	4			4					
Other Anomalies of Digestive System (751)	17	11	6		14	2		1		
Anomalies of Genital Organs (752)	67	65	2		49	13	2	2		1
Anomalies of Urinary System (753)	10	6	4		10					
Clubfoot (754)	44	27	17		35	5	2			2
Polydactily (7550)	25	16	9		22	1	2			
Syndactily (7551)	9	6	3		8	1				
Dislocation of Hip (7556)	21	2	19		19	2				
Other Anomalies of Limbs (755)	47	25	22		37	6	1			3
Other Anomalies of Musculoskeletal System (756)	18	8	10		11	5		1		1
Anomalies of Skin, Hair and Nails (757)	29	12	17		22	4				3
Other and Unspecified Anomalies (758)	17	10	7		9	5	2			1
Down's Syndrome (7593)	18	11	7		14	3				1
Other Anomalies Affecting Multiple Systems (759)	28	13	14	1	19	5	2	1		1

100

100

100

100

MORTALITY

TABLE 16

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1977

A. Residence Deaths, Race by Sex					D. Residence Infant Deaths by Race		
Race	Total	Male	Female	Sex Unk.	Race	Number	
Total	29,789	16,633	13,155	1	Total	696	
White	28,609	15,892	12,717	1	White	616	
Black	534	338	195		Black	40	
Indian	348	201	147		Indian	27	
Japanese	96	54	42		Japanese	0	
Chinese	57	41	16		Chinese	3	
Filipino	78	67	11		Filipino	1	
Other and Not Stated	67	40	27		Other Non-white	8	
					Unknown	1	
B. Res. Deaths, Marital Status by Sex					E. Res. and Occ. Deaths by Month		
Marital Status	Total	Male	Female	Sex Unk.	Month	Res.	Occ.
Total	29,789	16,633	13,155	1	Total	29,789	30,033
Single	3,665	2,513	1,151	1	January	2,586	2,588
Married	13,835	9,760	4,075		February	2,202	2,208
Divorced	2,512	1,623	889		March	2,578	2,583
Widowed	9,674	2,651	7,023		April	2,465	2,488
Not stated	103	86	17		May	2,562	2,593
					June	2,399	2,426
				July	2,421	2,451	
				August	2,439	2,471	
				September	2,426	2,461	
				October	2,531	2,563	
				November	2,506	2,521	
				December	2,674	2,680	
C. Res. Deaths, Age Group by Sex					F. Occurrence Deaths by Institution		
Age Group	Total	Male	Female	Sex Unk.	Institution	Occ.	
Total	29,789	16,633	13,155	1	Total	30,033	
Under 1	696	403	292	1	General Hospital	13,882	
1 - 4	127	75	52		Nursing Homes	7,272	
5 - 14	218	140	78		Home	4,967	
15 - 24	844	647	197		Psychiatric Hospital	68	
25 - 34	761	515	246		Federal Facility	1,126	
35 - 44	788	501	287		State Facility	4	
45 - 54	2,116	1,323	793		Dead on Arrival	692	
55 - 64	4,531	2,911	1,620		Other and Not Stated	2,022	
65 - 74	6,664	4,145	2,519				
75 - 84	7,532	3,839	3,693				
85 - 94	4,901	1,927	2,974				
95 & Over	606	204	402				
Age Unk.	5	3	2				
					G. Occurrence Deaths by Attendant		
					Total	30,033	
					M. D.	24,516	
					Coroner	5,088	
					Osteopath	418	
					Other	11	

TABLE 16 (Continued)

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1977

H. Residence by Leading Causes				
Rank		International List Number	Number of Deaths	Percent of Total Deaths
1	Diseases of the Heart	390-398,402,404, 410-413,420-429	10,724	36.0
2	Malignant Neoplasms	140-209	6,494	21.8
3	Cerebrovascular Disease	430-438	2,900	9.7
4	All Accidents	800-949	1,958	6.6
5	Influenza and Pneumonia	470-486	804	2.7
6	Arteriosclerosis	440	602	2.0
7	Suicide	950-959	535	1.8
8	Cirrhosis of the Liver	571	528	1.8
9	Diabetes Mellitus	250	476	1.6
10	Bronchitis, Emphysema, Asthma	490-493	429	1.4
	All Other Causes		4,339	14.6
TOTAL			29,789	100.0

I. Residence, Contributory Cause by Primary Cause

Contributory Cause* of Death	Primary Cause of Death						
	Total	Heart Dis.	Cerebrovascular Disease	Malign. Neoplasms	Influenza Pneu.	Arteriosclerosis	All Other Causes
TOTAL	29,789	10,724	2,900	6,494	804	602	8,265
Diabetes Mellitus	1,139	667	159	127	38	15	133
Diseases of the Heart	780	-	150	247	108	1	274
Malignant Neoplasms	767	390	99	-	42	26	210
Operations mentioned in Medical Section	408	128	19	87	2	11	161
Falls	250	144	32	11	7	19	37
Tuberculosis	65	16	7	13	3	2	24
Motor Vehicle Accidents	8	4	-	-	-	1	3
Other Accidents	16	1	3	-	-	-	12
Pregnancy	4	-	1	-	-	-	3

*These are deaths due primarily to some other condition, but with mention of these conditions on the death certificates.

TABLE 17
DEATHS WITH RATES* BY PLACE OF RESIDENCE AND OCCURRENCE, WASHINGTON STATE 1977

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
STATE TOTAL	29,789	8.1	30,033	8.2
Adams	90	6.5	85	6.1
Asotin	188	12.2	181	11.8
Benton	507	5.9	465	5.4
Kennewick	186	7.9	157	6.6
Richland	185	6.0	221	7.1
Chelan	442	10.5	508	12.1
Wenatchee	241	13.6	352	19.9
Clallam	425	10.3	399	9.7
Port Angeles	185	11.0	239	14.1
Clark	1,212	7.4	1,172	7.1
Vancouver	563	12.1	924	19.9
Columbia	54	11.7	48	10.4
Cowlitz	637	8.7	638	8.7
Kelso	134	12.6	23	2.2
Longview	296	9.9	518	17.4
Douglas	138	6.9	62	3.1
Ferry	44	8.5	28	5.4
Franklin	207	7.1	107	6.4
Pasco	161	10.5	170	11.1
Garfield	25	8.6	24	8.3
Grant	327	7.2	291	6.4
Moses Lake	84	8.0	107	10.2
Grays Harbor	623	10.1	550	9.0
Aberdeen	213	11.3	350	18.5
Hoquiam	117	11.2	59	5.7
Island	257	6.8	170	4.5
Oak Harbor	47	4.0	25	2.2
Jefferson	136	10.8	117	9.3
King	9,199	7.9	9,809	8.4
Auburn	201	8.7	253	11.0
Bellevue	367	5.4	342	5.0
Kent	130	7.1	29	1.6
Kirkland	159	10.4	310	20.2
Mercer Island	93	4.4	70	3.3
Redmond	116	4.8	103	5.8
Renton	222	8.2	440	16.2
Seattle	5,397	10.8	6,546	13.1
Kitsap	960	7.6	925	7.3
Bremerton	362	9.2	599	15.2
Kittitas	202	7.9	189	7.4
Ellensburg	85	6.5	131	10.1
Klickitat	119	8.6	99	7.1
Lewis	551	10.9	499	9.9
Centralia	193	18.0	227	21.2
Lincoln	110	11.2	92	9.4
Mason	219	8.9	181	7.4
Okanogan	236	8.5	230	8.3
Pacific	217	13.6	199	12.4
Pend Oreille	69	8.6	68	8.5
Pierce	3,330	7.9	3,376	8.0
Puyallup	196	12.4	393	25.0
Tacoma	1,663	10.7	1,943	12.5
San Juan	49	8.0	39	6.4
Skagit	571	10.2	614	11.0
Mount Vernon	129	11.7	216	19.6
Skamania	43	7.0	23	3.8
Snohomish	2,038	7.3	1,860	6.7
Edmonds	223	8.5	352	13.5
Everett	579	11.2	837	16.2
Lynnwood	133	6.2	64	3.0
Mountlake Terrace	55	3.3	9	0.5
Spokane	2,741	8.9	3,157	10.2
Spokane (city)	1,916	11.0	2,560	14.7
Stevens	192	7.9	139	5.7
Thurston	781	7.7	759	7.5
Lacey	120	10.2	72	6.1
Olympia	306	12.0	325	20.6
Wahkiakum	31	8.2	26	6.8
Walla Walla	469	10.7	574	13.1
Walla Walla (city)	333	13.7	468	19.3
Whatcom	728	7.8	703	7.5
Bellingham	420	9.7	541	12.5
Whitman	205	4.9	157	3.7
Pullman	40	1.7	45	1.9
Yakima	1,417	9.1	1,390	8.9
Yakima (city)	655	12.8	909	17.8

*Rates per 1,000 population

TABLE 18

DEATHS BY SEX AND RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1977

County and City	Total	Male	Female	Sex Unknown	White	Black	Indian	Jap- anese	Chi- nese	Filip- pino	Other	Not Stated
STATE TOTAL	29,789	16,633	13,155	1	28,609	534	348	96	57	78	54	13
Adams	90	53	37		89	1						
Asotin	186	101	87		187				1			
Benton	507	311	196		500	2	2		1			
Kennewick	186	112	74		183	1	1				2	
Richland	185	112	73		182	1	1				1	
Chelan	442	253	189		441		1					
Wenatchee	241	130	111		240		1					
Clallam	425	265	160		411		12			1	1	
Port Angeles	185	98	87		185							
Clark	1,212	678	534		1,199	5	4	1	2			1
Vancouver	563	298	265		556	3	1	1	1			1
Columbia	54	30	24		54							
Cowlitz	637	348	289		635		2					
Kelso	134	76	58		134							
Longview	296	151	145		295		1					
Douglas	138	91	47		138							
Ferry	44	28	16		33		11					
Franklin	207	127	80		190	17						
Pasco	161	100	61		146	15						
Garfield	25	16	9		25							
Grant	327	204	123		318	5	3					1
Moses Lake	84	44	40		82	2						
Grays Harbor	623	370	253		608		15					
Aberdeen	213	120	93		211		2					
Hoquiam	117	69	48		115		2					
Island	257	157	100		256		1					
Oak Harbor	47	28	19		46		1					
Jefferson	136	79	57		128		6	2				
King	9,199	4,878	4,321		8,586	322	71	72	51	61	28	8
Auburn	201	104	97		193	2	3			1	1	
Bellevue	367	193	174		360	2		3		1	1	
Kent	130	65	65		126		1			2		
Kirkland	159	79	80		154	3	1				1	
Mercer Island	93	56	37		89			1	3		1	
Redmond	86	30	48		85					1		
Renton	222	124	98		218	2		62	45	1	22	7
Seattle	5,397	2,855	2,542		4,851	302	56					
Kitsap	960	561	399		928	10	11	1		7	3	
Bremerton	362	188	174		350	6	2			2	2	
Kittitas	202	116	86		201							1
Ellensburg	85	48	37		85							
Klickitat	119	73	46		115		4					
Lewis	551	317	234		547	1	3					
Centralia	193	92	101		191	1	1					
Lincoln	110	65	45		109		1					
Mason	219	125	94		214		4				1	
Okanogan	236	146	90		214		21				1	
Pacific	217	129	88		212	1	3	1				
Pend Oreille	69	43	26		67		1	1				
Pierce	3,330	1,857	1,472	1	3,172	112	27	5		2	12	
Puyallup	196	110	86		194		2					
Tacoma	1,663	883	780		1,555	85	15	2		1	5	
San Juan	49	31	18		49							
Skagit	571	326	245		566		4					1
Mount Vernon	129	74	55		129							
Skamania	43	27	16		42		1					
Snohomish	2,038	1,156	882		2,020	4	11	1			2	
Edmonds	223	110	113		223							
Everett	579	340	239		573	4	2					
Lynnwood	133	64	69		132							
Mountlake Terrace	55	34	21		54			1				
Spokane	2,741	1,506	1,235		2,674	31	23	9	1	1	1	1
Spokane (city)	1,916	1,035	881		1,855	29	19	9	1	1	1	1
Stevens	192	113	79		177		15					
Thurston	781	422	359		771	1	9					
Lacey	120	48	72		119		1					
Olympia	306	171	135		302	1	3					
Wahkiakum	31	23	8		30		1					
Walla Walla	469	258	211		460	4	2	2			1	
Walla Walla (city)	333	181	152		325	4	2	2				
Whatcom	728	402	326		716		9			1	2	
Bellingham	420	209	211		416		2					
Whitman	205	111	94		204		1					
Pullman	40	22	18		40							
Yakima	1,417	837	580		1,323	18	69	1	1	5	1	
Yakima (city)	655	366	289		636	13	4		1			

TABLE 19

DEATHS BY AGE GROUP BY PLACE OF RESIDENCY, WASHINGTON STATE 1977

County and City	Total	Under 1 Yr	1 - 4 Yrs	5 - 14 Yrs	15-24 Yrs	25-34 Yrs	35-44 Yrs	45-54 Yrs	55-64 Yrs	65-74 Yrs	75-84 Yrs	85 and Over	Age Unknown
STATE TOTAL	29,789	696	127	218	844	761	788	2,116	4,531	6,664	7,532	5,507	5
Adams	90	4	1	2	5		2	5	16	22	19	14	
Asotin	188	1	1	3	4	1		17	24	33	59	40	
Renton	507	16	4	7	20	21	14	52	104	98	93	78	
Kennewick	186	8	2	2	6	11	7	23	28	39	30	30	
Richland	185	7	1	2	7	5	4	16	52	29	37	25	
Chelan	442	5	1	4	13	8	6	22	61	108	135	79	
Wenatchee	241	4		1	3	2	4	9	27	62	82	47	
Clallam	425	15	4	3	24	12	8	24	62	107	111	55	
Port Angeles	185	5	2	2	8	3	1	10	24	41	56	33	
Clark	1,212	26	5	10	41	45	40	82	195	284	285	198	1
Vancouver	563	7	1	3	16	22	14	35	92	141	135	96	1
Columbia	54	2				1	2	2	11	4	19	13	
Cowlitz	637	15	4	6	18	23	28	34	93	126	177	113	
Kelso	134	3	1	1	4	4	6	5	18	24	45	23	
Longview	296	5	1	1	5	8	14	15	40	65	73	69	
Douglas	138	9		2	6	5	5	16	20	32	21	22	
Ferry	44	1		1	4	2	2	2	6	14	7	5	
Franklin	207	4	3	4	12	7	6	16	28	55	45	27	
Pasco	161	4	3	2	8	6	4	8	22	46	38	20	
Garfield	25	1			2			1	7	6	4	4	
Grant	327	11	3	9	10	7	13	27	59	69	77	42	
Moses Lake	84	3	1	3	2	1	3	9	14	13	24	11	
Grays Harbor	623	14	2	4	13	15	16	44	104	156	155	100	
Aberdeen	213	3	1	2	5	2	5	18	41	47	55	39	
Hoquiam	117			2	5	2	3	6	15	34	32	18	
Island	257	9			9	4	5	15	53	67	53	42	
Oak Harbor	47	5		3		1	1	6	10	9	7	6	
Jefferson	136	4			7	6	8	5	19	32	37	18	
King	9,199	192	26	53	215	235	239	718	1,446	2,002	2,242	1,831	
Auburn	201	3		3	2	2	4	17	31	57	41	41	
Bellevue	367	6		4	8	8	17	40	70	63	93	58	
Kent	130	6			9	3	7	19	15	28	28	15	
Kirkland	159	6			8	4	3	14	20	29	40	35	
Marcos Island	93			1	6	1	2	9	15	17	25	17	
Redmond	86	1			3	6	5	7	12	15	23	14	
Renton	222	5	2		10	8	9	18	29	46	66	29	
Seattle	5,397	91	11	18	82	126	123	359	820	1,210	1,388	1,169	
Kitsap	960	21	3	10	27	28	26	81	134	203	267	160	
Bremerton	362	6	2	2	15	15	8	23	40	78	106	67	
Kittitas	202	2	1	2	8	4	1	14	28	51	55	36	
Ellensburg	85			1	2	2	1	6	9	21	28	15	
Klickitat	119	9	1	2	3	3	6	4	12	31	29	19	
Lewis	551	10	2	4	9	9	18	30	66	130	153	120	
Centralia	193	2		1	3	3	5	5	14	43	69	51	
Lincoln	110	3			2	5		5	13	28	34	20	
Mason	219	5	1		5	4	8	14	38	42	66	36	
Okanogan	236	3		1	10	8	6	13	30	66	59	39	1
Pacific	217	1	1	1	6	4	4	23	33	53	63	28	
Pend Oreille	69	2		1	3		2	5	10	16	14	16	
Pierce	3,330	98	18	23	109	76	96	262	540	760	840	508	
Puyallup	196	4		1	5	2	8	13	32	50	47	34	
Tacoma	1,663	35	9	10	36	38	36	109	263	386	442	299	
San Juan	49	1				4	3		11	7	15	7	
Skagit	571	6	1	1	15	10	9	31	85	128	160	125	
Mount Vernon	129	1	1		3	1	2	8	21	21	37	33	
Skamania	43	1	2		3	2	2	4	5	12	7	5	
Snohomish	2,038	48	9	16	54	62	60	140	312	452	509	376	
Edmonds	223	5		1	8	4	7	14	31	41	62	50	
Everett	579	10	2	4	9	12	12	36	91	138	139	126	
Lynnwood	133	8		1	6	3	4	15	22	27	27	20	
Mountlake Terrace	55	1	2		1		2	7	12	7	9	10	
Spokane	2,741	59	15	15	60	59	59	176	363	632	726	577	
Spokane (city)	1,916	37	10	27	41	32	119	249	430	535	577	429	
Stevens	192	3	1	2	9	4	4	7	28	44	59	31	
Thurston	781	20	7	7	25	21	22	66	115	145	195	158	
Lacey	120	3		1	5	2	2	9	11	10	45	32	
Olympia	306	9	3	1	13	7	9	18	48	64	72	62	
Wahkiakum	31			2			1		6	6		10	
Walla Walla	469	1	1	2	19	12	8	23	64	117	121	99	1
Walla Walla (city)	113	1	1	1	8	7	7	16	47	82	92	70	1
Whatcom	728	21		4	19	19	11	41	97	174	197	157	
Bellingham	420	12	1	1	6	6	1	14	50	99	124	106	
Whitman	205	3		1	6	7	2	10	25	49	56	46	
Pullman	40	1		1	3	4			3	11	7	11	
Yakima	1,417	50	9	18	47	28	44	85	217	303	362	253	1
Yakima (city)	655	16	2	5	15	11	17	37	92	144	176	140	

TABLE 20
DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1977

County and City	Diseases of the Heart		Malignant Neoplasms		Cerebrovascular Disease		Arteriosclerosis	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	10,724	292.8	6,494	177.3	2,900	79.2	602	16.4
Adams	37	266.2	20	143.9	7	50.4	0	-
Asotin	75	487.0	35	227.3	19	123.4	2	13.0
Benton	159	186.2	122	142.9	41	48.0	3	3.5
Kennewick	58	245.4	39	165.0	13	55.0	2	8.5
Richland	63	202.9	44	141.7	12	38.6	1	3.2
Chelan	176	420.0	91	217.2	49	116.9	14	33.4
Wenatchee	92	519.8	52	293.8	26	146.9	13	73.4
Clallam	166	403.9	89	216.5	37	90.0	1	2.4
Port Angeles	72	426.3	36	213.1	23	136.2	0	-
Clark	460	280.5	269	164.0	107	65.2	34	20.7
Vancouver	214	460.2	125	268.8	52	111.8	19	40.9
Columbia	22	478.3	12	260.9	5	108.7	2	43.5
Cowlitz	222	303.3	132	180.3	69	94.3	12	16.4
Kelso	46	434.0	26	245.3	15	141.5	3	28.3
Longview	110	368.8	61	204.5	31	103.9	6	20.1
Douglas	52	258.7	31	154.2	9	44.8	2	10.0
Ferry	14	272.0	8	155.4	2	38.9	0	-
Franklin	62	212.3	42	143.8	18	61.6	4	13.7
Pasco	52	338.2	30	195.1	12	78.0	3	19.5
Garfield	12	413.8	6	206.9	1	34.5	0	-
Grant	107	235.2	70	153.8	28	61.5	7	15.4
Moses Lake	29	276.8	16	143.2	9	85.9	2	19.1
Grays Harbor	251	408.8	136	221.5	55	89.6	8	13.0
Aberdeen	90	476.2	44	232.8	26	137.6	2	10.6
Hoquiam	47	450.6	30	287.6	7	67.1	1	9.6
Island	85	226.5	78	207.8	21	56.0	3	8.0
Oak Harbor	13	111.9	14	120.5	1	8.6	0	-
Jefferson	56	444.4	25	198.4	9	71.4	2	15.9
King	3,307	284.0	1,989	170.8	911	78.2	138	11.9
Auburn	68	294.9	48	208.2	21	91.1	1	4.3
Belleuve	123	179.6	85	124.1	49	71.5	5	7.3
Kent	47	257.5	22	120.5	8	43.8	2	11.0
Kirkland	48	312.7	35	228.0	13	84.7	3	19.5
Mercer Island	30	140.5	31	145.2	6	28.1	1	4.7
Redmond	23	129.5	26	140.8	5	25.2	0	-
Renton	78	287.3	59	217.3	14	51.6	3	11.0
Seattle	2,001	400.2	1,112	222.4	583	116.6	80	16.0
Kitsap	411	325.4	200	158.4	68	53.8	9	7.1
Bremerton	150	381.2	70	177.9	33	83.9	4	10.2
Kittitas	76	296.9	44	171.9	16	62.5	4	15.6
Ellensburg	39	300.0	17	130.8	5	38.5	2	15.4
Klickitat	47	338.1	19	136.7	8	57.6	5	36.0
Lewis	208	411.1	107	211.5	57	112.6	12	23.7
Centralia	74	690.9	33	308.1	20	186.7	6	56.0
Lincoln	37	377.6	22	224.5	8	81.6	8	81.6
Mason	86	349.6	59	239.8	20	81.3	2	8.1
Okanogan	92	330.9	55	197.8	12	43.2	2	7.2
Pacific	66	412.5	57	356.3	15	93.8	5	31.3
Pend Oreille	22	275.0	15	187.5	6	75.0	3	37.5
Pierce	1,217	288.1	741	175.4	341	80.7	62	14.7
Puyallup	89	565.1	42	266.7	15	95.2	4	25.4
Tacoma	599	384.0	360	230.8	192	123.1	30	19.2
San Juan	8	131.1	17	278.7	5	82.0	0	-
Skagit	210	375.0	123	219.6	58	103.6	10	17.9
Mount Vernon	67	607.9	23	208.7	10	90.7	2	18.1
Skamania	13	213.1	9	147.5	2	32.8	1	16.4
Snohomish	703	252.7	448	161.0	195	70.1	71	25.5
Edmonds	88	337.0	44	169.5	22	84.2	6	23.0
Everett	182	352.0	121	234.0	63	121.9	39	75.4
Lynnwood	48	223.8	29	135.2	11	51.3	0	-
Mountlake Terrace	20	120.8	16	96.7	4	24.2	0	-
Spokane	909	294.9	628	203.8	295	95.7	97	31.5
Spokane (city)	661	378.8	408	233.8	216	123.8	74	42.4
Stevens	68	279.8	39	160.5	18	74.1	5	20.6
Thurston	295	292.1	178	176.2	72	71.3	8	7.9
Lacey	43	364.2	30	254.1	14	118.6	0	-
Olympia	98	384.0	78	305.6	28	109.7	4	15.7
Wahkiakum	13	342.1	4	105.3	2	52.6	1	26.3
Walla Walla	161	367.6	105	239.7	70	159.8	12	27.4
Walla Walla (city)	116	477.4	75	308.6	49	201.6	8	32.9
Whatcom	291	310.9	150	160.3	59	63.0	22	23.5
Bellingham	167	386.9	85	196.9	43	99.6	16	37.1
Whitman	60	143.2	56	133.7	27	64.4	5	11.9
Pullman	10	42.6	10	42.6	5	21.3	1	4.3
Yakima	468	300.6	263	168.9	158	101.5	26	16.7
Yakima (city)	229	448.1	127	248.5	92	180.0	11	21.5

*Rate per 100,000 estimated population.

TABLE 21
DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1977

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	804	22.0	476	13.0	253	6.9	288	7.9
Adams	4	28.8	1	7.2	2	14.4	1	7.2
Asotin	5	32.5	4	26.0	1	6.5	1	6.5
Benton	7	8.2	16	18.7	10	11.7	3	3.5
Kennewick	2	8.5	8	33.8	3	12.7	2	8.5
Richland	4	12.9	5	16.1	5	16.1	1	3.2
Chelan	13	31.0	9	21.5	2	4.8	1	2.4
Wenatchee	10	56.5	4	22.6	1	5.6	1	5.6
Clallam	2	4.9	5	12.2	5	12.2	8	19.5
Port Angeles	1	5.9	2	11.8	1	5.9	5	29.6
Clark	21	12.8	15	9.1	13	7.9	5	3.0
Vancouver	12	25.8	6	12.9	3	6.5	2	4.3
Columbia	1	21.7	1	21.7	0	-	1	21.7
Cowlitz	20	27.3	9	12.3	10	13.7	6	8.2
Kelso	4	37.7	2	18.9	0	-	1	9.4
Longview	8	26.8	4	13.4	8	26.8	1	3.4
Douglas	5	24.9	1	5.0	4	19.9	4	19.9
Ferry	1	19.4	0	-	0	-	0	-
Franklin	6	20.5	5	17.1	2	6.8	2	6.8
Pasco	3	19.5	5	32.5	2	13.0	2	13.0
Garfield	0	-	0	-	0	-	1	34.5
Grant	6	13.2	10	22.0	1	2.2	3	6.6
Moses Lake	4	38.2	0	-	0	-	1	9.5
Grays Harbor	15	24.4	9	14.7	2	3.3	6	9.8
Aberdeen	3	15.9	3	15.9	1	5.3	2	10.6
Hoquiam	3	28.8	2	19.2	0	-	0	-
Island	3	8.0	4	10.7	3	8.0	3	8.0
Jefferson	4	31.7	4	31.7	1	7.9	0	-
King	322	27.7	132	11.3	63	5.4	97	8.3
Auburn	4	17.3	5	21.7	2	8.7	2	8.7
Bellevue	17	24.8	2	2.9	3	4.4	5	7.3
Kent	6	32.9	0	-	3	16.4	1	5.5
Kirkland	7	45.6	3	19.5	0	-	6	39.1
Mercer Island	4	18.7	0	-	1	4.7	0	-
Redmond	2	11.3	0	-	1	5.6	1	5.6
Renton	11	40.5	4	14.7	1	3.7	4	14.7
Seattle	202	40.4	72	14.4	26	5.2	46	9.2
Kitsap	18	14.3	10	7.9	6	4.8	10	7.9
Bremerton	5	12.7	1	2.5	4	10.2	1	2.5
Kittitas	1	3.9	3	11.7	1	3.9	0	-
Ellensburg	0	-	1	7.7	0	-	0	-
Klickitat	4	28.8	4	28.8	1	7.2	3	21.6
Lewis	10	19.8	8	15.8	3	5.9	2	4.0
Centralia	4	37.3	4	37.3	1	9.3	0	-
Lincoln	2	20.4	2	20.4	0	-	1	10.2
Mason	2	8.1	1	4.1	2	8.1	3	12.2
Okanogan	5	18.0	6	21.6	2	7.2	1	3.6
Pacific	3	18.8	3	18.8	1	6.3	0	-
Pend Oreille	2	25.0	0	-	2	25.0	1	12.5
Pierce	69	16.3	61	14.4	40	9.5	36	8.5
Puyallup	2	12.7	7	44.4	4	25.4	2	12.7
Tacoma	39	25.0	34	21.8	17	10.9	14	9.0
San Juan	1	16.4	0	-	0	-	1	16.4
Skagit	16	28.6	12	21.4	5	8.9	2	3.6
Mount Vernon	2	18.1	2	18.1	0	-	0	-
Skamania	1	16.4	2	32.8	0	-	0	-
Snohomish	47	16.9	39	14.0	19	6.8	18	6.5
Edmonds	7	26.8	6	23.0	4	15.3	2	7.7
Everett	14	27.1	10	19.3	3	5.8	3	5.8
Lynnwood	4	18.6	2	9.3	1	4.7	5	23.3
Mountlake Terrace	1	6.0	1	6.0	3	18.1	0	-
Spokane	79	25.6	39	12.7	22	7.1	30	9.7
Spokane (city)	53	30.4	26	14.9	18	10.3	17	9.7
Stevens	5	20.6	3	12.3	0	-	1	4.1
Thurston	13	12.9	15	14.9	6	5.9	10	9.9
Lacey	2	16.9	2	16.9	1	8.5	1	8.5
Olympia	6	23.5	3	11.8	3	11.8	4	15.7
Wahkiakum	0	-	0	-	0	-	0	-
Walla Walla	9	20.5	3	6.8	3	6.8	1	2.3
Walla Walla (city)	6	24.7	3	12.3	3	12.3	1	4.1
Whatcom	20	21.4	13	13.9	6	6.4	8	8.5
Bellingham	13	30.1	6	13.9	5	11.6	4	9.3
Whitman	8	19.1	2	4.8	1	2.4	0	-
Pullman	0	-	0	-	0	-	0	-
Yakima	54	34.7	25	16.1	14	9.0	18	11.6
Yakima (city)	27	52.8	8	15.7	8	15.7	3	5.9

*Rates per 100,000 estimated population

TABLE 22

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE, 1977

County and City	Bronchitis, Emphysema and Asthma		Alcoholism	Cirrhosis of the Liver			Chronic and Unspecified Nephritis			
	Number	Rate		Number	Rate	With Mention of Alcoholism		Without Mention of Alcoholism	Total	Number
STATE TOTAL	429	11.7	71	1.9	220	308	528	14.4	72	2.0
Adams	0	-	1	7.2	0	0	0	-	0	-
Asotin	2	13.0	0	-	1	0	1	6.5	0	-
Benton	11	12.9	1	1.2	1	3	4	4.7	2	2.3
Kennewick	4	16.9	0	-	1	1	2	8.5	0	-
Richland	5	16.1	1	3.2	0	2	2	6.4	2	6.4
Chelan	3	7.2	0	-	5	2	7	16.7	2	4.8
Wenatchee	1	5.6	0	-	4	2	6	33.9	2	11.3
Ciallam	3	7.3	1	2.4	6	4	10	24.3	0	-
Port Angeles	1	5.9	0	-	1	1	2	11.8	0	-
Clark	19	11.6	2	1.2	10	14	24	14.6	2	1.2
Vancouver	7	15.1	0	-	7	5	12	25.8	2	4.3
Columbia	1	21.7	0	-	0	1	1	21.7	0	-
Cowlitz	18	24.6	4	5.5	2	2	4	5.5	1	1.4
Kelso	5	47.2	1	9.4	1	0	1	9.4	0	-
Longview	6	20.1	2	6.7	0	2	2	6.7	0	-
Douglas	1	5.0	0	-	0	0	0	-	0	-
Ferry	0	-	0	-	0	0	0	-	0	-
Franklin	5	17.1	2	6.8	1	2	3	10.3	1	3.4
Pasco	5	32.5	1	6.5	0	2	2	13.0	1	6.5
Garfield	0	-	0	-	1	0	1	34.5	0	-
Grant	7	15.4	1	2.2	3	4	7	15.4	0	-
Moses Lake	0	-	0	-	1	0	1	9.5	0	-
Grays Harbor	6	9.8	3	4.9	1	6	7	11.4	2	3.3
Aberdeen	2	10.6	0	-	0	2	2	10.6	1	5.3
Hoquiam	1	9.6	0	-	0	0	0	-	0	-
Island	3	8.0	0	-	1	2	3	8.0	1	2.7
Oak Harbor	0	-	0	-	1	1	2	17.2	0	-
Jefferson	1	7.9	0	-	2	1	3	23.8	0	-
King	117	10.0	14	1.2	70	149	219	18.8	20	1.7
Auburn	4	17.3	0	-	1	1	2	8.7	0	-
Belleuve	4	5.8	1	1.5	0	5	5	7.3	0	-
Kent	0	-	1	5.5	1	6	7	38.4	0	-
Kirkland	5	33.6	0	-	0	0	0	-	0	-
Mercer Island	0	-	0	-	0	0	0	-	0	-
Redmond	2	11.3	0	-	0	1	1	5.6	1	5.6
Renton	0	-	0	-	5	1	6	22.1	1	3.7
Seattle	63	12.6	9	1.8	44	101	145	29.0	10	2.0
Kitsap	13	10.3	2	1.6	1	11	12	9.5	1	0.8
Bremerton	7	17.8	0	-	0	4	4	10.2	1	2.5
Kittitas	3	11.7	0	-	1	2	3	11.7	2	7.8
Ellensburg	2	15.4	0	-	0	1	1	7.7	2	15.4
Klickitat	4	28.8	1	7.2	0	2	2	14.4	0	-
Lewis	4	7.9	4	7.9	7	1	8	15.8	1	2.0
Centralia	3	28.0	2	18.7	2	1	3	28.0	0	-
Lincoln	1	10.2	0	-	0	1	1	10.2	2	20.4
Mason	2	8.1	0	-	1	2	3	12.2	1	4.1
Okanogan	6	21.6	0	-	2	3	5	18.0	1	3.6
Pacific	5	31.3	3	18.8	2	1	3	18.8	1	6.3
Pend Oreille	0	-	0	-	0	0	0	-	2	25.0
Pierce	43	10.2	10	2.4	43	23	66	15.6	10	2.4
Puyallup	2	12.7	0	-	4	2	6	38.1	1	6.3
Tacoma	23	14.7	8	5.1	19	15	34	21.8	6	3.8
San Juan	1	16.4	0	-	0	0	0	-	0	-
Skagit	10	17.9	1	1.8	3	4	7	12.5	0	-
Mount Vernon	0	-	0	-	1	1	2	18.1	0	-
Skamania	0	-	0	-	1	1	2	32.8	0	-
Snohomish	26	9.3	5	1.8	13	16	29	10.4	5	1.8
Edmonds	0	-	0	-	0	0	0	-	0	-
Everett	15	29.0	4	7.7	5	6	11	21.3	1	1.9
Lynnwood	1	4.7	0	-	1	1	2	9.3	0	-
Mountlake Terrace	0	-	0	-	1	1	2	12.1	0	-
Spokane	51	16.5	6	1.9	17	28	45	14.6	6	1.9
Spokane (city)	28	16.0	6	3.4	13	19	32	18.3	3	1.7
Stevens	5	20.6	0	-	4	2	6	24.7	0	-
Thurston	6	5.9	3	3.0	6	5	11	10.9	1	1.0
Lacey	1	8.5	1	8.5	1	2	3	25.4	0	-
Olympia	4	15.7	2	7.8	3	1	4	15.7	0	-
Wahkiakum	1	26.3	0	-	0	0	0	-	0	-
Walla Walla	8	18.3	0	-	1	1	2	4.6	3	6.8
Walla Walla (city)	7	28.8	0	-	1	1	2	8.2	2	8.2
Whatcom	10	10.7	1	1.1	3	2	5	5.3	0	-
Bellingham	6	13.9	0	-	1	2	3	7.0	0	-
Whitman	1	2.4	0	-	0	2	2	4.8	1	2.4
Pullman	0	-	0	-	0	0	0	-	0	-
Yakima	32	20.6	6	3.9	11	11	22	14.1	4	2.6
Yakima (City)	18	35.2	3	5.9	4	4	8	15.7	1	2.0

*Rate per 100,000 estimated population

TABLE 23

DEATHS BY CERTAIN INFECTIVE AND PARASITIC DISEASES BY PLACE OF RESIDENCE, WASHINGTON STATE 1977				
County and City	Total	Tuberculosis All Forms	Septicaemia and Pyemia	All Other Causes
STATE TOTAL	197	26	67	104
Adams	0			
Asotin	5			5
Benton	4	2		2
Kennewick	2	2		
Richland	1			1
Chelan	0			
Menatchee	0			
Clallam	3	1		2
Port Angeles	0			
Clark	1		1	
Vancouver	0			
Columbia	0			
Cowlitz	3			3
Kelso	0			
Longview	2			2
Douglas	1	1		
Ferry	0			
Franklin	1			1
Pasco	1			1
Garfield	0			
Grant	3		2	1
Moses Lake	2		1	1
Grays Harbor	3			3
Aberdeen	1			1
Hoquiam	0			
Island	3	1	1	1
Oak Harbor	2	1	1	
Jefferson	2			2
King	67	8	25	34
Auburn	0			
Bellevue	2	1		1
Kent	1			1
Kirkland	1			1
Mercer Island	2			2
Redmond	2		2	
Renton	3		1	2
Seattle	35	5	14	16
Kitsap	12	2	3	7
Bremerton	4	2	1	1
Kittitas	1			1
Ellensburg	0			
Klickitat	1			1
Lewis	4		1	3
Centralia	1			1
Lincoln	0			
Mason	1			1
Okanogan	1		1	
Pacific	3		1	2
Pend Oreille	1	1		
Pierce	24	2	8	14
Puyallup	2			2
Tacoma	11	1	3	7
San Juan	0			
Skagit	1	1		
Mount Vernon	0			
Skamania	1	1		
Snohomish	13	2	6	5
Edmonds	1		1	
Everett	4		2	
Lynnwood	1	1		2
Mountlake Terrace	0			
Spokane	17	1	8	8
Spokane (city)	13	1	7	5
Stevens	0			
Thurston	4		2	2
Lacey	1			1
Olympia	2		2	
Wahkiakum	0			
Walla Walla	0			
Walla Walla (city)	0			
Whatcom	5	1	2	2
Bellingham	1		1	
Whitman	2		1	1
Pullman	2		1	1
Yakima	10	2	5	3
Yakima (city)	3		3	

TABLE 24

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1977												
County and City	All Accidents Number	Rate	Motor Vehicle Number	Rate	Falls Number	Rate	Drowning Number	Rate	Fires Number	Rate	All Other Accidents Number	Rate
STATE TOTAL	1,958	53.5	995	27.2	254	6.9	185	5.1	90	2.5	434	11.9
Adams	10	71.9	5	36.0	0	-	0	-	0	-	5	36.0
Asotin	15	97.4	9	58.4	2	13.0	1	6.5	2	13.0	1	6.5
Benton	53	62.1	28	32.8	9	10.5	4	4.7	2	2.3	10	11.7
Kennewick	24	101.5	9	38.1	8	33.8	0	-	2	8.5	5	21.2
Richland	13	41.9	9	29.0	1	3.2	2	6.4	0	-	1	3.2
Chelan	36	85.9	20	47.7	4	9.5	3	7.2	2	4.8	7	16.7
Wenatchee	9	50.8	5	28.2	3	16.9	0	-	0	-	1	5.6
Clallam	43	104.6	28	68.1	5	12.2	4	9.7	0	-	6	14.6
Port Angeles	13	77.0	8	47.4	1	5.9	1	5.9	0	-	3	17.8
Clark	86	52.4	55	33.5	4	2.4	15	9.1	3	1.8	9	5.5
Vancouver	40	86.0	22	47.3	3	6.5	8	17.2	2	4.3	5	10.8
Columbia	2	43.5	0	-	1	21.7	1	21.7	0	-	0	-
Cowlitz	46	62.8	20	27.3	5	6.8	5	6.8	3	4.1	13	17.8
Kelso	7	66.0	2	18.9	2	18.9	1	9.4	1	9.4	1	9.4
Longview	15	50.3	7	23.5	2	6.7	1	3.4	1	3.4	4	13.4
Douglas	16	79.6	6	29.9	1	5.0	2	10.0	1	5.0	6	29.9
Ferry	12	233.1	7	136.0	2	38.9	1	19.4	1	19.4	1	19.4
Franklin	15	51.4	9	30.8	0	-	3	10.3	0	-	3	10.3
Pasco	9	58.5	5	32.5	0	-	3	19.5	0	-	1	6.5
Garfield	2	69.0	2	69.0	0	-	0	-	0	-	0	-
Grant	26	57.1	12	26.4	1	2.2	4	8.8	0	-	9	19.8
Moses Lake	5	47.7	2	19.1	0	-	1	9.5	0	-	2	19.1
Grays Harbor	48	78.2	24	39.1	5	8.1	5	8.1	1	1.6	13	21.2
Aberdeen	9	47.6	4	21.2	2	10.6	1	5.3	0	-	2	10.6
Hoquiam	11	105.5	4	38.4	3	28.8	1	9.6	1	9.6	2	19.2
Island	15	40.0	10	26.6	1	2.7	1	2.7	1	2.7	2	5.3
Oak Harbor	1	8.6	1	8.6	0	-	0	-	0	-	0	-
Jefferson	15	119.0	13	103.2	2	15.9	0	-	0	-	0	-
King	514	44.1	222	19.1	96	8.2	44	3.8	23	2.0	129	11.1
Auburn	12	52.0	4	17.3	2	8.7	1	4.3	0	-	5	21.7
Belleve	20	29.2	7	10.2	2	2.9	1	1.5	0	-	10	14.6
Kent	16	87.7	10	54.8	1	5.5	1	5.5	1	5.5	3	16.4
Kirkland	9	58.6	3	19.5	0	-	0	-	1	6.5	4	26.0
Mercer Island	5	23.4	3	14.1	2	9.4	0	-	0	-	0	-
Redmond	8	45.1	4	22.5	2	11.3	0	-	0	-	2	11.3
Renton	14	51.6	4	14.7	4	14.7	3	11.0	0	-	3	11.0
Seattle	250	50.0	79	15.8	67	13.4	25	5.0	13	2.6	66	13.2
Kitsap	62	49.1	39	30.9	6	4.8	5	4.0	0	-	12	9.5
Bremerton	27	68.6	16	40.7	3	7.6	2	5.1	0	-	6	15.2
Kittitas	19	74.2	6	23.4	1	3.9	4	15.6	0	-	8	31.3
Ellensburg	4	30.8	1	7.7	0	-	0	-	0	-	3	23.1
Klickitat	9	64.7	2	14.4	4	28.8	2	14.4	0	-	1	7.2
Lewis	40	79.1	21	41.5	3	5.9	2	4.0	3	5.9	11	21.7
Centralia	8	74.7	4	37.3	1	9.3	0	-	1	9.3	2	18.7
Lincoln	9	91.8	5	51.0	1	10.2	1	10.2	0	-	2	20.4
Mason	15	61.0	11	44.7	0	-	1	4.1	0	-	3	12.2
Okanogan	16	57.6	11	39.6	0	-	2	7.2	2	7.2	1	3.6
Pacific	21	131.3	7	43.8	1	6.3	3	18.8	2	12.5	8	50.0
Pend Oreille	7	87.5	4	50.0	0	-	0	-	1	12.5	2	25.0
Pierce	215	50.9	110	26.0	29	6.9	23	5.4	3	0.7	50	11.8
Puyallup	10	63.5	6	38.1	0	-	0	-	1	6.3	3	19.0
Tacoma	89	57.1	35	22.4	12	7.7	11	7.1	2	1.3	29	18.6
San Juan	6	98.4	4	65.6	0	-	1	16.4	0	-	1	16.4
Skagit	27	48.2	13	23.2	4	7.1	3	5.4	3	5.4	4	7.1
Mount Vernon	7	63.5	4	36.3	1	9.1	0	-	1	9.1	1	9.1
Skamania	8	131.1	1	16.4	1	16.4	2	32.8	4	65.6	0	-
Snohomish	135	48.5	69	24.8	18	6.5	9	3.2	8	2.9	31	11.1
Edmonds	7	26.8	6	23.0	0	-	0	-	0	-	1	3.8
Everett	31	60.0	11	21.3	9	17.4	1	1.9	3	5.8	7	13.5
Lynnwood	14	65.3	9	42.0	1	4.7	3	14.0	0	-	1	4.7
Mountlake Terrace	2	12.1	2	12.1	0	-	0	-	0	-	0	-
Spokane	132	42.8	66	21.4	22	7.1	7	2.3	8	2.6	29	9.4
Spokane (city)	87	49.9	38	21.8	19	10.9	5	2.9	7	4.0	18	10.3
Stevens	14	57.6	8	32.9	0	-	4	16.5	0	-	2	8.2
Thurston	52	51.5	32	31.7	3	3.0	5	5.0	4	4.0	8	7.9
Lacey	5	42.3	3	25.4	1	8.5	1	8.5	0	-	0	-
Olympia	16	62.7	9	35.3	2	7.8	1	3.9	2	7.8	2	7.8
Wahkiakum	3	78.9	0	-	1	26.3	0	-	0	-	2	52.6
Walla Walla	31	70.8	12	27.4	4	9.1	1	2.3	1	2.3	13	29.7
Walla Walla (city)	20	82.3	7	28.8	2	8.2	0	-	1	4.1	10	41.2
Whatcom	46	49.1	25	26.7	3	3.2	7	7.5	0	-	11	11.8
Bellingham	14	32.4	2	4.6	1	2.3	5	11.6	0	-	6	13.9
Whitman	17	40.6	12	28.6	2	4.8	1	2.4	1	2.4	1	2.4
Pullman	8	34.0	6	25.5	1	4.3	1	4.3	0	-	0	-
Yakima	120	77.1	67	43.0	13	8.3	9	5.8	11	7.1	20	12.8
Yakima (City)	39	76.3	23	45.0	5	9.8	2	3.9	4	7.8	5	9.8

*Rate per 100,000 estimated population.

TABLE 25

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1977												
County and City	All Accidents Number	Rate	Motor Vehicle Number	Rate	Falls Number	Rate	Drowning Number	Rate	Fire Number	Rate	All Other Accidents Number	Rate
STATE TOTAL	1,079	54.0	988	27.0	256	7.0	186	5.1	93	2.5	456	12.5
Adams	8	57.6	5	36.0	0	-	0	-	0	-	3	21.6
Asotin	7	45.5	2	13.0	1	6.5	1	6.5	2	13.0	1	6.5
Benton	58	67.9	32	37.5	9	10.5	5	5.9	4	4.7	8	9.4
Kennewick	16	67.7	5	21.2	5	21.2	2	8.5	3	12.7	1	4.2
Richland	22	70.9	12	38.6	4	12.9	1	3.2	1	3.2	4	12.9
Chelan	39	93.1	23	54.9	5	11.9	4	9.5	2	4.8	5	11.9
Wenatchee	19	107.3	11	62.1	5	28.2	0	-	1	5.6	2	11.3
Clallam	46	111.9	29	70.6	5	12.2	3	7.3	0	-	9	21.9
Port Angeles	11	65.1	9	53.3	1	5.9	0	-	0	-	1	5.9
Clark	67	40.9	35	21.3	5	3.0	9	5.5	3	1.8	15	9.1
Vancouver	38	81.7	18	38.7	5	10.8	2	4.3	2	4.3	11	23.7
Columbia	2	43.5	2	43.5	0	-	0	-	0	-	0	-
Cowlitz	48	65.6	20	27.3	4	5.5	5	6.8	3	4.1	16	21.9
Kelso	2	18.9	0	-	0	-	1	9.4	1	9.4	0	-
Longview	19	63.7	5	16.8	4	13.4	2	6.7	0	-	8	26.8
Douglas	11	54.7	4	19.9	1	5.0	2	10.0	1	5.0	3	14.9
Ferry	7	136.0	4	77.7	0	-	1	19.4	1	19.4	1	19.4
Franklin	12	41.1	7	24.0	0	-	1	3.4	0	-	4	13.7
Pasco	8	52.0	5	32.5	0	-	1	6.5	0	-	2	13.0
Garfield	2	69.0	2	69.0	0	-	0	-	0	-	0	-
Grant	34	74.7	17	37.4	1	2.2	9	19.8	0	-	7	15.4
Moses Lake	2	19.1	1	9.5	0	-	1	9.5	0	-	0	-
Grays Harbor	52	84.7	28	45.6	3	4.9	5	8.1	0	-	16	26.1
Aberdeen	19	100.5	8	42.3	3	15.9	1	5.3	0	-	7	37.0
Hoquiam	3	28.8	0	-	0	-	0	-	0	-	3	28.8
Island	17	45.3	10	26.6	1	2.7	2	5.3	1	2.7	3	8.0
Oak Harbor	0	-	0	-	0	-	0	-	0	-	0	-
Jefferson	14	111.1	9	71.4	1	7.9	1	7.9	0	-	3	23.8
King	479	41.1	193	16.6	98	8.4	34	2.9	28	2.4	126	10.8
Auburn	14	60.7	8	34.7	2	8.7	1	4.3	0	-	3	13.0
Bellevue	17	24.8	8	11.7	2	2.9	1	1.5	0	-	6	8.8
Kent	4	21.9	3	16.4	0	-	0	-	0	-	1	5.5
Kirkland	16	104.2	12	78.2	3	19.5	0	-	0	-	1	6.5
Mercer Island	6	28.1	6	28.1	0	-	0	-	0	-	0	-
Redmond	9	50.7	3	16.9	1	5.6	0	-	1	5.6	4	22.5
Renton	35	128.9	22	81.0	5	18.4	2	7.4	0	-	6	22.1
Seattle	263	52.6	78	15.6	74	14.8	14	2.8	24	4.8	73	14.6
Kitsap	65	51.5	43	34.0	4	3.2	4	3.2	0	-	14	11.1
Bremerton	35	88.9	23	58.4	4	10.2	2	5.1	0	-	6	15.2
Kittitas	21	82.0	11	43.0	0	-	4	15.6	0	-	6	23.4
Ellensburg	6	46.2	3	23.1	0	-	0	-	0	-	3	23.1
Klickitat	10	71.9	6	43.2	2	14.4	1	7.2	0	-	1	7.2
Lewis	32	63.2	20	39.5	2	4.0	2	4.0	3	5.9	5	9.9
Centralia	9	84.0	5	46.7	1	9.3	1	9.3	1	9.3	1	9.3
Lincoln	11	112.2	3	30.6	1	10.2	2	20.4	0	-	5	51.0
Mason	24	97.6	16	65.0	0	-	4	16.3	0	-	4	16.3
Okanogan	24	86.3	18	64.7	0	-	3	10.8	1	3.6	2	7.2
Pacific	33	206.3	10	62.5	0	-	15	93.8	2	12.5	6	37.5
Pend Oreille	17	212.5	6	75.0	0	-	4	50.0	1	12.5	6	75.0
Pierce	206	48.8	107	25.3	32	7.6	17	4.0	3	0.7	47	11.1
Puyallup	9	57.1	4	25.4	1	6.3	0	-	0	-	4	25.4
Tacoma	91	58.3	47	30.1	18	11.5	6	3.8	1	0.6	19	12.2
San Juan	5	82.0	2	32.8	1	16.4	1	16.4	0	-	1	16.4
Skagit	34	60.7	17	30.4	6	10.7	2	3.6	2	3.6	7	12.5
Mount Vernon	9	81.7	7	63.5	1	9.1	0	-	0	-	1	9.1
Skamania	8	131.1	0	-	0	-	2	32.8	4	65.6	2	32.8
Snohomish	147	52.8	76	27.3	19	6.8	13	4.7	8	2.9	31	11.1
Edmonds	18	68.9	12	46.0	1	3.8	2	7.7	0	-	3	11.5
Everett	62	119.9	33	63.8	13	25.1	4	7.7	3	5.8	9	17.4
Lynnwood	2	9.3	0	-	1	4.6	0	-	0	-	1	4.6
Mountlake Terrace	0	-	0	-	0	-	0	-	0	-	0	-
Spokane	144	46.7	66	21.4	26	8.4	5	1.6	9	2.9	38	12.3
Spokane (city)	97	55.6	39	22.3	21	12.0	2	1.1	9	5.2	26	14.9
Stevens	15	61.7	10	41.2	1	4.1	2	8.2	0	-	2	8.2
Thurston	53	52.4	30	29.7	4	4.0	5	5.0	3	3.0	11	10.9
Lacey	0	-	0	-	0	-	0	-	0	-	0	-
Olympia	31	121.5	18	70.5	4	15.7	2	7.8	1	3.9	6	23.5
Mahkiakum	4	105.3	1	26.3	1	26.3	0	-	0	-	2	52.6
Walla Walla	31	70.8	15	34.2	5	11.4	3	6.8	1	2.3	7	16.0
Walla Walla (city)	18	74.1	7	28.8	5	20.6	0	-	1	4.1	5	20.6
Whatcom	49	52.4	30	32.1	3	3.2	7	7.5	0	-	9	9.6
Bellingham	19	44.0	10	23.2	2	4.6	1	2.3	0	-	6	13.9
Whitman	18	43.0	11	26.3	3	7.2	0	-	1	2.4	3	7.2
Pullman	4	17.0	3	12.8	1	4.3	0	-	0	-	0	-
Yakima	125	80.3	68	43.7	12	7.7	8	5.1	10	6.4	27	17.3
Yakima (city)	49	95.9	27	52.8	7	13.7	0	-	3	5.9	12	23.5

*Rate per 100,000 estimated population

TABLE 26

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1977						
County and City	Suicide		Homicide		Undetermined External Injuries	
	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	535	14.6	164	4.5	78	2.1
Adams	0	-	1	7.2	0	-
Asotin	3	19.5	2	13.0	0	-
Benton	7	8.2	1	1.2	2	2.3
Kennewick	2	8.5	1	4.2	2	8.5
Richland	2	6.4	0	-	0	-
Chelan	4	9.5	1	2.4	0	-
Wenatchee	2	11.3	1	5.6	0	-
Clallam	6	14.6	0	-	1	2.4
Port Angeles	2	11.8	0	-	0	-
Clark	19	11.6	7	4.3	7	4.3
Vancouver	7	15.1	4	8.6	2	4.3
Columbia	0	-	0	-	0	-
Cowlitz	14	19.1	3	4.1	1	1.4
Kelso	5	47.2	2	18.9	0	-
Longview	6	20.1	1	3.4	1	3.4
Douglas	0	-	0	-	0	-
Ferry	1	19.4	0	-	0	-
Franklin	7	24.0	5	17.1	0	-
Pasco	6	39.0	5	32.5	0	-
Garfield	1	34.5	0	-	0	-
Grant	7	15.4	2	4.4	1	2.2
Moses Lake	2	19.1	0	-	1	9.5
Grays Harbor	8	13.0	2	3.3	0	-
Aberdeen	3	15.9	0	-	0	-
Hoquiam	3	28.8	1	9.6	0	-
Island	4	10.7	2	5.3	2	5.3
Oak Harbor	1	8.6	0	-	1	8.6
Jefferson	2	15.9	0	-	1	7.9
King	178	15.3	60	5.2	37	3.2
Auburn	5	21.7	1	4.3	0	-
Bellevue	11	16.1	1	1.5	0	-
Kent	6	32.9	0	-	0	-
Kirkland	2	13.0	1	6.5	0	-
Mercer Island	4	18.7	0	-	0	-
Redmond	2	11.3	0	-	1	3.7
Renton	6	22.1	0	-	0	-
Seattle	96	19.2	42	8.4	26	5.2
Kitsap	13	10.3	5	4.0	2	1.6
Bremerton	6	15.2	3	7.6	2	5.1
Kittitas	2	7.8	0	-	0	-
Ellensburg	1	7.7	0	-	0	-
Klickitat	2	14.4	0	-	0	-
Lewis	7	13.8	3	5.9	0	-
Centralia	2	18.7	1	9.3	0	-
Lincoln	3	30.6	0	-	1	10.2
Mason	1	4.1	0	-	1	4.1
Okanogan	7	25.2	4	14.4	0	-
Pacific	6	37.5	0	-	1	6.3
Pend Oreille	1	12.5	0	-	0	-
Pierce	62	14.7	28	6.6	7	1.7
Puyallup	2	12.7	0	-	0	-
Tacoma	27	17.3	16	10.3	1	0.6
San Juan	1	16.4	0	-	0	-
Skagit	9	16.1	1	1.8	1	1.8
Mount Vernon	2	18.1	0	-	0	-
Skamania	2	32.8	0	-	0	-
Snohomish	49	17.6	9	3.2	3	1.1
Edmonds	7	26.8	0	-	0	-
Everett	11	21.3	3	5.8	0	-
Lynnwood	3	14.0	0	-	1	4.7
Mountlake Terrace	1	6.0	0	-	1	6.0
Spokane	57	18.5	11	3.6	3	1.0
Spokane (city)	39	22.3	7	4.0	1	0.6
Stevens	4	16.5	1	4.1	2	8.2
Thurston	12	11.9	0	-	1	1.0
Lacey	1	8.5	0	-	1	8.5
Olympia	8	31.3	0	-	0	-
Wahkiakum	1	26.3	1	26.3	0	-
Walla Walla	8	18.3	2	4.6	1	2.3
Walla Walla (city)	5	20.6	0	-	1	4.1
Whatcom	11	11.8	1	1.1	1	1.1
Bellingham	2	4.6	1	2.3	0	-
Whitman	3	7.2	0	-	0	-
Pullman	1	4.3	0	-	0	-
Yakima	13	8.3	12	7.7	2	1.3
Yakima (city)	0	-	4	7.8	2	3.9

*Rate per 100,000 estimated population

TABLE 27

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1977

County and City	Suicide		Homicide		Undetermined External Injuries	
	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	533	14.6	171	4.7	76	2.1
Adams	1	7.2	1	7.2	0	-
Asotin	3	19.5	2	13.0	0	-
Benton	8	9.4	1	1.2	3	3.5
Kennewick	2	8.5	1	4.2	2	8.5
Richland	3	9.7	0	-	0	-
Chelan	4	9.5	2	4.8	0	-
Wenatchee	2	11.3	1	5.6	0	-
Clallam	7	17.0	1	2.4	1	2.4
Port Angeles	2	11.8	1	5.9	0	-
Clark	17	10.4	8	4.9	6	3.7
Vancouver	9	19.4	3	6.5	2	4.3
Columbia	0	-	0	-	0	-
Cowlitz	12	16.4	3	4.1	1	1.4
Kelso	4	37.7	1	9.4	0	-
Longview	3	10.1	1	3.4	1	3.4
Douglas	0	-	0	-	0	-
Ferry	1	19.4	0	-	0	-
Franklin	6	20.5	4	13.7	0	-
Pasco	4	26.0	4	26.0	0	-
Garfield	1	34.5	0	-	0	-
Grant	6	13.2	2	4.4	1	3.2
Moses Lake	2	19.1	0	-	1	9.5
Grays Harbor	7	11.4	2	3.3	0	-
Aberdeen	2	10.6	1	5.3	0	-
Hoquiam	2	19.2	0	-	0	-
Island	5	13.5	2	5.3	1	2.7
Oak Harbor	1	8.6	0	-	1	8.6
Jefferson	1	7.9	0	-	1	7.9
King	178	15.3	55	4.7	39	3.3
Auburn	6	26.0	2	8.7	0	-
Bellevue	10	14.6	0	-	0	-
Kent	5	27.4	0	-	0	-
Kirkland	3	19.5	0	-	0	-
Mercer Island	3	14.1	0	-	0	-
Redmond	0	-	0	-	0	-
Renton	10	36.8	2	7.4	2	7.4
Seattle	101	20.2	40	8.0	29	5.8
Kitsap	15	11.9	6	4.8	2	1.6
Bremerton	7	17.8	5	12.7	2	5.1
Kittitas	1	3.9	0	-	0	-
Ellensburg	1	7.7	0	-	0	-
Klickitat	2	14.4	1	7.2	0	-
Lewis	7	13.8	4	7.9	0	-
Centralia	2	18.7	1	9.3	0	-
Lincoln	3	30.6	0	-	1	10.2
Mason	0	-	0	-	1	4.1
Okanogan	7	25.2	4	14.4	0	-
Pacific	7	43.8	0	-	0	-
Pend Oreille	1	12.5	0	-	0	-
Pierce	64	15.2	29	6.9	6	1.4
Puyallup	1	6.3	0	-	0	-
Tacoma	25	16.0	15	9.6	3	1.9
San Juan	2	32.8	0	-	1	16.4
Skagit	12	21.4	2	3.6	1	1.8
Mount Vernon	2	18.1	1	9.1	0	-
Skamania	2	32.8	0	-	0	-
Snohomish	42	15.1	14	5.0	1	0.4
Edmonds	8	30.6	1	3.8	0	-
Everett	9	17.4	6	11.6	1	1.9
Lynnwood	1	4.7	0	-	0	-
Mountlake Terrace	1	6.0	0	-	0	-
Spokane	58	18.8	11	3.6	2	0.6
Spokane (city)	40	22.9	8	4.6	2	1.1
Stevens	3	12.3	1	4.1	3	12.3
Thurston	12	11.9	0	-	1	1.0
Lacey	1	8.5	0	-	1	8.5
Olympia	7	27.4	0	-	0	-
Wahkiakum	1	26.3	0	-	0	-
Walla Walla	8	18.3	2	4.6	1	2.3
Walla Walla (city)	4	16.5	0	-	1	4.1
Whatcom	12	12.8	0	-	1	1.1
Bellingham	5	11.6	0	-	1	2.3
Whitman	2	4.8	0	-	1	2.4
Pullman	1	4.3	0	-	0	-
Yakima	15	9.6	14	9.0	1	0.6
Yakima (city)	7	13.7	4	7.8	1	2.0

* Rate per 100,000 estimated population

TABLE 28

RESIDENCE DEATHS WITH RATES 1/BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1977

Cause with International List Number	Total Number	Total Rate	Male Number	Male Rate	Female Number	Female Rate	Sex Unk.
TOTAL ALL CAUSES	29,789	813.5	16,633	916.4	13,155	712.3	1
Enteritis and other diarrheal disease (008, 009)	38	1.0	18	1.0	20	1.1	
Tuberculosis, All Forms (010-019)	26	0.7	15	0.8	11	0.6	
Tuberculosis of the respiratory system (010-012)	(18)	0.5	(13)	0.7	(5)	0.3	
Whooping Cough (033)	2	0.1	1	0.1	1	0.1	
Septicemia (038)	67	1.8	36	2.0	31	1.7	
Syphilis and its sequelae (090-097)	1	2/	1	0.1			
All other infective and parasitic diseases excluding numbers listed above (000-136)	63	1.7	35	1.9	28	1.5	
Malignant neoplasms including neoplasms of lymphatic and hematopoietic tissues (140-209)	6,494	177.3	3,466	191.0	3,028	163.9	
Malignant neoplasms of buccal cavity and pharynx (140-149)	(140)	3.8	(80)	4.4	(60)	3.2	
Malignant neoplasms of digestive organs and peritoneum (150-159)	(1,680)	45.9	(860)	47.4	(820)	44.4	
Malignant neoplasms of respiratory system (160-163)	(1,672)	45.7	(1,227)	67.6	(445)	24.1	
Malignant neoplasms of breast (174)	(578)	15.8	(4)	0.2	(574)	31.1	
Malignant neoplasms of genital organs (180-187)	(766)	20.9	(386)	21.3	(380)	20.6	
Malignant neoplasms of urinary organs (188, 189)	(321)	8.8	(211)	11.6	(110)	6.0	
Malignant neoplasms of other and unspecified sites (170-173, 190-199)	(699)	19.1	(359)	19.8	(340)	18.4	
Leukemia (204-207)	(287)	7.8	(165)	9.1	(122)	6.6	
Other neoplasms of lymphatic and hematopoietic tissues (200-203, 208, 209)	(351)	9.6	(174)	9.6	(177)	9.6	
Benign and unspecified neoplasms (210-239)	44	1.2	19	1.0	25	1.4	
Diabetes Mellitus (250)	476	13.0	207	11.4	269	14.6	
Avitaminosis and other nutritional deficiency (260-269)	43	1.2	16	0.9	27	1.5	
Anemias (280-285)	47	1.3	20	1.1	27	1.5	
Alcoholism (303)	71	1.9	61	3.4	10	0.5	
Meningitis (320)	22	0.6	10	0.6	12	0.6	

TABLE 28 (con't)

RESIDENCE DEATHS WITH RATES 1/ BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1977

Cause with International List Number	Total		Male		Female		Sex Unk.
	Number	Rate	Number	Rate	Number	Rate	
Diseases of the circulatory system (390-448)	14,756	403.0	7,925	436.6	6,831	369.9	
Diseases of the heart (390-398, 402, 404, 410-413, 420-429)	10,724	292.8	6,135	338.0	4,589	248.5	
Chronic rheumatic heart disease (390-398)	(256)	7.0	(124)	6.8	(132)	7.1	
Hypertensive heart disease (402)	(118)	3.2	(46)	2.5	(72)	3.9	
Hypertensive heart and renal disease (404)	(33)	0.9	(15)	0.8	(18)	1.0	
Ischemic heart disease (410-413)	(9,352)	255.4	(5,400)	297.5	(3,952)	214.0	
Acute myocardial infarction (410)	(4,245)	115.9	(2,699)	148.7	(1,546)	83.7	
Other acute and subacute forms of ischemic heart disease (411)	(21)	0.6	(15)	0.8	(6)	0.3	
Chronic ischemic heart disease (412)	(5,081)	138.8	(2,683)	147.8	(2,398)	129.8	
Angina pectoris (413)	(5)	0.1	(3)	0.2	(2)	0.1	
Other forms of heart disease (420-429)	(965)	26.4	(550)	30.3	(415)	22.5	
Hypertensive disease (400, 401, 403)	92	2.5	37	2.0	55	3.0	
Cerebrovascular disease (430-438)	2,900	79.2	1,223	67.4	1,677	90.8	
Arteriosclerosis (440)	602	16.4	250	13.8	352	19.1	
Other diseases of arteries, arterioles and capillaries (441-448)	438	12.0	280	15.4	158	8.6	
Acute bronchitis (466)	11	0.3	7	0.4	4	0.2	
Influenza and pneumonia (470-486)	804	22.0	423	23.3	381	20.6	
Influenza (470-474)	(40)	1.1	(16)	0.9	(24)	1.3	
Pneumonia (480-486)	(764)	20.9	(407)	22.4	(357)	19.3	
Bronchitis (chronic and unspecified) (490-491)	68	1.9	39	2.1	29	1.6	
Emphysema (492)	329	9.0	245	13.5	84	4.5	
Asthma (493)	32	0.9	17	0.9	15	0.8	
Ulcer of stomach and duodenum (531-533)	103	2.8	60	3.3	43	2.3	
Appendicitis (540-543)	11	0.3	10	0.6	1	0.1	
Hernia and intestinal obstruction (550-553, 560)	105	2.9	50	2.8	55	3.0	

TABLE 28 (con't)

RESIDENCE DEATHS WITH RATES 1/ BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1977							
Cause with International List Number	Total Number	Total Rate	Male Number	Male Rate	Female Number	Female Rate	Sex Unk.
Cirrhosis of the liver (571) Cholelithiasis, cholecystitis and cholangitis (574,575)	528	14.4	331	18.2	197	10.7	
Acute nephritis and nephrotic syndrome (580, 581) Chronic and unspecified nephritis and renal sclerosis (582-584)	39	1.1	19	1.0	20	1.1	
Infections of kidney (590) Hyperplasia of the prostate (600)	6	0.2	3	0.2	3	0.2	
	72	2.0	36	2.0	36	1.9	
	41	1.1	18	1.0	23	1.2	
	9	0.2	9	0.5			
Complications of pregnancy, childbirth and puerperium (630-639, 650-678)	6	0.2			6	0.3	
Congenital anomalies (740-759)	253	6.9	129	7.1	123	6.7	1
Birth injury, difficult labor and other anoxic and hypoxic conditions (764-768, 772, 776)	172	4.7	108	6.0	64	3.5	
Other causes of mortality in early infancy (760-763, 769-771, 774-775, 777-778)	116	3.2	76	4.2	40	2.2	
Sudden infant death syndrome (795.0)	134	3.7	77	4.2	57	3.1	
Senility and ill-defined symptoms (780-794, 795.1-796) All other diseases except above (residual)	72	2.0	37	2.0	35	1.9	
	1,993	54.4	1,159	63.9	834	45.2	
All accidents (E800-E949) Motor vehicle accidents (E810-E823, E940) All other accidents	1,958	53.5	1,390	76.6	568	30.8	
	(995)	27.2	(710)	39.1	(285)	15.4	
	(963)	26.3	(680)	37.5	(283)	15.3	
Suicide (E950-E959) Homicide (E960-E978) Undetermined external injuries (E980-E989)	535	14.6	396	21.8	139	7.5	
	164	4.5	112	6.2	52	2.8	
	78	2.1	52	2.9	26	1.4	

1/ Rates per 100,000 estimated population.
2/ Less than .05 of one percent.

TABLE 29

RESIDENCE DEATHS WITH RATES 1/ AND PERCENT 2/ BY AGE GROUP AND SEX BY FIVE LEADING CAUSES, WASHINGTON STATE 1977											
Age Group	Cause	International List Number	Total			Male			Female		
			Number	Rate	Percent3/	Number	Rate	Percent3/	Number	Rate	Percent3/
ALL AGES											
All causes			29,7894	813.5	100.0	16,633	916.4	100.0	13,155	712.3	100.0
Diseases of the heart		390-398,402,404									
		410-413,420-429	10,724	292.8	36.0	6,135	338.0	36.9	4,589	248.5	34.9
Malignant neoplasms		140-209	6,494	177.3	21.8	3,466	91.0	20.8	3,028	163.9	23.0
Cerebrovascular disease		430-438	2,900	79.2	9.7	1,223	67.4	7.4	1,677	90.8	12.7
All accidents		800-949	1,958	53.5	6.6	1,390	76.6	8.4	568	30.8	4.3
Influenza & pneumonia		470-486	804	22.0	2.7	423	23.3	2.5	381	20.6	2.9
All other causes			6,909	188.7	23.2	3,996	220.2	24.0	2,912	157.7	22.1
UNDER 1											
All causes			696	1309.2	100.0	403	1486.4	100.0	292	1121.0	100.0
Certain causes of mortality in early infancy		760-778	288	541.8	41.4	184	678.7	45.7	104	399.2	35.6
Congenital anomalies		740-7594/	155	291.6	22.3	78	287.7	19.4	76	291.8	26.0
Sudden Infant Death Syndrome		795.0	134	252.1	19.3	77	284.0	19.1	57	218.8	19.5
Pneumonia		480-486	26	48.9	3.7	16	59.0	4.0	10	38.4	3.4
All accidents		800-949	13	24.5	1.9	6	22.1	1.5	7	26.9	2.4
All other causes			80	150.5	11.5	42	154.9	10.4	38	145.9	13.0
1 - 4											
All causes			127	64.9	100.0	75	74.9	100.0	52	54.4	100.0
All accidents		800-949	63	32.2	49.6	38	38.0	50.7	25	26.2	48.1
Congenital anomalies		740-759	19	9.7	15.0	10	10.0	13.3	9	9.4	17.3
Malignant neoplasms		140-209	8	4.1	6.3	4	4.0	5.3	4	4.2	7.7
Pneumonia		480-486	5	2.6	3.9	4	4.0	5.3	1	1.0	1.9
Meningitis		320	3	1.5	2.4	2	2.0	2.7	1	1.0	1.9
All other causes			29	14.8	22.8	17	17.0	22.7	12	12.6	23.1
5 - 14											
All causes			218	35.9	100.0	140	45.0	100.0	78	26.3	100.0
All accidents		800-949	114	18.8	52.3	78	25.1	55.7	36	12.2	46.2
Malignant neoplasms		140-209	36	5.9	16.5	27	8.7	19.3	9	3.0	11.5
Congenital anomalies		740-759	11	1.8	5.0	4	1.3	2.9	7	2.4	9.0
Homicide		960-969	7	1.2	3.2	3	1.0	2.1	4	1.4	5.1
Pneumonia		480-486	6	1.0	2.8	3	1.0	2.1	3	1.0	3.8
All other causes			44	7.2	20.2	25	8.0	17.9	19	6.4	24.4
15 - 24											
All causes			844	118.8	100.0	647	178.2	100.0	197	56.7	100.0
All accidents		800-949	540	76.0	64.0	420	115.7	64.9	120	34.5	60.9
Suicide		950-959	106	14.9	12.6	92	25.3	14.2	14	4.0	7.1
Malignant Neoplasms		140-209	52	7.3	6.2	33	9.1	5.1	19	5.5	9.6
Homicide		960-969	37	5.2	4.4	27	7.4	4.2	10	2.9	5.1
External cause, undetermined whether accident, suicide or homicide		980-989	18	2.5	2.1	13	3.6	2.0	5	1.4	2.5
All other causes			91	12.8	10.8	62	17.1	9.6	29	8.3	14.7
25 - 34											
All causes			761	128.1	100.0	515	171.8	100.0	246	83.6	100.0
All accidents		800-949	348	58.6	45.7	269	89.7	52.2	79	26.9	32.1
Suicide		950-959	116	19.5	15.2	80	26.7	15.5	36	12.2	14.6
Malignant neoplasms		140-209	88	14.8	11.6	37	12.3	7.2	51	17.3	20.7
Homicide		960-969	41	6.9	5.4	30	10.0	5.8	11	3.7	4.5
Diseases of the Heart		390-398,402,404, 410-413,420-429	31	5.2	4.1	22	7.3	4.3	9	3.1	3.7
All other causes			137	23.1	18.0	77	25.7	15.0	60	20.4	24.4
35 - 44											
All causes			788	205.0	100.0	501	259.5	100.0	287	150.0	100.0
All accidents		800-949	179	46.6	22.7	139	72.0	27.7	40	20.9	13.9
Malignant Neoplasms		140-209	179	46.6	22.7	77	39.9	15.4	102	53.3	35.5
Diseases of the Heart		390-398,402,404, 410-413,420-429	131	34.1	16.6	100	51.8	20.0	31	16.2	10.8
Suicide		950-959	69	18.0	8.8	49	25.4	9.8	20	10.5	7.0
Cirrhosis of the liver		571	50	13.0	6.5	35	18.1	7.0	15	7.7	5.5
All other causes			180	46.8	22.8	101	52.3	20.2	79	41.3	27.5

TABLE 29 (con't)

RESIDENCE DEATHS WITH RATES 1/ AND PERCENT 2/ BY AGE GROUP AND SEX BY FIVE LEADING CAUSES, WASHINGTON STATE 1977											
Age Group	Cause	International List Number	Total			Male			Female		
			Number	Rate	Percent ^{3/}	Number	Rate	Percent ^{3/}	Number	Rate	Percent ^{3/}
<u>45 - 54</u>											
All causes			2,116	560.1	100.0	1,323	715.9	100.0	793	410.8	100.0
Malignant neoplasms		140-209	672	177.9	31.8	316	171.0	23.9	356	184.4	44.9
Diseases of the heart		390-398,402,404, 410-413,420-429	640	169.4	30.2	521	281.9	39.4	119	61.7	15.0
All accidents		800-949	167	44.2	7.9	120	64.9	9.1	47	24.4	5.9
Cirrhosis of the liver		571	127	33.6	6.0	78	42.2	5.9	49	25.4	6.2
Cerebrovascular disease		430-438	92	24.4	4.3	42	22.7	3.2	50	25.9	6.3
All other causes			418	110.6	19.8	246	133.1	18.6	172	89.1	21.7
<u>55 - 64</u>											
All causes			4,531	1286.5	100.0	2,911	1707.5	100.0	1,620	894.5	100.0
Diseases of the heart		390-398,402,404 410-413,420-429	1,570	445.8	34.7	1,193	699.8	41.0	377	208.3	23.3
Malignant neoplasms		140-209	1,529	434.1	33.7	812	476.3	27.9	717	396.1	44.3
Cerebrovascular disease		430-438	221	62.7	4.9	120	70.4	4.1	101	55.8	6.2
Cirrhosis of the liver		571	190	53.9	4.2	123	72.1	4.2	67	37.0	4.1
All accidents		800-949	182	51.7	4.0	123	72.1	4.2	59	32.6	3.6
All other causes			839	238.2	18.5	540	316.7	18.5	299	165.2	18.5
<u>65 - 74</u>											
All causes			6,664	2845.6	100.0	4,145	3857.2	100.0	2,519	1987.7	100.0
Diseases of the heart		390-398,402,404, 410-413,420-429	2,533	1081.6	38.0	1,664	1548.5	40.2	869	685.7	34.5
Malignant neoplasms		140-209	1881	803.2	28.2	1,106	1029.2	26.7	775	611.6	30.8
Cerebrovascular disease		430-438	559	238.7	8.4	302	281.0	7.3	257	202.8	10.2
Bronchitis, Emphysema & Asthma		490-493	154	65.8	2.3	113	105.2	2.7	41	32.4	1.6
Diabetes Mellitis		250	133	56.8	2.0	59	54.9	1.4	74	58.4	2.9
All other causes			1,404	599.5	21.1	901	838.5	21.7	503	396.9	20.0
<u>75 - 84</u>											
All causes			7,532	6489.2	100.0	3,839	8461.4	100.0	3,693	5223.6	100.0
Diseases of the heart		390-398,402,404 410-413,420-429	3,288	2832.8	43.7	1,674	3689.6	43.6	1,614	2282.9	43.7
Malignant neoplasms		140-209	1,380	1188.9	18.3	745	1642.0	19.4	635	898.2	17.2
Cerebrovascular disease		430-438	1,036	892.6	13.8	437	963.2	11.4	599	847.3	16.2
Influenza and Pneumonia		470-486	267	230.0	3.5	148	326.2	3.9	119	168.3	3.2
Arteriosclerosis		440	199	171.4	2.6	83	182.9	2.2	116	164.1	3.1
All other causes			1,362	1173.4	18.1	752	1657.4	19.6	610	862.8	16.5
<u>84 and Over</u>											
All causes			5,507	15,105.5	100.0	2,131	16851.2	100.0	3,376	14178.3	100.0
Diseases of the heart		390-398,402,404 410-413,420-429	2,507	6876.6	45.5	944	7468.8	44.3	1,563	6564.2	46.3
Cerebrovascular disease		430-438	947	2597.6	17.2	304	2403.9	14.3	643	2700.4	19.0
Malignant neoplasms		140-209	663	1818.6	12.0	308	2435.6	14.5	355	1490.9	10.5
Arteriosclerosis		440	292	800.9	5.3	97	767.0	4.6	195	818.9	5.8
Influenza and Pneumonia		470-486	285	781.7	5.2	110	869.8	5.2	175	735.0	5.2
All other causes			813	2230.0	14.8	368	2910.0	17.3	445	1868.9	13.2
<u>Age Unknown</u>											
All causes			5	NA	NA	3	NA	NA	2	NA	NA
Diseases of the heart		390-398,402,404 410-413,420-429	2	NA	NA	1	NA	NA	1	NA	NA
Malignant neoplasms		140-209	1	NA	NA				1	NA	NA
Arteriosclerosis		440	1	NA	NA	1	NA	NA			
Homicide		960-969	1	NA	NA	1	NA	NA			

1/ Rate per 100,000 population in age - sex group.

2/ Percent of total deaths in each age group.

3/ Detail may not add to 100 percent due to rounding.

4/ Total includes 1 sex unknown, under 1 year of age.

TABLE 30

DEATHS BY MONTH OF OCCURRENCE BY PLACE OF RESIDENCE, WASHINGTON STATE 1977													
County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	29,789	2,586	2,202	2,578	2,465	2,562	2,399	2,421	2,439	2,426	2,531	2,506	2,674
Adams	90	10	11	10	9	6	4	5	11	5	7	7	5
Asotin	188	15	15	15	21	15	17	11	14	14	24	14	13
Benton	507	50	36	47	41	47	42	43	37	41	34	47	42
Kennewick	186	16	18	17	16	14	12	14	13	16	16	17	17
Richland	185	21	12	18	14	17	18	15	13	14	13	17	13
Chelan	442	48	37	32	37	40	33	31	38	29	45	40	32
Wenatchee	241	31	15	12	21	28	14	16	19	16	23	25	21
Clallam	425	41	32	35	29	32	39	30	34	43	35	41	34
Port Angeles	185	18	13	16	12	10	14	16	17	19	14	21	15
Clark	1,212	92	76	96	100	103	100	96	116	115	93	110	115
Vancouver	563	39	41	49	42	42	39	46	53	58	43	49	72
Columbia	54	3	5	3	4	7	6	2	3	3	7	4	7
Cowlitz	637	56	36	52	48	56	48	48	59	45	56	58	75
Kelso	134	17	7	7	12	11	6	8	13	9	14	13	17
Longview	296	26	13	27	24	28	26	27	24	25	19	22	35
Douglas	138	13	10	15	17	8	7	9	9	8	13	16	13
Ferry	44	3	2	0	4	7	4	2	8	2	6	4	2
Franklin	207	25	8	14	24	17	13	17	15	17	23	18	16
Pasco	161	22	7	10	20	15	11	13	8	12	18	17	8
Garfield	25	1	2	2	3	3	1	4	2	2	3	1	1
Grant	327	28	25	36	32	25	24	32	23	26	25	25	26
Moses Lake	84	8	4	10	6	6	5	10	7	10	5	5	8
Grays Harbor	623	60	43	46	57	66	48	43	50	46	53	58	53
Aberdeen	213	20	10	13	14	27	18	14	17	19	17	25	19
Hoquiam	117	18	9	11	17	14	10	7	10	5	4	5	7
Island	257	21	14	25	29	18	17	27	15	23	20	28	20
Oak Harbor	47	5	0	6	5	5	3	4	0	7	1	8	3
Jefferson	136	12	6	14	19	16	10	8	15	10	8	10	8
King	9,199	809	675	820	712	797	731	766	764	773	757	760	835
Auburn	201	18	16	18	16	11	22	16	12	19	20	14	19
Bellevue	367	32	23	31	33	37	28	35	32	32	29	33	22
Kent	130	15	9	14	8	9	9	7	9	15	12	9	15
Kirkland	159	12	12	16	12	11	4	16	5	12	16	21	22
Mercer Island	93	10	6	9	6	5	10	12	6	7	8	6	8
Redmond	86	7	5	9	10	10	8	9	6	5	6	5	6
Renton	222	18	15	16	16	23	26	31	11	15	16	19	16
Seattle	5,397	480	404	498	430	464	423	436	450	455	437	448	472
Kitsap	960	86	79	97	85	91	69	70	68	75	77	79	84
Bremerton	362	39	24	37	38	33	24	28	29	27	29	28	26
Kittitas	202	20	12	16	24	10	18	16	15	15	27	15	14
Ellensburg	85	11	3	10	5	6	5	10	6	9	9	7	4
Klickitat	119	13	8	5	9	11	9	6	21	9	14	8	6
Lewis	551	58	33	40	46	39	31	51	54	54	52	41	52
Centralia	193	16	14	13	16	15	13	13	23	14	20	14	22
Lincoln	110	8	7	11	9	11	13	7	15	9	6	8	6
Mason	219	24	11	12	13	17	21	18	24	23	18	19	19
Okanogan	236	19	15	15	20	19	16	16	17	20	29	23	27
Pacific	217	18	22	11	16	16	18	23	17	16	23	15	22
Pend Oreille	69	2	4	7	3	5	6	6	8	3	10	9	6
Pierce	3,330	283	258	264	263	287	290	262	277	276	292	261	317
Puyallup	196	17	13	13	10	18	19	17	20	22	11	19	17
Tacoma	1,663	149	131	137	131	135	138	127	137	132	155	134	157
San Juan	49	4	1	3	7	5	8	5	3	2	7	1	3
Skagit	571	55	52	43	48	35	44	63	43	39	53	47	49
Mount Vernon	129	15	12	10	9	7	12	13	13	7	12	9	10
Skamania	43	0	1	2	6	5	2	5	3	7	3	2	7
Snohomish	2,038	171	169	162	162	173	180	170	140	170	175	177	189
Edmonds	223	18	17	21	14	26	14	16	15	21	22	16	23
Everett	579	47	46	49	39	52	56	48	45	40	47	52	58
Lynnwood	133	11	12	4	9	16	9	15	10	12	12	12	11
Mountlake Terrace	55	8	3	4	4	1	6	6	4	7	5	5	2
Spokane	2,741	208	225	274	234	220	232	229	202	206	228	256	227
Spokane (city)	1,916	144	162	203	162	145	161	159	150	159	151	159	161
Stevens	192	16	16	16	16	13	11	15	20	15	17	16	21
Thurston	781	57	52	74	59	85	58	65	53	56	74	77	71
Lacey	120	5	6	12	8	11	10	6	5	6	15	18	18
Olympia	306	22	23	29	22	32	26	28	30	24	24	20	26
Wahkiakum	31	3	3	3	3	4	1	2	1	3	3	1	4
Walla Walla	469	45	36	48	53	40	32	30	40	31	38	33	31
Walla Walla (city)	333	35	25	32	40	36	26	20	28	20	27	24	20
Whatcom	728	64	48	46	57	61	60	61	70	74	56	61	70
Bellingham	420	35	31	28	33	35	39	31	39	40	32	29	48
Whitman	205	18	17	17	23	20	21	12	13	13	12	13	18
Pullman	40	4	2	6	2	1	2	5	4	5	0	5	4
Yakima	1,417	127	100	150	123	120	115	115	114	108	108	103	134
Yakima (city)	655	58	49	77	64	53	57	47	45	46	51	48	60

TABLE 31

DEATHS BY TYPE OF INSTITUTION BY PLACE OF OCCURRENCE, WASHINGTON STATE, 1977									
County and City	Total	General Hospital	Psych. Hospital	State Facility	Federal Facility	Nursing Homes	Home	Dead on Arrival	Other & Not Stated
STATE TOTAL	30,033	13,882	68	4	1,126	7,272	4,967	692	2,022
Adams	85	47				18	8	4	8
Asotin	181	79				57	30	7	8
Benton	465	271				66	66	28	35
Kennewick	157	85				31	25	5	11
Richland	271	157				20	23	22	4
Chelan	408	255				141	55	23	34
Wenatchee	342	215				80	32	18	7
Clallam	399	154				93	71	33	48
Port Angeles	239	141				50	21	17	10
Clark	1,172	471			166	266	193	23	53
Vancouver	924	469			166	175	74	23	17
Columbia	48	26				12	4		6
Cowlitz	638	264				197	91	7	79
Kelso	23					2	15		6
Longview	518	263				170	36	7	42
Douglas	62					30	21		11
Ferry	28	10					6		12
Franklin	187	97				33	36	7	14
Pasco	170	97				33	26	7	7
Garfield	24	15				3	1	1	4
Grant	291	137				39	48	14	53
Moses Lake	107	49				36	13	4	5
Grays Harbor	550	246				139	85	27	53
Aberdeen	350	226				69	31	17	7
Hoquiam	59					42	14		3
Island	170	55			8	17	58	6	26
Oak Harbor	25					9	14		2
Jefferson	117	38				16	21	24	18
King	9,809	4,858	2		348	2,229	1,677	187	508
Auburn	253	162				34	18	35	4
Bellevue	342	198				55	63	9	17
Kent	29						22		7
Kirkland	310	105	1			168	22	6	8
Mercer Island	70					47	12		11
Redmond	103	27				55	11		10
Renton	440	249				92	39	52	8
Seattle	6,546	3,796			348	999	1,091	52	260
Kitsap	925	317				36	322	158	80
Bremerton	599	317			33	168	55	11	15
Kittitas	189	70				47	26	19	27
Ellensburg	131	69				35	11	14	2
Klickitat	99	35				19	22	7	16
Lewis	499	262				105	76	23	33
Centralia	227	107				85	15	13	7
Lincoln	92	40				12	17	2	21
Mason	181	70				36	39	9	27
Okanogan	230	102				41	45	2	40
Pacific	199	83				35	25	14	42
Pend Oreille	68	30				5	11	4	18
Pierce	3,376	1,436	43	1	277	746	622	59	192
Puyallup	393	193				148	34	13	5
Tacoma	1,943	1,118				456	292	30	47
San Juan	39					22	5		12
Skagit	614	349				159	64	12	30
Mount Vernon	216	135				66	10	3	2
Skamania	23					1	9		13
Snohomish	1,860	809				566	334	53	98
Edmonds	352	210				86	33	19	4
Everett	837	500				209	94	23	11
Lynnwood	64	1				39	20	1	3
Mountlake Terrace	9					1	5		3
Spokane	3,157	1,522	23	3	199	795	465	28	122
Spokane (city)	2,560	1,352			184	624	320	18	62
Stevens	139	55				30	28	1	25
Thurston	759	363				203	138	13	42
Lacey	72					52	20		
Olympia	525	357				101	47	12	8
Wahkiakum	26					17	5		4
Walla Walla	574	247			92	134	66	2	33
Walla Walla (city)	468	247			92	70	45	2	12
Whatcom	703	285				255	110	3	50
Bellingham	541	282				208	45	3	3
Whitman	157	76				34	27	1	19
Pullman	45	30				12	2		1
Yakima	1,390	708				332	205	37	108
Yakima (city)	909	547				234	90	15	23

TABLE 32

DEATHS BY MONTH OF OCCURRENCE BY SELECTED CAUSES, WASHINGTON STATE 1977													
Cause of Death	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TOTAL	24,647	2,120	1,812	2,105	2,024	2,123	2,006	2,033	2,020	2,016	2,094	2,066	2,228
Tuberculosis	26	4	1	3	1	2	2	3	4		1	4	1
Syphilis and its Sequelae	1				1								
All other infectious and parasitic diseases	168	15	16	15	12	17	13	8	13	20	9	17	13
Malignant Neoplasms	6,580	550	486	539	513	539	550	561	566	557	552	609	558
Cerebrovascular Disease	2,904	246	210	257	241	276	209	240	243	229	251	233	269
Diabetes Mellitus	472	40	29	43	45	39	35	43	37	36	41	36	48
Diseases of the Heart	10,807	962	815	951	912	972	858	831	843	855	916	928	964
Chronic and acute Ischemic Heart Dis.	9,409	849	719	844	801	851	758	725	708	727	790	791	846
Hypertensive Heart Dis.	118	10	9	8	11	9	11	9	15	8	8	13	7
Hypertensive Heart and Renal Dis.	34	1	3	2	1	5	3	1	3	3	3	5	4
Arteriosclerosis	605	60	44	59	49	39	61	58	49	58	45	32	51
Influenza	39	3	1	2	11	5		3	1		2	2	9
Pneumonia	782	85	57	69	64	52	66	54	60	64	69	53	89
Certain Cause of Mortality In Early Infancy	284	26	26	28	23	25	26	18	26	23	15	21	27
All Accidents	1,979	129	127	139	152	157	186	214	178	174	193	131	199
Motor Vehicle	988	67	68	81	77	78	77	104	77	83	96	66	114
Drownings	186	5	4	7	12	17	41	30	33	13	13	9	2
Falls	256	17	19	17	16	26	24	32	20	26	30	14	15
Fire	93	7	8	6	9	7	6	7	4	3	10	5	21

DEATHS, RESIDENT, BY NON-TRANSPORT CAUSES, BY PLACE OF ACCIDENT, WASHINGTON STATE 1977

Cause of Death	Total	Home	Farm	Industrial including Mines	Recre- ation	Street Hiway	Public Building	Resident Institution	Other and Unspecified
TOTAL	769	332	20	101	12	31	12	71	190
Poisoning by solid and liquid substances (850-869)	68	53		2		2		2	9
Poisoning by gases and vapors (870-877, 942)	13	5					1		7
Falls (880-887, 943)	241	100	2	18	2	24	7	49	39
Falls on stairs and ladders (880, 881)	31	20		5		1	1	1	3
Falls from one level to another (882-884)	63	16	2	12	1	2	2	8	20
Falls on same level (885, 886)	10	2				4	1	3	
Other and unspecified falls (887)	135	61		1	1	17	3	37	15
Late effect of accidental fall (943)	2	1							1
Fire (890-899)	89	78		5			1	2	3
Natural and environmental factors (900-909)	18	5				3			10
Drowning, excluding submersion in small boat (910)	126	21		1	10		1		93
Inhalation and ingestion causing suffocation and obstruction (911, 912)	37	17					2	14	4
Mechanical suffocation (913)	20	14		2				1	3
Foreign body entering other orifice causing injury, obstruction, suffocation (915)	1							1	
Struck by, against, or between objects (916, 917, 918)	52	6	3	40		1			2
Cutting and piercing instruments (920)	2	1							1
Explosion and explosive material (921, 923)	13	5		8					
Firearms (922)	23	18				1			4
Hot substance, corrosive liquid and steam (924)	5			4				1	
Electricity (925)	23	4	3	10					6
Machinery (927, 928)	30	3	12	9					6
Other and unspecified accidents (929, 946)	8	2		2				1	3

TABLE 34

*
SELECTED CAUSES OF DEATH, BY LENGTH OF ATTENDANCE, WASHINGTON STATE 1977

Cause of Death	Total	Never Attended	Under 7 days	7 days Under 1 mo.	1 mo. Under 6 mo.	6 mo. Under 1 yr.	1 yr. Under 3 yrs.	3 yrs. and over	Not Stated
ALL CAUSES	29,789	6,066	3,341	2,616	3,519	1,899	3,679	8,536	133
Infectious and Parasitic Diseases	197	26	43	33	28	10	18	38	1
Malignant Neoplasms	6,494	276	499	786	1,442	792	1,071	1,608	20
Diabetes Mellitus	476	56	39	21	46	37	66	207	4
Cerebrovascular Disease	2,900	161	384	299	323	148	431	1,141	13
Diseases of Heart	10,724	2,261	1,182	704	917	571	1,305	3,741	43
Influenza and Pneumonia	804	72	103	96	109	54	120	246	4
Cirrhosis of Liver	528	126	57	85	70	22	54	112	2
Certain Causes of Mortality in Early Infancy	288	33	213	34	5	2	0	0	1
Deaths due to external causes (Accidents, Homicide, Suicide and Undetermined)	2,735	2,374	147	55	40	12	24	59	24
All Other Causes	4,643	681	674	503	539	251	590	1,384	21

*Length of Attendance by the person who signs death certificate.

TABLE 35

MATERNAL MORTALITY SUMMARY, WASHINGTON STATE 1977

A. Residence Maternal Deaths and Deaths with Mention of Pregnancy: by Race by Age Group with Rates per 10,000 Livebirths

	Maternal		With Mention of Pregnancy	
	Number	Rate	Number	Rate
TOTAL	5	0.9	3	0.5
Race				
White	5	1.0	3	0.6
Age				
15 - 19	1	1.3		
20 - 24			2	1.0
25 - 29	1	0.5		
30 - 34	2	2.5	1	1.2
35 - 39	1	5.8		

B. Maternal Deaths, Residence and Occurrence by Cause

	Residence	Occurrence
Eclampsia	1	1
Postpartum hemorrhage	2	2
Pulmonary embolism	1	1
Amniotic fluid embolism	1	1

C. Deaths with Mention of Pregnancy, Residence and Occurrence by Primary Cause

	Residence	Occurrence
Ruptured cerebral aneurysm	1	1
Auto accident	1	1
Suicide	1	1

TABLE 35 (Cont'd)

MATERNAL MORTALITY SUMMARY, WASHINGTON STATE 1977

D. Maternal Deaths and Deaths with Mention of Pregnancy, Residence and Occurrence

County and City	Maternal				With Mention of Pregnancy*			
	Residence		Occurrence		Residence		Occurrence	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
STATE TOTAL	5	0.9	5	0.9	3	0.5	3	0.5
CLARK Vancouver					1	3.6	1	5.2
					1	10.5	1	5.2
COWLITZ	1	8.2	1	6.9				
Longview	1	19.0	1	6.9				
KING	2	1.4	3	1.8	1	0.7	1	0.6
Bellevue			1	7.5				
Kirkland							1	15.3
Redmond	1	34.0						
Renton			1	5.7				
Seattle			1	1.0				
KITSAP	1	4.7						
KITTITAS	1	32.7	1	35.5				
Ellensburg			1	35.7				
SPOKANE					1	2.0	1	1.8
Spokane							1	2.0

*Primary cause of death was due to some cause not related to pregnancy, but with mention of pregnancy on the death certificate.

TABLE 36
FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF RESIDENCE, WASHINGTON STATE 1977

County and City	Fetal Deaths		Perinatal Mortality 2/		Neonatal Mortality		Infant Mortality	
	Number	Ratio 1/	Number	Rate 3/	Number	Rate 1/	Number	Rate 1/
STATE TOTAL	426	7.4	768	13.3	427	7.5	696	12.2
Adams	4	12.0	7	20.8	4	12.0	4	12.0
Asotin	0	-	1	4.4	1	4.4	1	4.4
Benton	13	8.8	18	12.1	6	4.1	16	10.8
Kennewick	7	13.1	10	18.4	4	7.5	8	14.9
Richland	2	4.3	4	8.5	2	4.3	7	15.0
Chehalis	2	3.0	5	7.5	4	6.0	5	7.5
Wenatchee	1	3.6	3	10.7	3	10.8	4	14.3
Clallam	7	9.1	17	21.9	11	14.3	15	19.5
Port Angeles	3	12.9	8	34.0	5	21.6	5	21.6
Clark	7	2.5	17	6.2	11	4.0	26	9.4
Vancouver	1	1.1	4	4.2	3	3.2	7	7.4
Columbia	0	-	1	14.3	1	14.3	2	28.6
Cowlitz	5	4.1	10	8.2	6	4.9	15	12.3
Kelso	0	-	1	4.8	1	4.8	3	14.4
Longview	1	1.9	2	3.8	1	1.9	5	9.5
Douglas	1	3.1	6	18.3	7	21.4	9	27.5
Ferry	1	12.3	1	12.2	0	-	1	12.3
Franklin	4	5.3	6	8.0	2	2.7	4	5.3
Pasco	4	9.6	6	14.3	2	4.8	4	9.6
Garfield	0	-	1	23.3	1	23.2	1	23.2
Grant	11	11.9	14	15.0	3	3.2	11	11.9
Moses Lake	2	9.4	3	14.0	1	4.7	3	14.2
Grays Harbor	12	11.3	21	19.5	9	8.5	14	13.1
Aberdeen	5	15.9	7	21.9	2	6.3	3	9.5
Hoquiam	2	11.5	2	11.4	0	-	0	-
Island	4	5.3	10	13.2	6	8.0	9	11.9
Oak Harbor	1	3.1	5	15.4	4	12.3	5	15.4
Jefferson	1	5.1	1	5.1	1	5.1	4	20.4
King	111	7.6	205	13.9	132	9.0	192	13.1
Auburn	6	14.8	9	21.9	3	7.4	3	7.4
Bellevue	4	5.7	8	11.3	5	7.1	6	8.5
Kent	3	8.6	5	14.3	3	8.6	6	17.3
Kirkland	5	14.3	10	28.2	6	17.2	6	17.2
Mercer Island	1	7.4	1	7.3	0	-	0	-
Redmond	2	6.8	3	10.1	1	3.4	1	3.4
Renton	9	20.2	13	28.6	4	9.0	5	11.2
Seattle	42	7.5	80	14.1	60	10.7	91	16.2
Kitsap	21	9.9	33	15.4	16	7.5	21	9.9
Bremerton	8	11.0	10	13.6	3	4.1	6	8.2
Kittitas	0	-	0	-	0	-	2	6.5
Ellensburg	0	-	0	-	0	-	0	-
Klickitat	0	-	4	16.1	5	20.2	9	36.3
Lewis	5	5.4	8	8.6	4	4.3	10	10.8
Centralia	3	13.8	3	13.6	0	-	2	9.2
Lincoln	2	15.7	2	15.5	1	7.9	3	23.6
Mason	2	5.7	5	14.1	3	8.5	5	14.2
Okanogan	8	17.1	9	18.9	2	4.3	3	6.4
Pacific	1	3.9	2	7.7	1	3.9	1	3.9
Pend Oreille	0	-	0	-	1	6.8	2	13.5
Pierce	51	6.5	103	13.0	63	8.0	98	12.5
Puyallup	4	15.7	5	19.4	3	11.8	4	15.7
Tacoma	17	6.8	36	14.3	24	9.6	35	13.9
San Juan	0	-	0	-	1	13.0	1	13.0
Skagit	6	7.0	9	10.4	5	5.8	6	7.0
Mt. Vernon	2	10.1	3	15.0	1	5.1	1	5.1
Skamania	1	9.2	1	9.2	0	-	1	9.2
Snohomish	46	10.3	69	15.4	26	5.8	48	10.8
Edmonds	3	9.8	7	22.7	4	13.1	5	16.4
Everett	8	8.4	12	12.5	5	5.3	10	10.5
Lynnwood	5	11.8	9	21.1	5	11.8	8	19.0
Mountlake Terrace	1	4.1	1	4.1	0	-	1	4.1
Spokane	30	6.1	65	13.1	38	7.7	59	11.9
Spokane (city)	16	6.0	38	14.3	23	8.7	37	14.0
Stevens	3	6.7	4	8.9	1	2.2	3	6.7
Thurston	17	10.2	26	15.5	10	6.0	20	12.0
Lacey	3	15.4	3	15.2	0	-	3	15.4
Olympia	7	13.3	12	22.4	6	11.4	9	17.0
Wahkiakum	1	23.8	1	23.3	0	-	0	-
Walla Walla	6	10.0	7	11.6	1	1.7	1	1.7
Walla Walla (city)	6	16.9	7	19.3	1	2.8	1	2.8
Whatcom	17	12.1	28	19.6	12	8.5	21	14.9
Bellingham	8	14.3	14	24.6	6	10.7	12	21.4
Whitman	3	6.3	4	8.3	1	2.1	3	6.3
Pullman	0	-	0	-	0	-	0	-
Yakima	23	7.5	47	15.3	31	10.2	50	16.4
Yakima (city)	9	9.5	16	16.8	10	10.6	16	17.0

1/ Ratio per 1,000 livebirths
2/ Fetal deaths plus liveborn infants dying at 6 days and under
3/ Rate per 1,000 livebirths plus fetal deaths

TABLE 37

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF OCCURRENCE, WASHINGTON STATE 1977								
County and City	Fetal Deaths		Perinatal Mortality		Neonatal Mortality		Infant Mortality	
	Number	Ratio 1/	Number	Rate 3/	Number	Rate 1/	Number	Rate 1/
STATE TOTAL	445	7.8	790	13.7	436	7.6	708	12.4
Adams	4	14.1	5	17.4	1	3.5	1	3.5
Asotin	3	10.9	3	10.8	0	-	0	-
Benton	14	8.7	17	10.5	4	2.5	11	6.9
Kennewick	5	10.2	7	14.2	3	6.1	6	12.3
Richland	6	6.0	6	6.0	0	-	4	4.0
Chelan	3	2.9	8	7.6	6	5.7	9	8.6
Wenatchee	3	3.3	7	7.7	5	5.5	7	7.7
Clallam	7	9.3	12	15.7	5	6.6	9	11.9
Port Angeles	6	9.9	11	18.0	5	8.3	6	9.9
Clark	8	4.1	12	6.2	5	2.6	17	8.8
Vancouver	8	4.2	12	6.2	5	2.6	14	7.3
Columbia	0	-	0	-	0	-	0	-
Cowlitz	9	6.2	14	9.6	5	3.5	10	6.9
Kelso	0	-	0	-	0	-	0	-
Longview	8	5.5	13	9.0	5	3.5	7	4.9
Douglas	0	-	0	-	0	-	0	-
Ferry	0	-	0	-	0	-	1	23.2
Franklin	5	7.8	7	10.9	2	3.1	4	6.3
Pasco	5	7.9	7	10.9	2	3.1	4	6.3
Garfield	0	-	0	-	0	-	0	-
Grant	8	10.4	11	14.1	3	3.9	10	13.0
Moses Lake	5	10.8	6	12.8	1	2.2	5	10.8
Grays Harbor	12	16.0	13	17.0	1	1.3	5	6.6
Aberdeen	10	14.3	11	15.5	1	1.4	3	4.3
Houquiam	0	-	0	-	0	-	0	-
Island	3	4.4	4	5.9	1	1.5	1	1.5
Oak Harbor	1	500.0	1	333.3	0	-	0	-
Jefferson	1	6.7	1	6.7	0	-	1	6.7
King	134	8.2	285	17.4	207	12.7	310	19.1
Auburn	3	5.5	5	10.9	3	5.5	3	5.5
Belleveue	11	8.3	16	11.9	5	3.8	6	4.5
Kent	0	-	0	-	0	-	2	500.0
Kirkland	4	6.1	4	6.1	0	-	0	-
Mercer Island	0	-	0	-	0	-	0	-
Redmond	0	-	0	-	0	-	0	-
Renton	10	5.7	13	7.4	3	1.7	8	4.6
Seattle	94	9.4	226	22.3	187	18.6	271	27.0
Kitsap	19	9.6	23	11.5	6	3.0	11	5.5
Bremerton	19	9.9	22	11.3	3	1.6	7	3.6
Kittitas	0	-	0	-	0	-	2	7.1
Ellensburg	0	-	0	-	0	-	1	3.6
Klickitat	1	3.9	2	7.8	1	3.9	3	11.7
Lewis	6	7.2	8	9.5	3	3.6	7	8.4
Centralia	4	7.8	4	7.8	0	-	1	2.0
Lincoln	1	13.3	2	26.3	1	13.3	2	26.7
Mason	1	5.4	2	10.8	1	5.4	1	5.4
Okanogan	5	10.5	5	31.3	0	-	3	6.3
Pacific	1	6.6	3	19.6	2	13.2	2	13.2
Pend Oreille	0	-	0	-	0	-	0	-
Pierce	50	6.3	101	12.7	60	7.6	92	11.6
Puyallup	4	5.4	5	6.7	1	1.3	4	5.4
Tacoma	20	6.2	38	11.8	21	6.6	32	10.0
San Juan	0	-	0	-	0	-	0	-
Skagit	6	5.1	7	5.9	1	0.9	1	0.9
Mount Vernon	4	6.5	4	6.4	0	-	0	-
Skamania	0	-	0	-	0	-	1	333.3
Snohomish	36	10.6	44	12.8	10	2.9	25	7.4
Edmonds	10	7.9	15	11.8	6	4.8	7	5.5
Everett	20	12.0	21	12.5	2	1.2	9	5.4
Lynnwood	1	8.8	2	17.4	1	8.8	2	17.5
Mountlake Terrace	0	-	0	-	0	-	0	-
Spokane	43	7.7	89	13.6	57	10.2	80	14.3
Spokane (city)	31	6.4	76	15.5	55	11.3	71	14.6
Stevens	3	9.3	3	9.2	0	-	1	3.1
Thurston	15	8.3	25	13.6	11	6.1	18	9.9
Lacey	0	-	0	-	0	-	2	NA
Olympia	15	8.3	25	13.7	11	6.1	14	7.8
Wahkiakum	0	-	0	-	0	-	0	-
Walla Walla	10	11.2	17	18.8	7	7.8	7	7.8
Walla Walla (city)	10	11.2	17	18.9	7	7.9	7	7.9
Whatcom	13	10.4	19	15.0	7	5.6	15	12.0
Bellingham	13	10.5	19	15.2	7	5.7	12	9.7
Whitman	3	5.8	5	9.7	2	3.9	4	7.8
Pullman	1	2.4	2	4.8	1	2.4	1	2.4
Yakima	21	6.8	43	13.8	27	8.7	44	14.2
Yakima (city)	18	8.8	35	17.0	22	10.8	30	14.7

1/Ratio per 1,000 livebirths.

2/Fetal deaths plus liveborn infants dying at 6 days and under.

3/Rate per 1,000 livebirths plus fetal deaths.

TABLE 38

FETAL MORTALITY BY SEX AND WEIGHT, WASHINGTON STATE 1977				
Gramweight	Total	Male	Female	Sex Unknown
STATE TOTAL	426	227	195	4
1,000 grams or less	112	66	44	2
1,001 - 1,500	41	23	18	0
1,501 - 2,000	49	24	25	0
2,001 - 2,500	34	16	18	0
2,501 - 3,000	41	16	25	0
3,001 - 3,500	27	14	13	0
3,501 - 4,000	32	18	14	0
4,001 - 4,500	11	7	4	0
4,501 and Over	6	4	2	0
Weight Not Stated	73	39	32	2

TABLE 39

FETAL MORTALITY BY CAUSE, WASHINGTON STATE 1977

Cause with International List Number	Number
TOTAL ALL CAUSES	426
Congenital Anomalies (5511, 740-759)	36
Umbilical Hernia (5511)	1
Anencephalus (740)	10
Hydrocephalus (742)	3
Microcephalus (743)	3
Anomalies of the Heart (746)	1
Anomalies of Circulatory System (747)	3
Anomalies of Genital Organs (752)	1
Anomalies of Musculoskeletal System (756)	1
Other and Unspecified Congenital Anomalies (758,759)	13
Certain Causes of Perinatal Morbidity and Mortality (760-778)	390
Chronic Circulatory and Genitourinary Diseases in Mother (760)	1
Chronic Hypertension (7602)	1
Other Maternal Conditions Unrelated to Pregnancy (761)	21
Diabetes Mellitus (7611)	9
Injury (7615)	4
Operation (7616)	2
Other Maternal Conditions (7619)	6
Toxemia of Pregnancy (762)	15
Maternal Infection (ante- and Intrapartum) (763)	9
Difficulties of Labor (765-768)	5
Disproportion, No Mention of Abnormality of Pelvis (765)	1
Malposition of Fetus (766)	2
Other and Unspecified Complications (768)	2
Other Complications of Pregnancy and Childbirth (769)	29
Placental and Cord Conditions (770, 771)	157
Birth Injury to Brain (772)	1
Disease of the Fetus and Ill-defined Causes (0389, 775-778)	152
Hemolytic Disease (775)	7
Anoxic and Hypoxic Conditions (776)	19
Immaturity (777)	13
Other Conditions of Fetus and Newborn (778)	112
Septicemia (0389)	1

TABLE 40

INFANT MORTALITY BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1977

59

County and City	Total	White	Black	Indian	Japanese	Chinese	Filipino	Other and Not Stated
STATE TOTAL	696	616	40	27	0	3	1	9
Adams	4	4						
Asotin	1	1						
Benton	16	16						
Kennewick	8	8						
Richland	7	7						
Chelan	5	4		1				
Wenatchee	4	3		1				
Clallam	15	15						
Port Angeles	5	5						
Clark	26	26						
Vancouver	7	7						
Columbia	2	2						
Cowlitz	15	15						
Nelso	3	3						
Longview	5	5						
Douglas	9	9						
Ferry	1			1				
Franklin	4	4						
Pasco	4	4						
Garfield	1	1						
Grant	11	11						
Moses Lake	3	3						
Grays Harbor	14	14						
Aberdeen	3	3						
Hoquiam	0							
Island	9	9						
Oak Harbor	5	5						
Jefferson	4	3		1				
King	192	152	27	6		3	1	3
Auburn	3	2		1				
Bellevue	6	6						
Kent	6	6						
Kirkland	6	6						
Mercer Island	0							
Redmond	1							1
Renton	5	4						
Seattle	91	56	27	3		3	1	2
Kitsap	21	18		1				2
Bremerton	6	5						1
Kittitas	2	2						
Klickitat	9	7		2				
Lewis	10	10						
Centralia	2	2						
Lincoln	3	3						
Mason	5	4		1				
Okanogan	3	2		1				
Pacific	1	1						
Pend Oreille	2	2						
Pierce	98	83	10	3				2
Puyallup	4	4						
Tacoma	35	33	1	1				
San Juan	1	1						
Skagit	6	6						
Mount Vernon	1	1						
Skamania	1	1						
Snohomish	48	48						
Edmonds	5	5						
Everett	10	10						
Lynnwood	8	8						
Mountlake Terrace	1	1						
Spokane	59	55	2	1				1
Spokane (city)	37	34	2					1
Stevens	3	3						
Thurston	20	18		2				
Lacey	3	3						
Olympia	9	7		2				
Wahkiakum	0							
Walla Walla	1	1						
Walla Walla (city)	1	1						
Whatcom	21	17		3				1
Bellingham	12	11						
Whitman	3	2		1				
Yakima	50	46	1	3				
Yakima (city)	16	15	1					

INFANT MORTALITY BY AGE AND SEX BY CAUSE, WASHINGTON STATE 1977

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	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U
TOTAL ALL CAUSES	403	292	1	121	87	1	83	50	0	49	36	0	69	56	0	61	31	0	11	23	0	9	9	0
All infective and parasitic diseases (000-136)	13	8			1		4	1		4	3		2	2			1		1			2		
Malignant neoplasms (140-209)	1	4											1	1			1			1			1	
Meningitis (320)	3	3											2	2		1	1							
Pneumonia (480-486)	16	10		2	1		2	2		1	1		5	1		5	1		1	3			1	
Other diseases of respiratory system (500-519)	2	2			1								1	1		1								
Hernia and intestinal obstruction (550-553, 560)	6	5		4	3		1	2								1								
Congenital malformations (740-759)	78	76	1	17	23	1	17	16		16	11		14	12		10	4		2	7		2	3	
Anencephalus (740)	6	8		4	6		2	2																
Spina bifida and meningocele (741)	1	2											1	2										
Hydrocephalus (742)	2	3			1								2	2										
Other central nervous system malformations (743)	5	7			2		2	1			1			1		3	1						1	
Anomalies of the heart (746)	34	22			2		11	7		9	6		6	3		5	3		1			2	1	
Other anomalies of circulatory system (747)	2	4						2		1			1	2										
Anomalies of the respiratory system (748)	9	7		4	3					2	1		2	1					1	1			1	
Anomalies of the digestive system (751)	3	4						1		2						1				3				
Anomalies of the genito-urinary system (752-753)	4	3		4	2						1													
Other congenital malformations (756-759)	12	16	1	5	7	1	2	3		2	2		2	1		1				3				
Certain diseases of early infancy (760-778)	184	104		96	57		56	26		24	16		5	3		2	2		1					
Maternal diseases affecting child (761-763)	3				1			1								1								
Diabetes Mellitus (7611)	2							1								1								
Maternal ante- and intrapartum infection (763)	1				1																			
Birth injuries (766-772)	41	22		29	9		9	8		3	5													
Hemolytic disease of newborn (775)	4	4		2	2		1	1		1			1											
Anoxic and hypoxic conditions (776)	91	53		33	26		36	13		17	10		4	2		2			1					
Ill-defined diseases peculiar to early infancy (777-778)	45	25		31	20		9	4		3	1		1			1								
Sudden infant death syndrome (7950)	77	57					1			2	4		37	31		35	15		2	5			2	
All other diseases (residual)	14	13		1	1		2	3		2	1		2			6	3		2	3		1		
All accidents (E800-E929, E949)	6	7											1			2			1	3		4	2	
Motor vehicle accidents (E800-E819)	2	4														1			1	2		1	1	
Boating accidents (E830)		1																		1				
Inhalation and ingestion of food or other object causing obstruction or suffocation (E911, E912)	1	1														1						1		
Mechanical suffocation in bed or cradle and in other and unspecified circumstances (E913)	1	1																				1	1	
All other accidents (residual)	2												1									1		
Homicide (E963-E968)	2	1			1								1							1				
Injury undetermined whether accidentally or purposely inflicted (E988)	1	2											1			1			1					

TABLE 42

INFANT MORTALITY BY LEADING CAUSES, WASHINGTON STATE 1977							
County and City	Total All Causes	Birth Injuries	Other Diseases of Early Infancy	Congenital Malformations	Influenza and Pneumonia	All Accidents	All Other Causes
STATE TOTAL	696	172	116	155	26	13	214
Adams	4	1		2			1
Asotin	1	1					
Benton	16	2	1	7	2	1	3
Kennewick	8	1	1	2	1	1	2
Richland	7	1		4	1		1
Chelan	5	1		2	1		1
Wenatchee	4	1		1	1		1
Clallam	15	4	4	3			4
Port Angeles	5	1	4				
Clark	26	4	1	6	3	1	11
Vancouver	7	2		2	1		2
Columbia	2		1				1
Cowlitz	15	4	2	5	2	1	1
Kelso	3		1		1		1
Longview	5		1	4			
Douglas	9	3	1	3			2
Ferry	1						1
Franklin	4	2		2			
Pasco	4	2		2			
Garfield	1	1					
Grant	11	1	2	1			7
Moses Lake	3		1				2
Grays Harbor	14	1	5	1			7
Aberdeen	3		2				1
Hoquiam	0						
Island	9	3		3			3
Oak Harbor	5	2		1			2
Jefferson	4			1			3
King	192	62	35	34	3	1	57
Auburn	3	1	1	1			
Bellevue	6	3	2				1
Kent	6	1		2			3
Kirkland	6	4	2				
Mercer Island	0						
Redmond	1		1				
Renton	5	4		1			
Seattle	91	32	14	15	1	1	28
Kitsap	21	8	2	4	1		6
Bremerton	6	1		3			2
Kittitas	2			1			1
Ellensburg	0						
Klickitat	9		3	1			5
Lewis	10	1	1	2	1	1	4
Centralia	2			1			1
Lincoln	3	1					2
Mason	5	1	2	2			
Okanogan	3		1	1			1
Pacific	1			1			
Pend Oreille	2	1		1			
Pierce	98	22	14	27	6		29
Puyallup	4	1	1	2			
Tacoma	35	9	5	10			11
San Juan	1	1					
Skagit	6	2		3			1
Mount Vernon	1						1
Skamania	1					1	
Snohomish	48	11	7	12	2		16
Edmonds	5	1	1	2			1
Everett	10	2	1	1			6
Lynnwood	8	4	1	1		1	1
Mountlake Terrace	1			1			
Spokane	59	15	15	12	2	1	14
Spokane (city)	37	9	8	9	2		9
Stevens	3	1					2
Thurston	20	4	6	4			6
Lacey	3	1					2
Olympia	9	1	3	3			2
Wahkiakum	0						
Walla Walla	1		1				
Walla Walla (city)	1		1				
Whatcom	21	4	4	4	1		8
Bellingham	12	2	2	4			4
Whitman	3			1		1	1
Pullman	0						
Yakima	50	10	8	9	4	3	16
Yakima (city)	16	2	1	5	2	1	5

1911

1912

1913

1914

**MARRIAGES
AND
DISSOLUTIONS**

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author outlines the various methods used to collect and analyze the data. This includes both primary and secondary data collection techniques. The primary data was gathered through direct observation and interviews, while secondary data was obtained from existing reports and databases.

The third section details the statistical analysis performed on the collected data. It describes the use of descriptive statistics to summarize the data and inferential statistics to test hypotheses. The results of these analyses are presented in a clear and concise manner, highlighting the key findings of the study.

Finally, the document concludes with a summary of the findings and their implications. It discusses the limitations of the study and suggests areas for future research. The author expresses confidence in the reliability of the data and the validity of the conclusions drawn.

TABLE 43

MARRIAGES BY COUNTY OF MARRIAGE, BY MONTH, BY TYPE OF CEREMONY, WASHINGTON STATE 1977

County of Marriage And Type Of Ceremony	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	43,737	2,366	2,803	3,029	3,331	3,350	4,749	4,435	4,672	3,950	3,401	3,275	4,376
RELIGIOUS	34,513	1,775	2,167	2,325	2,589	2,513	3,939	3,581	3,827	3,156	2,662	2,578	3,301
CIVIL	9,136	589	630	699	736	729	802	845	833	787	732	688	1,066
NOT STATED	88	2	6	5	6	8	8	9	12	7	7	9	9
Adams Total	139	3	5	10	14	12	13	11	9	22	10	12	18
Religious	111	3	5	10	7	9	11	8	7	19	10	9	13
Civil	28				7	3	2	3	2	3		3	5
Not Stated	0												
Asotin Total	179	8	10	19	11	14	20	26	17	14	14	12	14
Religious	176	8	10	19	11	14	20	25	16	14	13	12	14
Civil	2								1		1		
Not Stated	1												
Benton Total	858	52	51	63	57	56	95	98	87	78	72	60	89
Religious	638	31	35	41	41	42	82	72	67	68	57	43	59
Civil	220	21	16	22	16	14	13	26	20	10	15	17	30
Not Stated	0												
Chelan Total	607	26	34	35	47	45	81	71	74	51	53	33	57
Religious	507	23	30	31	40	40	74	53	65	38	41	28	44
Civil	100	3	4	4	7	5	7	18	9	13	12	5	13
Not Stated	0												
Clallam Total	556	37	40	40	38	38	69	47	52	48	43	46	58
Religious	488	28	34	37	33	32	60	41	52	45	34	43	49
Civil	68	9	6	3	5	6	9	6	3	3	9	3	9
Not Stated	0												
Clark Total	4,757	303	311	368	392	362	445	439	434	387	361	356	579
Religious	4,007	243	263	323	331	329	372	379	369	332	306	307	486
Civil	748	60	48	64	60	66	73	60	65	55	55	49	93
Not Stated	2			1	1								
Columbia Total	33		2	2	3	4	6		7	6	1	2	
Religious	27		2	2	3	2	6		4	5	1	2	
Civil	6				2	2			3	1			
Not Stated	0												
Cowlitz Total	994	48	88	77	79	64	93	98	97	92	81	84	93
Religious	732	36	62	61	58	48	70	74	70	65	64	56	68
Civil	262	12	26	16	21	16	23	24	27	27	17	28	25
Not Stated	0												
Douglas Total	193	16	15	17	16	14	17	20	19	14	14	16	15
Religious	162	13	15	15	12	12	12	18	16	11	12	14	12
Civil	31	3	2	2	4	2	5	2	3	3	2	2	3
Not Stated	0												
Ferry Total	45	2	5	4	2	4	5	3	3	4	7	2	4
Religious	30	2	2	2	1	2	2	1	3	4	4	2	3
Civil	15		3	2	1	2	1	2			3		1
Not Stated	0												
Franklin Total	474	21	29	32	39	39	49	49	51	36	44	35	50
Religious	253	19	17	19	23	21	29	29	25	20	18	17	16
Civil	209	2	11	12	16	18	17	20	25	14	23	17	34
Not Stated	12		1	1			3		1	2	3	1	
Garfield Total	38	3	2	1	1	1	8	4	1	9	4	1	3
Religious	35	2	2	1	1	1	7	4	1	9	4	1	3
Civil	3	1					1						
Not Stated	0												
Grant Total	431	22	19	30	29	36	61	53	38	39	30	33	41
Religious	326	16	13	24	24	30	48	40	31	32	22	25	21
Civil	105	6	6	6	5	6	13	13	7	7	8	8	20
Not Stated	0												
Grays Harbor Total	783	29	49	51	73	66	99	70	71	65	67	54	89
Religious	546	22	34	35	46	42	72	54	47	47	48	45	54
Civil	236	7	15	16	27	23	27	16	24	18	19	9	35
Not Stated	1				1								
Island Total	426	26	27	34	36	29	48	50	40	37	33	26	40
Religious	284	14	17	21	22	17	38	31	34	28	26	15	21
Civil	141	12	10	13	14	12	10	18	6	9	7	11	19
Not Stated	1							1		1			
Jefferson Total	158	11	7	9	9	14	19	17	15	11	19	6	21
Religious	116	9	5	5	9	11	13	14	12	8	16	4	10
Civil	41	2	1	4	3	3	6	3	3	3	3	2	11
Not Stated	1												
King Total	12,327	682	760	845	934	941	1,323	1,235	1,432	1,138	938	902	1,197
Religious	9,840	526	578	668	735	724	1,095	1,037	1,180	917	742	711	927
Civil	2,464	156	179	175	197	215	227	196	246	220	193	190	270
Not Stated	23		3	2	2	2	2	2	2	1	3	1	
Kitsap Total	1,408	72	106	104	110	109	150	141	130	109	124	103	150
Religious	1,224	68	101	85	97	96	129	125	112	90	102	89	130
Civil	182	4	5	19	13	12	21	16	18	19	22	14	19
Not Stated	2					1							1
Kittitas Total	195	3	9	18	17	16	20	19	22	24	14	16	17
Religious	174	2	8	16	14	16	18	18	21	21	13	13	14
Civil	21	1	1	2	3		2	1	1	3	1	3	3
Not Stated	0												
Klickitat Total	203	14	10	11	14	21	16	21	16	19	20	16	25
Religious	125	5	6	6	10	11	15	14	10	13	13	9	13
Civil	78	9	4	5	4	10	1	7	6	6	7	7	12
Not Stated	0												
Lewis Total	706	42	50	48	48	43	91	70	71	77	50	53	63
Religious	618	35	44	42	42	34	85	59	64	67	48	44	54
Civil	88	7	6	6	6	9	6	11	7	10	2	9	9
Not Stated	0												
Lincoln Total	81	1	3	8	5	8	15	6	5	6	11	9	4
Religious	74	1	3	7	3	8	15	5	3	5	11	9	4
Civil	6			1	2				2	1			
Not Stated	1							1					
Mason Total	277	12	17	14	30	15	34	34	31	34	15	20	21
Religious	223	10	11	12	21	11	31	29	27	27	11	18	15
Civil	54	2	6	2	9	4	3	5	4	7	4	2	6
Not Stated	0												
Okanogan Total	343	15	17	27	28	22	44	37	34	34	25	31	29
Religious	291	11	16	23	25	18	37	35	29	29	18	26	26
Civil	52	4	1	4	3	4	7	2	7	5	7	5	3
Not Stated	0												
Pacific Total	256	16	16	17	20	15	33	32	32	16	18	18	23
Religious	160	7	11	5	12	8	28	22	19	9	14	11	11
Civil	96	9	5	12	8	7	5	10	13	7	4	7	9
Not Stated	0												

TABLE 43 (Con'd).

MARRIAGES BY COUNTY OF MARRIAGE, BY MONTH, BY TYPE OF CEREMONY, WASHINGTON STATE 1977													
County of Marriage And Type Of Ceremony	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Pend Oreille Total	70	7	3	2	4	8	11	9	8	3	3	4	8
Religious	55	7	3		2	7	7	9	5	3	3	4	5
Civil	15			2	2	1	4		3				3
Not Stated	0												
Pierce Total	5,188	276	345	397	417	412	514	521	565	453	404	396	498
Religious	3,702	177	236	268	284	299	411	383	424	319	284	291	326
Civil	1,483	99	109	119	132	113	103	138	141	133	120	104	172
Not Stated	3				1				1			1	
San Juan Total	113	4	3	8	9	8	10	17	13	9	10	11	11
Religious	87	4	3	7	7	8	6	12	11	3	7	10	9
Civil	26			1	2		4	5	2	6	3	1	2
Not Stated	0												
Skagit Total	822	39	56	67	56	54	86	73	86	91	63	70	81
Religious	665	30	42	54	44	43	80	57	69	66	53	59	68
Civil	155	9	13	13	12	11	6	16	16	25	10	11	13
Not Stated	2								1				
Skamania Total	182	6	15	13	7	13	24	27	22	11	14	14	16
Religious	62	1	6	4	3	1	11	9	10	3	4	4	6
Civil	120	5	9	9	4	12	13	18	12	8	10	10	10
Not Stated	0												
Snohomish Total	2,968	146	207	179	214	229	325	332	297	282	229	218	310
Religious	2,530	114	177	144	179	195	287	286	273	247	184	189	255
Civil	436	32	30	35	35	34	37	46	24	35	45	29	54
Not Stated	2						1						1
Spokane Total	2,978	151	166	167	216	236	361	299	362	296	232	231	261
Religious	2,335	109	130	122	177	189	305	238	299	237	171	170	188
Civil	630	42	36	45	37	45	55	58	62	58	61	59	72
Not Stated	13				2	2	1	3	1	1		2	1
Stevens Total	233	19	17	11	16	15	15	34	25	22	23	21	15
Religious	204	17	14	10	15	13	13	33	21	16	20	19	13
Civil	28	2	3	1	1	2	2	1	3	6	3	2	2
Not Stated	1								1				
Thurston Total	1,180	65	93	74	86	96	142	116	132	82	82	89	123
Religious	895	48	69	46	55	76	106	83	126	67	63	61	85
Civil	278	17	24	27	31	18	35	32	5	13	18	25	33
Not Stated	17			1	2	2	1	1	1	2	1	3	5
Wahkiakum Total	40	2	2	3	2	3	7	5	8	4	2		2
Religious	22	2	1	2	2	2	2	5	2	3	2		1
Civil	18			1	2	1	5		6	1			1
Not Stated	0												
Walla Walla Total	575	20	35	39	40	61	70	49	55	47	49	49	61
Religious	454	14	24	26	28	52	60	40	50	37	41	34	48
Civil	120	5	11	13	12	9	10	9	5	10	8	15	13
Not Stated	1												
Whatcom Total	1,027	60	60	62	89	69	95	108	117	102	83	76	106
Religious	959	49	53	51	88	68	85	103	111	99	79	70	103
Civil	67	11	7	11	1	1	10	5	6	3	4	5	3
Not Stated	1											1	
Whitman Total	189	9	13	4	7	17	42	20	21	10	10	13	23
Religious	164	7	12	4	6	16	38	17	18	7	10	11	18
Civil	24	2	1		1	1	3	3	3	3	2	2	5
Not Stated	1						1						
Yakima Total	1,705	98	106	109	116	141	193	174	173	168	129	137	161
Religious	1,222	62	73	77	80	100	157	119	126	126	93	103	106
Civil	480	35	33	32	36	41	36	55	46	42	36	34	54
Not Stated	3	1							1				1

TABLE 44

DISSOLUTIONS BY NUMBER OF CHILDREN AFFECTED BY
PLACE OF RESIDENCE, WASHINGTON STATE, 1977

County of Decree	Total	Number of Children Affected									Not Stated
		None	1	2	3	4	5	6	7	8 and Over	
STATE TOTAL	26,483	9,649	5,633	5,064	2,269	968	333	144	68	47	2,308
Adams	58	21	9	7	9	6	3			1	2
Asotin	135	53	28	34	10	5	1	2			2
Benton	453	149	108	115	45	14	6	2	1		13
Chelan	390	158	94	79	30	13	10	3			3
Clallam	318	107	81	65	31	10	4	2	1		17
Clark	1,218	459	267	273	117	43	16	8	2	2	31
Columbia	24	5	5	8	5						1
Cowlitz	705	250	177	133	73	37	9	2			24
Douglas	34	12	5	10	3		1	1			2
Ferry	12	8	1	2	1						
Franklin	475	204	103	96	36	17	5	2	2	1	9
Garfield	22	9	4	6	2				1		
Grant	310	103	80	62	25	13	4	4	3		16
Grays Harbor	480	176	109	86	46	19	6	1	1	3	33
Island	286	97	62	70	23	16	2	2	1		13
Jefferson	97	38	24	17	8	6	1	1			2
King	8,194	2,979	1,462	1,412	649	292	83	30	13	8	1,266
Kitsap	916	307	235	175	86	21	10	6	1	1	74
Kittitas	154	64	33	32	16	5	2				2
Klickitat	82	28	20	14	8	3	2	1			6
Lewis	335	128	76	66	41	13	7		1	3	
Lincoln	74	26	17	15	9	5	1				1
Mason	167	68	42	23	16	9	3			1	5
Okanogan	200	87	41	33	16	7	7	1	2	1	5
Pacific	37	13	7	8	1	1	1				6
Pend Oreille	23	7	5	3	2	1	1	2	1		1
Pierce	3,514	1,333	889	734	278	116	41	20	12	3	88
San Juan	29	11	7	3	3	2		2			1
Skagit	488	202	118	90	50	17	7	1			3
Skamania	49	23	7	10	3	1	1		2		2
Snohomish	1,671	511	295	287	130	71	21	8	2	5	341
Spokane	2,249	850	520	490	205	73	22	16	14	10	49
Stevens	172	62	45	34	16	8	4	1			2
Thurston	911	324	186	175	68	33	15	5	1		104
Wahkiakum	8	4	1	1	1	1					
Walla Walla	376	144	97	61	33	12	7	3			19
Whatcom	678	225	110	124	49	22	6	4	2		136
Whitman	128	52	27	21	13	4	2	3			6
Yakima	1,011	352	236	190	112	52	20	13	5	8	23

DISSOLUTIONS BY COUNTY OF DECREE BY TYPE OF DECREE, WASHINGTON STATE 1977

County of Decree	Total	Dissolution	Annulment	Separate Maintenance	Not Stated
STATE TOTAL	26,751	26,483	179	81	8
Adams	58	58			
Asotin	137	135	2		
Benton	456	453	1	2	
Chelan	392	390	2		
Clallam	319	318	1		
Clark	1,229	1,218	10	1	
Columbia	25	24			1
Cowlitz	708	705	1	1	1
Douglas	34	34			
Ferry	12	12			
Franklin	478	475	3		
Garfield	23	22	1		
Grant	316	310	6		
Grays Harbor	482	480	1	1	
Island	286	286			
Jefferson	98	97	1		
King	8,282	8,194	51	34	3
Kitsap	920	916	4		
Kittitas	156	154	1	1	
Klickitat	83	82		1	
Lewis	336	335	1		
Lincoln	74	74			
Mason	171	167	1	3	
Okanogan	201	200	1		
Pacific	37	37			
Pend Oreille	23	23			
Pierce	3,552	3,514	22	16	
San Juan	29	29			
Skagit	494	488	4	2	
Skamania	49	49			
Snohomish	1,686	1,671	11	4	
Spokane	2,273	2,249	17	7	
Stevens	181	172	8	1	
Thurston	924	911	10	3	
Wahkiakum	9	8		1	
Walla Walla	384	376	7		1
Whatcom	679	678	1		
Whitman	134	128	5	1	
Yakima	1,021	1,011	6	2	2



