

VITAL STATISTICS

SUMMARY

1957

WASHINGTON STATE DEPARTMENT OF HEALTH

OLYMPIA, WASHINGTON

WASHINGTON VITAL STATISTICS SUMMARY

1957

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PUBLIC HEALTH STATISTICS SECTION

Olympia

Albert D. Rosellini

Governor

Bernard Bucove, M.D., D.P.H.

State Director of Health

October, 1958

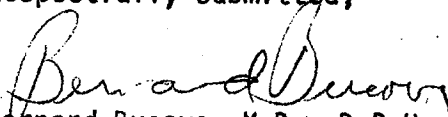
The Honorable Albert D. Rosellini
Governor, The State of Washington
Olympia, Washington

Honorable Sir:

I have the pleasure of submitting the Vital
Statistics Summary Report of the State Department of
Health for the calendar year 1957.

The report presents vital statistics data in
narrative, graphic and tabular form for use in public
health, demographic and related fields.

Respectfully submitted,


Bernard Bucove, M.D., D.P.H.
State Director of Health

INTRODUCTION

This report presents data on livebirths, deaths, fetal deaths (stillbirths) for the calendar year 1957 and the estimated population for the State of Washington as of July 1, 1957. Most data are reported for the state as a whole, each county and each city of 10,000 population or more.

Vital statistics data included in this report are identified either as residence data or occurrence data. Residence data refer to vital events involving residents of the area regardless of where the vital events actually occurred. Occurrence data refer to vital events actually occurring in the area regardless of the place of residence of the person or persons involved. In general, data presented on a residence basis are more useful.

Selected mortality data in relation to birthweight are included in a special section. Appendix tables contain tuberculosis morbidity data, marriage and divorce data for the calendar year 1957.

Certain additional data including data for cities of 2,500 to 10,000 population in 1950 are available in unpublished form in the files of the Public Health Statistics Section.

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TABLE 1

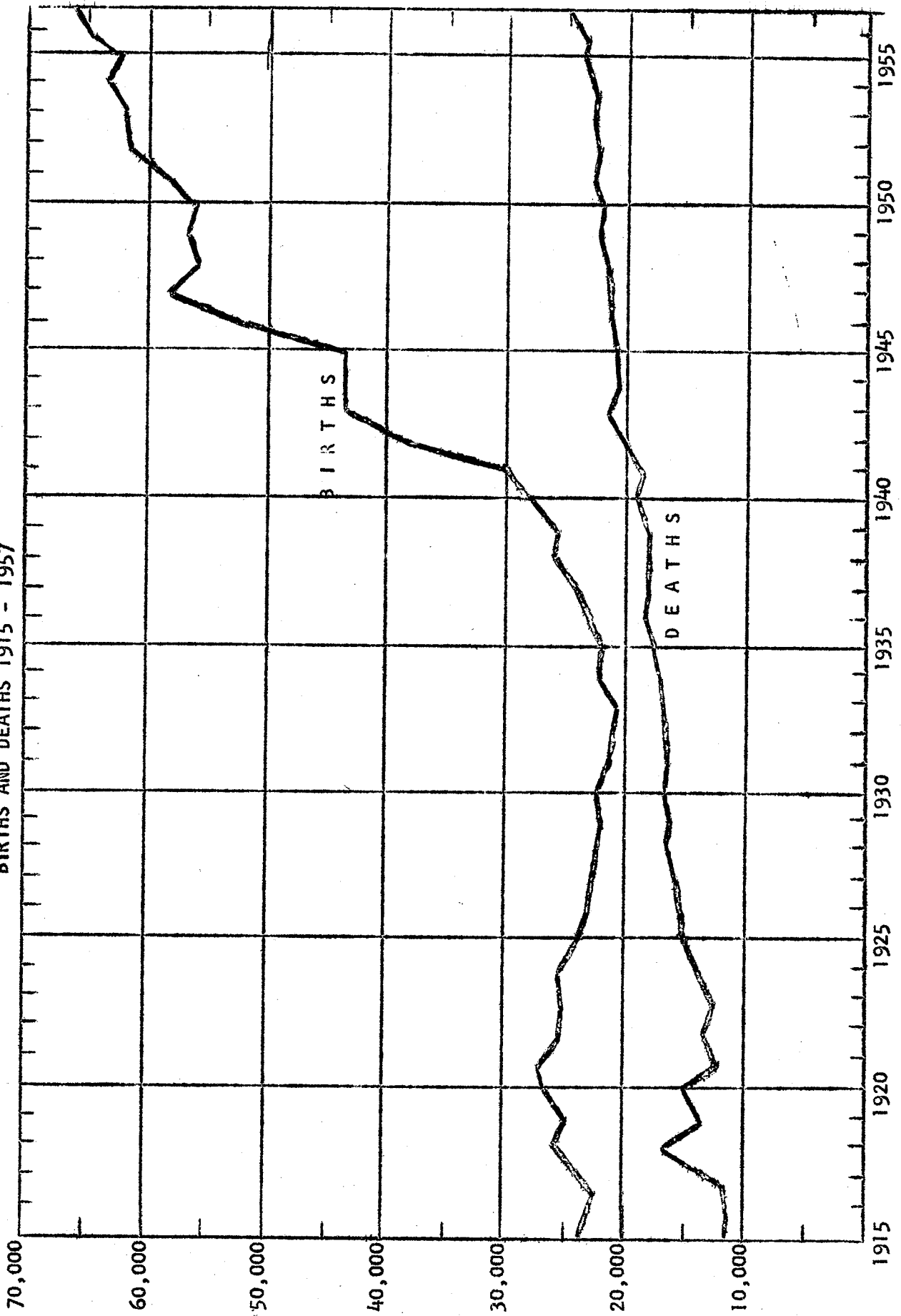
SUMMARY OF THE NUMBER OF LIVEBIRTHS, DEATHS, DEATHS OF INFANTS UNDER ONE YEAR OF AGE, MATERNAL DEATHS, AND FETAL DEATHS, WITH RATES STATE OF WASHINGTON, 1915 - 1957

Year	Population	Livebirths		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
		Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1915	1,257,000	24,046	19.1	11,895	9.5	1,461	60.8	156	64.9	779	32.4
1916	1,278,800	23,831	18.6	11,805	9.2	1,531	64.2	175	73.4	705	29.6
1917	1,301,400	23,464	18.0	12,137	9.3	1,625	69.3	173	73.7	691	29.4
1918	1,323,200	25,682	19.4	16,837	12.7	1,769	68.9	253	98.5	730	28.4
1919	1,345,700	25,112	18.7	14,370	10.7	1,584	63.1	216	86.0	730	29.1
1920	1,367,000	27,072	19.8	15,164	11.1	1,797	66.4	249	92.0	888	32.8
1921	1,386,700	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	1,000	37.5	94	35.2	440	16.5
1939	1,723,400	26,471	15.4	18,528	10.8	977	36.9	97	36.6	450	17.0
1940	1,752,400	27,952	16.0	19,837	11.3	969	34.7	89	31.8	459	16.4
1941	1,816,700	30,916	17.0	19,359	10.7	1,065	34.4	66	21.3	445	14.4
1942	1,880,700	38,744	20.6	20,190	10.7	1,278	33.0	78	20.1	606	15.6
1943	1,945,000	44,258	22.8	22,017	11.3	1,534	34.7	72	16.3	575	13.0
1944	2,009,600	44,246	22.0	21,144	10.5	1,493	33.7	72	16.3	607	13.7
1945	2,073,600	44,296	21.4	21,292	10.3	1,523	34.4	79	17.8	672	15.2
1946	2,137,600	51,941	24.3	21,620	10.1	1,723	33.2	65	12.5	869	16.7
1947	2,202,400	58,230	26.4	21,763	9.9	1,630	28.0	59	10.1	907	15.6
1948	2,266,400	55,460	24.5	21,925	9.7	1,525	27.5	36	6.5	776	14.0
1949	2,331,000	56,433	24.2	22,420	9.6	1,526	27.0	36	6.4	850	15.1
1950	2,378,963	55,755	23.4	22,450	9.4	1,526	27.4	28	5.0	799	14.3
1951	2,444,000	57,994	23.7	23,300	9.5	1,412	24.3	23	4.0	852	14.7
1952	2,496,100	61,436	24.6	22,874	9.2	1,522	24.8	15	2.4	857	13.9
1953	2,528,200	61,571	24.4	23,279	9.2	1,556	25.3	18	2.9	834	13.5
1954	2,566,000	62,703	24.4	23,238	9.1	1,514	24.1	29	4.6	829	13.2
1955	2,586,100	62,290	24.1	24,410	9.4	1,520	24.4	16	2.6	806	12.9
1956	2,651,900	64,999	24.5	24,207	9.1	1,524	23.4	13	2.0	777	12.0
1957	2,712,700	65,982	24.3	25,140	9.3	1,596	24.2	20	3.0	793	12.0

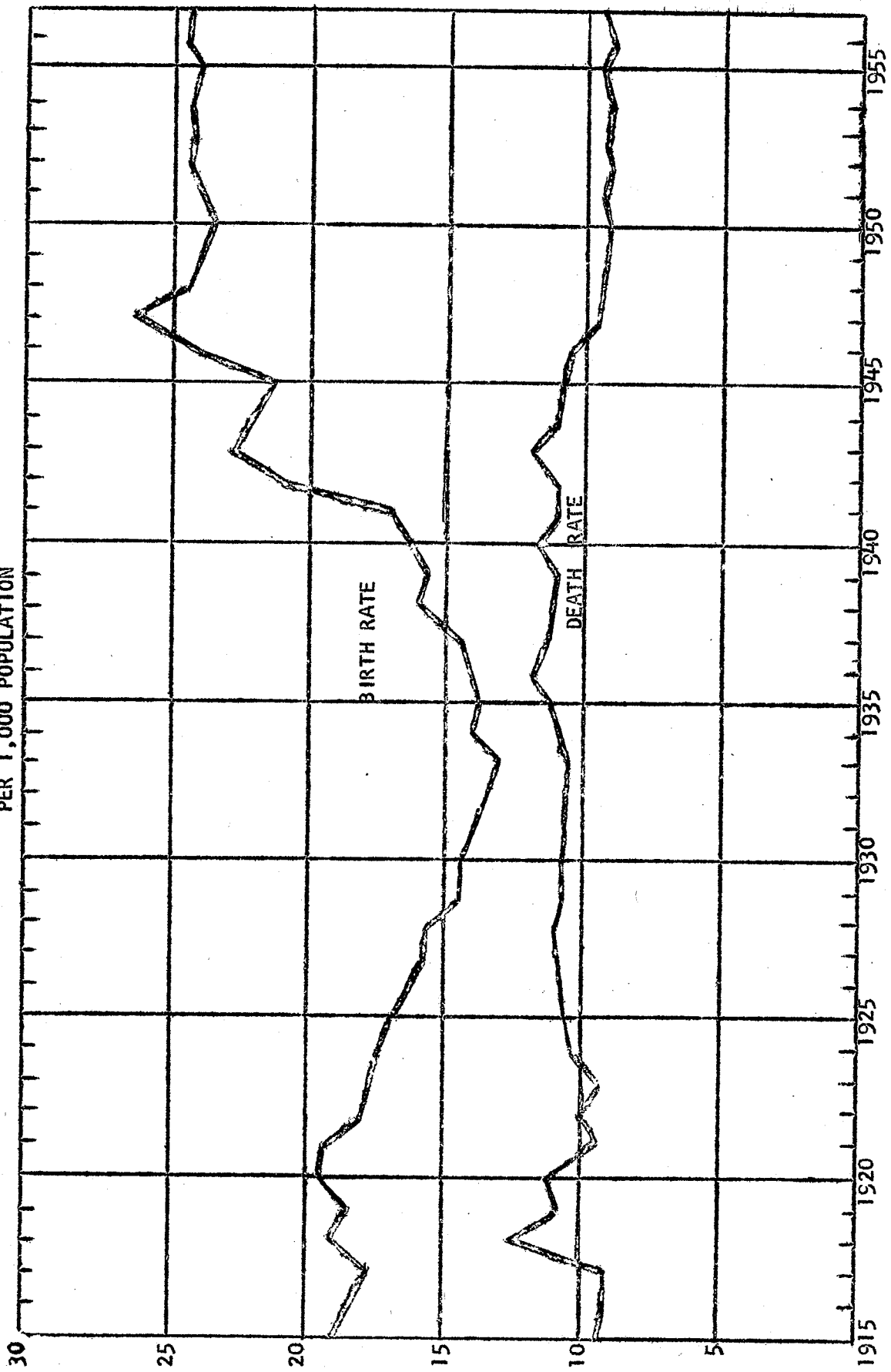
* Per 1,000 population ** Per 1,000 livebirths *** Per 10,000 livebirths

1933 and prior are occurrence figures, also Infant Mortality 1938 and Fetal Deaths 1935 - 1938, all others are residence figures.

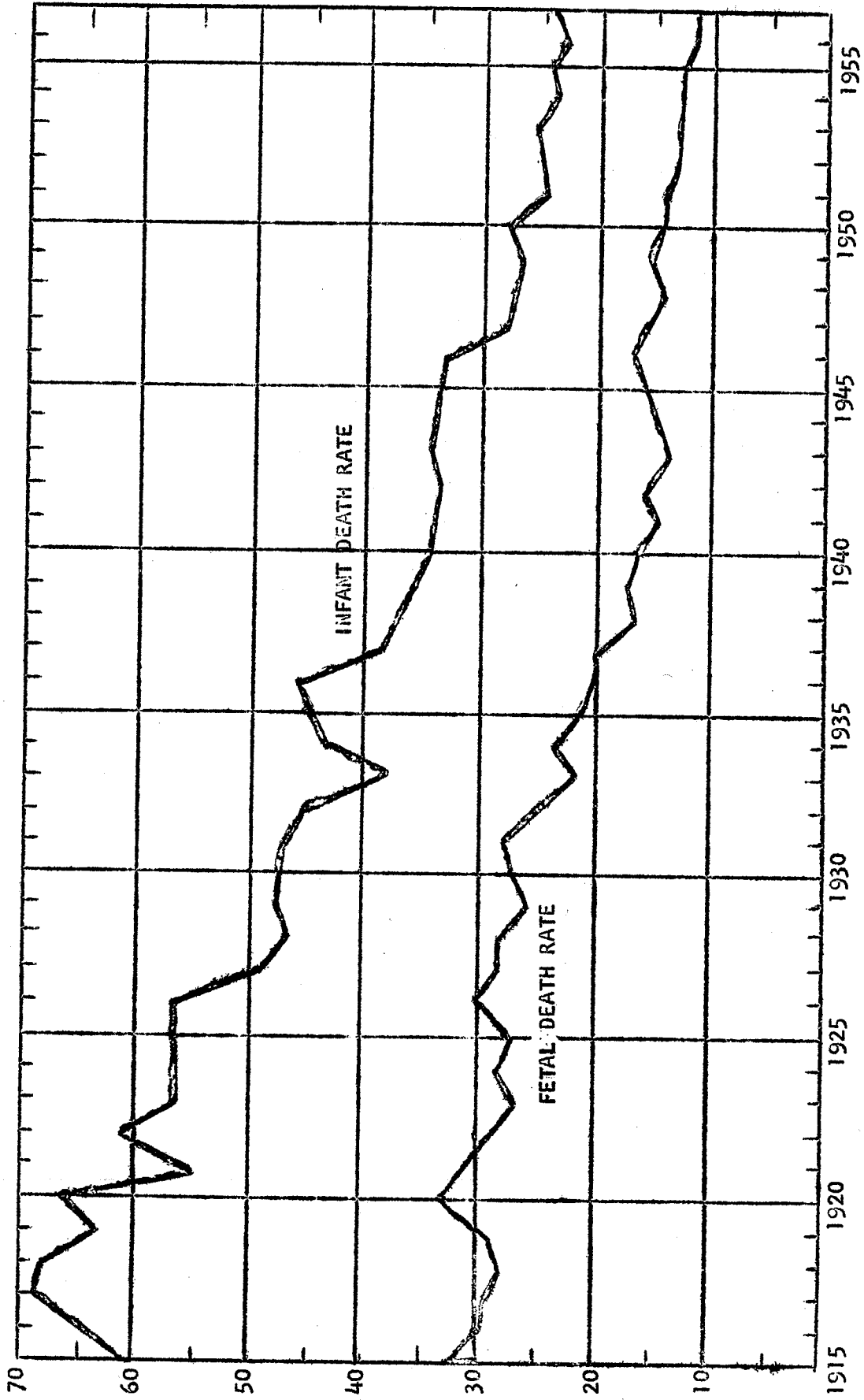
BIRTHS AND DEATHS 1915 - 1957



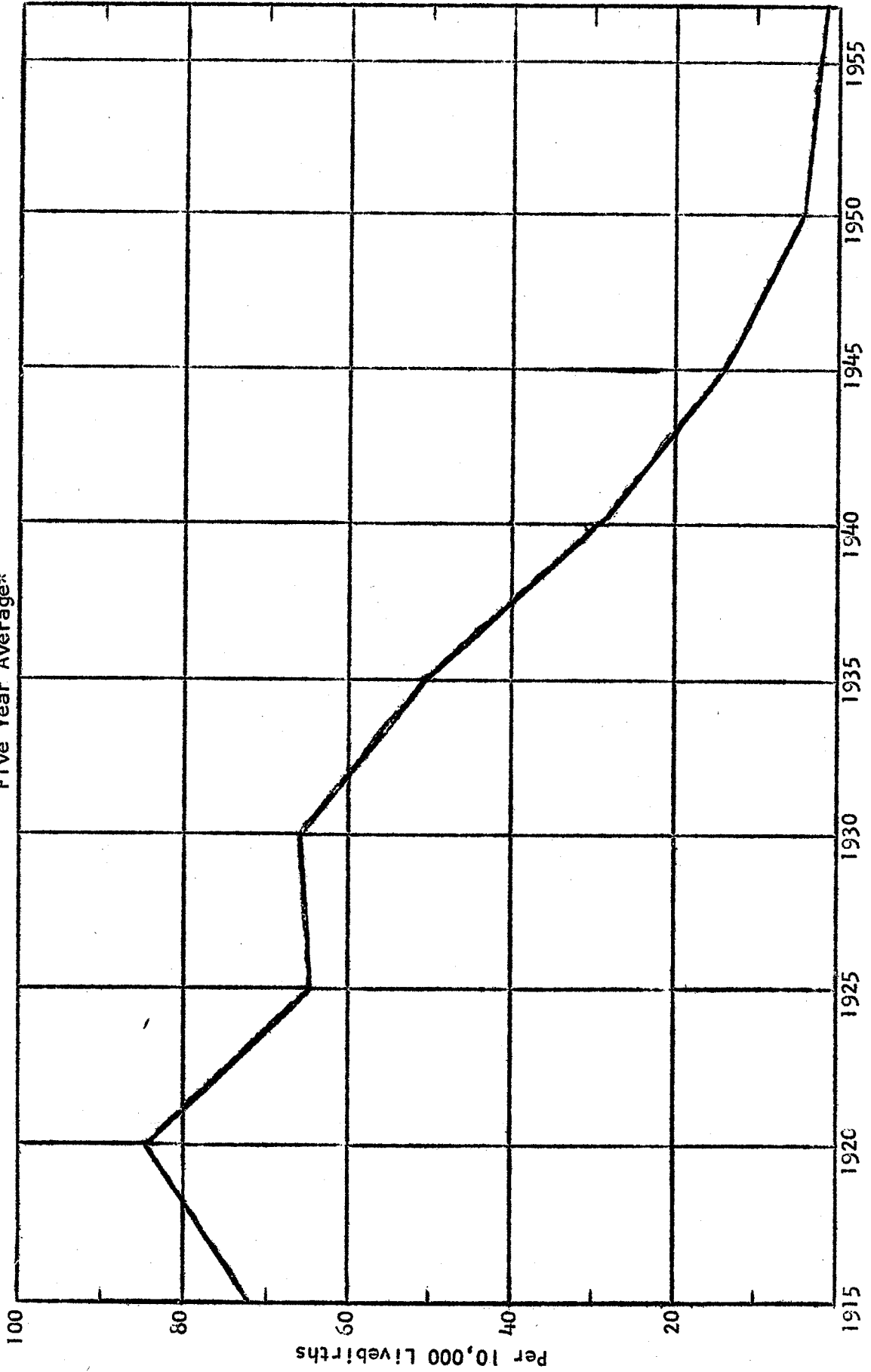
BIRTH AND DEATH RATES 1915 - 1957
PER 1,000 POPULATION



INFANT AND FETAL DEATH RATES, 1915 - 1957
PER 1,000 LIVEBIRTHS



MATERNAL DEATH RATE, 1915 - 1957
Five Year Average*



* Each point is the average of a five year period centered on the plotted year

TABLE 2

ESTIMATES OF THE POPULATION OF THE STATE OF WASHINGTON BY COUNTIES
AND CITIES OF 10,000 AND OVER, JULY 1, 1957

ADAMS	10,000	KITSAP	78,400
ASOTIN	12,800	Bremerton	28,500
BENTON	68,600	KITTITAS	20,500
Kennewick	13,700	KLICKITAT	12,600
Richland*	26,300	LEWIS	43,400
CHELAN	43,100	LINCOLN	11,000
Wenatchee	16,600	MASON	15,600
CLALLAM	28,200	OKANOGAN	29,200
Port Angeles	11,900	PACIFIC	16,300
CLARK	85,700	PEND OREILLE	7,600
Vancouver	42,000	PIERCE	310,800
COLUMBIA	4,900	Puyallup	11,200
COWLITZ	58,300	Tacoma	157,500
Longview	23,300	SAN JUAN	3,200
DOUGLAS	14,500	SKAGIT	49,700
FERRY	4,300	SKAMANIA	5,300
FRANKLIN	21,500	SNOHOMISH	134,600
asco	13,900	Everett	34,800
GARFIELD	3,200	SPOKANE	188,400
GRANT	47,200	Spokane	273,500
Moses Lake	11,800	STEVENS	20,600
GRAYS HARBOR	56,700	THURSTON	47,700
Aberdeen	20,500	Olympia	17,400
Hoquiam	11,200	WAHKIAKUM	3,900
ISLAND	13,600	WALLA WALLA	42,900
JEFFERSON	8,400	Walla Walla	25,500
KING	852,700	WHATCOM	73,100
Bellevue	10,800	Bellingham	36,700
Renton	16,900	WHITMAN	31,600
Seattle	573,700	Pullman	11,500
		YAKIMA	147,500
		Yakima	43,900
* Unincorporated		STATE TOTAL	2,712,700

The above estimates of population for the major cities of Washington are based on the State Census Board release of population figures as of April 1, 1957. The population estimates for the counties are independently derived by the Public Health Statistics Section of the State Department of Health.

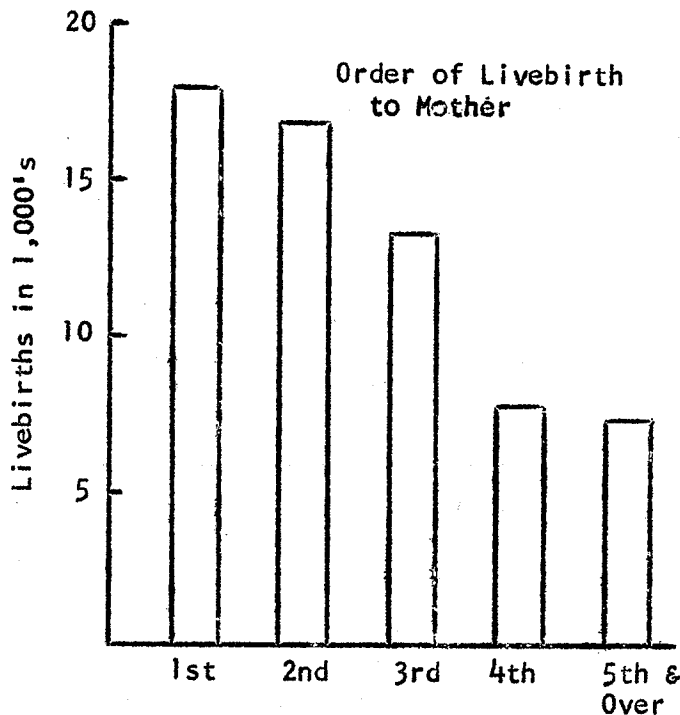
LIVEBIRTHS

The number of livebirths in Washington in 1957 was the largest in the state's history with 66,552 births occurring in the state and 65,982 births to Washington residents. The resident birth rate for 1957 is 24.3, slightly below the ten year median of 24.4.

Table 1 lists the number of births from 1915 through 1957 with rates per 1,000 estimated population. These data are presented graphically on pages 2 and 3. It can be observed in general the trend has been upward although a temporary downward trend prevailed during the period from 1920 through 1933. In 1933, the low rate of 12.9 per 1,000 population prevailed. From this point, a gradual rising trend is observed which continues until the peak is reached in 1947. From 1947 to date, the birth rate seems to have tapered off to a norm of around 24 livebirths per 1,000 estimated population.

Counties showing the highest resident birth rates for 1957 (all those over 30.0 per 1,000 population) were Grant 33.3 per 1,000 Island with 36.0 per 1,000. Those counties showing the lowest resident birth rates (all those under 19.0 per 1,000 population) were Douglas with 18.7 per 1,000, Pacific with 18.5 per 1,000 and San Juan with 10.0 livebirths per 1,000 population. Residence and occurrence births for 1957 with rates per 1,000 population are given in Table 4 on page 11 of this summary.

Of the total residence livebirths 94.8 per cent were classified as White with 2.4 per cent as Negro, 1.4 per cent as Indian and the balance as Oriental or Other. This seems to indicate a slight gain in the percentage of non-white livebirths in this state. County data by race are given in Table 5 on page 13.



Of the livebirths by residence 99.1 per cent were born in hospitals or maternity homes. Residence and occurrence data by place, institutions of birth, are given in Table 7 page 17.

The sex ratio of residence livebirths was 106.6 males per every 100 females. In regard to the order of birth, more livebirths were the first child of the family than were the second or third. Of the residence livebirths, 27.9% were the first child in the family, 26.0% the second child and 20.7% the third child born to the family.

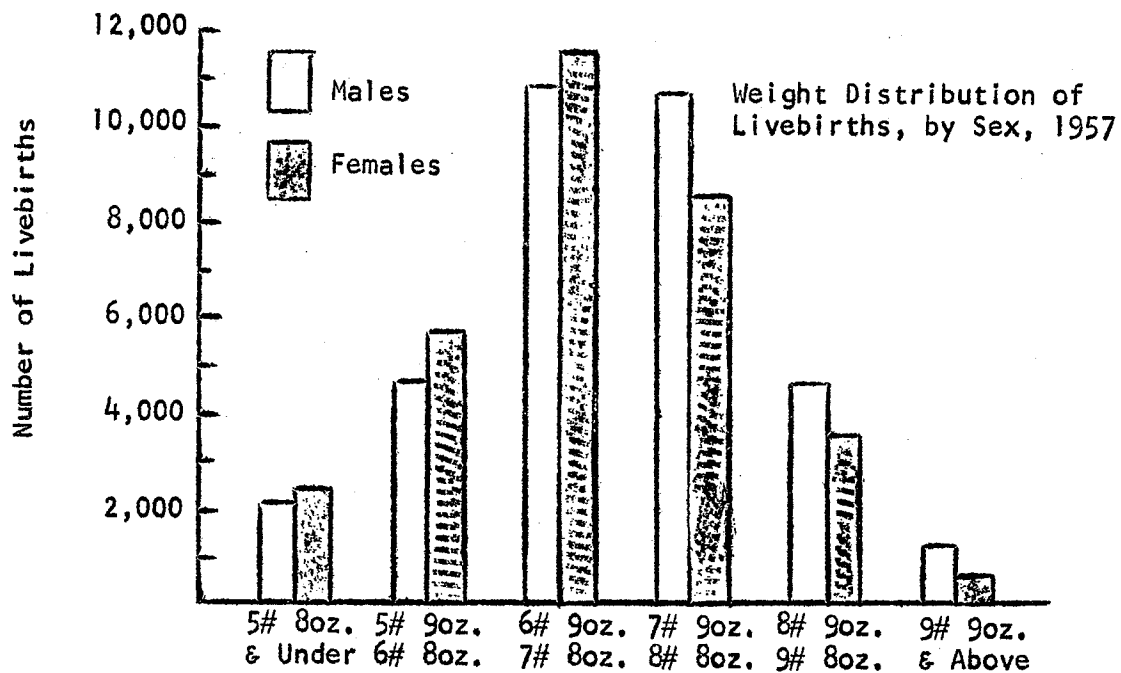
The order of livebirth to mother is illustrated in the graph on the preceding page and is presented in tabulated form in the birth summary table on page 9.

A total of 679 sets of twins were born in 1957. Of these, 644 sets of twins were born in which both were live born and 35 sets with one child listed as a fetal death.

In addition to these six sets of triplets were born. All infants in this group were live born. The county and city break-down of multiple births is given in Table 9 page 21. Median age of mothers in 1957 was 25 years of age. The greatest number of births occurred to mothers in the 20-24 age group.

Resident illegitimate livebirths occurred at the rate of 25.3 per 1,000 resident livebirths and of occurrence illegitimate livebirths occurred at the rate of 26.5 per 1,000 occurrence livebirths. Table 9, page 21, contains data on illegitimate livebirths by county and city of residence and of occurrence.

Male infants tended to weigh more at birth than female infants.



Median weight of the males was 7 pounds 8 ounces as compared to 7 pounds 4 ounces for the female livebirths. The above graph shows the weight distribution by sex. Defining immaturity as infants 5 1/2 pounds or less at birth, there were 4,501 immature livebirths or 6.8 per cent of the total number of residence livebirths. Table 9, 10 and 11 on pages 21, 23 and 25 give the data on immaturity by county and city.

Pages 9 through 31 contain other data on livebirths for Washington during the year 1957.

TABLE 3

LIVEBIRTHS: SUMMARY, 1957

A. Livebirths: Residence by Race by Sex				B. Livebirths: Residence by Age Group of Mother by Sex			
Race	Total	Male	Female	Age Group	Total	Male	Female
All Races	65,982*	34,045	31,935	Total	65,982*	34,045	31,935
White	62,526*	32,285	30,239	Under 15	38	21	17
Negro	1,586	798	788	15 - 19	9,055	4,718	4,337
Indian	928	468	460	20 - 24	22,772*	11,650	11,121
Japanese	469	250	219	25 - 29	16,846*	8,753	8,092
Chinese	146	61	85	30 - 34	10,645	5,465	5,180
Other & N. S.	327	183	144	35 - 39	5,303	2,764	2,539
				40 - 44	1,250	637	613
				45 & Above	67	34	33
				Not Stated	6	3	3

*Includes 2 White, Sex unknown

C. Livebirths: Residence and Occurrence by Institution of Birth

Institution	Resident Livebirths	% of Total	Occurrence Livebirths	% of Total
Total	65,982	100.0	66,552	100.0
General Hospitals	65,258	98.9	65,807	98.9
Maternity Homes	139	0.2	160	0.2
Private Residences	255	0.4	248	0.4
Other and Not Stated	330	0.5	337	0.5

D. Livebirths: Residence by Order of Livebirth to Mother

Order of Child	Number	% of Total
Total	65,982	100.0
1st child	18,435	27.9
2nd child	17,153	26.0
3rd child	13,665	20.7
4th child	8,484	12.9
5th child	4,231	6.4
6th child	1,976	3.0
7th child	979	1.5
8th child	478	0.7
9th child	271	0.4
10th or more	306	0.5
Not Stated	4	0.0

E. Livebirths: Residence by Attendant

Attendant	Number	% of Total
Total	65,982	100.0
M. D.	65,155	98.8
Osteopath	754	1.1
Midwife	8	0.0
Chiropractor	3	0.0
Sanipractor	2	0.0
Other and Not Stated	60	0.1

LIVEBIRTHS: SUMMARY (Cont'd)

F. Livebirths: Residence and Occurrence by Sex by Birthweight

Birthweight	Residence Livebirths			Occurrence Livebirths		
	Total	Male	Female	Total	Male	Female
Total	65,982*	34,045	31,935	66,552*	34,298	32,252
1# 8 oz. and Under	128	62	66	132	64	68
1# 9 oz. - 2# 8 oz.	265	130	135	259	125	134
2# 9 oz. - 3# 8 oz.	419	204	215	425	205	220
3# 9 oz. - 4# 8 oz.	881*	443	437	888*	447	440
4# 9 oz. - 5# 8 oz.	2,808	1,236	1,572	2,815	1,240	1,575
5# 9 oz. - 6# 8 oz.	10,423	4,571	5,852	10,535	4,607	5,928
6# 9 oz. - 7# 8 oz.	22,495*	10,872	11,622	22,669*	10,937	11,731
7# 9 oz. - 8# 8 oz.	19,253	10,636	8,617	19,434	10,730	8,704
8# 9 oz. - 9# 8 oz.	7,409	4,613	2,796	7,482	4,651	2,831
9# 9 oz. - 10# 8 oz.	1,551	1,046	505	1,571	1,063	508
10# 9 oz. and over	273	189	84	279	195	84
Not Stated	77	43	34	63	34	29

Livebirths, Illegitimate Livebirths, and Fetal Deaths: Residence & Occurrence by Month

	Total Livebirths		Illegitimate Livebirths		Fetal Deaths	
	Residence	Occurrence	Residence	Occurrence	Residence	Occurrence
Total	65,982	66,552	1,671	1,763	793	802
January	5,106	5,142	140	144	55	55
February	4,814	4,854	121	126	64	65
March	5,495	5,536	150	151	61	62
April	5,483	5,541	144	159	59	59
May	5,543	5,589	141	153	80	80
June	5,682	5,727	139	147	74	75
July	5,952	5,995	156	160	67	68
August	5,761	5,820	148	152	61	62
September	5,719	5,777	128	137	67	68
October	5,735	5,793	128	135	77	77
November	5,346	5,382	148	162	51	52
December	5,346	5,396	128	137	77	79

H. Multiple Births: Residence

644 sets of Twins, both Liveborn
 35 sets of Twins, One Liveborn, One Stillborn
 6 sets of Triplets, all Liveborn

TABLE 4

LIVEBIRTHS: RESIDENCE AND OCCURRENCE, FOR COUNTIES AND CITIES
OF 10,000 POPULATION AND OVER, WITH RATES
PER 1,000 POPULATION, 1957

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
STATE TOTAL	65,982	24.3	66,552	24.5
ADAMS	266	26.6	178	17.8
ASOTIN	315	24.6	313	24.5
BENTON	1,537	22.4	1,732	25.2
Kennewick	485	35.4	464	33.9
Richland	721	27.4	744	28.3
CHELAN	923	21.4	1,151	26.7
Wenatchee	425	25.6	965	58.1
CLALLAM	736	26.1	756	26.8
Port Angeles	353	29.7	658	55.3
CLARK	1,983	23.1	2,460	28.7
Vancouver	841	20.0	1,938	46.1
COLUMBIA	95	19.4	96	19.6
COWLITZ	1,459	25.0	1,530	26.2
Longview	690	29.6	1,529	65.6
DOUGLAS	271	18.7	38	2.6
FERRY	98	22.8	56	13.0
FRANKLIN	549	25.5	607	28.2
Pasco	372	26.8	566	40.7
GARFIELD	67	20.9	61	19.1
GRANT	1,574	33.3	1,503	31.8
Moses Lake	500	42.4	696	59.0
GRAYS HARBOR	1,206	21.3	1,199	21.1
Aberdeen	418	20.4	1,126	54.9
Hoquiam	236	21.1	0	-
ISLAND	490	36.0	415	30.5
JEFFERSON	234	27.9	192	22.9
KING	21,031	24.7	22,188	26.0
Bellevue	527	48.8	1	0.1
Renton	474	28.0	1,989	117.7
Seattle	12,255	21.4	18,554	32.3

TABLE 4 (Cont'd)

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
KITSAP	1,858	23.7	1,868	23.8
Bremerton	753	26.4	1,821	63.9
KITTITAS	402	19.6	420	20.5
KLICKITAT	333	26.4	302	24.0
LEWIS	902	20.8	972	22.4
LINCOLN	223	20.3	78	7.1
MASON	373	23.9	325	20.8
OKANOGAN	620	21.2	731	25.0
PACIFIC	302	18.5	306	18.8
PEND OREILLE	196	25.8	196	25.8
PIERCE	7,804	25.1	7,820	25.2
Puyallup	277	24.7	646	57.7
Tacoma	3,965	25.2	5,435	34.5
SAN JUAN	32	10.0	21	6.6
SKAGIT	1,080	21.7	1,131	22.8
SKAMANIA	103	19.4	0	-
JOHOMISH	3,825	28.4	2,710	20.1
Everett	909	26.1	2,256	64.8
SPOKANE	7,015	25.6	7,563	27.7
Spokane	4,845	25.7	6,830	36.3
STEVENS	402	19.5	393	19.1
THURSTON	1,247	26.1	1,027	21.5
Olympia	466	26.8	1,011	58.1
WAHKIAKUM	75	19.2	0	-
WALLA WALLA	834	19.4	1,023	23.8
Walla Walla	461	18.1	1,022	40.1
WHATCOM	1,454	19.9	1,488	20.4
Bellingham	777	21.2	1,334	36.3
WHITMAN	715	22.6	486	15.4
Pullman	316	27.5	253	22.0
YAKIMA	3,353	22.7	3,217	21.8
Yakima	1,099	25.0	2,201	50.1

TABLE 5

LIVEBIRTHS: RESIDENCE BY RACE FOR COUNTIES AND CITIES OF
10,000 POPULATION AND OVER, 1957

County and City	Total	White	Negro	Indian	Japanese	Chinese	Other
STATE TOTAL	65,982	62,526	1,586	928	469	146	327
ADAMS	266	262	1	2	1		
ASOTIN	315	308		7			
BENTON	1,537	1,518	7	3	8		1
Kennewick	485	484		1			
Richland	721	713	5		3		
CHELAN	923	913	1	7	1		1
Wenatchee	425	420	1	2	1		1
CLALLAM	736	669	1	65			1
Port Angeles	353	346		7			
CLARK	1,983	1,967	10	2	3	1	
Vancouver	841	827	10	1	2	1	
COLUMBIA	95	95					
COWLITZ	1,459	1,450	2	4	2		1
Longview	690	686	2	1			1
DOUGLAS	271	268		1	2		
FERRY	98	74		24			
FRANKLIN	549	505	42		1		1
Pasco	372	330	41		1		
GARFIELD	67	67					
GRANT	1,574	1,523	35	4	9		3
Moses Lake	500	475	19	1	5		
GRAYS HARBOR	1,206	1,163		35	3	2	3
Aberdeen	418	410		3	1	2	2
Hoquiam	236	234		1			1
ISLAND	490	475	7		1		7
JEFFERSON	234	220	1	13			
KING	21,031	19,468	841	161	267	126	168
Bellevue	527	526			1		
Renton	474	471	2	1			
Seattle	12,255	10,823	817	123	228	123	141

TABLE 5 (Cont'd)

County and City	Total	White	Negro	Indian	Japanese	Chinese	Other
KITSAP	1,858	1,754	47	32	4	1	20
Bremerton	753	717	24	4			8
KITTITAS	402	397		3	1		1
KLICKITAT	333	325		5	2		1
LEWIS	902	900		1	1		
LINCOLN	223	221		2			
MASON	373	356	1	15	1		
OKANOGAN	620	525	3	92			
PACIFIC	302	296		5			1
PEND OREILLE	196	190		4	2		
PIERCE	7,804	7,139	404	77	105	4	75
Puyallup	277	272	1	3	1		
Tacoma	3,965	3,596	266	44	31	3	25
SAN JUAN	32	32					
SKAGIT	1,080	1,057		16	5	1	1
SKAMANIA	103	103					
SNOHOMISH	3,825	3,750	12	45	7		11
Everett	909	890	8	9	1		1
SPOKANE	7,015	6,810	117	41	27	5	15
Spokane	4,845	4,673	104	33	21	4	10
STEVENS	402	377		25			
THURSTON	1,247	1,234		8	4	1	
Olympia	466	463		1	1	1	
WAHKIAKUM	75	74		1			
WALLA WALLA	834	823	6	2	3		
Walla Walla	461	452	6	1	2		
WHATCOM	1,454	1,384	1	65	1	1	2
Bellingham	777	762		13	1		1
WHITMAN	715	710	1	1		1	2
Pullman	316	312	1			1	2
YAKIMA	3,353	3,124	46	160	8	3	12
Yakima	1,099	1,046	35	11	2	2	3

TABLE 6

LIVEBIRTHS: RESIDENCE, BY MOTHER'S AGE FOR COUNTIES AND CITIES
OF 10,000 POPULATION AND OVER, 1957

County and City	Total All Ages	Und 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Age Unk
STATE TOTAL	65,982	38	9,055	22,772	16,846	10,645	5,303	1,250	67	6
ADAMS	266		36	74	85	45	19	7		
ASOTIN	315		58	111	81	42	16	7		
BENTON	1,537	1	178	485	420	294	123	35	1	
Kennewick	485		58	166	125	90	37	9		
Richland	721		60	224	220	142	59	15		
CHELAN	923	1	130	319	256	145	55	17		
Wenatchee	425	1	57	143	121	66	29	8		
CLALLAM	736		127	264	168	106	57	12	2	
Port Angeles	353		63	123	75	62	25	5		
CLARK	1,983		275	691	465	340	179	31	2	
Vancouver	841		122	312	187	146	61	12	1	
COLUMBIA	95		14	26	29	14	10	2		
COWLITZ	1,459		237	542	319	211	115	34	1	
Longview	690		99	248	165	111	56	10	1	
DOUGLAS	271	1	26	97	73	47	18	8	1	
FERRY	98		25	29	24	10	7	2	1	
FRANKLIN	549		70	174	144	106	46	8	1	
Pasco	372		52	123	94	73	25	5		
GARFIELD	67		15	18	11	17	4	2		
GRANT	1,574	1	283	552	375	234	102	24	3	
Moses Lake	500		98	212	98	65	22	5		
GRAYS HARBOR	1,206	2	179	431	287	173	112	22		
Aberdeen	418	1	52	149	95	72	38	11		
Hoquiam	236		37	86	60	31	19	3		
ISLAND	490		77	199	111	57	38	8		
JEFFERSON	234		45	83	59	31	11	4	1	
KING	21,031	10	2,396	6,805	5,741	3,849	1,833	380	15	2
Bellevue	527		10	92	209	148	60	8		
Renton	474		107	184	103	46	30	3	1	
Seattle	12,255	7	1,415	4,118	3,201	2,236	1,053	217	7	1

TABLE 6 (Cont'd)

County and City	Total All Ages	Und 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Age Unk
KITSAP	1,858	2	349	630	435	251	152	35	4	
Bremerton	753	1	161	278	171	90	44	6	2	
KITTITAS	402		60	146	91	63	30	10	2	
KLICKITAT	333		67	116	70	45	30	5		
LEWIS	902		152	312	198	143	78	18	1	
LINCOLN	223		15	86	66	29	22	4	1	
MASON	373	1	74	127	95	51	20	5		
OKANOGAN	620	2	83	222	158	88	49	14	4	
PACIFIC	302		42	105	63	53	22	16		1
PEND OREILLE	196		35	74	45	20	17	5		
PIERCE	7,804	6	1,060	2,785	1,998	1,235	575	142	3	
Puyallup	277		48	99	68	42	16	3	1	
Tacoma	3,965	5	607	1,396	938	646	303	69	1	
SAN JUAN	32		8	10	9	4		1		
SKAGIT	1,080	1	184	390	244	143	86	27	3	2
SKAMANIA	103		20	31	26	12	11	2	1	
WASCO	3,825	2	550	1,415	943	541	293	76	5	
Everett	909		176	335	195	125	61	17		
SPOKANE	7,015	1	1,032	2,524	1,786	1,035	524	108	5	
Spokane	4,845	1	757	1,776	1,205	665	363	74	4	
STEVENS	402		82	135	84	50	41	10		
THURSTON	1,247	1	188	452	282	191	103	27	3	
Olympia	466		73	177	94	74	37	11		
WAHKIAKUM	75		9	27	16	16	4	3		
WALLA WALLA	834		96	306	229	122	63	18		
Walla Walla	461		70	149	122	72	36	12		
WHATCOM	1,454		178	547	359	223	116	28	3	
Bellingham	777		99	323	176	120	45	14		
WHITMAN	715		79	319	164	88	49	15		1
Pullman	316		32	163	74	31	10	6		
YAKIMA	3,353	6	521	1,113	837	521	273	78	4	
Yakima	1,099	1	151	370	288	186	84	19		

TABLE 7

LIVEBIRTHS: RESIDENCE AND OCCURRENCE BY TYPE OF INSTITUTION OF BIRTH FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total		General Hospital		Maternity Home		Home		Other and Not Stated	
	Res.	Occ.	Res.	Occ.	Res.	Occ.	Res.	Occ.	Res.	Occ.
STATE TOTAL	65,982	66,552	65,258	65,807	139	160	255	248	330	337
ADAMS	266	178	207	105			1	1	58	72
ASOTIN	315	313	313	312			2	1		
BENTON	1,537	1,732	1,530	1,729	3		3	3	1	
Kennewick	485	464	483	463			1	1	1	
Richland	721	744	717	742	2		2	2		
CHELAN	923	1,151	919	1,149	1		3	2		
Wenatchee	425	965	423	964	1		1	1		
CLALLAM	736	756	729	750			4	4	3	2
Port Angeles	353	658	352	658					1	
CLARK	1,983	2,460	1,971	2,452			8	5	4	3
Vancouver	841	1,938	837	1,935			4	2		1
OLUMBIA	95	96	95	96						
COWLITZ	1,459	1,530	1,453	1,529	1		5	1		
Longview	690	1,529	688	1,529			2			
DOUGLAS	271	38	269	38	2					
FERRY	98	56	98	55				1		
FRANKLIN	549	607	541	603			2	1	6	3
Pasco	372	566	370	562			1	1	1	3
GARFIELD	67	61	67	61						
GRANT	1,574	1,503	1,534	1,470	2		8	10	30	23
Moses Lake	500	696	498	693			2	2		1
GRAYS HARBOR	1,206	1,199	1,201	1,195			5	4		
Aberdeen	418	1,126	417	1,125			1	1		
Hoquiam	236	0	236							
ISLAND	490	415	410	336	76	76	3	3	1	
JEFFERSON	234	192	231	189			3	3		
KING	21,031	22,188	20,894	22,095	16	16	61	60	60	17
Bellevue	527	1	523		1		1	1	2	
Renton	474	1,989	474	1,989						
Seattle	12,255	18,554	12,184	18,506	10	16	27	27	34	5

TABLE 7 (Cont'd)

County and City	Total		General Hospital		Maternity Home		Home		Other and Not Stated	
	Res.	Occ.	Res.	Occ.	Res.	Occ.	Res.	Occ.	Res.	Occ.
KITSAP	1,858	1,868	1,802	1,812	1		5	5	50	51
Bremerton	753	1,821	750	1,812			2	2	1	7
KITTITAS	402	420	399	419	1		2	1		
KLICKITAT	333	302	333	302						
LEWIS	902	972	884	955	1		1	1	16	16
LINCOLN	223	78	222	75			1	2		1
MASON	373	325	369	322			3	3	1	
OKANOGAN	620	731	611	724	2		5	6	2	1
PACIFIC	302	306	289	293			12	12	1	1
PEND OREILLE	196	196	195	195			1	1		
PIERCE	7,804	7,820	7,779	7,799	4		19	18	2	3
Puyallup	277	646	276	645			1	1		
Tacoma	3,965	5,435	3,948	5,425	3		12	8	2	2
SAN JUAN	32	21	14				1	1	17	20
SKAGIT	1,080	1,131	1,074	1,127	2		3	3	1	1
SKAMANIA	103	0	103							
SNOHOMISH	3,825	2,710	3,757	2,601	1		15	15	52	94
Everett	909	2,256	905	2,255	1		2	1	1	
OKANE	7,015	7,563	6,953	7,444	20	68	29	29	13	22
Spokane	4,845	6,830	4,810	6,749	19	67	13	13	3	1
STEVENS	402	393	399	392	2		1	1		
THURSTON	1,247	1,027	1,228	1,005			17	21	2	1
Olympia	466	1,011	461	1,005			4	5	1	1
WAHKIAKUM	75	0	75							
WALLA WALLA	834	1,023	829	1,021	1		2	1	2	1
Walla Walla	461	1,022	459	1,021	1		1			1
WHATCOM	1,454	1,488	1,449	1,484			5	4		
Bellingham	777	1,334	775	1,333			2	1		
WHITMAN	715	486	710	484	1				4	2
Pullman	316	253	315	253	1					
YAKIMA	3,353	3,217	3,322	3,189	2		25	25	4	3
Yakima	1,099	2,201	1,095	2,196	2		2	3		2

TABLE 8

LIVEBIRTHS: RESIDENCE BY MONTH OF OCCURRENCE FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	65,982	5,106	4,814	5,495	5,483	5,543	5,682	5,952	5,761	5,719	5,735	5,346	5,346
ADAMS	266	18	19	23	22	17	22	23	27	25	27	23	20
ASOTIN	315	30	28	27	21	18	21	26	24	29	26	33	32
BENTON	1,537	131	104	122	140	123	114	141	132	137	152	131	110
Kennewick	485	46	35	34	39	35	40	50	52	37	35	42	40
Richland	721	59	49	65	73	58	56	61	51	62	77	59	51
CHELAN	923	56	71	85	63	77	89	103	78	73	90	74	64
Wenatchee	425	23	35	42	26	39	43	48	35	32	38	28	36
CLALLAM	736	57	57	52	62	66	64	62	56	80	57	63	60
Port Angeles	353	21	30	26	34	30	33	29	30	34	35	27	24
CLARK	1,983	140	138	191	155	181	198	169	155	161	170	151	174
Vancouver	841	65	64	98	64	97	85	76	61	50	53	50	78
COLUMBIA	95	8	6	6	8	9	9	9	9	9	8	8	6
COWLITZ	1,459	136	109	131	112	113	127	126	144	120	121	96	124
Longview	690	61	55	66	48	60	75	48	67	51	45	45	69
DOUGLAS	271	16	13	29	26	20	24	28	32	34	15	17	17
FERRY	98	7	4	9	12	10	7	7	12	6	11	7	6
FRANKLIN	549	43	28	51	53	49	45	58	45	55	43	36	43
Pasco	372	32	17	35	35	32	32	37	32	40	27	25	28
GARFIELD	67	7	4	6	3	9	4	6	9	3	9	3	4
GRANT	1,574	130	113	116	142	132	126	140	149	140	132	141	113
Moses Lake	500	45	44	36	49	42	47	44	45	50	29	36	33
GRAYS HARBOR	1,206	90	96	94	125	104	118	105	101	122	86	72	93
Aberdeen	418	29	37	37	45	33	42	29	40	38	28	30	30
Hoquiam	236	19	19	13	30	22	23	21	19	28	13	12	17
ISLAND	490	36	31	34	32	37	44	54	47	40	51	36	48
JEFFERSON	234	14	12	17	25	16	19	23	36	17	23	14	18
KING	21,031	1,634	1,520	1,743	1,743	1,729	1,803	1,855	1,797	1,891	1,895	1,752	1,669
Bellevue	527	61	54	42	51	38	46	34	37	36	43	41	44
Renton	474	28	25	47	32	39	43	52	37	49	34	48	40
Seattle	12,255	982	912	990	997	1,003	1,078	1,116	1,032	1,094	1,114	972	965

TABLE 9

MULTIPLE LIVEBIRTHS: RESIDENCE; IMMATURE LIVEBIRTHS: RESIDENCE WITH PERCENT
OF TOTAL LIVEBIRTHS; ILLEGITIMATE LIVEBIRTHS: RESIDENCE AND OCCURRENCE;
FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Sets of Twins		Sets of Triplets 3 Live- born	Immature Livebirths*		Illegitimate Livebirths	
	2 Live- born	1 Live- born		Number	Percent	Res.	Occ.
STATE TOTAL	644	35	6	4,501	6.8	1,671	1,763
ADAMS	1	1		13	4.9	4	3
ASOTIN	4			25	7.9	4	5
BENTON	12			78	5.1	22	13
Kennewick	7			29	6.0	6	3
Richland	4			33	4.6	6	4
CHELAN	9			53	5.7	34	29
Wenatchee	6			24	5.6	19	23
CLALLAM	6			55	7.5	22	20
Port Angeles	1			19	5.4	9	19
CLARK	23	2		125	6.3	42	38
Vancouver	10			51	6.1	28	31
COLUMBIA	2			5	5.3		
COWLITZ	14			85	5.8	33	25
Longview	5			33	4.8	15	25
DOUGLAS	1			13	4.8	8	
FERRY	1			9	9.2	6	3
FRANKLIN	6			43	7.8	18	17
Pasco	2			32	8.6	16	17
GARFIELD	0		1	6	9.0		
GRANT	15			97	6.2	22	16
Moses Lake	4			31	6.2	8	13
GRAYS HARBOR	12	1		82	6.8	27	23
Aberdeen	4			28	6.7	10	22
Hoquiam	4	1		19	8.1	2	
ISLAND	5	1		35	7.1	3	1
JEFFERSON	5			24	10.3	3	2
KING	201	8		1,441	6.9	633	752
Bellevue	9			38	7.2	8	
Renton	6			35	7.4	6	19
Seattle	111	5		888	7.2	489	713

TABLE 9 (Cont'd)

County and City	Sets of Twins		Sets of Triplets 3 Live- born	Immature Livebirths*		Illegitimate Livebirths	
	2 Live- born	1 Live- born		Number	Percent	Res.	Occ.
KITSAP	19	1		124	6.7	50	40
Bremerton	5			47	6.2	23	39
KITTITAS	3			26	6.5	9	6
KLICKITAT	2			19	5.7	6	4
LEWIS	6			48	5.3	14	12
LINCOLN	3			12	5.4	1	1
MASON	6			37	9.9	7	6
OKANOGAN	3			43	6.9	27	29
PACIFIC	1	1		19	6.3	8	7
PEND OREILLE	0			12	6.1	7	6
PIERCE	76	7	2	556	7.1	218	198
Puyallup	3			16	5.8	7	11
Tacoma	46	4		287	7.2	158	176
SAN JUAN	0			2	6.3	1	
SKAGIT	15			72	6.7	24	21
AMANIA	0	1		4	3.9	2	
SNOHOMISH	39	3		245	6.4	60	44
Everett	10	1		64	7.0	26	37
SPOKANE	61	3	1	514	7.3	160	255
Spokane	48	2	1	382	7.9	137	253
STEVENS	3	1		33	8.2	9	8
THURSTON	13			96	7.7	14	12
Olympia	2			37	7.9	7	12
WAHKIAKUM	0			1	1.3		
WALLA WALLA	13	2		72	8.6	12	14
Walla Walla	7	1		45	9.8	8	14
WHATCOM	22		1	98	6.7	30	29
Bellingham	14			53	6.8	16	12
WHITMAN	11			48	6.7	11	9
Pullman	2			16	5.1	2	
YAKIMA	31	3	1	231	6.9	120	115
Yakima	10			90	8.2	32	87

* An immature livebirth is defined as one weighing 5 pounds 8 ounces or less at birth.

TABLE 10

LIVEBIRTHS: RESIDENCE, MATURE AND IMMATURE, BY SEX FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total Livebirths		Mature Livebirths Over 5 1/2 lbs		Immature Livebirths 5 1/2 lbs & Under		Weight Unknown	
	M	F	M	F	M	F	M	F
	STATE TOTAL*	34,045	31,935	31,927	29,476	2,075	2,425	43
ADAMS	135	131	128	125	7	6		
ASOTIN	167	148	155	135	12	13		
BENTON	773	764	734	722	36	42	3	
Kennewick	235	250	220	233	12	17	3	
Richland	365	356	349	339	16	17		
CHELAN	491	432	464	405	27	26		1
Wenatchee	230	195	217	184	13	11		
CLALLAM	379	357	352	326	24	31	3	
Port Angeles	186	167	177	157	9	10		
CLARK	1,048	935	978	880	70	55		
Vancouver	423	418	395	395	28	23		
COLUMBIA	44	51	41	49	3	2		
COWLITZ	769	690	736	637	33	52		1
Longview	368	322	353	304	15	18		
DOUGLAS	132	139	124	134	8	5		
FERRY	48	50	44	45	4	5		
FRANKLIN	268	281	246	258	21	22	1	1
Pasco	184	188	167	173	17	15		
GARFIELD	37	30	36	25	1	5		
GRANT	804	770	756	720	48	49		1
Moses Lake	261	239	245	224	16	15		
GRAYS HARBOR	624	582	586	538	38	44		
Aberdeen	227	191	211	179	16	12		
Hoquiam	108	128	104	113	4	15		
ISLAND	253	237	237	218	16	19		
JEFFERSON	111	123	101	109	10	14		
KING	10,907	10,124	10,252	9,326	648	793	7	5
Bellevue	287	240	267	222	20	18		
Renton	253	221	238	201	15	20		
Seattle	6,349	5,906	5,944	5,414	400	488	5	4

TABLE 10 (Cont'd)

County and City	Total Livebirths		Mature Livebirths Over 5 1/2 lbs		Immature Livebirths 5 1/2 lbs & Under		Weight Unknown	
	M	F	M	F	M	F	M	F
KITSAP	1,003	855	940	793	62	62	1	
Bremerton	401	352	378	328	23	24		
KITTITAS	194	208	182	194	12	14		
KLICKITAT	168	165	161	153	7	12		
LEWIS	461	441	437	415	23	25	1	1
LINCOLN	110	113	103	108	7	5		
MASON	182	191	164	172	18	19		
OKANOGAN	321	299	299	277	21	22	1	
PACIFIC	153	149	141	142	12	7		
PEND OREILLE	103	93	100	84	3	9		
PIERCE	3,965	3,839	3,714	3,525	246	310	5	4
Puyallup	133	144	128	133	5	11		
Tacoma	2,011	1,954	1,874	1,799	134	153	3	2
JUAN	13	19	11	19	2			
SKAGIT	553	527	518	486	34	38	1	3
SKAMANIA	51	52	48	51	3	1		
SNOHOMISH***	2,012	1,812	1,887	1,685	123	122	2	5
Everett***	475	433	442	399	32	32	1	2
SPOKANE***	3,627	3,387	3,372	3,110	244	269	11	8
Spokane***	2,490	2,354	2,299	2,148	181	200	10	6
STEVENS	204	198	192	176	11	22	1	
THURSTON	638	609	595	555	42	54	1	
Olympia	238	228	216	212	21	16	1	
WAHKIAKUM	33	42	32	42	1			
WALLA WALLA	406	428	377	385	29	43		
Walla Walla	228	233	210	206	18	27		
WHATCOM	738	716	687	667	50	48	1	1
Bellingham	387	390	360	362	26	27	1	1
WHITMAN	382	333	370	296	11	37	1	
Pullman	170	146	166	133	3	13	1	
YAKIMA	1,738	1,615	1,627	1,489	108	123	3	3
Yakima	594	505	543	465	51	39		1

* State Total excludes two births of Unknown Sex

Excludes one birth of Unknown Sex, birthweight 7 lbs.

*** Excludes one birth of Unknown Sex, birthweight 4 lbs. 4 oz.

TABLE 11

IMMATURE LIVEBIRTHS: RESIDENCE, BY BIRTHWEIGHT, BY SEX FOR COUNTIES
AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total Immature Livebirths		1 lb 8oz & Under		1 lb 9oz 2 lb 8oz		2 lb 9oz 3 lb 8oz		3 lb 9oz 4 lb 8oz		4 lb 9oz 5 lb 8oz	
	M	F	M	F	M	F	M	F	M	F	M	F
	STATE TOTAL*	2,075	2,425	62	66	130	135	204	215	443	437	1,236
ADAMS	7	6						2	3	1	4	3
ASOTIN	12	13			2		1	3	2	3	7	7
BENTON	36	42	1	1	1	3	2	2	5	7	27	29
Kennewick	12	17	1			2	1	2	3	2	7	11
Richland	16	17		1	1				2	3	13	13
CHELAN	27	26			3		4		3	7	17	19
Wenatchee	13	11			1		4		2	2	6	9
CLALLAM	24	31		1	1	4	3	2	5	5	15	19
Port Angeles	9	10		1		1	1	2	3	1	5	5
CLARK	70	55	2	1	2	2	7	2	17	9	42	41
Vancouver	28	23			1		3		9	5	15	18
COLUMBIA	3	2			1			1	2			1
COWLITZ	33	52	2	1	2	4	3	5	6	10	20	32
Longview	15	18		1	2	1	1	3	3	1	9	12
DOUGLAS	8	5					2	1	2	1	4	3
FERRY	4	5					1	1		1	3	3
FRANKLIN	21	22	1		1		2	6	2	5	15	11
Pasco	17	15	1		1			3	2	3	13	9
GARFIELD	1	5		2		1			1	1		1
GRANT	48	49	3	1	3	2	6	4	12	9	24	33
Moses Lake	16	15		1	2	1	1	1	5	4	8	8
GRAYS HARBOR	38	44			3	6	4	9	10	5	21	24
Aberdeen	16	12			3	2	2	4	7		4	6
Hoquiam	4	15				2	1	4		3	3	6
ISLAND	16	19			1	1	3	1	2	1	10	16
JEFFERSON	10	14	1	1	1		1			4	7	9
KING	648	793	23	26	40	44	69	51	147	141	369	531
Bellevue	20	18		1		2	1		5	3	14	12
Renton	15	20	1	1	1	2	2		3	4	8	13
Seattle	400	488	16	13	29	28	41	29	90	81	224	337

TABLE 11 (Cont'd)

County and City	Total Immature Livebirths		1 lb 8oz & under		1 lb 9oz 2 lb 8oz		2 lb 9oz 3 lb 8oz		3 lb 9oz 4 lb 8oz		4 lb 9oz 5 lb 8oz	
	M	F	M	F	M	F	M	F	M	F	M	F
	KITSAP	62	62	4	1	1	5	9	9	9	13	39
Bremerton	23	24	3		1	2	3	4	2	5	14	13
KITTITAS	12	14						1	4	5	8	8
KLICKITAT	7	12			1				1	4	5	8
LEWIS	23	25			3	1	2	3	4	7	14	14
LINCOLN	7	5					1	1	3	1	3	3
MASON	18	19			1	1	1	1	3	3	13	14
OKANOGAN	21	22		1	3		1		4	4	13	17
PACIFIC	12	7			2		1	1	3	2	6	4
PEND OREILLE	3	9						1		1	3	7
PIERCE	246	310	9	11	22	16	23	37	54	51	138	195
Puyallup	5	11			2			2	2	3	1	6
Tacoma	134	153	3	8	12	7	14	19	31	24	74	95
V JUAN	2		1						1			
AGIT	34	38					1	4	9	10	24	24
SKAMANIA	3	1	1				1				1	1
SNOHOMISH	123	122	1	7	5	8	10	10	34	22	73	75
Everett	32	32	1	2	1	3	2	1	10	3	18	23
SPOKANE*	244	269	6	8	16	18	25	28	46	47	151	168
Spokane*	181	200	5	5	11	15	22	23	39	38	104	119
STEVENS	11	22	1		1	2		2		3	9	15
THURSTON	42	54	1	3	3	3	4	5	6	12	28	31
Olympia	21	16			3	3	2	4	3	2	13	7
WAHKIAKUM	1								1			
WALLA WALLA	29	43			3	5		4	9	5	17	29
Walla Walla	18	27			2	4		2	4	1	12	20
WHATCOM	50	48	1		2	1	6	7	7	10	34	30
Bellingham	26	27			1	1	2		4	5	19	21
WHITMAN	11	37			1	3	2	1	4	1	4	32
Pullman	3	13					1		1		1	13
YAKIMA	108	123	4	1	5	5	9	10	22	26	68	81
Yakima	51	39	2	1	2	2	4	5	7	9	36	22

* Excludes one birth of Unknown Sex, birthweight 4 lbs. 4 oz.

TABLE 12

LIVE BIRTHS: RESIDENCE, BY BIRTHWEIGHT IN GRAMS, FOR COUNTIES
AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total	1000- or less	1001- 1500	1501- 2000	2001- 2500	2501- 3000	3001- 3500	3501- 4000	4001- 4500	4501- & over	Not Stated
STATE TOTAL	65,982	303	364	839	2,995	11,473	25,849	18,262	4,903	917	77
ADAMS	266		1	5	7	40	97	81	31	4	
ASOTIN	315	2	1	8	14	52	96	115	23	4	
BENTON	1,537	5	4	9	60	257	618	417	137	27	3
Kennewick	485	3	2	5	19	82	192	122	46	11	3
Richland	721	2		2	29	131	297	193	59	8	
CHELAN	923	1	4	10	38	161	353	275	70	10	1
Wenatchee	425		3	6	15	79	173	124	24	1	
CLALLAM	736	3	4	14	34	137	279	195	52	15	3
Port Angeles	353	1	2	6	10	69	142	92	25	6	
CLATSOP	1,983	7	5	24	89	321	709	628	157	43	
Bastrop	841	1	2	12	36	129	308	274	67	12	
COLUMBIA	95	1	1	2	1	19	34	24	12	1	
COWLITZ	1,459	7	10	8	60	201	524	473	150	25	1
Longview	690	3	5	1	24	98	262	221	68	8	
DOUGLAS	271		3	1	9	47	98	81	29	3	
FERRY	98		1	2	6	21	32	26	9	1	
FRANKLIN	549	1	8	6	28	89	227	140	42	6	2
Pasco	372	1	4	4	23	68	160	88	19	5	
GARFIELD	67	3		2	1	10	29	19	1	2	
GRANT	1,574	7	8	20	62	291	638	409	118	20	1
Moses Lake	500	4		7	20	84	212	133	34	6	
GRAYS HARBOR	1,206	5	14	17	46	204	478	341	80	21	
Aberdeen	418	3	7	8	10	72	164	121	24	9	
Hoquiam	236	1	5	4	9	36	98	62	18	3	
ISLAND	490	1	3	5	26	81	183	145	37	9	
JEFFERSON	234	2	1	4	17	40	76	69	22	3	
KING	21,031	110	98	280	953	3,920	8,455	5,539	1,424	240	12
Bellevue	527	1	2	9	26	83	212	137	43	14	
Renton	474	3	3	7	22	83	205	109	36	6	
Seattle	12,255	72	58	163	595	2,349	4,960	3,121	803	125	9

TABLE 12 (Cont'd)

County and City	Total	1000- or less	1001- 1500	1501- 2000	2001- 2500	2501- 3000	3001- 3500	3501- 4000	4001- 4500	4501- & over	Not Stated
KITSAP	1,858	10	12	22	80	315	718	526	145	29	1
Bremerton	753	6	5	8	28	137	307	205	49	8	
KITTITAS	402		1	7	18	67	166	106	35	2	
KLICKITAT	333	1		5	13	58	125	101	29	1	
LEWIS	902	2	5	12	29	162	321	272	82	15	2
LINCOLN	223			5	7	44	87	62	16	2	
MASON	373	1	2	6	28	59	143	103	24	7	
OKANOGAN	620	2	3	6	32	90	246	169	60	11	1
PACIFIC	302	2	2	3	12	47	116	93	21	6	
PEND OREILLE	196			2	10	30	86	54	11	3	
PIERCE	7,804	47	56	95	358	1,319	3,033	2,152	611	124	9
Puyallup	277		4	1	11	45	96	84	27	9	
Tacoma	3,965	25	28	55	179	687	1,541	1,083	307	55	5
SAN JUAN	32	1		1		3	13	12	1	1	
SWAGIT	1,080		2	17	53	178	414	299	101	12	4
SKAMANIA	103	1		1	2	19	37	31	10	2	
SNOHOMISH	3,825	18	15	53	159	618	1,488	1,107	307	53	7
Everett	909	7		14	43	154	342	257	77	12	3
SPOKANE	7,015	33	50	94	337	1,308	2,777	1,880	439	78	19
Spokane	4,845	23	44	79	236	930	1,892	1,288	284	53	16
STEVENS	402	2	3	4	24	68	157	121	20	2	1
THURSTON	1,247	7	9	19	61	183	494	360	91	22	1
Olympia	466	3	6	8	20	82	181	127	30	8	1
WAHKIAKUM	75			1		9	30	27	7	1	
WALLA WALLA	834	4	6	13	49	136	342	220	56	8	
Walla Walla	461	4	3	5	33	73	191	118	31	3	
WHATCOM	1,454	2	11	16	69	212	525	436	137	44	2
Bellingham	777	1	2	8	42	124	293	210	69	26	2
WHITMAN	715	3	1	5	39	132	293	198	36	7	1
Pullman	316			1	5	53	139	91	14	2	1
YAKIMA	3,353	12	20	35	164	525	1,312	956	270	53	6
Yakima	1,099	6	10	10	64	166	442	307	77	16	1

One pound = 453.59 grams

TABLE 13

LIVEBIRTHS: RESIDENCE, BY BIRTHWEIGHT IN GRAMS, BY RACE, 1957

Birthweight in Grams	Total	White	Negro	Indian	Japanese	Chinese	Other and Not Stated
TOTALS	65,982	62,526	1,586	928	469	146	327
1,000 & under	303	273	18	2	6	2	2
1,001 - 1,500	364	328	21	7	5		3
1,501 - 2,000	839	770	38	19	4	1	7
2,001 - 2,500	2,995	2,729	149	56	33	9	19
2,501 - 3,000	11,473	10,668	380	153	135	42	95
3,001 - 3,500	25,849	24,493	609	353	200	63	131
3,501 - 4,000	18,262	17,556	312	240	74	25	55
4,000 - 4,500	4,903	4,757	46	73	10	4	13
4,501 & Over	917	882	12	20	2		1
Not Stated	77	70	1	5			1

TABLE 14

LIVEBIRTHS WITH CONGENITAL MALFORMATIONS: RESIDENCE, BY TYPE, FOR
COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total Malformations	Central Nervous System	Circulatory System	Gastro-Intestinal System	Genito-Urinary System	Club-Foot	Cleft Palate & Harelip	Other & Unspec. Mal.
STATE TOTAL	626	106	61	30	69	87	78	195
ADAMS	0							
ASOTIN	2		1					1
BENTON	17	1	3	1	1	2	4	5
Kennewick	1		1					
Richland	11	1	2			2	2	4
CHELAN	15	1		1	3	2	3	5
Wenatchee	5				1	2	1	1
CLALLAM	4	1		1			1	1
Port Angeles	2	1					1	
CLARK	23	2	1	2	3	6	2	7
Vancouver	12			2	2	3		5
COLUMBIA	1					1		
COWLITZ	11	1	3			3		4
Longview	5	1	1			2		1
DOUGLAS	1		1					
FERRY	4					2		2
FRANKLIN	5	1	1	1				2
Pasco	4	1		1				2
GARFIELD	0							
GRANT	24	5	3	1	4	5	1	5
Moses Lake	9	1			3	3	1	1
GRAYS HARBOR	12		5			1	1	5
Aberdeen	4		3					1
Hoquiam	3		2					1
ISLAND	3				1		2	
JEFFERSON	0							
KING	183	31	17	8	17	23	27	60
Bellevue	1							1
Renton	2		1				1	
Seattle	113	19	11	5	11	14	10	43

TABLE 14 (Cont'd)

County and City	Total Malformations	Central Nervous System	Circulatory System	Gastro-Intestinal System	Genito-Urinary System	Club-Foot	Cleft Palate & Harelip	Other & Unspec. Mal.
KITSAP	23	7	2			4	3	7
Bremerton	9	2	1			3	1	2
KITTITAS	6				1			5
KLICKITAT	3	2						1
LEWIS	3	1						2
LINCOLN	2			1	1			
MASON	4						1	3
OKANOGAN	9	2	1	1		1	1	3
PACIFIC	4				1		1	2
PEND OREILLE	3						1	2
PIERCE	75	14	6	3	11	9	11	21
Puyallup	2					1		1
Tacoma	45	7	3	2	8	5	6	14
SAN JUAN	0							
SKAGIT	10	2		2	2	2		2
SKAMANIA	2					1		1
SNOHOMISH	38	4	3	2	6	6	6	11
Everett	6		2			1		3
SPOKANE	64	15	2	2	10	13	9	13
Spokane	41	11	2	2	6	7	5	8
STEVENS	5	2	2		1			
THURSTON	10		1			2	1	6
Olympia	3					1		2
WAHKIAKUM	0							
WALLA WALLA	4	1						3
Walla Walla	1							1
WHATCOM	12	4	1		3		1	3
Bellingham	3	1	1				1	
WHITMAN	6		2		1			3
Pullman	5		1		1			3
YAKIMA	38	9	6	4	3	4	2	10
Yakima	12	3	4	1	1		1	2

MORTALITY

General

There were 25,140 deaths of Washington residents in 1957, a rate of 9.3 per 1,000 estimated population. Deaths occurred in Washington at a rate of 9.4 per 1,000 estimated population for a total number of deaths occurring of 25,407. San Juan County had the highest residence death rate with a rate of 13.8 per 1,000 population. The lowest death rate was shown by Benton County with the rate of 4.4 per 1,000 population.

The sex ratio for residence deaths in 1957 was 147.5 male deaths for every 100 female deaths. Of the male deaths 52.8 per cent were married at the time of death and only 17.3 were widowers. Female deaths included 34.2 per cent married women and 48.7 per cent widowed. Median age of males dying was 68 and the median age at death of females was 72. The white race accounted for 96.8 per cent of the total number of deaths.

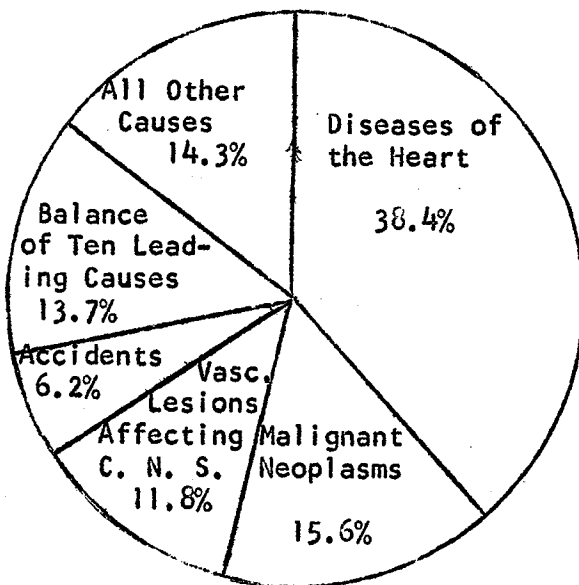
General mortality data are given in death summary Tables 15, 16 and 17, pages 34 through 40 and tables 18 through 28 contain more detailed data.

Selected Causes

Table 16, page 36 gives selected causes of death for all ages arranged according to the cause of death code as determined by the International Statistical Classification of Causes of Death. The death summary Table

also lists the 16 leading causes of death according to rank. Diseases of the heart accounted for 38.4 per cent of the total number of deaths of Washington residents in 1957 with a rate of 355.6 per 100,000 population. Diseases of the heart has been the leading cause of death in Washington since 1913 with the exception of pneumonia in 1918.

Distribution of 1957 Deaths by Cause



Tuberculosis was a leading cause of death before that time but since 1952 tuberculosis no longer ranked as one of the ten leading causes. Malignant neoplasms and vascular lesions affecting the central nervous system have been the second and third leading causes of death since the early 1920's.

The fourth leading cause "All Accidents" was the leading cause of death at ages 1 through 34. Diseases of early infancy were the leading cause of death at age under one year. Table 17, page 38 lists the leading causes of death in each five year age group for each sex with a percentage that each comprises of the total in each age group.

Causes of death of special interest, though not necessarily leading causes are given by county and city with rates per 100,000 population in Table 23, pages 51 to 56.

Deaths from infective and parasitic diseases, including tuberculosis, are given in Table 26, page 64.

Accidental deaths by leading causes, and by place of accident are given in Table 24, page 57.

Homicides and Suicides by county and city of residence and occurrence are given in Table 25, page 62.

There were 20 maternal deaths in Washington in 1957. Data on maternal deaths are given in Table 28, pages 67 and 68.

SUMMARY OF DEATHS, 1957

A. Deaths: Residence, by Sex, by Race and by Marital Status				D. Deaths: Residence and Occurrence, by Month		
	Total	Male	Female		Residence	Occurrence
Total	25,140*	14,981	10,158	Total	25,140	25,407
White	24,323*	14,487	9,835	January	2,167	2,194
Negro	359	226	133	February	1,923	1,946
Indian	290	154	136	March	2,156	2,180
Japanese	75	40	35	April	2,107	2,131
Chinese	33	29	4	May	2,104	2,111
Other & Not Stated	60	45	15	June	1,967	1,986
Single	4,648*	3,261	1,386	July	2,006	2,037
Married	11,379	7,908	3,471	August	2,022	2,047
Widowed	7,541	2,591	4,950	September	1,894	1,921
Divorced	1,406	1,069	337	October	2,157	2,164
Not Stated	166	152	14	November	2,365	2,388
				December	2,272	2,302
B. Deaths: Residence, by Sex, by Age Group				E. Deaths: Residence and Occurrence by Institution		
	Total	Male	Female		Residence	Occurrence
Total	25,140*	14,981	10,158	Total	25,140	25,407
Under 1	1,596*	944	651	Gen. Hospitals	12,509	12,679
1 - 4	259	145	114	Homes	6,216	6,232
5 - 14	234	144	90	Nursing Homes	3,295	3,343
15 - 24	350	260	90	Mental Institutions	764	776
25 - 34	460	303	157	Other Institutions	362	379
35 - 44	1,016	654	362	T. B. Sanatoriums	164	201
45 - 54	2,067	1,343	724	Other & Not Stated	1,830	1,797
55 - 64	3,661	2,430	1,231			
65 - 74	6,326	3,964	2,362			
75 - 84	6,320	3,454	2,866			
85 - 94	2,629	1,249	1,380			
95 - Over	213	84	129			
Not Stated	9	7	2			
C. Infant Deaths: Residence, by Race				F. Deaths: Residence and Occurrence by Attendant		
	Total	Male	Female		Residence	Occurrence
Total		1,596		Total	25,140	25,407
White		1,438		M. D.	21,296	21,576
Negro		62		Coroner	3,620	3,623
Indian		71		Osteopath	205	198
Japanese		8		Other & Not Stated	19	10
Chinese		3				
Other & Not Stated		14				

* Includes one sex unknown

TABLE 15 (Cont'd)

SUMMARY OF DEATHS, 1957 (Cont'd)

G. Deaths: Residence, by Leading Causes

Rank	Cause	International List Number	Number Of Deaths
1	Diseases of the Heart	410 - 443	9,647
2	Malignant Neoplasms	140 - 205	3,932
3	Vascular lesions affecting C.N.S.	330 - 334	2,972
4	All Accidents	800 - 962	1,564
5	Certain diseases of Early Infancy	760 - 776	950
6	Influenza and Pneumonia	480 - 493	901
7	Arteriosclerosis	450	476
8	Diabetes	260	431
9	Suicide	963, 970 - 979	338
10	Congenital Malformations	750 - 759	324
11	Other Circulatory Diseases	451 - 468	319
12	Cirrhosis of the Liver	581	246
13	Ulcer of Stomach and Duodenum	540 - 541	174
14	Hernia and Intestinal Obstruction	560-561, 570	174
15	Chronic & Unspecified Nephritis and other Renal sclerosis	592 - 594	144
16	Hypertension, without mention of Heart	444 - 447	114

H. Deaths: Residence, by Contributory Cause of Death*

Contributory Cause of Death	Total	Heart Disease	Malignant Neoplasms	Vasc. Lesions Affecting Central Nerv. System	Influenza Pneumonia	All Other Causes
Total	978	508	68	154	49	199
Diabetes	456	236	40	84	17	79
Malignant Neoplasms	243	151	0	41	13	38
Falls	129	60	5	21	15	28
Tuberculosis	115	49	23	7	4	32
Motor Vehicle Accidents	19	10	0	0	0	9
Pregnancy	7	1	0	1	0	5
Immaturity	5	0	0	0	0	5
Other Accidents	4	1	0	0	0	3

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

DEATHS: RESIDENCE, BY SELECTED CAUSES WITH RATES PER 100,000 POPULATION, 1957

Cause with International List Number	Number	Rate
TOTAL ALL CAUSES	25,140	926.8
Tuberculosis, all forms (001-019)	90	3.3
Tuberculosis of respiratory system (001-008)	(78)	2.9
Tuberculosis, other forms (010-019)	(12)	0.4
Syphilis and its sequelae (020-029)	64	2.4
Scarlet fever and streptococcal sorethroat (050, 051)	1	0.0
Diphtheria (055)	1	0.0
Whooping Cough (056)	1	0.0
Meningococcal infections (057)	16	0.6
Acute poliomyelitis (080)	2	0.1
Measles (085)	8	0.3
All other infective and parasitic diseases (053, 082, 092, 120-138)	77	2.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	3,932	144.9
Malignant neoplasms of buccal cavity and pharynx	(93)	3.4
Malignant neoplasms of digestive organs and peritoneum (150-159, excluding 156.2)	(1,375)	50.7
Malignant neoplasms of respiratory system (160-164)	(509)	18.6
Malignant neoplasms of breast (170)	(331)	12.2
Malignant neoplasms of genital organs (171-179)	(645)	23.8
Malignant neoplasms of urinary organs (180-181)	(189)	7.0
Malignant neoplasms of other and unspecified sites, (156.2, 165, 190-199)	(349)	12.8
Leukemia and aleukemia (204)	(195)	7.2
Lymphosarcoma and other neoplasms of lymphatic and hemtopoietic tissues (200-203, 205)	(246)	9.0
Benign and unspecified neoplasms (210-239)	55	2.0
Diabetes mellitus (260)	431	15.9
Anemias (290-293)	50	1.8
Meningitis, except meningococcal and tuberculous (340)	35	1.3
Major cardiovascular-renal diseases (330-334, 400-468, 592-594)	13,686	504.5
Diseases of cardiovascular system (330-334, 400-468)	13,542	499.2
Vascular lesions affecting central nervous system (330-334)	2,972	109.6
Rheumatic Fever (400-402)	14	0.5
Diseases of the Heart (410-443)	9,647	355.6
Chronic rheumatic heart disease (410-416)	(340)	12.5
Arteriosclerotic heart disease, including coronary disease (420)	(7,215)	266.0
Nonrheumatic chronic endocarditis and other myocardial degeneration (421-422)	(747)	27.5
Other diseases of heart (430-434)	(465)	17.1
Hypertension with heart disease (440-443)	(880)	32.5

TABLE 16 (Cont'd)

Cause with International List Number	Number	Rate
Hypertension without mention of heart (444-447)	114	4.2
General arteriosclerosis (450)	476	17.5
Other diseases of circulatory system (451-468)	319	11.8
Chronic and unspecified nephritis and other renal sclerosis (592-594)	144	5.3
Influenza and pneumonia, except pneumonia of newborn (480-493)	901	33.2
Influenza (480-483)	(110)	4.1
Pneumonia, except pneumonia of newborn (490-493)	(791)	29.1
Bronchitis (500-502)	40	1.5
Ulcer of stomach and duodenum (540-541)	174	6.4
Appendicitis (550-553)	30	1.1
Hernia and intestinal obstruction (560-561, 570)	174	6.4
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn (543, 571-572)	95	3.5
Cirrhosis of liver (581)	246	9.1
Acute nephritis and nephritis with edema, including nephrosis (590-591)	29	1.1
Hyperplasia of prostate (610)	87	3.2
Deliveries and complications of pregnancy, childbirth, and the puerperium (640-689)	20	0.7
Abortion (650-652)	(2)	0.1
All other complications (640-649, 660-689)	(18)	0.6
Congenital malformations (750-759)	324	11.9
Certain Diseases of Early Infancy (760-776)	950	35.0
Birth injuries, postnatal asphyxia, and atelectasis (760-762)	(437)	16.1
Infections of newborn (763-768)	(51)	1.9
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	(462)	17.0
Symptoms, senility, and ill-defined conditions (780-795)	91	3.4
All other diseases (residual)	1,563	57.6
Accidents (E800-962)	1,564	57.7
Motor-vehicle accidents (E 810 - E 835, E960)	(594)	21.9
All other accidents (E800-E802, E840-E959, E961, E962)	(970)	35.8
Suicide (E963, E970-E979)	338	12.5
Homicide (E964, E980-E985)	64	2.4
Injury resulting from operations of War (E990-999)	1	0.0

TABLE 17

FIVE LEADING CAUSES OF DEATH: RESIDENCE, BY SEX, BY AGE GROUP, WITH PERCENT OF TOTAL, 1957

Age	Cause	International List Number	Male	%	Female	%	Total	%
All Ages								
	All Causes		14,981	59.6	10,158	40.4	25,140*	100.0
	Diseases of the Heart	410-443	6,046	24.1	3,601	14.3	9,647	38.4
	Malignant Neoplasms	140-205	2,214	8.8	1,718	6.8	3,932	15.6
	Vascular lesions affecting Central Nervous System	330-334	1,448	5.7	1,524	6.1	2,972	11.8
	All Accidents	800-962	1,103	4.4	461	1.8	1,564	6.2
	Certain Diseases of Early Infancy	760-776	559	2.2	391	1.6	950	3.8
	All Other Causes		3,611	14.4	2,463	9.8	6,075*	24.2
Under 1								
	All Causes		944	59.2	651	40.8	1,596*	100.0
	Diseases of Early Infancy	760-776	557	34.9	391	24.5	948	59.4
	Congenital Malformations	750-759	126	7.9	92	5.8	219*	13.7
	Influenza and Pneumonia	480-493	117	7.3	75	4.7	192	12.0
	All Accidents	800-962	33	2.1	23	1.4	56	3.5
	Hernia & Intestinal Obstruction	560,561,570	8	0.5	14	0.9	22	1.4
	All Other Causes		103	6.5	56	3.5	159	10.0
1 - 4								
	All Causes		145	56.0	114	44.0	259	100.0
	All Accidents	800-962	48	18.5	31	12.0	79	30.5
	Congenital Malformations	750-759	20	7.7	13	5.0	33	12.7
	Influenza & Pneumonia	480-493	14	5.4	18	7.0	32	12.4
	Malignant Neoplasms	140-205	12	4.6	17	6.6	29	11.2
	Gastritis, Duodenitis, Enteritis & Colitis, except diarrhea of newborn	571,572	4	1.6	3	1.1	7	2.7
	All Other Causes		47	18.2	32	12.3	79	30.5
5 - 14								
	All Causes		144	61.5	90	38.5	234	100.0
	All Accidents	800-962	66	28.2	27	11.5	93	39.7
	Malignant Neoplasms	140-205	23	9.8	21	9.0	44	18.8
	Congenital Malformations	750-759	13	5.5	10	4.3	23	9.8
	Influenza & Pneumonia	480-493	10	4.3	8	3.4	18	7.7
	Vascular Lesions affecting Central Nervous System	330-334	4	1.7	2	0.9	6	2.6
	All Other Causes		28	12.0	22	9.4	50	21.4

TABLE 17 (Cont'd)

39

Age	Cause	International List Number	Male	%	Female	%	Total	%
15 - 24								
	All Causes		260	74.3	90	25.7	350	100.0
	All Accidents	800-962	178	50.9	33	9.4	211	60.3
	Malignant Neoplasms	140-205	23	6.6	15	4.3	38	10.9
	Diseases of the Heart	410-443	7	2.0	3	0.8	10	2.8
	Congenital Malformations	750-759	8	2.2	2	0.6	10	2.8
	Suicide	963,970-979	7	2.0	2	0.6	9	2.6
	Influenza & Pneumonia	480-493	5	1.4	4	1.2	9	2.6
	All Other Causes		32	9.2	31	8.8	63	18.0
25 - 34								
	All Causes		303	65.9	157	34.1	460	100.0
	All Accidents	800-962	142	30.9	26	5.6	168	36.5
	Malignant Neoplasms	140-205	29	6.3	27	5.9	56	12.2
	Diseases of the Heart	410-443	31	6.7	15	3.3	46	10.0
	Suicide	963,970-979	33	7.2	10	2.2	43	9.4
	Diabetes Mellitus	260	6	1.3	7	1.5	13	2.8
	All Other Causes		62	13.5	72	15.6	134	29.1
35 - 44								
	All Causes		654	64.4	362	35.6	1,016	100.0
	Diseases of the Heart	410-443	183	18.0	55	5.4	238	23.4
	Malignant Neoplasms	140-205	81	8.0	107	10.5	188	18.5
	All Accidents	800-962	157	15.4	30	3.0	187	18.4
	Suicide	963,970-979	51	5.0	20	2.0	71	7.0
	Vascular Lesions Affecting Central Nervous System	330-334	21	2.1	22	2.1	43	4.2
	All Other Causes		161	15.9	128	12.6	289	28.5
45 - 54								
	All Causes		1,343	65.0	724	35.0	2,067	100.0
	Diseases of the Heart	410-443	546	26.4	165	8.0	711	34.4
	Malignant Neoplasms	140-205	237	11.5	255	12.3	492	23.8
	All Accidents	800-962	136	6.6	33	1.6	169	8.2
	Vascular Lesions Affecting Central Nervous System	330-334	54	2.6	68	3.3	122	5.9
	Suicide	963,970-979	57	2.8	23	1.1	80	3.9
	All Other Causes		313	15.1	180	8.7	493	23.8
55 - 64								
	All Causes		2,430	66.4	1,231	33.6	3,661	100.0
	Diseases of the Heart	410-443	1,154	31.5	406	11.1	1,560	42.6
	Malignant Neoplasms	140-205	472	12.9	359	9.8	831	22.7
	Vascular Lesions Affecting Central Nervous System	330-334	171	4.7	145	3.9	316	8.6
	All Accidents	800-962	119	3.3	50	1.3	169	4.6
	Diabetes Mellitus	260	30	0.8	46	1.3	76	2.1
	All Other Causes		484	13.2	225	6.2	709	19.4

TABLE 17 (Cont'd)

40

Age	Cause	International List Number	Male	%	Female	%	Total	%
65 - 74								
	All Causes		3,964	62.7	2,362	37.3	6,326	100.0
	Diseases of the Heart	410-443	1,919	30.4	1,015	16.0	2,934	46.4
	Malignant Neoplasms	140-205	720	11.4	486	7.7	1,206	19.1
	Vascular Lesions Affecting Central Nervous System	330-334	413	6.5	368	5.8	781	12.3
	All Accidents	800-962	96	1.5	59	0.9	155	2.4
	Influenza & Pneumonia	480-493	94	1.5	52	0.8	146	2.3
	All Other Causes		722	11.4	382	6.1	1,104	17.5
75 - 84								
	All Causes		3,454	54.7	2,866	45.3	6,320	100.0
	Diseases of the Heart	410-443	1,556	24.7	1,267	20.0	2,823	44.7
	Vascular Lesions Affecting Central Nervous System	330-334	563	8.9	595	9.4	1,158	18.3
	Malignant Neoplasms	140-205	510	8.1	314	4.9	824	13.0
	Influenza & Pneumonia	480-493	103	1.6	107	1.7	210	3.3
	Arteriosclerosis	450	108	1.7	97	1.6	205	3.3
	All Other Causes		614	9.7	486	7.7	1,100	17.4
85 - 94								
	All Causes		1,249	47.5	1,380	52.5	2,629	100.0
	Diseases of the Heart	410-443	609	23.2	603	22.9	1,212	46.1
	Vascular Lesions Affecting Central Nervous System	330-334	194	7.4	292	11.1	486	18.5
	Malignant Neoplasms	140-205	102	3.9	109	4.1	211	8.0
	Arteriosclerosis	450	79	3.0	89	3.4	168	6.4
	Influenza & Pneumonia	480-493	59	2.2	75	2.9	134	5.1
	All Other Causes		206	7.8	212	8.1	418	15.9
95 and Over								
	All Causes		84	39.4	129	60.6	213	100.0
	Diseases of the Heart	410-443	31	14.6	64	30.0	95	44.6
	Vascular Lesions Affecting Central Nervous System	330-334	16	7.5	22	10.3	38	17.8
	Arteriosclerosis	450	12	5.6	12	5.7	24	11.3
	Influenza & Pneumonia	480-493	8	3.7	7	3.3	15	7.0
	Malignant Neoplasms	140-205	3	1.4	7	3.3	10	4.7
	All Other Causes		14	6.6	17	8.0	31	14.6

* Includes one Sex not specified

The group total for All Ages includes:

Seven Males - Age not specified

Two Females - Age not specified

TABLE 18

DEATHS: RESIDENCE AND OCCURRENCE, WITH RATES PER 1,000 POPULATION, FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
STATE TOTAL	25,140	9.3	25,407	9.4
ADAMS	63	6.3	40	4.0
ASOTIN	122	9.5	136	10.6
BENTON	299	4.4	251	3.7
Kennewick	118	8.6	89	6.5
Richland	70	2.7	63	2.4
CHELAN	359	8.3	367	8.5
Wenatchee	173	10.4	245	14.8
CLALLAM	273	9.7	266	9.4
Port Angeles	128	10.8	160	13.4
CLARK	731	8.5	868	10.1
Vancouver	386	9.2	649	15.5
COLUMBIA	58	11.8	53	10.8
COWLITZ	431	7.4	414	7.1
Longview	180	7.7	309	13.3
DOUGLAS	79	5.4	45	3.1
FERRY	49	11.4	23	5.3
FRANKLIN	116	5.4	111	5.2
Pasco	81	5.8	87	6.3
GARFIELD	35	10.9	29	9.1
GRANT	223	4.7	200	4.2
Moses Lake	36	3.1	70	5.9
GRAYS HARBOR	628	11.1	577	10.2
Aberdeen	228	11.1	362	17.7
Hoquiam	137	12.2	54	4.8
ISLAND	125	9.2	71	5.2
JEFFERSON	101	12.0	89	10.6
KING	8,328	9.8	8,341	9.8
Bellevue	89	8.2	36	3.3
Renton	147	8.7	238	14.1
Seattle	6,208	10.8	6,903	12.0

TABLE 18 (Cont'd)

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
KITSAP	728	9.3	725	9.2
Bremerton	287	10.1	449	15.8
KITTITAS	212	10.3	199	9.7
KLICKITAT	115	9.1	103	8.2
LEWIS	515	11.9	502	11.6
LINCOLN	90	8.2	41	3.7
MASON	154	9.9	139	8.9
OKANOGAN	273	9.3	271	9.3
PACIFIC	194	11.9	175	10.7
PEND OREILLE	75	9.9	60	7.9
PIERCE	2,908	9.4	3,189	10.3
Puyallup	152	13.6	200	17.9
Tacoma	1,925	12.2	2,080	13.2
SAN JUAN	44	13.8	20	6.3
SKAGIT	453	9.1	632	12.7
SKAMANIA	49	9.2	41	7.7
SNOHOMISH	1,357	10.1	1,211	9.0
Everett	469	13.5	635	18.2
SPOKANE	2,656	9.7	3,025	11.1
Spokane	2,097	11.1	2,467	13.1
STEVENS	177	8.6	175	8.5
THURSTON	486	10.2	400	8.4
Olympia	214	12.3	307	17.6
WAHKIAKUM	40	10.3	20	5.1
WALLA WALLA	401	9.3	526	12.3
Walla Walla	286	11.2	440	17.3
WHATCOM	656	9.0	664	9.1
Bellingham	395	10.8	395	10.8
WHITMAN	258	8.2	191	6.0
Pullman	52	4.5	39	3.4
YAKIMA	1,279	8.7	1,217	8.3
Yakima	547	12.5	654	14.9

TABLE 19

DEATHS: RESIDENCE, BY SEX AND BY RACE, FOR COUNTIES AND CITIES OF
10,000 POPULATION AND OVER, 1957

County and City	Total	Male	Female	White	Negro	Indian	Chinese	Japanese	Other & Not Stated
STATE TOTAL	25,140*	14,981	10,158	24,323	359	290	33	75	60
ADAMS	63	42	21	62	1				
ASOTIN	122	66	56	122					
BENTON	299	176	123	298				1	
Kennewick	118	67	51	118					
Richland	70	40	30	70					
CHELAN	359	221	138	356	2	1			
Wenatchee	173	100	73	172	1				
CLALLAM	273	172	101	251		22			
Port Angeles	128	81	47	126		2			
CLARK	731	434	297	729	2				
Vancouver	386	225	161	384	2				
COLUMBIA	58	37	21	58					
COWLITZ	431	269	162	430					1
Longview	180	112	68	179					1
DOUGLAS	79	49	30	79					
FERRY	49	28	21	28		21			
FRANKLIN	116	69	47	113	3				
Pasco	81	49	32	78	3				
GARFIELD	35	20	15	35					
GRANT	223	158	65	216	4	1	1		1
Moses Lake	36	25	11	36					
GRAYS HARBOR	628	385	243	619	1	8			
Aberdeen	228	133	95	226	1	1			
Hoquiam	137	79	58	137					
ISLAND	125	77	48	123	1				1
JEFFERSON	101	58	43	92		9			
KING	8,328	4,870	3,458	7,930	218	48	24	64	44
Bellevue	89	50	39	88		1			
Renton	147	100	47	147					
Seattle	6,208	3,572	2,636	5,842	209	36	23	60	38

TABLE 19 (Cont'd)

County and City	Total	Male	Female	White	Negro	Indian	Chinese	Japanese	Other & Not Stated
KITSAP	728	434	294	710	7	7		1	3
Bremerton	287	170	117	279	6	1			1
KITTITAS	212	145	67	210	2				
KLICKITAT	115	67	48	112		3			
LEWIS	515	310	205	512	1	1		1	
LINCOLN	90	47	43	90					
MASON	154	92	62	149		5			
OKANOGAN	273	170	103	243		30			
PACIFIC	194	123	71	192		2			
PEND OREILLE	75	59	16	74		1			
PIERCE	2,908	1,701	1,207	2,820	66	14	1	2	5
Puyallup	152	81	71	151		1			
Tacoma	1,925	1,103	822	1,865	49	8	1	1	1
SAN JUAN	44	28	16	44					
SKAGIT	453	266	187	446		7			
TAMANIA	49	30	19	49					
SNOHOMISH	1,357	790	567	1,347	2	8			
Everett	469	263	206	467	2				
SPOKANE	2,656	1,592	1,064	2,609	28	7	5	5	2
Spokane	2,097	1,257	840	2,056	26	6	4	4	1
STEVENS	177*	111	65	165	2	10			
THURSTON	486	300	186	482		4			
Olympia	214	124	90	213		1			
WAHKIAKUM	40	24	16	40					
WALLA WALLA	401	216	185	396	1	2	2		
Walla Walla	286	163	123	282	1	1	2		
WHATCOM	656	390	266	639		17			
Bellingham	395	230	165	392		3			
WHITMAN	258	154	104	257	1				
Pullman	52	33	19	52					
YAKIMA	1,279	801	478	1,196	17	62		1	3
Yakima	547	340	207	538	9				

* One unspecified Sex in Stevens County

DEATHS: RESIDENCE, BY AGE GROUP, FOR COUNTIES AND CITIES OF
10,000 POPULATION AND OVER, 1957

County and City	Total All Ages	Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	Age Not Stated
STATE TOTAL	25,140	1,596	259	234	350	460	1,016	2,067	3,661	6,326	6,320	2,842	9
ADAMS	63	9	1	1		2	3	5	4	9	19	10	
ASOTIN	122	4	3			2	3	6	13	24	44	23	
BENTON	299	31	6	5	14	13	23	31	50	56	52	18	
Kennewick	118	10	5	3	7	8	6	12	17	28	16	6	
Richland	70	8	1	1	1	3	8	12	18	7	10	1	
CHELAN	359	17	8	3	8	12	11	37	50	80	99	34	
Wenatchee	173	7	5	3	3	4	8	12	19	46	49	20	
CLALLAM	273	32	2	2	8	4	8	18	47	57	61	33	
Port Angeles	128	14	1		3	3	6	11	21	28	28	15	1
CLARK	731	38	4	7	5	11	28	65	107	196	183	87	
Vancouver	386	20	1	3	5	5	17	27	61	98	109	40	
COLUMBIA	58	3	3	1		2	1	1	9	17	13	8	
COMLITZ	431	31	2	11	7	13	16	32	67	110	108	34	
Longview	180	13	1	5	3	4	8	13	29	39	50	15	
DOUGLAS	79	5		5	1	3	2	5	14	20	15	9	
FERRY	49	6			2	4	5	4	3	7	6	12	
FRANKLIN	116	10	1	3	3	8	12	10	21	23	19	6	
Pasco	81	5	1	1	1	7	10	6	16	14	15	5	
GARFIELD	35	5	1	1		5	16	2	3	8	13	2	
GRANT	223	39	11	5	4	5	16	32	28	38	31	14	
Moses Lake	36	8	3	2		2	2	7	4	2	6		
GRAYS HARBOR	628	43	1	4	8	11	30	55	90	189	146	51	
Aberdeen	226	17			1	4	13	22	37	71	49	13	
Hoquiam	137	11			1		11	9	17	43	33	12	
ISLAND	125	7			6	3	7	7	15	39	28	13	
JEFFERSON	101	10	2		1		4	8	11	28	28	9	
KING	8,328	481	75	61	86	136	352	746	1,316	2,170	2,009	894	
Bellevue	89	12	2		1	2	8	8	10	20	20	6	
Renton	147	12	1		4	2	4	16	29	32	31	16	
Seattle	6,208	315	38	37	62	101	236	557	1,002	1,652	1,527	681	

TABLE 20 (Cont'd)

County and City	Total All Ages	Under 1	Age Groups							85 & Over	Age Not Stated		
			1-4	5-14	15-24	25-34	35-44	45-54	55-64			65-74	75-84
KITSAP	728	50	5	6	13	8	36	73	131	170	153	83	
Bremerton	287	20	2	1	4	3	14	31	62	70	51	29	
KITTITAS	212	6	3	5	1	8	10	24	24	53	76	25	
KLICKITAT	115	5	1	2	1	5	10	10	21	30	25	13	1
LEWIS	515	16	4	7	7	11	35	76	144	144	151	55	1
LINCOLN	90	4	2	5	1	3	4	17	17	12	30	12	
MASON	154	10	3	3	4	7	11	22	22	36	43	15	
OKANOGAN	273	15	6	11	7	13	17	34	34	72	57	39	
PACIFIC	194	8	3	6	4	10	15	21	21	60	51	12	
PEND OREILLE	75	2	1	1	2	2	7	9	9	19	22	8	
PIERCE	2,908	233	22	23	48	57	121	216	426	721	720	320	1
Puyallup	152	5	2	1	1	2	8	8	22	36	43	32	
Tacoma	1,925	124	11	13	26	33	74	145	292	484	514	209	
SAN JUAN	44	1											
SKAGIT	453	20	4	5	4	8	21	35	58	107	142	49	
SKAMANIA	49	5	2	1	1	1	7	7	5	16	7	5	
SNOHOMISH	1,357	79	21	15	8	29	49	98	154	361	373	169	1
Everett	469	25	4	6	3	5	13	30	50	121	141	70	1
SPOKANE	2,656	157	26	18	31	39	93	203	361	646	704	377	1
Spokane	2,097	122	16	10	21	25	63	157	286	517	570	309	1
STEVENS	177	12	1	6	6	4	4	14	25	44	49	22	
THURSTON	486	29	6	9	9	17	17	44	71	111	135	46	
Olympia	214	13	2	2	2	6	6	22	35	42	62	27	
WAHKIAKUM	40	1											
WALLA WALLA	401	27	4	4	3	9	16	39	55	92	102	50	
Walla Walla	286	13	3	3	3	12	12	29	40	69	75	37	
WHATCOM	656	37	6	4	11	19	34	77	105	170	200	95	
Bellingham	395	15	4	2	7	9	9	15	46	105	128	63	
WHITMAN	258	17	1	4	1	10	10	21	29	68	60	42	
Pullman	52	6	1	2	2	4	4	4	9	14	9	7	
YAKIMA	1,279	91	21	15	25	33	45	105	185	299	322	135	3
Yakima	547	35	5	7	7	18	18	48	74	128	161	59	1

TABLE 21

DEATHS: RESIDENCE BY MONTH OF OCCURRENCE, FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	25,140	2,167	1,923	2,156	2,107	2,104	1,967	2,006	2,022	1,894	2,157	2,365	2,272
ADAMS	63	4	1		11	10	4	10	4	6	2	7	4
ASOTIN	122	11	9	11	7	12	12	3	15	9	10	13	10
BENTON	299	30	23	30	25	22	22	17	27	24	26	29	24
Kennewick	118	21	7	13	10	8	8	5	7	7	10	12	10
Richland	70	4	8	8	6	3	2	7	10	7	5	5	5
CHELAN	359	32	22	33	37	33	27	31	20	38	29	26	31
Wenatchee	173	18	10	16	18	17	16	13	8	18	10	16	13
CLALLAM	273	18	22	20	28	22	22	20	31	18	11	32	29
Port Angeles	128	7	9	11	18	10	7	9	13	10	5	14	15
CLARK	731	77	69	68	65	61	54	66	48	50	58	65	50
Vancouver	386	40	36	30	36	32	29	32	24	33	32	34	28
COLUMBIA	58	6	2	2	4	9	2	7	2	6	6	5	7
COWLITZ	431	45	24	38	33	31	25	35	36	38	42	41	43
Longview	180	22	10	18	14	11	9	14	15	13	16	17	21
DOUGLAS	79	6	8	6	4	3	6	10	10	3	7	5	11
FERRY	49	6	3	6	3	5	4	4	5	7	5	8	8
FRANKLIN	116	5	9	12	11	13	9	11	10	7	8	13	7
Pasco	81	4	7	8	4	8	5	7	7	7	8	9	7
GARFIELD	35	3	2	3	2	2	2	4	6	2	2	4	3
GRANT	223	19	15	21	18	17	21	18	11	13	23	22	25
Moses Lake	36	2		10	2	3	6	5		2	2	1	3
GRAYS HARBOR	628	60	51	48	44	51	44	44	63	45	60	51	67
Aberdeen	228	27	25	25	17	15	16	14	19	16	17	19	18
Hoquiam	137	13	8	7	10	16	6	6	8	12	24	9	18
ISLAND	125	9	8	8	10	7	15	7	13	14	9	9	16
JEFFERSON	101	6	8	14	6	8	8	12	11	5	10	6	7
KING	8,328	732	610	730	728	710	618	691	649	618	735	754	753
Bellevue	89	6	8	8	14	14	4	10	10	5	10	11	3
Renton	147	10	10	15	19	16	5	10	9	7	16	17	13
Seattle	6,208	557	455	551	517	535	478	513	480	476	531	550	565

TABLE 21 (Cont'd)

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
KITSAP	728	50	54	73	61	44	69	64	63	61	56	71	62
Bremerton	287	21	26	31	24	15	25	28	25	26	23	22	21
KITTITAS	212	17	15	17	23	10	11	24	19	17	13	27	19
KLICKITAT	115	7	5	9	9	11	11	16	7	6	10	11	13
LEWIS	515	39	38	48	48	42	40	33	28	37	50	53	59
LINCOLN	90	4	11	6	5	10	10	10	8	7	4	8	7
MASON	154	11	17	11	9	10	10	6	13	15	20	16	16
OKANOGAN	273	21	33	22	15	16	27	19	18	18	25	31	28
PACIFIC	194	12	21	16	17	17	16	17	19	14	13	14	18
PEND OREILLE	75	6	4	7	5	12	4	8	8	5	6	5	5
PIERCE	2,908	252	239	256	206	261	237	217	244	231	235	290	240
Puyallup	152	15	9	15	4	7	13	18	18	7	9	20	17
Tacoma	1,925	165	161	174	137	176	177	130	162	153	163	175	152
SAN JUAN	44	5	1	8	2	3	2	6	5	3	5	4	4
SKAGIT	453	36	42	45	37	32	42	34	25	38	36	45	41
SKAMANIA	49	6	3	6	5	2	3	4	3	6	4	6	1
SNOHOMISH	1,357	109	115	116	91	117	125	100	135	100	106	123	120
Everett	469	42	46	39	36	32	55	33	38	38	41	31	38
SPOKANE	2,656	237	191	197	244	236	211	197	192	203	250	254	244
Spokane	2,097	187	149	157	196	179	162	154	143	160	203	211	196
STEVENS	177	10	14	13	15	12	17	13	18	17	22	19	7
THURSTON	486	40	31	33	47	47	31	39	44	33	42	51	48
Olympia	214	17	13	13	27	22	13	16	16	17	20	21	19
MAHKIAKUM	40	6	5	2	1	3	1	5	5	4	3	3	2
MALLA MALLA	401	38	30	37	33	33	35	31	33	28	18	42	43
Malla Malla	286	26	21	30	23	27	23	21	23	20	12	27	33
WHATCOM	656	58	56	52	64	60	51	49	48	50	63	59	46
Bellingham	395	41	31	28	42	32	33	36	35	28	30	33	26
WHITMAN	258	19	18	29	23	17	15	18	22	20	29	24	24
Pullman	52	2	3	4	6	4	3	1	6	3	5	8	7
YAKIMA	1,279	115	94	103	111	93	104	106	104	85	104	123	137
Yakima	547	58	44	42	46	33	39	50	46	34	45	55	55

TABLE 22

DEATHS: OCCURRENCE, BY TYPE OF INSTITUTION OF DEATH FOR COUNTIES
AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total	General Hospitals	Mental Insti.	T. B. Sanatorium	Special & other Insti.	Nursing Homes	Home	Other & Not Stated
STATE TOTAL	25,407	12,679	776	201	379	3,343	6,232	1,797
ADAMS	40	22				1	14	3
ASOTIN	136	78				25	27	6
BENTON	251	152				2	73	24
Kennewick	89	51				2	28	8
Richland	63	47					14	2
CHELAN	367	212			1	42	87	25
Wenatchee	245	165			1	33	35	11
CLALLAM	266	147				28	61	30
Port Angeles	160	126				2	30	2
CLARK	868	559				111	160	38
Vancouver	649	507				47	71	24
COLUMBIA	53	25				11	12	5
COWLITZ	414	214				57	92	51
Longview	309	214				31	37	27
DOUGLAS	45	11				12	16	6
FERRY	23	11					10	2
FRANKLIN	111	66				7	19	19
Pasco	87	66				2	13	6
GARFIELD	29	20				1	8	
GRANT	200	119				7	47	27
Moses Lake	70	60					8	2
GRAYS HARBOR	577	308	18			45	139	67
Aberdeen	362	278				11	41	32
Hoquiam	54					17	36	1
ISLAND	71	2				13	40	16
JEFFERSON	89	52				11	21	5
KING*	8,341	4,227	29	69	180	987	2,232	617
Bellevue	36					7	29	
Renton	238	147				40	24	27
Seattle	6,903	3,886	13		180	738	1,617	469
KITSAP	725	297				211	176	41
Bremerton	449	297				68	63	21

TABLE 22 (Cont'd)

County and City	Total	General Hospitals	Mental Insti.	T. B. Sanatorium	Special & other Insti.	Nursing Homes	Home	Other & Not Stated
KITTITAS	199	128					48	23
KLICKITAT	103	61				1	26	15
LEWIS	502	244	17			88	114	39
LINCOLN	41	8				2	26	5
MASON	139	74				15	39	11
OKANOGAN	271	175				13	60	23
PACIFIC	175	101				16	33	25
PEND OREILLE	60	39					16	5
PIERCE	3,189	1,500	353	13	105	402	593	223
Puyallup	200	61			48	50	35	6
Tacoma	2,080	1,318		13	55	210	341	143
SAN JUAN	20						17	3
SKAGIT	632	257	148			90	107	30
SKAMANIA	41					11	15	15
SNOHOMISH	1,211	535			3	214	411	48
Everett	635	430				57	130	18
POKANE	3,025	1,504	211	19	52	464	637	138
Spokane	2,467	1,474	5		52	382	473	81
STEVENS	175	116				5	41	13
THURSTON	400	186				52	123	39
Olympia	307	186				48	58	15
WAKIYAKUM	20					3	14	3
WALLA WALLA	526	222		88	38	30	121	27
Walla Walla	440	222		88	12	17	89	12
WHATCOM	664	334				100	197	33
Bellingham	395	190				91	98	16
WHITMAN	191	89				21	63	18
Pullman	39	26					11	2
YAKIMA	1,217	584		12		245	297	79
Yakima	654	453				86	93	22

TABLE 23-A

DEATHS: RESIDENCE, BY CERTAIN CAUSES, WITH RATES PER 100,000
POPULATION, FOR COUNTIES AND CITIES OF 10,000
POPULATION AND OVER, 1957

County and City	Diseases of the Heart (410-443)		Malignant Neoplasms (140-205)		Vascular Lesions Affecting Central Nervous System (330-334)		Certain Diseases of Early Infancy (760-776)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	9,647	355.6	3,932	144.9	2,972	109.6	950	35.0
ADAMS	21	210.0	8	80.0	8	80.0	4	40.0
ASOTIN	56	437.5	14	109.4	18	140.6	2	15.6
BENTON	97	141.4	46	67.1	38	55.4	18	26.2
Kennewick	30	219.0	17	124.1	16	116.8	8	58.4
Richland	18	68.4	17	64.6	11	41.8	4	15.2
CHELAN	153	355.0	39	90.5	37	85.8	7	16.2
Wenatchee	81	488.0	18	108.4	18	108.4	4	24.1
CLALLAM	107	379.4	34	120.6	30	106.4	20	70.9
Port Angeles	60	504.2	12	100.8	15	126.1	9	75.6
CLARK	323	376.9	112	130.7	59	68.8	19	22.2
Vancouver	158	376.2	67	159.5	35	83.3	11	26.2
COLUMBIA	19	387.8	6	122.4	11	224.5	3	61.2
COWLITZ	161	276.2	66	113.2	56	96.1	16	27.4
Longview	70	300.4	26	111.6	30	128.8	6	34.3
DOUGLAS	25	172.4	8	55.2	12	82.8	3	20.7
FERRY	13	302.3	2	46.5	10	232.6	1	23.3
FRANKLIN	31	144.2	18	83.7	13	60.5	6	27.9
Pasco	28	201.4	12	86.3	7	50.4	3	21.6
GARFIELD	17	531.3	2	62.5	4	125.0	5	156.3
GRANT	67	141.9	36	76.3	15	31.8	22	46.6
Moses Lake	11	93.2	7	59.3	2	16.9	4	33.9
GRAYS HARBOR	254	448.0	94	165.8	83	146.4	27	47.6
Aberdeen	86	419.5	38	185.4	32	156.1	11	53.7
Hoquiam	50	446.4	23	205.4	20	178.6	5	44.6
ISLAND	47	345.6	18	132.4	15	110.3	4	29.4
JEFFERSON	43	511.9	13	154.8	10	119.0	5	59.5
KING	3,212	376.7	1,363	159.8	931	109.2	288	33.8
Bellevue	32	296.3	16	148.1	5	46.3	6	74.1
Renton	57	337.3	27	159.8	17	100.6	8	47.3
Seattle	2,414	420.8	1,024	178.5	686	119.6	190	33.1

TABLE 23-A (Cont'd)

County and City	Diseases of the Heart (410-443)		Malignant Neoplasms (140-205)		Vascular Lesions Affecting Central Nervous System (330-334)		Certain Diseases of Early Infancy (760-776)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
KITSAP	290	369.9	126	160.7	81	103.3	28	35.7
Bremerton	106	371.9	55	193.0	40	140.4	12	42.1
KITTITAS	69	336.6	30	146.3	27	131.7	2	9.8
KLICKITAT	33	261.9	18	142.9	12	95.2	2	15.9
LEWIS	184	424.0	79	182.0	84	193.5	11	25.3
LINCOLN	40	363.6	11	100.0	9	81.8	3	27.3
MASON	61	391.0	25	160.3	16	102.6	5	32.1
OKANOGAN	101	345.9	39	133.6	31	106.2	8	27.4
PACIFIC	62	380.4	31	190.2	20	122.7	4	24.5
PEND OREILLE	20	263.2	19	250.0	10	131.6	0	-
PIERCE	1,091	351.0	476	153.2	334	107.5	148	47.6
Puyallup	73	651.8	24	214.3	18	160.7	4	35.7
Tacoma	723	459.0	328	208.3	241	153.0	77	48.9
SAN JUAN	21	556.3	8	250.0	5	156.3	1	31.3
SKAGIT	166	334.0	68	136.8	75	150.9	7	14.1
AMANIA	24	452.8	5	94.3	2	37.7	2	37.7
SNOHOMISH	485	360.3	208	154.5	234	173.8	52	38.6
Everett	166	477.0	63	181.0	105	301.7	16	46.0
SPOKANE	1,109	405.5	415	151.7	298	109.0	100	36.6
Spokane	897	476.1	319	169.3	228	121.0	80	42.5
STEVENS	66	320.4	23	111.7	22	106.8	5	24.3
THURSTON	186	389.9	89	186.6	44	92.2	25	52.4
Olympia	81	465.5	34	195.4	24	137.9	11	63.2
WAKIYAKUM	11	282.1	2	51.3	6	153.8	1	25.6
WALLA WALLA	143	333.3	62	144.5	55	128.2	19	44.3
Walla Walla	106	415.7	45	176.5	39	152.9	10	39.2
WHATCOM	279	381.7	89	121.8	79	108.1	28	38.3
Bellingham	155	422.3	54	147.1	51	139.0	10	27.2
WHITMAN	97	307.0	46	145.6	29	91.8	6	19.0
Pullman	20	173.9	11	95.7	5	43.5	0	--
YAKIMA	463	313.9	184	124.7	149	101.0	43	29.2
Yakima	211	480.6	85	193.6	69	157.2	18	41.0

TABLE 23-B

DEATHS: RESIDENCE, BY CERTAIN CAUSES, WITH RATES PER 100,000
POPULATION, FOR COUNTIES AND CITIES OF 10,000
POPULATION AND OVER, 1957

County and City	Influenza and Pneumonia (480-493)		General Arteriosclerosis (450)		Diabetes Mellitus (260)		Congenital Malformations (750-759)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	901	33.2	476	17.5	431	15.9	324	11.9
ADAMS	4	40.0	1	10.0	2	20.0	0	-
ASOTIN	6	46.9	1	7.8	1	7.8	3	23.4
BENTON	13	19.0	2	2.9	2	2.9	7	10.2
Kennewick	6	43.8	0	-	0	-	4	29.2
Richland	2	7.6	2	7.6	0	-	2	7.6
CHELAN	9	20.9	4	9.3	10	23.2	8	18.6
Wenatchee	5	30.1	0	-	5	30.1	1	6.0
CLALLAM	13	46.1	2	7.1	7	24.8	6	21.3
Port Angeles	5	42.0	2	16.8	5	42.0	4	33.6
CLARK	22	25.7	24	28.0	17	19.8	8	9.3
Vancouver	12	28.6	15	35.7	9	21.4	2	4.8
COLUMBIA	3	61.2	1	20.4	2	40.8	0	-
COWLITZ	10	17.2	9	15.4	8	13.7	7	12.0
Longview	2	8.6	4	17.2	1	4.3	3	12.9
DOUGLAS	4	27.6	1	6.9	1	6.9	1	6.9
FERRY	3	69.8	0	-	1	23.3	2	46.5
FRANKLIN	6	27.9	1	4.7	4	18.6	3	14.0
Pasco	3	21.6	1	7.2	4	28.8	1	7.2
GARFIELD	1	31.3	0	-	0	-	0	-
GRANT	10	21.2	5	10.6	0	-	8	16.9
Moses Lake	0	-	1	8.5	0	-	3	25.4
GRAYS HARBOR	12	21.2	6	10.6	11	19.4	12	21.2
Aberdeen	3	14.6	2	9.8	3	14.6	8	39.0
Hoquiam	3	26.8	3	26.8	4	35.7	2	17.9
ISLAND	4	29.4	1	7.4	6	44.1	2	14.7
JEFFERSON	5	59.5	1	11.9	2	23.8	0	-
KING	318	37.3	159	18.6	137	16.1	99	11.6
Bellevue	1	9.3	3	27.8	1	9.3	0	-
Renton	5	29.6	2	11.8	1	5.9	3	17.8
Seattle	250	43.6	129	22.5	103	18.0	70	12.2

TABLE 23-B (Cont'd)

County and City	Influenza and Pneumonia (480-493)		General Arteriosclerosis (450)		Diabetes Mellitus (260)		Congenital Malformations (750-759)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
KITSAP	18	23.0	21	26.8	12	15.3	6	10.2
Bremerton	7	24.6	8	28.1	3	10.5	2	7.0
KITTITAS	13	63.4	5	24.4	8	39.0	3	14.6
KLICKITAT	6	47.6	1	7.9	4	31.7	3	23.8
LEWIS	16	36.9	12	27.6	13	30.0	4	9.2
LINCOLN	0	-	4	36.4	2	18.2	1	9.1
MASON	6	38.5	1	6.4	5	32.1	2	12.8
OKANOGAN	12	41.1	3	10.3	2	6.8	4	13.7
PACIFIC	8	49.1	2	12.3	2	12.3	2	12.3
PEND OREILLE	3	39.5	0	-	1	13.2	2	26.3
PIERCE	105	33.8	68	21.9	47	15.1	32	10.3
Puyallup	3	26.8	5	44.6	4	35.7	0	-
Tacoma	74	47.0	47	29.8	29	18.4	17	10.8
SAN JUAN	0	-	1	31.3	1	31.3	0	-
SWAGIT	13	26.2	11	22.1	10	20.1	3	6.0
SKAMANIA	1	18.9	1	18.9	0	-	0	-
SNOHOMISH	48	35.7	23	17.1	18	13.4	8	5.9
Everett	15	43.1	11	31.6	6	17.2	2	5.7
SPOKANE	84	30.7	41	15.0	40	14.6	32	11.7
Spokane	61	32.4	37	19.6	33	17.5	22	11.7
STEVENS	5	24.3	1	4.9	2	9.7	5	24.3
THURSTON	12	25.2	4	8.4	6	12.6	5	10.5
Olympia	6	34.5	2	11.5	1	5.7	3	17.2
WAHKIAKUM	0	-	2	51.3	1	25.6	0	-
WALLA WALLA	14	32.6	15	35.0	5	11.7	6	14.0
Walla Walla	10	39.2	12	47.1	3	11.8	4	15.7
WHATCOM	22	30.1	18	24.6	9	12.3	7	9.6
Bellingham	15	40.9	15	40.9	4	10.9	4	10.9
WHITMAN	10	31.6	0	-	12	38.0	9	28.5
Pullman	1	8.7	0	-	1	8.7	4	34.8
YAKIMA	62	42.0	24	16.3	20	13.6	22	14.9
Yakima	21	47.8	8	18.2	5	11.4	9	20.5

TABLE 23-C

DEATHS: RESIDENCE, BY CERTAIN CAUSES, WITH RATES PER 100,000
POPULATION, FOR COUNTIES AND CITIES OF 10,000
POPULATION AND OVER, 1957

County and City	Alcoholism (322)		Cirrhosis of the Liver With Mention of Alcoholism (581)			Chronic and Unspecified Nephritis (592-594)	
	Number	Rate	Number	Number	Rate*	Number	Rate
STATE TOTAL	104	3.8	68	178	9.1	144	5.3
ADAMS						1	10.0
ASOTIN						1	7.8
BENTON				5	7.3	2	2.9
Kennewick				3	21.9	1	7.3
Richland				1	3.8		
CHELAN	1	2.3		3	7.0	3	7.0
Wenatchee				1	6.0	1	6.0
CLALLAM	1	3.5		1	3.5	2	7.1
Port Angeles							
CLARK				3	3.5	4	4.7
Vancouver				3	7.1	2	4.8
COLUMBIA							
COWLITZ			1	1	3.4	3	5.1
Longview			1	1	8.6	1	4.3
DOUGLAS			1		6.9	1	6.9
FERRY							
FRANKLIN			2		9.3		
Pasco			2		14.4		
GARFIELD							
GRANT	1	2.1		2	4.2		
Moses Lake	1	8.5					
GRAYS HARBOR	6	10.6	1	4	8.8	7	12.3
Aberdeen	4	19.5	1	3	19.5	2	9.8
Hoquiam	1	8.9				1	8.9
ISLAND						1	7.4
JEFFERSON	1	11.9		1	11.9		
KING	57	6.7	30	69	11.6	42	4.9
Bellevue						1	9.3
Renton			1	1	11.8	1	5.9
Seattle	53	9.2	29	56	14.8	35	6.1

TABLE 23-C (Cont'd)

County and City	Alcoholism (322)		Cirrhosis of the Liver With Mention Without Mention of Alcoholism of Alcoholism (581)			Chronic and Unspecified Nephritis (592-594)	
	Number	Rate	Number	Number	Rate*	Number	Rate
KITSAP	2	2.6	2	6	10.2	4	5.1
Bremerton	1	3.5	1	3	14.0	2	7.0
KITTITAS				1	4.9	1	4.9
KLICKITAT						2	15.9
LEWIS	2	4.6		4	9.2	7	16.1
LINCOLN						1	9.1
MASON							
OKANOGAN	2	6.8	1		3.4	3	10.3
PACIFIC			1	1	12.3	1	6.1
PEND OREILLE	2	26.3					
PIERCE	13	4.2	10	25	11.3	13	4.2
Puyallup			1	1	17.9		
Tacoma	9	5.7	9	16	15.9	6	3.8
SAN JUAN							
SKAGIT			2	3	10.1	2	4.0
AMANIA							
SNOHOMISH	1	0.7	2	7	6.7	7	5.2
Everett				2	5.7	2	5.7
SPOKANE	1	0.4	7	25	11.7	13	4.8
Spokane	1	0.5	6	22	14.9	11	5.8
STEVENS				2	9.7	2	9.7
THURSTON	1	2.1	2	2	8.4	4	8.4
Olympia	1	5.7	2	1	17.2	1	5.7
WAHKIAKUM						2	51.3
WALLA WALLA	3	7.0	2	2	9.3		
Walla Walla	3	11.8	2		7.8		
WHATCOM	2	2.7	1	2	4.1	2	2.7
Bellingham	2	5.4	1	2	8.2	1	2.7
WHITMAN						3	9.5
Pullman							
YAKIMA	8	5.4	3	9	8.1	10	6.8
Yakima			1	4	11.4	3	6.8

* Rate includes both Cirrhosis of Liver With and Without Mention of Alcoholism

TABLE 24-A

DEATHS: OCCURRENCE, BY SELECTED ACCIDENTAL CAUSES WITH RATES PER 100,000 POPULATION, FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	All Accidents		Motor Vehicle		Falls		Drownings		Fire		All Other Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	1,559	57.5	571	21.0	351	12.9	171	6.3	91	3.4	375	13.8
ADAMS	4	40.0	3	30.0			1	10.0			3	23.4
ASOTIN	10	78.1	4	31.3	1	7.8	2	15.6			2	2.9
BENTON	24	35.0	15	21.9	2	2.9	3	4.4	2	2.9	1	7.3
Kennewick	9	65.7	6	43.8	1	7.3			1	7.3		
Richland	2	7.6	2	7.6								
CHELAN	21	48.7	10	23.2	4	9.3	2	4.6	2	4.6	3	7.0
Wenatchee	11	66.3	5	30.1	3	18.1			1	6.0	2	12.0
CLALLAM	24	85.1	7	24.8	1	3.5	3	10.6	1	3.5	12	42.6
Port Angeles	3	25.2	2	16.8							1	8.4
CLARK	34	39.7	13	15.2	3	3.5	6	7.0	1	1.2	11	12.8
Vancouver	18	42.9	8	19.0	3	7.1			1	2.4	6	14.3
COLUMBIA	5	102.0			1	20.4					4	81.6
COMLITZ	35	60.0	19	32.6	4	6.9	3	5.1			9	15.4
Longview	15	64.4	8	34.3	3	12.9	1	4.3			3	12.9
DOUGLAS	5	34.5	1	6.9	1	6.9	2	13.8			1	6.9
FERRY	3	69.8	2	46.5							1	23.3
FRANKLIN	16	74.4	6	37.2	1	4.7	1	4.7			6	27.9
Pasco	4	28.8	2	14.4	1	7.2					1	7.2
GARFIELD	1	31.3									1	31.3
GRANT	40	84.7	21	44.5	3	6.4	4	8.5	1	2.1	11	23.3
Moses Lake	7	59.3	4	33.9	1	8.5					2	16.9
GRAYS HARBOR	52	91.7	23	40.6	5	8.8	9	15.9	3	5.3	12	21.2
Aberdeen	21	102.4	7	34.1	4	19.5	1	4.9	3	14.6	6	29.3
Hoquiam	2	17.9									2	17.9
ISLAND	15	110.3	2	14.7			11	80.9			2	14.7
JEFFERSON	4	47.6	1	11.9	1	11.9					2	23.8
KING	422	49.5	125	14.7	142	16.7	31	3.6	34	4.0	90	10.6
Bellevue	2	18.5					1	9.3			1	9.3
Renton	16	94.7	9	53.3	3	17.8			3	17.8	1	5.9
Seattle	311	54.2	72	12.6	130	22.7	16	2.8	29	5.1	64	11.2

TABLE 24-A (Cont'd)

County and City	All Accidents		Motor Vehicle		Falls		Drownings		Fire		All Other Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
KITSAP	41	52.3	11	14.0	5	6.4	4	5.1	6	7.7	15	19.1
Bremerton	20	70.2	4	14.0	4	14.0			3	10.5	9	31.6
KITTITAS	30	146.3	13	63.4	7	34.1	1	4.9	3	14.6	6	29.3
KLICKITAT	20	158.7	11	87.3	3	23.8	2	15.9	1	7.9	3	23.8
LEWIS	36	82.9	18	41.5	9	20.7	2	4.6	1	2.3	6	13.8
LINCOLN	4	36.4	3	27.3			1	9.1				
MASON	10	64.1	5	32.1			2	12.8	1	6.4	2	12.8
OKANOGAN	23	78.8	9	30.8	5	17.1	5	17.1			4	13.7
PACIFIC	22	135.0	2	12.3	6	36.8	10	61.3	3	18.4	1	6.1
PEND OREILLE	4	52.6	2	26.3	1	13.2					1	13.2
PIERCE	145	46.7	52	16.7	34	10.9	15	4.8	10	3.2	34	10.9
Puyallup	4	35.7	1	8.9	1	8.9					2	17.9
Tacoma	73	46.3	27	17.1	25	15.9	1	0.6	9	5.7	11	7.0
SAN JUAN	2	62.5	1	31.3			1	31.3				
SKAGIT	41	82.5	13	26.2	9	18.1	5	10.1	1	2.0	13	26.2
SKAMANIA	14	264.2	4	75.5			1	18.9			9	169.8
SNOHOMISH	63	46.8	22	16.3	15	11.1	7	5.2	3	2.2	16	11.9
Everett	22	63.2	9	25.9	8	23.0					5	14.4
SPOKANE	163	59.6	53	19.4	46	16.8	11	4.0	6	2.2	47	17.2
Spokane	116	61.6	39	20.7	44	23.4	1	0.5	5	2.7	27	14.3
STEVENS	21	101.9	14	68.0	1	4.9	2	9.7			4	19.4
THURSTON	36	75.5	12	25.2	8	16.8	4	8.4	1	2.1	11	23.1
Olympia	14	80.5	3	17.2	7	40.2					4	23.0
WAHKIACUM	4	102.6	1	25.6			1	25.6			2	51.3
WALLA WALLA	35	81.6	10	23.3	8	18.6	3	7.0	4	9.3	10	23.3
Walla Walla	17	66.7	4	15.7	5	19.6	4	5.5	4	15.7	4	15.7
WHATCOM	33	45.1	10	13.7	10	13.7	4	5.4	3	4.1	6	8.2
Bellingham	18	49.0	4	10.9	7	19.1	2	5.4	3	8.2	2	5.4
WHITMAN	16	50.6	9	28.5	1	3.2	1	3.2	1	3.2	4	12.7
Pullman	3	26.1	1	8.7	1	8.7					1	8.7
YAKIMA	81	54.9	42	28.5	14	9.5	11	7.5	3	2.0	11	7.5
Yakima	27	61.5	9	20.5	12	27.3	1	2.3			5	11.4

TABLE 24-B

DEATHS: RESIDENCE, BY SELECTED ACCIDENTAL CAUSES WITH RATES
PER 100,000 POPULATION, FOR COUNTIES AND CITIES OF 10,000
POPULATION AND OVER, 1957

County and City	All Accidents		Motor Vehicle		Falls		Drownings		Fire		All Other Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	1,564	57.7	594	21.9	348	12.8	162	6.0	89	3.3	371	13.7
ADAMS	6	60.0	2	20.0			1	10.0			3	30.0
ASOTIN	5	39.1	1	7.8	1	7.8	1	7.8			2	15.6
BENTON	30	43.7	17	24.8	4	5.8	2	2.9	1	1.5	6	8.7
Kennewick	16	116.8	9	65.7	2	14.6	1	7.3			4	29.2
Richland	2	7.6	2	7.6								
CHELAN	22	51.0	11	25.5	2	4.6	3	7.0	3	7.0	3	7.0
Menatchee	8	48.2	3	18.1	2	12.0	1	6.0	1	6.0	1	6.0
CLALLAM	19	67.4	8	28.4	1	3.5	3	10.6	2	7.1	5	17.7
Port Angeles	6	50.4	4	33.6	1	8.4					1	8.4
CLARK	45	52.5	20	23.3	5	5.8	7	8.2	1	1.2	12	14.0
Vancouver	20	47.6	12	28.6	1	2.4	4	9.5			3	7.1
COLUMBIA	3	61.2	1	20.4	1	20.4					1	20.4
COWLITZ	32	54.9	14	24.0	5	8.6	2	3.4			11	18.9
Longview	10	42.9	6	25.8	1	4.3					3	12.9
DOUGLAS	12	82.8	7	48.3	3	20.7	1	6.9			1	6.9
FERRY	9	209.3	7	162.8	1	23.3	2	9.3			1	23.3
FRANKLIN	16	74.4	9	41.9	1	4.7	1	7.2			4	18.6
Pasco	9	64.7	4	28.8	1	7.2					3	21.6
GARFIELD	2	62.5					1	31.3			1	31.3
GRANT	28	59.3	14	29.7	3	6.4	2	4.2	1	2.1	8	16.9
Moses Lake	2	16.9	1	8.5							1	8.5
GRAYS HARBOR	43	75.8	14	24.7	6	10.6	7	12.3	3	5.3	13	22.9
Aberdeen	13	63.4	2	9.8	2	9.8	3	14.6	2	9.8	4	19.5
Hoquiam	5	44.6	1	8.9			1	8.9			3	26.8
ISLAND	10	73.5	5	36.8			1	7.4			4	29.4
JEFFERSON	5	59.5	1	11.9	2	23.8					2	23.8
KING	467	54.8	152	17.8	142	16.7	52	6.1	30	3.5	91	10.7
Bellevue	4	37.0			1	9.3	1	9.3			2	18.5
Renton	8	47.3	5	29.6	2	11.8	1	5.9				
Seattle	314	54.7	93	16.2	109	19.0	26	4.5	25	4.4	61	10.6

TABLE 24-C

DEATHS: RESIDENCE, BY NON-TRANSPORT ACCIDENTAL CAUSES,
BY PLACE OF ACCIDENT, 1957

Cause of Death	Total	Home	Industrial			Street Hiway	Pub. Bldg.	Res. Insti.	Other and Unsp.
			Farm	Incl. Mines	Recre- ation				
Total	845	385	33	77	6	25	29	75	215
Poisoning by solid & liquid substances (870-888)	33	23				1	1		8
Poisoning by gases and vapors (890-895)	21	12	1	1			3		4
Falls (900-904)	348	193	5	16	2	15	14	65	38
Falls on stairs and ladders (900,901)	43	32		2	1		3	3	2
Falls on same level (903)	90	46	1		1	11	2	26	3
Other and unspecified falls (902, 904)	215	115	4	14		4	9	36	33
Slip from falling object (910)	45	3	4	9			1	1	27
Machinery (912)	36		11	18		3	1		3
Electric Current (914)	15		2	7	1	2		1	2
Fire & explosion of com- bustible material (916)	89	64	2	10	1	1	5	2	4
Firearms (919)	40	13	4	11					12
Inhalation & ingestion causing suffocation and obstruction (921, 922)	39	27				1	2	4	5
Mechanical Suffocation (924, 925)	28	25		1					2
Drowning, excluding sub- mersion in small boat (929)	112	9	2	4	1		1		95
Other and unspecified accidents	39	16	2		1	2	1	2	15

TABLE 25

DEATHS: RESIDENCE AND OCCURRENCE, SUICIDE AND HOMICIDE WITH RATES
PER 100,000 POPULATION FOR COUNTIES AND CITIES OF 10,000
POPULATION AND OVER, 1957

County and City	Suicide				Homicide			
	Residence		Occurrence		Residence		Occurrence	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	338	12.5	334	12.3	64	2.4	69	2.5
ADAMS	1	10.0	1	10.0				
ASOTIN	1	7.8	1	7.8				
BENTON	8	11.7	8	11.7	1	1.5	1	1.5
Kennewick	3	21.9	4	29.2	1	7.3	1	7.3
Richland	4	15.2	3	11.4				
CHELAN	6	13.9	6	13.9			1	2.3
Wenatchee	3	18.1	4	24.1			1	6.0
CLALLAM	1	3.5	1	3.5				
Port Angeles	1	8.4						
CLARK	7	8.2	8	9.3	1	1.2	2	2.3
Vancouver	3	7.1	3	7.1	1	2.4	1	2.4
COLUMBIA	1	20.4	3	61.2				
COWLITZ	10	17.2	10	17.2	2	3.4	1	1.7
Longview	5	21.5	5	21.5				
DOUGLAS	2	13.8	2	13.8				
FERRY					1	23.3	1	23.3
FRANKLIN	3	14.0	2	9.3	1	4.7	1	4.7
Pasco	1	7.2	1	7.2	1	7.2	1	7.2
GARFIELD	1	31.3	1	31.3				
GRANT	3	6.4	1	2.1	1	2.1	1	2.1
Moses Lake	1	8.5			1	8.5	1	8.5
GRAYS HARBOR	10	17.6	11	19.4	1	1.8		
Aberdeen	5	24.4	8	39.0				
Hoquiam	4	35.7	2	17.9				
ISLAND	1	7.4	1	7.4	1	7.4	1	7.4
JEFFERSON	1	11.9	1	11.9				
KING	121	14.2	112	13.1	29	3.4	28	3.3
Bellevue	2	18.5	1	9.3				
Renton	1	5.9	1	5.9				
Seattle	85	14.8	82	14.3	24	4.2	23	4.0

TABLE 25 (Cont'd)

County and City	Suicide				Homicide			
	Residence		Occurrence		Residence		Occurrence	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
KITSAP	6	7.7	6	7.7	1	1.3	1	1.3
Bremerton	1	3.5	2	7.0			1	3.5
KITTITAS	2	9.8	1	4.9				
KLICKITAT							1	7.9
LEWIS	4	9.2	3	6.9	3	6.9	2	4.6
LINCOLN	2	18.2	2	18.2				
MASON	2	12.8	2	12.8	1	6.4	1	6.4
OKANOGAN	5	17.1	5	17.1	2	6.8	2	6.8
PACIFIC	2	12.3	2	12.3	2	12.3	2	12.3
PEND OREILLE	1	13.2	1	13.2	1	13.2	1	13.2
PIERCE	40	12.9	39	12.5	4	1.3	4	1.3
Puyallup	1	8.9	1	8.9			1	8.9
Tacoma	24	15.2	20	12.7	3	1.9	3	1.9
SAN JUAN	1	31.3	1	31.3				
SKAGIT	6	12.1	8	16.1	1	2.0	1	2.0
WAMANIA	1	18.9						
WASHKOMISH	14	10.4	16	11.9	3	2.2	3	2.2
Everett	4	11.5	3	8.6	1	2.9	2	5.7
SPOKANE	39	14.3	38	13.9	4	1.5	7	2.6
Spokane	25	13.3	17	9.0	4	2.1	4	2.1
STEVENS	5	24.3	6	29.1				
THURSTON	6	12.6	7	14.7				
Olympia	2	11.5	2	11.5				
WAHKIAKUM								
WALLA WALLA	6	14.0	6	14.0			3	7.0
Walla Walla	3	11.8	4	15.7			2	7.8
WHATCOM	7	9.6	8	10.9				
Bellingham	3	8.2	4	10.9				
WHITMAN	1	3.2	2	6.3				
Pullman								
YAKIMA	11	7.5	12	8.1	4	2.7	4	2.7
Yakima	3	6.8	4	9.1	2	4.6	1	2.3

TABLE 26

DEATHS: RESIDENCE, BY CERTAIN INFECTIVE AND PARASITIC DISEASES
FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total	Tuberculosis All Forms (001-019)	Syphilis & its Sequelae (020-029)	Measles (085)	Meningococcal Infections (057)	Septicaemia and Pyæmia (053)	Acute Infectious Encephalitis (082)	Infectious Hepatitis (092)	All Others
STATE TOTAL	260	90	64	8	16	23	4	20	35
ADAMS									
ASOTIN	2	1	1						
BENTON									
Kennewick									
Richland									
CHELAN	4	1			1	1			1
Wenatchee	3	1			1				1
ALLAM	1	1							
Port Angeles									
CLARK	8	3	3					2	
Vancouver	4	2	2						
COLUMBIA	1								1
COWLITZ	12	2			1				9
Longview	5	1							4
DOUGLAS	2	1						1	
FERRY									
FRANKLIN	1	1							
Pasco									
GARFIELD									
GRANT	1					1			
Moses Lake									
GRAYS HARBOR	5	1	2	1					1
Aberdeen	1		1						
Hoquiam	2		1	1					
ISLAND	1					1			
JEFFERSON	2	1	1						
KING	85	29	28	2	3	5	3	10	5
Bellevue	1							1	
Renton									
Seattle	61	22	23	1	1	2	3	7	2

TABLE 26 (Cont'd)

County and City	Total	Tuberculosis All Forms (001-019)	Syphilis & its Sequelae (020-029)	Measles (085)	Meningococcal Infections (057)	Septicaemia and Pyaemia (053)	Acute Infectious Encephalitis (082)	Infectious Hepatitis (092)	All Others
KITSAP	4	1	1		1				1
Bremerton	2	1							1
KITTITAS	1	1							
KLICKITAT	2		1						1
LEWIS	3	1	2						
LINCOLN	1								1
MASON	2		1	1					
OKANOGAN	2	1	1						
PACIFIC	7	3	2		1	1			
ND OREILLE	3	1			1				1
PIERCE	31	13	6	1	3	2		3	3
Puyallup	1	1							
Tacoma	23	11	5		1	2		1	3
SAN JUAN									
SKAGIT	5	2		1	1				1
SKAMANIA									
SNOHOMISH	14	4	3		1	5		1	
Everett	3	2	1						
SPOKANE	26	10	7	1	1	4		1	2
Spokane	20	8	6	1	1	2		1	1
STEVENS									
THURSTON	5	1	1		1			1	1
Olympia	2				1			1	
WAHKIAKUM									
WALLA WALLA	9	5							4
Walla Walla	6	3							3
WHATCOM	3	1				2			
Bellingham	3	1				2			
WHITMAN	1					1			
Pullman									
YAKIMA	16	5	4	1	1		1	1	3
Yakima	6	1	3					1	1

TABLE 27

DEATHS: OCCURRENCE, BY MONTH, BY SELECTED CAUSES
1957

Cause of Death	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Tuberculosis	109	12	11	8	6	8	12	8	10	12	6	4	12
Syphilis & its Sequelae	62	1	4	2	2	6	6	12	5	8	2	4	10
All other Infectious and Parasitic Diseases	109	7	6	7	7	11	10	6	9	10	16	14	6
Malignant Neoplasms	3,968	363	309	320	353	378	302	315	324	338	315	309	342
Diabetes Mellitus	438	31	40	37	40	37	29	33	36	25	34	53	43
Vascular Lesions Affecting Central Nervous System	3,011	274	239	285	284	239	230	228	217	219	257	276	263
Diseases of the Heart	9,724	872	732	868	816	793	760	791	773	703	845	882	889
Arteriosclerotic Heart Disease including Coronary Hypertension, with Heart Disease	7,272	664	551	664	586	599	555	587	582	540	611	648	685
General Arteriosclerosis	481	83	78	74	75	70	68	76	72	50	73	92	71
Influenza Pneumonia Diseases of Early Infancy	111	1	1	5	3	1			6	1	23	55	15
	799	70	91	76	56	61	46	49	25	64	65	102	94
	959	71	59	67	80	85	87	95	98	79	94	77	67
All Accidents	1,559	118	101	117	115	140	151	128	157	136	120	132	144
M. V. A. Drownings	571	37	47	36	32	42	47	28	59	56	64	59	64
	171	4	5	5	14	26	32	33	25	14	3	5	5
All Causes	25,407	2,194	1,946	2,180	2,131	2,111	1,986	2,037	2,047	1,921	2,164	2,388	2,302

TABLE 28

MATERNAL MORTALITY SUMMARY, 1957

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

Race	Maternal		With Mention of Pregnancy*	
	Residence		Residence	
	No.	Rate	No.	Rate
TOTAL	20	3.03	7	1.06
White	17	2.72	6	0.96
Negro	1	6.31	1	6.31
Indian	2	21.57		

B. Maternal Deaths and Deaths with Mention of Pregnancy: Residence, by Age Group with rates per 10,000 Livebirths

Age Group	Maternal		With Mention of Pregnancy*	
	Residence		Residence	
	No.	Rate	No.	Rate
TOTAL	20	3.03	7	1.06
15-19	0	-	1	1.10
20-24	2	0.88	0	-
25-29	5	2.97	1	0.59
30-34	5	4.70	4	3.76
35-39	6	11.31	1	1.89
40-44	1	8.00		
45 & Over	1	149.25		

C. Maternal Deaths and Deaths with Mention of Pregnancy: Residence and Occurrence, by Counties and Cities of 10,000 population and over, with rates per 10,000 Livebirths

	Maternal				With Mention of Pregnancy*			
	Residence		Occurrence		Residence		Occurrence	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
TOTAL	13	3.03	20	3.00	7	1.06	8	1.20
ASOTIN			1	31.95				
IELAN	1	10.83	1	8.69				
CLARK	1	5.04			1	5.04	2	8.13
Vancouver	1	11.89					1	5.16

TABLE 28 (Cont'd)

C. Maternal Deaths and Deaths with Mention of Pregnancy: Residence and Occurrence, by Counties and Cities of 10,000 population and over, with rates per 10,000 Livebirths

	Maternal		With Mention of Pregnancy*					
	Residence No.	Rate	Occurrence No.	Rate	Residence No.	Rate	Occurrence No.	Rate
FERRY	1	102.04						
GRAYS HARBOR					1	8.29	1	8.34
Aberdeen					1	23.92	1	8.88
KING	4	1.90	4	1.80	3	1.43	3	1.35
Renton			1	5.02				
Seattle	1	0.82	1	0.54	2	1.63	3	1.62
KITTITAS	1	24.88	1	23.81				
OKANOGAN	2	32.26	2	27.36				
PIERCE	4	5.13	4	5.12				
Tacoma	3	7.57	1	1.84				
SKAGIT	2	18.52	2	17.68				
SPOKANE	1	1.43	1	1.32				
Spokane	1	2.06	1	1.46				
STEVENS			1	25.45				
WALLA WALLA	1	11.99	1	9.78				
Walla Walla			1	9.78				
WHATCOM					1	6.88	1	6.72
WHITMAN	1	13.99	1	20.58				
YAKIMA	1	2.99	1	3.11	1	2.99	1	3.11
Yakima			1	4.54				

*Primarily due to some cause not related to Pregnancy

D. Maternal Deaths: Residence and Occurrence, by Cause of Death

	Residence	Occurrence
Toxemias of pregnancy & puerperium (642, 686)	4	5
Ectopic pregnancy (645)	3	3
Abortion without mention of sepsis or toxemia (650)	2	2
Delivery complicated by placenta praevia or antepartum hemorrhage (670)	2	2
Delivery complicated by other postpartum hemorrhage	5	5
Other complications of pregnancy, child-birth, and puerperium (660, 644, 677, 678)	4	3

E. Deaths with Mention of Pregnancy: Residence and Occurrence, by Primary Cause of Death

Cause	Residence	Occurrence
Congenital Syphilis	1	1
Vascular Lesions affecting Central Nervous System	1	1
Rheumatic Fever	1	1
Chronic Rheumatic Heart Disease	1	1
Chronic Nephritis	1	1
Congenital Malformation of Circulatory System	1	1
Suicide	1	1
Pneumonia		1

FETAL DEATHS
(Stillbirths)

For purposes of Washington state vital statistics registration, a fetal death is defined as a delivery after at least twenty weeks of gestation in which the fetus shows no evidence of life. There are indications that a number of fetal deaths within the scope of this definition are not registered.

A total of 793 residence fetal deaths were recorded in 1957 or a ratio of 12.0 fetal deaths for each 1,000 residence livebirths. During 1957, 802 fetal deaths occurred in the State of Washington or a ratio of 12.1 per 1,000 occurrence livebirths. These ratios are the same as the previous year.

Among the causes of fetal death, placental and cord conditions accounted for 44.8 per cent of all residence fetal deaths. Table 30 on page 72 gives further data on residence fetal death by causes.

There were 113.5 male fetal deaths for each 100 female fetal deaths. Fetal deaths by county and city of residence and by county and city of occurrence with ratio per 1,000 livebirths are given in Tables 31 and 32 on pages 73 and 75.

INFANT DEATHS

Infant deaths (deaths of infants under one year of age) accounted for 5.3 per cent of the total number of deaths in 1957. The infant death rate was 24.2 per 1,000 livebirths by residence. As can be seen in the graph, page 4, the infant mortality has experienced a steady decline since 1915. Indians again showed the highest infant death rate 76.6 per 1,000 livebirths. The graph below shows 1957 infant death rates by race. Table 32, page 75, gives infant deaths by county and city of residence with rates per 1,000 livebirths.

Of residence infant deaths in 1957, there was a ratio of 145.0 male deaths for every 100 female deaths. In 1956, this ratio was 138.3 males to every 100 females. This represents a male infant death rate for 1957 of 27.7 deaths per 1,000 male livebirths and a female infant death rate of 20.4 per 1,000 female livebirths.

The largest percentage (59.4%) of infant deaths occurred under International List group 760 to 776, "Certain Diseases of Early Infancy". Of this group, immaturity mentioned with some other condition and immaturity unqualified accounted for the greatest number of deaths. Immaturity or some other condition with mention of immaturity accounted for 44.7 per cent of all infant deaths. Congenital malformations accounted for 13.7 per cent of the infant deaths followed by influenza and pneumonia which caused 12.0 percent of the infant deaths (not including pneumonia of the newborn which is included in category "Certain diseases of early Infancy").

Accidents caused 3.5 per cent of the infant deaths.

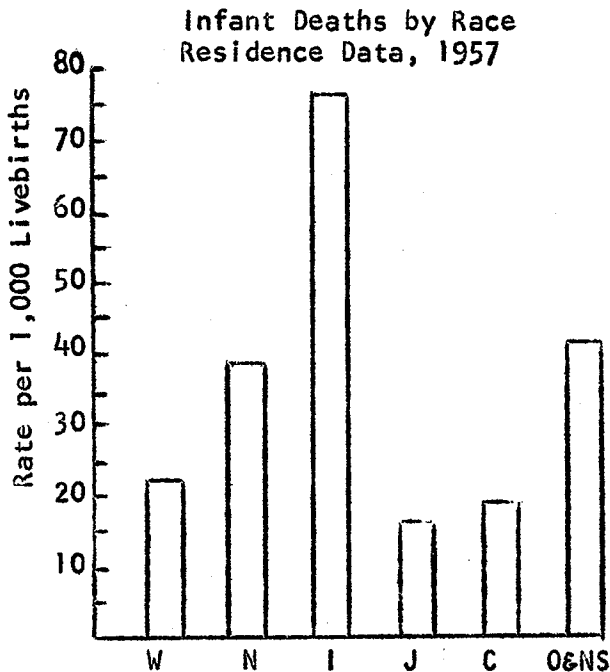


Table 33, page 77, gives a detailed breakdown of infant deaths by cause, sex and age of infant. Table 34, page 80, lists the leading causes for the counties and major cities.

Neonatal Deaths

Neonatal deaths (infants who died before reaching the age of 28 days) accounted for 72.1 of the total resident infant deaths for 1957. Neonatal death data by county and city of residence and by county and city of occurrence are given in Tables 31 and 32, pages 73 and 75.

TABLE 29

FETAL DEATHS: RESIDENCE, BY SEX, BY WEIGHT, 1957

Weight	Total	Male	Female	Sex Unknown
STATE TOTAL	793	420	370	3
8 oz. and Under	3		3	
9 oz. - 1 lb. 8 oz.	81	33	48	
1 lb. 9 oz. - 2 lb. 8 oz.	95	50	45	
2 lb. 9 oz. - 3 lb. 8 oz.	81	39	42	
3 lb. 9 oz. - 4 lb. 8 oz.	71	38	33	
4 lb. 9 oz. - 5 lb. 8 oz.	95	51	44	
5 lb. 9 oz. - 6 lb. 8 oz.	97	52	45	
6 lb. 9 oz. - 7 lb. 8 oz.	101	52	49	
7 lb. 9 oz. - 8 lb. 8 oz.	65	40	25	
8 lb. 9 oz. - 9 lb. 8 oz.	15	13	2	
9 lb. 9 oz. - 10 lb. 8 oz.	10	8	2	
10 lb. 9 oz. and over	14	9	5	
Weight Not Stated	65	35	27	3

TABLE 30

FETAL DEATHS: RESIDENCE, BY SELECTED CAUSES, 1957

Cause with International List Number	Number
TOTAL ALL CAUSES	793
Chronic disease in Mother (30)	13
Diabetes Mellitus (30.2)	8
Chronic Disease of the Circulatory System (30.3)	3
Other Chronic Disease (30.4, 30.5)	2
Acute Disease in Mother (31)	9
Influenza and Pneumonia (31.1, 31.2)	4
Other acute Disease or Condition (31.3, 31.4)	5
Diseases and Conditions of Pregnancy and Childbirth (32)	42
Ectopic Gestation (32.1)	1
Hemorrhage without mention of Placental Conditions (32.2)	1
Toxemias of Pregnancy (32.3, 32.4)	35
Infection	5
Difficulties in Labor (34)	44
with abnormality of pelvis or Pelvic Organs (34.0, 34.1, 34.5)	6
with Malposition of Fetus (34.2)	26
with Abnormality of the forces of Labor (34.3)	6
without mention of underlying Condition (34.6)	6
Other causes in Mother (35)	6
Cord and Placental Conditions (36.2)	355
Cord Condition without mention of Placental Abnormality (36.0)	119
Placenta Praevia (36.1, 36.3)	20
Premature Separation of Placenta (36.2, 36.4)	175
Placenta Infarct (36.5)	13
Other abnormality of placenta and Cord (36.6)	28
Birth Injury (37)	3
Congenital Malformations (38)	71
Anencephalus (38.0)	16
Hydrocephalus (38.1)	14
Other Malformations of Central Nervous System (38.2, 38.3)	8
Malformation of Cardiovascular System (38.4)	12
Other and Unspecified Malformations (38.5 - 38.7)	21
Diseases of Fetus and Ill-defined Causes (39)	250
Erythroblastosis (39.2)	56
Maceration (39.4)	15
Other Ill-defined Causes (39.5)	97
Cause Unspecified (39.6)	82

TABLE 28

INFANT AND NEONATAL MORTALITY: RESIDENCE AND OCCURRENCE, BY COUNTIES AND CITIES
OF 10,000 POPULATION AND OVER, WITH RATES PER 1,000 LIVEBIRTHS, 1956

County and City	Infant Mortality				Neonatal Mortality			
	Residence		Occurrence		Residence		Occurrence	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	1,524	23.4	1,542	23.3	1,160	17.8	1,173	17.7
ADAMS	8	30.3	3	17.5	5	18.9	1	5.8
ASOTIN	10	34.4	11	36.3	9	30.9	10	33.0
BENTON	37	22.7	36	19.0	30	18.4	29	15.3
Kennewick	16	27.7	13	25.1	13	22.5	10	19.3
Richland	13	18.0	13	17.9	12	16.6	11	15.2
CHELAN	12	11.9	17	14.0	7	6.9	13	10.7
Wenatchee	7	15.2	15	15.1	3	6.5	11	11.1
CLALLAM	20	25.6	17	22.5	15	19.2	14	18.6
Port Angeles	5	13.0	12	18.5	4	10.4	11	17.0
CLARK	32	16.1	36	15.0	19	9.5	23	9.6
Vancouver	14	14.6	25	13.1	10	10.4	16	8.4
COLUMBIA	3	33.3	3	29.4	3	33.3	2	19.6
COWLITZ	34	23.0	32	20.6	27	18.3	26	16.7
Longview	18	24.5	31	20.0	12	16.3	25	16.1
DOUGLAS	9	33.1	4	148.1	7	25.7	2	74.1
FERRY								
FRANKLIN	9	15.5	13	20.2	7	12.0	9	14.0
Pasco	9	21.0	12	20.2	7	16.3	9	15.2
GARFIELD								
GRANT	29	17.7	23	14.6	24	14.6	20	12.7
Moses Lake	9	16.2	12	20.6	6	10.8	10	17.2
GRAYS HARBOR	33	25.4	29	23.7	23	17.7	17	13.9
Aberdeen	8	18.1	23	19.1	7	15.8	17	14.1
Hoquiam	8	28.6	3		5	17.9		
ISLAND	13	30.0	6	14.3	13	30.0	6	14.3
JEFFERSON	5	22.0	2	11.2	2	8.8	1	5.6
KING	445	22.0	487	22.8	354	17.5	380	17.8
Bellevue	8	10.0	2		7	8.8	1	
Renton	13	30.0	37	21.0	10	22.7	32	18.1
Seattle	261	22.0	421	23.1	207	17.4	332	18.2
KITSAP	58	30.0	58	29.0	42	21.7	45	22.5
Bremerton	21	24.2	49	25.1	17	19.6	43	22.0

TABLE 28 (Cont'd)

County and City	Infant Mortality				Neonatal Mortality			
	Residence		Occurrence		Residence		Occurrence	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
KITTITAS	14	21.0	13	28.9	10	22.2	10	22.2
KLICKITAT	7	19.2	6	19.1	7	19.2	6	19.1
LEWIS	31	35.1	29	30.8	25	28.3	24	25.5
LINCOLN	4	17.6	1	17.0	4	17.6	1	16.9
MASON	6	15.7	5	14.1	4	10.4	4	11.3
OKANOGAN	18	27.2	23	29.3	10	15.1	13	16.5
PACIFIC	9	28.8	7	23.6	6	19.2	5	16.9
PEND OREILLE	3	15.3	4	22.2	2	10.2	2	11.1
PIERCE	220	31.1	233	29.2	176	24.9	188	23.6
Puyallup	2	7.9	7	12.4	2	7.9	7	12.4
Tacoma	138	38.5	138	31.3	106	29.6	105	23.8
SAN JUAN	1	27.0			1	27.0		
SKAGIT	30	27.8	29	25.6	21	19.4	21	18.6
SKAMANIA	4	36.0			4	36.0		
SNOHOMISH	84	23.2	58	23.9	62	17.1	41	16.9
Everett	30	29.0	41	20.3	25	24.1	33	16.3
SPOKANE	167	23.6	189	24.6	128	18.1	145	18.9
Spokane	120	24.0	154	24.0	96	19.2	127	19.8
STEVENS	11	25.3	8	17.9	7	16.1	6	13.4
THURSTON	21	48.3	17	18.1	16	13.1	13	13.9
Olympia	9	19.9	12	13.0	8	17.7	12	13.0
WAHKIAKUM	1	15.6	1					
WALLA WALLA	10	13.0	12	12.7	5	6.5	7	7.4
Walla Walla	4	9.8	12	12.8	2	4.9	7	7.4
WHATCOM	29	19.3	32	21.4	21	14.0	25	16.7
Bellingham	15	19.7	26	19.0	11	14.4	23	16.8
WHITMAN	5	7.3	4	8.5	4	5.8	4	8.5
Pullman	3	10.8	2	7.7	2	7.2	2	7.7
YAKIMA	92	26.1	94	28.3	60	17.0	60	18.1
Yakima	36	25.9	58	24.6	26	18.7	45	19.1

TABLE 31

FETAL DEATHS, PERINATAL, NEONATAL AND INFANT MORTALITY: OCCURRENCE, WITH RATES PER 1,000 LIVEBIRTHS FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Fetal Deaths		Perinatal Mortality*		Neonatal Mortality		Infant Mortality	
	Number	Ratio	Number	Rate***	Number	Rate	Number	Rate
STATE TOTAL	802	12.1	1,831	27.2	1,161	17.4	1,613	24.2
ADAMS	2	11.2	3	16.7	1	5.6	2	11.2
ASOTIN	4	12.8	9	28.4	5	16.0	5	16.0
BENTON	27	15.6	51	29.0	27	15.6	33	19.1
Kennewick	7	15.1	16	34.0	9	19.4	11	23.7
Richland	10	13.4	16	21.2	7	9.4	7	9.4
CHELAN	10	8.7	21	18.1	14	12.2	19	16.5
Wenatchee	7	7.3	18	18.5	13	13.5	17	17.6
CLALLAM	8	10.6	30	39.3	27	35.7	36	47.6
Port Angeles	6	9.1	25	37.7	23	35.0	29	44.1
CLARK	17	6.9	42	17.0	26	10.6	39	15.9
Vancouver	15	7.7	37	18.9	23	11.9	33	17.0
COLUMBIA	1	10.4	4	41.2	4	41.7	4	41.7
COWLITZ	10	6.5	27	17.5	19	12.4	29	19.0
Longview	10	6.5	27	17.5	19	12.4	24	15.7
DOUGLAS	1	26.3	3	76.9	2	52.6	3	78.9
FERRY	1	17.9	3	52.6	2	35.7	5	89.3
FRANKLIN	6	9.9	11	17.9	7	11.5	7	11.5
Pasco	6	10.6	11	19.2	7	12.4	7	12.4
GARFIELD	0		5	82.0	5	82.0	5	82.0
GRANT	17	11.3	36	23.7	21	14.0	31	20.6
Moses Lake	11	15.8	25	35.4	16	23.0	23	33.0
GRAYS HARBOR	12	10.0	44	36.3	35	29.2	43	35.9
Aberdeen	12	10.7	42	36.9	31	27.5	36	32.0
Hoquiam	0		0		0		2	***
ISLAND	6	14.5	6	14.3	1	2.4	2	4.8
JEFFERSON	3	15.6	5	25.6	2	10.4	4	20.8
KING	302	13.6	631	28.1	374	16.9	530	23.9
Bellevue	1	***	1	***	0		3	***
Renton	32	16.1	57	28.2	25	12.6	31	15.6
Seattle	241	13.0	525	27.9	324	17.5	446	24.0

TABLE 31 (Cont'd)

County and City	Fetal Deaths		Perinatal Mortality		Neonatal Mortality		Infant Mortality	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
KITSAP	26	13.9	55	29.0	36	19.3	48	25.7
Bremerton	26	14.3	55	29.8	34	18.8	43	23.6
KITTITAS	4	9.5	8	18.9	5	11.9	9	21.4
KLICKITAT	5	16.6	7	22.8	3	9.9	4	13.2
LEWIS	14	14.4	28	28.4	15	15.4	18	18.5
LINCOLN	1	12.8	2	25.3	1	12.8	1	12.8
MASON	2	6.2	5	15.3	4	12.3	7	21.5
OKANOGAN	5	6.8	16	24.5	13	17.8	17	23.3
PACIFIC	6	19.6	12	38.5	6	19.6	8	26.1
PEND OREILLE	0		0		0		1	5.1
PIERCE	92	11.8	240	30.3	170	21.7	241	30.8
Puyallup	3	4.6	15	23.1	13	20.1	14	21.7
Tacoma	60	11.0	146	26.6	97	17.8	147	27.0
SAN JUAN	0		0		0		0	
SKAGIT	20	17.7	27	23.5	8	7.1	18	15.9
SKAMANIA	0		0		0		3	***
SNOHOMISH	29	10.7	71	25.9	46	17.0	62	22.9
Everett	24	10.6	55	24.1	35	15.5	43	19.1
SPOKANE	80	10.6	200	25.2	135	17.9	180	23.8
Spokane	75	11.0	182	26.4	119	17.4	153	22.4
STEVENS	16	40.7	22	53.8	7	17.8	10	25.4
THURSTON	8	7.8	27	26.1	20	19.5	22	21.4
Olympia	8	7.9	27	26.5	20	19.8	22	21.8
WAHKIAKUM	0		0		0		0	
WALLA WALLA	12	11.7	34	32.9	26	25.4	34	33.2
Walla Walla	12	11.7	34	32.9	25	24.5	32	31.3
WHATCOM	14	9.4	45	30.0	33	22.2	38	25.5
Bellingham	11	8.2	38	28.3	29	21.7	31	23.2
WHITMAN	2	4.1	7	14.3	5	10.3	9	18.5
Pullman	2	7.9	3	11.8	1	4.0	2	7.9
YAKIMA	39	12.1	92	28.3	56	17.4	86	26.7
Yakima	23	10.4	67	30.1	46	20.9	59	26.8

*** Number of Livebirths too small to compute a rate

** Perinatal rate per 1,000 Livebirths and Fetal Deaths

* Perinatal Mortality is Fetal Deaths plus Liveborn Infants dying at age six days and under

TABLE 32 (Cont'd)

County and City	Fetal Deaths		Perinatal Mortality		Neonatal Mortality		Infant Mortality	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
KITSAP	28	15.1	57	30.2	35	18.8	50	26.9
Bremerton	12	15.9	26	34.0	15	19.9	20	26.6
KITTITAS	4	10.0	5	12.3	2	5.0	6	14.9
KLICKITAT	4	12.0	7	20.8	4	12.0	5	15.0
LEWIS	11	12.2	22	24.1	12	13.3	16	17.7
LINCOLN	3	13.5	5	22.1	4	17.9	4	17.9
MASON	2	5.4	6	16.0	5	13.4	10	26.8
OKANOGAN	5	8.1	15	24.0	11	17.7	15	24.2
PACIFIC	5	16.6	10	32.6	5	16.6	8	26.5
PEND OREILLE	0		0		1	5.1	2	10.2
PIERCE	86	11.0	232	29.4	167	21.4	233	29.9
Puyallup	1	3.6	4	14.4	4	14.4	5	18.1
Tacoma	56	14.1	135	33.6	87	21.9	124	31.3
SAN JUAN	0		1	31.3	1	31.3	1	31.3
KAGIT	17	15.7	26	23.7	10	9.3	20	18.5
SKAMANIA	3	29.1	5	47.2	2	19.4	5	48.5
SNOHOMISH	43	11.2	98	25.3	59	15.4	79	20.7
Everett	14	15.4	32	34.7	19	20.9	25	27.5
SPOKANE	77	11.0	188	26.5	120	17.1	157	22.4
Spokane	57	11.8	146	29.8	95	19.6	122	25.2
STEVENS	15	37.3	21	50.4	7	17.4	12	29.9
THURSTON	14	11.2	41	32.5	28	22.5	29	23.3
Olympia	4	8.6	17	36.2	13	27.9	13	27.9
WAHKIAKUM	2	26.7	3	39.0	1	13.3	1	13.3
WALLA WALLA	12	14.4	28	33.1	21	25.2	27	32.4
Walla Walla	7	15.2	18	38.5	11	23.9	13	28.2
WHATCOM	15	10.3	45	30.7	32	22.0	37	25.5
Bellingham	7	9.0	19	24.2	14	18.0	15	19.3
WHITMAN	2	2.8	11	15.3	11	15.4	17	23.8
Pullman	0		2	6.3	4	12.7	6	19.0
YAKIMA	43	12.8	95	28.0	55	16.4	91	27.2
Yakima	8	7.3	31	28.0	23	20.9	35	31.8

* Perinatal rate per 1,000 Livebirths and Fetal Deaths

Perinatal Mortality is Fetal Deaths plus Liveborn Infants dying at age six days and under.

TABLE 32

FETAL DEATHS, PERINATAL, NEONATAL AND INFANT MORTALITY: RESIDENCE, WITH RATES PER 1,000 LIVEBIRTHS FOR COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Fetal Deaths		Perinatal Mortality**		Neonatal Mortality		Infant Mortality	
	Number	Ratio	Number	Rate*	Number	Rate	Number	Rate
STATE TOTAL	793	12.0	1,813	27.2	1,150	17.4	1,596	24.2
ADAMS	2	7.5	5	18.7	4	15.0	9	33.8
ASOTIN	0		4	12.7	4	12.7	4	12.7
BENTON	21	13.7	41	26.3	23	15.0	31	20.2
Kennewick	5	10.3	12	24.5	8	16.5	10	20.6
Richland	6	8.3	13	17.9	8	11.1	8	11.1
CHELAN	10	10.8	19	20.4	12	13.0	17	18.4
Wenatchee	3	7.1	7	16.4	4	9.4	7	16.5
CLALLAM	8	10.9	26	34.9	23	31.3	32	43.5
Port Angeles	4	11.3	12	33.6	11	31.2	14	39.7
CLARK	13	6.6	36	18.0	24	12.1	38	19.2
Vancouver	7	8.3	20	23.6	13	15.5	20	23.8
COLUMBIA	0		3	31.6	3	31.6	3	31.6
COWLITZ	8	5.5	24	16.4	18	12.3	31	21.2
Longview	3	4.3	10	14.4	8	11.6	13	18.8
DOUGLAS	1	3.7	5	18.4	4	14.8	5	18.5
FERRY	2	20.4	5	50.0	3	30.6	6	61.2
FRANKLIN	8	14.6	16	28.7	10	18.2	10	18.2
Pasco	6	16.1	10	26.5	5	13.4	5	13.4
GARFIELD	0		5	74.6	5	74.6	5	74.6
GRANT	17	10.8	41	25.8	27	17.2	39	24.8
Moses Lake	3	6.0	8	15.9	5	10.0	8	16.0
GRAYS HARBOR	14	11.6	45	36.9	34	28.2	43	35.7
Aberdeen	7	16.7	22	51.8	15	35.9	17	40.7
Hoquiam	3	12.7	9	37.7	6	25.4	11	46.6
ISLAND	8	16.3	12	24.1	5	10.2	7	14.3
JEFFERSON	3	12.8	9	38.0	7	29.9	10	42.7
KING	287	13.6	596	28.0	351	16.7	481	22.9
Bellevue	5	9.5	14	26.3	9	17.1	12	22.8
Renton	10	21.1	17	35.1	9	19.0	12	25.3
Seattle	184	15.0	388	31.2	232	18.9	315	25.7

TABLE 33

INFANT MORTALITY: RESIDENCE, BY AGE, SEX, AND CAUSE, 1957

Cause and International List Number	Total		Under 1 day		1 day Under 7 days		7 days Under 28 days		28 da. Under 3 mo.		3 mo. Under 6 mo.		6 mo. Under 9 mo.		9 mo. Under 12 mo.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	944	651	352	257	256	154	71	59	110	74	102	55	30	33	23	19
TOTAL ALL CAUSES																
All infective & parasitic diseases (001-138)	11	10	1	1	1	1	5	3	3	3	1	1	1	1	1	2
Malignant Neoplasms (140-204)	2	1					1									
Meningitis, except meningococcal and tuberculosis (340)	9	5	1	1	1	1	3	2	2	1	4	1				
Acute upper respiratory Infection (470-475)	8	2					3		4				1	1	1	1
Influenza and Pneumonia (480-493)	117	75					1	1	50	33	51	22	8	11	7	8
Influenza (480-483)	5	2					2		3	1		1				
Pneumonia (490-493)	112	73					1	1	48	33	48	21	8	10	7	8
Bronchitis (500-502)	9	2					1		6	1		1	1	1	1	1
Other diseases of Respiratory System (510-527)	23	11	6	1	13	6	3	4	3	1	1	1	1	1	1	1
Hernia & Intestinal Obstruction (560,561,570)	8	14	2	6	2	2	3	1	1	2	2	2	3	4	2	2
Gastritis, duodenitis, enteritis, & colitis, except diarrhea of newborn (543,571,572)	6	7					4	1	2	2	4	2	4	4	2	2
Congenital Malformations (750-759)*	126	92	27	15	34	17	20	23	21	17	12	11	8	7	4	2
Monster (750)	5	6	4	4	1	1	1	1								
Spina bifida and meningocele (751)	5	6	1	1			1	2	2	1	1	2				
Hydrocephalus (752)	10	2	2	1	1	1	1	1	2	1	2	1	1	1	1	1
Other Central Nervous System Malformations (753)	4	5	1	1	1	3	2						1	1		
Malformation of the Heart (7540-7544)	47	47	7	3	15	6	7	16	7	9	6	6	3	5	2	2
Other Circulatory Malformations (7545-6)	15	1	1		4		1		5	1	1	1	2	1	1	1

TABLE 33 (Cont'd)

Cause and International List Number	Total		Under 1 day		1 day Under 7 days		7 days Under 28 days		28 da. Under 3 mo.		3 mo. Under 6 mo.		6 mo. Under 9 mo.		9 mo. Under 12 mo.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Congenital Malformations of the Digestive System (756)	20	11	1	1	11	5	5	2	1	2	2	1	1			
Genito-Urinary System (757)	9	3	2	1	1	1	2	2	3	1	1	1	1			
Other Congenital Malformations (758-9)	11	11	9	4	1	2	2	2	1	2	1	1	1			
Certain Diseases of Early Infancy (760-776)	557	391	316	232	200	127	36	27	5	4	1	1	1			
Birth Injuries (760-761)	94	55	63	30	26	23	3	1	2	1	1	1	1			
Without Immaturity (760.0, 761.0)	35	17	18	7	14	9	1	1	2	1	2	1	1			
With Immaturity (760.5, 761.5)	59	38	45	23	12	14	2	1	2	1	2	1	1			
Postnatal asphyxia & Atelectasis (762)	171	116	90	75	72	37	8	2	1	2	1	2	1			
Without Immaturity (762.0)	55	33	23	18	28	13	3	1	1	1	1	1	1			
With Immaturity (762.5)	116	83	67	57	44	24	5	1	1	1	1	1	1			
Pneumonia of Newborn (763)	21	22	3	1	9	7	8	14	1	1	1	1	1			
Without Immaturity (763.0)	20	15	3	1	8	4	8	11	1	1	1	1	1			
With Immaturity (763.5)	1	7	1	1	1	3	1	3	1	3	1	3	1			
Diarrhea of Newborn (764)	1	1														
Without Immaturity (764.0)	1	1														
Other Infections of Newborn (765-768)	3	4														
Without Immaturity (765.0-768.0)	3	3														
With Immaturity (765.5-768.5)	1	1														
Maternal Toxemia (769)	1	1														
With Immaturity (769.6)	1	1														
Hemolytic disease of Newborn (Erythroblastosis) (770)	39	14	20	11	17	2	2	1	2	1	2	1	2			
Without Immaturity (770.0-770.2)	32	10	18	8	12	2	2	2	2	2	2	2	2			
With Immaturity (770.5-770.7)	7	4	2	3	5	1	1	1	1	1	1	1	1			
Hemorrhagic Disease of Newborn (771)	4	1	1	1	3	1	3	1	3	1	3	1	3			
Without Immaturity (771.0)	2	2	1	1	1	1	1	1	1	1	1	1	1			
With Immaturity (771.5)	2	1			2	1	2	1	2	1	2	1	2			

TABLE 33 (Cont'd)

Cause and International List Number	Total		Under 1 day		1 day Under 7 days		7 days Under 28 days		28 da. Under 3 mo.		3 mo. Under 6 mo.		6 mo. Under 9 mo.		9 mo. Under 12 mo.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
All-defined diseases peculiar to early Infancy, including nutritional maladjustment (772,773)	31	21	23	15	8	4			1							
Without Immaturity (772.0, 773.0)	4	4	2	2	2	1										
With Immaturity (772.5, 773.5)	27	17	21	13	6	3			1							
Immaturity with mention of any other subsidiary condition (774)	31	9	15	5	12	4	4									
Immaturity Unqualified (776)	161	149	101	95	52	47	7	7	1							
All Other Diseases (residual)	33	16	1	1	4	4	5	4	8	3	5	6	7	1	3	1
All Accidents (800-962)	33	23			3		3	1	6	8	12	7	4	5	5	2
Motor Vehicle Accidents (810-835)	4	1							1		1		1	1	1	
Falls (900-904)	2									1						1
Fire and Burns (916, 917)	3	2								1			1		2	1
Mechanical Suffocation (921-925)	25	17			3		3	1	5	5	11	7	2	4	1	
Inhalation & ingestion of food or other object causing obstruction or suffocation (921-922)	10	10			3		1	1	4	3	2	2	3	1		
Mechanical suffocation in bed & cradle and in unspecified circumstances (924-925)	15	7					2		5	1	8	5	1			
All Other Accidents (936)	1	1							1						1	
Homicide (983)	2	2			2	1										1

* One - Sex unknown, not included in this Table

TABLE 34

INFANT MORTALITY: RESIDENCE, BY LEADING CAUSES, FOR COUNTIES
AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total All Causes	Immaturity with Subsidiary Conditions & Immaturity Unqualified (774-776)	Postnatal Asphyxia & Atelectasis (762)	Birth Injuries (760-761)	Other Diseases of Early Infancy (763-773)	Congenital Malformations (750-759)	Influenza and Pneumonia (480-493)	All Accidents (800-962)	All Other Causes
STATE TOTAL	1,596	350	287	149	162	219	192	56	181
ADAMS	9	1	1	1	1		2		3
ASOTIN	4		1		1	2			
BENTON	31	3	7	3	5	4	4		5
Kennewick	10	2	1	2	3	1			1
Richland	8		2	1	1	2			2
CHelan	17	2	3		2	4	1		5
Wenatchee	7	1	1		2		1		2
CLALLAM	32	6	8	4	2	4	4		4
Port Angeles	14	4	2	2	1	3	1		1
CLARK	38	5	7	5	2	6	4	1	8
Vancouver	20	3	4	4		2	2		5
COLUMBIA	3	1		2					
COWLITZ	31	9	2	3	2	5	2	1	7
Longview	13	4		2	2	2			3
DOUGLAS	5	1	2			1			1
FERRY	6				1	2	2		1
FRANKLIN	10	1	1		4	3			1
Pasco	5	1	1		1	1			1
GARFIELD	5	5							
GRANT	39	2	11	5	3	8	6	2	2
Moses Lake	8		3		1	3		1	
GRAYS HARBOR	43	14	2	5	6	7	2	2	5
Aberdeen	17	8		2	1	4	1		1
Hoquiam	11	3		1	1	2		2	2
ISLAND	7	3			1	1	1		1
JEFFERSON	10	1	2	2			3		2
King	481	105	88	39	56	67	62	23	41
Bellevue	12	4	3		1			1	3
Renton	12	3	2	1	2	2	2		
Seattle	315	64	63	27	36	47	39	16	23

TABLE 34 (Cont'd)

County and City	Total All Causes	Immaturity with Subsidiary Conditions & Immaturity Unqualified (774-776)	Postnatal Asphyxia & Atelectasis (762)	Birth Injuries (760-761)	Other Diseases of Early Infancy (763-773)	Congenital Malformations (750-759)	Influenza and Pneumonia (480-493)	All Accidents (800-962)	All Other Causes
KITSAP	50	6	16	5	1	7	5	6	4
Bremerton	20	4	8			2	2	1	3
KITTITAS	6	1	1			1	1	2	
KLICKITAT	5			1	1	2			1
LEWIS	16	2	3	3	3	2		1	2
LINCOLN	4		2		1	1			
MASON	10	1	1		3	2	1		2
OKANOGAN	15	1	3	3	1	3	3		1
PACIFIC	8	1	2	1			1	1	2
PEND OREILLE	2					1			1
PIERCE	233	55	53	21	19	20	39	2	24
Puyallup	5	2	2						1
Tacoma	124	28	27	13	9	10	26		11
SAN JUAN	1	1							
SKAGIT	20	1	3	1	2	3	5	2	3
SKAMANIA	5		1	1				2	1
SNOHOMISH	79	27	10	5	10	7	11	2	7
Everett	25	9			7	2	3		4
SPOKANE	157	43	26	19	12	21	13	4	19
Spokane	122	35	20	14	11	15	8	2	17
STEVENS	12	1	1	1	2	5			2
THURSTON	29	14	3	2	6	1			3
Olympia	13	9		1	1	1			1
WAKIYAKUM	1		1						
WALLA WALLA	27	7	5	6	1	4		1	3
Walla Walla	13	3	3	4		2			1
WHATCOM	37	8	9	4	6	3	2	1	4
Bellingham	15	1	2	2	4	2			4
WHITMAN	17	6				8		2	1
Pullman	6					4		1	1
YAKIMA	91	16	12	7	8	14	18	1	15
Yakima	35	7	3	4	4	7	5	1	4

TABLE 35

INFANT MORTALITY: RESIDENCE, BY RACE FOR COUNTIES AND
CITIES OF 10,000 POPULATION AND OVER,
1957

County and City	Total	White	Negro	Indian	Japanese	Chinese	Other and Not Stated
STATE TOTAL	1,596	1,438	62	71	8	3	14
ADAMS	9	9					
ASOTIN	4	4					
BENTON	31	30			1		
Kennewick	10	10					
Richland	8	8					
CHELAN	17	17					
Wenatchee	7	7					
CLALLAM	32	23		9			
Port Angeles	14	13		1			
CLARK	38	38					
Vancouver	20	20					
CLUMBIA	3	3					
COWLITZ	31	31					
Longview	13	13					
DOUGLAS	5	5					
FERRY	6	4		2			
FRANKLIN	10	10					
Pasco	5	5					
GARFIELD	5	5					
GRANT	39	38		1			
Moses Lake	8	8					
GRAYS HARBOR	43	42		1			
Aberdeen	17	17					
Hoquiam	11	11					
ISLAND	7	6					1
JEFFERSON	10	7		3			
KING	481	418	30	14	7	3	9
Bellevue	12	12					
Renton	12	12					
Seattle	315	257	29	13	6	2	8
KITSAP	50	47	1	2			
Bremerton	20	19	1				

TABLE 35 (Cont'd)

County and City	Total	White	Negro	Indian	Japanese	Chinese	Other and Not Stated
KITTITAS	6	6					
KLICKITAT	5	5					
LEWIS	16	16					
LINCOLN	4	4					
MASON	10	9		1			
OKANOGAN	15	11		4			
PACIFIC	8	8					
PEND OREILLE	2	2					
PIERCE	233	198	25	7			3
Puyallup	5	4		1			
Tacoma	124	108	13	3			
SAN JUAN	1	1					
SKAGIT	20	18		2			
SKAMANIA	5	5					
SNOHOMISH	79	75	1	3			
Everett	25	24	1				
SPOKANE	157	152	3	1			1
Spokane	122	118	3	1			
STEVENS	12	11		1			
THURSTON	29	29					
Olympia	13	13					
WAHKIAKUM	1	1					
WALLA WALLA	27	27					
Walla Walla	13	13					
WHATCOM	37	31		6			
Bellingham	15	14		1			
WHITMAN	17	17					
Pullman	6	6					
YAKIMA	91	75	2	14			
Yakima	35	34	1				

SPECIAL TABLES

The purpose of these special tables which are included this year for the first time is to present selected mortality data in relation to birthweight.

Fetal death data are based on deliveries to women who were residents of the state, involving delivery after at least twenty weeks of gestation in which the fetus showed no evidence of life. These fetal death data are the same as included in the preceding portion of this summary.

Mortality data among liveborn infants are not the same as included in preceding tables. In order to present the mortality data in relation to birthweight, it was necessary to match the death certificates with corresponding birth certificates. Only those deaths that could be matched with a birth certificate involving birth in the state to a mother who was a resident of the state at the time of birth are included in these special tables. As a consequence, the rates shown in special table 1 are slightly defective since all livebirths to residents of the state during 1957 have been used as the base population.

Also introduced in the summary for the first time is material relative to the perinatal mortality rate. This is defined as fetal deaths of 20 weeks gestation or more plus postnatal deaths under 7 days - base population fetal deaths of 20 weeks gestation or more plus total livebirths.

Conventional definitions of infant and neonatal mortality rates have been used. Infant mortality rate - deaths of liveborn infants at under one year of age - base population total livebirths. Neonatal mortality rate - deaths of liveborn infants at under 26 days of age - base population total livebirths.

SPECIAL TABLE I

FETAL DEATHS, PERINATAL, NEONATAL AND INFANT MORTALITY:
BY BIRTHWEIGHT IN GRAMS WITH RATES, 1957

Birthweight in Grams	Fetal Deaths*		Perinatal Mortality**		Neonatal Mortality*		Infant Mortality*	
	Number	Ratio	Number	Rate	Number	Rate	Number	Rate
TOTALS	793	12.0	1,797	26.9	1,131	17.1	1,564	23.7
1,000 & Under	150	495.0	426	940.4	279	920.8	280	924.1
1,001 - 1,500	86	236.3	270	600.0	198	544.0	205	563.2
1,501 - 2,000	88	104.9	263	283.7	194	231.2	216	257.4
2,001 - 2,500	102	34.1	198	63.9	111	37.1	166	55.4
2,501 - 3,000	102	8.9	187	16.2	105	9.2	204	17.8
3,001 - 3,500	111	4.3	182	7.0	96	3.7	246	9.5
3,501 - 4,000	52	2.8	103	5.6	75	4.1	142	7.8
4,001 - 4,500	17	3.5	33	6.7	19	3.9	42	8.6
4,501 & over	20	21.8	28	29.9	9	9.8	17	18.5
Not Stated	65	844.2	107	753.5	45	584.4	46	597.4

* Rates per 1,000, 1957 residence livebirths

** Rates per 1,000, 1957 residence livebirths and 1957 residence fetal deaths

One pound = 453.59 grams

SPECIAL TABLE 11

INFANT MORTALITY: BY SELECTED LEADING CAUSES,
BY BIRTHWEIGHT IN GRAMS, 1957

Birthweight in Grams	Immaturity (774-776)	Asphyxia & Atelectasis (762)	Influenza Pneumonia (480-493, 763)	Congenital Malfor- mations (750-759)	Birth Injuries (760-761)	All Accidents (800-962)
Totals	343	279	225	214	150	55
1,000 & Under	157	55	1	3	45	
1,001 - 1,500	86	55	7	9	21	1
1,501 - 2,000	62	57	12	22	25	4
2,001 - 2,500	15	40	22	25	15	6
2,501 - 3,000	2	23	49	44	14	13
3,001 - 3,500	2	18	83	53	12	18
3,501 - 4,000		15	37	37	8	9
4,001 - 4,500		5	10	12	4	3
4,501 & Over			4	3	2	1
Not Stated	19	11		6	4	

SPECIAL TABLE III

FETAL DEATHS: RESIDENCE, BY BIRTHWEIGHT IN GRAMS, FOR COUNTIES
AND CITIES OF 10,000 POPULATION AND OVER, 1957

County and City	Total	1001 gr or less	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501- & Over	Not Stated
STATE TOTAL	793	150	86	88	102	102	111	52	17	20	65
ADAMS	2				1	1					
ASOTIN	0										
BENTON	21	10			2	5	3			1	
Kennewick	5	1			2	1	1				
Richland	6					3	2			1	
CHELAN	10		1	1	4		3	1			
Wenatchee	3		1				2				
CLALLAM	8	1		1	1	1	1	2			1
Port Angeles	4	1		1	1			1			
CLARK	13	2	1			7	1	1		1	
Vancouver	7	2				3		1		1	
COLUMBIA	0										
COWLITZ	8	1	1	1	1		1	1		2	
Longview	3				1			1		1	
DOUGLAS	1		1								
FERRY	2						2				
FRANKLIN	8	1	1	1		2	1		2		
Pasco	6	1	1	1		1	1		1		
GARFIELD	0										
GRANT	17	9	1			3	4				
Moses Lake	3	2				1					
GRAYS HARBOR	14	1	3	1	2	3	2	1			1
Aberdeen	7	1	3	1		1	1				
Hoquiam	3					1	1				1
ISLAND	8		1	2	1		2	2			
JEFFERSON	3	1				1					1
KING	287	56	36	43	41	32	30	18	5	4	22
Bellevue	5	2		1			2				
Renton	10	1	4	1	2	1				1	
Seattle	184	38	22	30	24	20	19	9	2	3	17

SPECIAL TABLE III
(Cont'd)

County and City	Total	1001 gr or less	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501- & Over	Not Stated
KITSAP	28	2		1	3	8	7	2		1	4
Bremerton	12	1		1	2	4	2	1			1
KITTITAS	4		1	1	1						1
KLICKITAT	4	1				1		1		1	
LEWIS	11	1	2	1		1	4	1			1
LINCOLN	3	2						1			
MASON	2					1	1				
OKANOGAN	5	2				1	2				
PACIFIC	5	3					1			1	
PEND OREILLE	0										
PIERCE	86	18	8	8	14	12	13	5	1	1	6
Puyallup	1				1						
Tacoma	56	13	4	6	8	6	10	3		1	5
SAN JUAN	0										
SKAGIT	17	2	2	2	2	2	2	3		1	1
AMANIA	3						1				2
BENOHOMISH	43	8	7	4	11	2	5	1	3	1	1
Everett	14	2	2	1	5	2		1			1
SPOKANE	77	16	6	5	9	6	10	9	1	2	13
Spokane	57	12	5	4	7	5	7	8		1	8
STEVENS	15	2	3	3	1		2	1	1	1	1
THURSTON	14	3	4	1		1	4				1
Olympia	4		2	1			1				
WAHKIAKUM	2						2				
WALLA WALLA	12	2	1	3		4	1				1
Walla Walla	7	1		2		3	1				
WHATCOM	15		1	3	1	3		1	2		4
Bellingham	7		1		1	2			1		2
WHITMAN	2	1								1	
Pullman	0										
YAKIMA	43	5	5	6	7	5	6	1	2	2	4
Yakima	8		2	1	1		3	1			

SPECIAL TABLE IV

PERINATAL MORTALITY: BY BIRTHWEIGHT IN GRAMS FOR COUNTIES AND CITIES
OF 10,000 POPULATION AND OVER, 1957

County and City	Total	1000gr & Und.	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4500- & Over	Weight N. S.
STATE TOTAL	1,797	426	270	263	198	187	182	103	33	28	107
ADAMS	5			1	1	2	1				
ASOTIN	3			1	1	1					
BENTON	39	14	3	1	7	5	6	1		1	1
Kennewick	13	3	1	1	3	1	3				1
Richland	13	2			3	3	3	1		1	
CHELAN	20	1	4	1	5	2	4	1		1	1
Wenatchee	7		3			2	2				
CLALLAM	28	5	1	8	4	2	3	2	2		1
Port Angeles	12	2		5	2		2	1			
CLARK	33	7	2	3	3	7	3	6	1	1	
Vancouver	14	2		2	1	3	2	3		1	
COLUMBIA	3	1	1	1							
COWLITZ	24	7	5	2	1	1	2	2		2	2
Longview	9	3	2		1	1		1		1	
DOUGLAS	5		2		2		1				
FERRY	4				1	1	2				
FRANKLIN	16	2	3	1		3	2	1	3		1
Pasco	10	2	2	1		2	1		2		
GARFIELD	5	3		2							
GRANT	39	16	4	3	1	5	7	1	2		
Moses Lake	10	7				1			2		
GRAYS HARBOR	47	7	11	6	6	10	2	4			1
Aberdeen	22	4	7	3	1	5	1	1			
Hoquiam	11	2	3	1	1	2	1				1
ISLAND	12	1	3	2	1		2	2	1		
JEFFERSON	9	3	1		2	2					1
KING	592	160	89	92	70	56	50	32	8	8	27
Bellevue	12	3	1	4	2		2				
Renton	18	4	7	2	3	1				1	
Seattle	387	107	54	62	46	37	33	19	3	6	20

SPECIAL TABLE IV
(Cont'd)

County and City	Total	1000gr & Und.	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501- & Over	Weight N. S.
KITSAP	57	11	5	7	3	10	10	4	1	1	5
Bremerton	26	6	1	4	2	6	4	2			1
KITTITAS	6		1	2	1		1				1
KLICKITAT	6	2		1		1		1		1	
LEWIS	22	3	4	3	1	3	6	1			1
LINCOLN	5	2		2				1			
MASON	5	1	1		1	1	1				
OKANOGAN	15	4	2	2	2	1	3		1		
PACIFIC	10	5	1		1		2			1	
PEND OREILLE	0										
PIERCE	232	60	36	32	26	28	23	12	2	1	12
Puyallup	4		2		2						
Tacoma	136	36	16	21	13	17	16	6	1	1	9
SAN JUAN	0										
KAGIT	25	2	2	6	2	3	2	3		2	3
SKAMANIA	4	1					1				2
SNOHOMISH	98	23	16	20	18	5	9	1	3	2	1
Everett	32	7	2	6	8	3	3	1		1	1
SPOKANE	186	45	29	21	17	13	18	12	1	2	28
Spokane	148	34	25	20	13	12	13	9		1	21
STEVENS	21	4	3	4	1	3	2	1	1	1	1
THURSTON	40	8	8	10		2	4	4			4
Olympia	16	1	6	5		1	1				2
WAHKIAKUM	3						2		1		
WALLA WALLA	28	6	4	8	2	5	1	1			1
Walla Walla	17	5	2	4	1	4	1				
WHATCOM	45	2	11	8	3	5	2	3	2	1	8
Bellingham	19	1	3	2	1	3	1	2	1	1	4
WHITMAN	8	4	1			2				1	
Pullman	1					1					
YAKIMA	97	16	17	13	15	8	10	7	4	2	5
Yakima	31	6	8	2	7		6	1			1

SPECIAL TABLE V

NEONATAL MORTALITY: BY BIRTHWEIGHT IN GRAMS FOR COUNTIES AND CITIES
OF 10,000 POPULATION AND OVER, 1957

County and City	Total	1000gr & Und.	1001 1500	1501 2000	2001 2500	2501 3000	3001 3500	3501 4000	4001 4500	4501 & Over	Weight N. S.
STATE TOTALS	1,131	279	198	194	111	105	96	75	19	9	45
ADAMS	4			1		2	1				
ASOTIN	3			1	1	1					
BENTON	21	5	3	1	5		4	2			1
Kennewick	9	3	1	1	1		2				1
Richland	8	2			3		2	1			
CHELAN	13	1	3		1	3	3			1	1
Wenatchee	4		2			2					
CLALLAM	25	4	2	8	3	1	5		2		
Port Angeles	11	1	1	5	1		3				
CLARK	20	5	1	3	3		2	5	1		
Vancouver	7			2	1		2	2			
LUMBIA	3	1	1	1							
COWLITZ	18	6	5	2		1	1	1			2
Longview	7	3	3			1					
DOUGLAS	4		1		2		1				
FERRY	2				1	1					
FRANKLIN	10	1	4			1	1	1	1		1
Pasco	5	1	2			1			1		
GARFIELD	5	3		2							
GRANT	25	7	4	3	1	2	5	1	2		
Moses Lake	7	5							2		
GRAYS HARBOR	36	6	8	5	5	7	1	4			
Aberdeen	15	3	4	2	1	4		1			
Hoquiam	8	2	3	1	1	1					
ISLAND	5	1	2				1		1		
JEFFERSON	7	2	1		2	1	1				
KING	347	105	55	56	34	35	25	22	5	4	6
Bellevue	7	1	1	3	2						
Renton	10	3	3	1	1	1		1			
Seattle	230	70	33	36	25	26	18	14	1	3	4

SPECIAL TABLE V
(Cont'd)

County and City	Total	1001gr & Und.	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501- & Over	Weight N. S.
KITSAP	34	10	5	8	1	3	3	2	1		1
Bremerton	16	6	1	3		3	2	1			
KITTITAS	3			2			1				
KLICKITAT	3	1		1					1		
LEWIS	12	2	2	3	1	2	2				
LINCOLN	4			2		1	1				
MASON	4	1	1		1			1			
OKANOGAN	11	2	2	2	3		1		1		
PACIFIC	5	2	1		1		1				
PEND OREILLE	1						1				
PIERCE	167	42	30	29	14	17	13	13	1		8
Puyallup	4		3		1						
Tacoma	90	23	13	17	6	11	8	5	1		6
SAN JUAN	0										
AGIT	9			4		1				2	2
SKAMANIA	1	1									
SNOHOMISH	59	15	10	16	7	5	4	1		1	
Everett	19	5		5	3	2	3			1	
SPOKANE	118	29	25	16	10	8	10	5			15
Spokane	98	22	22	16	7	8	7	3			13
STEVENS	7	2		1	1	3					
THURSTON	27	5	4	9	1	1		4			3
Olympia	12	1	4	4		1					2
WAHKIAKUM	1								1		
WALLA WALLA	21	4	5	6	2	2		2			
Walla Walla	10	4	2	2	1	1					
WHATCOM	32	2	10	5	3	2	3	2		1	4
Bellingham	14	1	2	2	1	1	2	2		1	2
WHITMAN	7	3	1			2	1				
Pullman	2					1	1				
YAKIMA	57	11	12	7	8	3	4	9	2		1
Yakima	24	6	6	1	6		3	1			1

SPECIAL TABLE VI

INFANT MORTALITY: BY BIRTHWEIGHT IN GRAMS FOR COUNTIES AND CITIES
OF 10,000 POPULATION AND OVER, 1957

County and City	Total	1000gr & Und.	1001- 1500	1501- 2000	2001- 2500	2501- 3000	3001- 3500	3501- 4000	4001- 4500	4501- &Over	Weight N. S.
STATE TOTALS	1,564	280	205	216	166	204	246	142	42	17	46
ADAMS	7			1		2	2			2	
ASOTIN	4			1	1	2					
BENTON	27	5	3	2	6	2	6	2			1
Kennewick	11	3	1	2	1		3				1
Richland	9	2			3	1	2	1			
CHELAN	17	1	3		1	5	4		1	1	1
Wenatchee	6		2			3	1				
CLALLAM	34	4	2	8	5	3	6	2	4		
Port Angeles	15	1	1	5	1	1	3	2	1		
CLARK	32	5	1	6	5		5	8	1	1	
Lancouver	14			5	2		3	3		1	
COLUMBIA	3	1	1	1							
COWLITZ	32	6	6	2	2	2	7	5			2
Longview	13	3	3			1	3	3			
DOUGLAS	5		1		2		2				
FERRY	4				1	1	2				
FRANKLIN	11	1	4			2	1	1	1		1
Pasco	6	1	2			2			1		
GARFIELD	5	3		2							
GRANT	38	7	4	5	3	6	8	2	2	1	
Moses Lake	13	5		1		1	3	1	2		
GRAYS HARBOR	45	6	9	6	6	8	3	6		1	
Aberdeen	17	3	4	2	1	4	1	1		1	
Hoquiam	14	2	4	2	2	2	1	1			
ISLAND	5	1	2				1		1		
JEFFERSON	9	2	1		2	1	2	1			
KING	467	105	56	63	46	62	74	41	10	4	6
Bellevue	9	1	1	3	2			1	1		
Renton	12	3	3	2	1	1		2			
Seattle	310	70	34	40	36	46	50	23	4	3	4

SPECIAL TABLE VI
(Cont'd)

County and City	Total	1000gr & Und.	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-&Over	Weight N. S.
KITSAP	52	10	5	8	3	6	8	5	6		1
Bremerton	21	6	1	3	2	4	3	2			
KITTITAS	7			2	1		2	1	1		
KLICKITAT	4	1		1				1	1		
LEWIS	15	2	2	3	1	2	4	1			
LINCOLN	4			2		1	1				
MASON	9	1	2		5			1			
OKANOGAN	14	2	2	2	3		2	1	1		1
PACIFIC	8	2	1		1		4				
PEND OREILLE	2						1	1			
PIERCE	235	42	30	30	26	38	38	21	2		8
Puyallup	5		3		2						
Tacoma	130	23	13	17	11	25	24	9	2		6
SAN JUAN	0										
SKAGIT	20			4	2	5	3	2		2	2
WASHEAN	3	1				1	1				
SNOHOMISH	79	15	10	17	8	11	11	4	2	1	
Everett	25	5		6	3	4	4	1	1	1	
SPOKANE	157	30	28	19	12	19	19	12	3		15
Spokane	130	22	24	19	9	18	14	9	2		13
STEVENS	11	2		1	1	4		2	1		
THURSTON	29	5	4	9	1	1	2	4			3
Olympia	13	1	4	4		1	1				2
WAHKIAKUM	1								1		
WALLA WALLA	27	4	5	7	3	3	2	3			
Walla Walla	13	4	2	3	1	1	1	1			
WHATCOM	37	2	10	6	3	3	5	2		2	4
Bellingham	16	1	2	2	1	1	4	2		1	2
WHITMAN	14	3	1		1	3	5			1	
Pullman	5				1	1	3				
YAKIMA	91	11	12	8	15	11	15	13	4	1	1
Yakima	34	6	6	2	9	2	6	1		1	1

SPECIAL TABLE VII

FETAL DEATHS, PERINATAL, NEONATAL AND INFANT MORTALITY, BY RACE,
BY BIRTHWEIGHT IN GRAMS, 1957

Race	Total	1000gr & Und.	1001- 1500	1501- 2000	2001- 2500	2501- 3000	3001- 3500	3501- 4000	4001- 4500	4501- & Over	Weight N. S.
Fetal Deaths	792*	150	86	88	102	102	110	52	17	20	65
White	726	129	81	73	99	94	106	49	15	17	63
Negro	41	18	3	9	1	3	4	1	1	1	
Indian	15			4	2	4		1	1	2	1
Japanese	5	1	2			1		1			
Chinese	1	1									
Other Non-White	4	1		2							1
Perinatal Mortality	1,796*	426	270	263	198	187	181	103	33	28	107
White	1,646	376	251	233	184	173	174	99	28	24	104
Negro	83	35	10	14	8	6	6	1	1	2	
Indian	34	2	3	10	4	5	1	2	3	2	2
Japanese	17	7	6	1		2		1			
Chinese	5	3			1	1					
Other Non-White	11	3		5	1				1		1
Neonatal Mortality	1,131	279	198	194	111	105	96	75	19	9	45
White	1,034	250	183	177	97	99	91	71	16	7	43
Negro	48	17	8	6	8	3	3	1		1	1
Indian	26	2	3	7	4	1	2	3	2	1	1
Japanese	12	6	4	1		1					
Chinese	4	2			1	1					
Other Non-White	7	2		3	1				1		
Infant Mortality	1,564	280	205	216	166	204	246	142	42	17	46
White	1,400	251	188	197	142	182	220	128	35	14	43
Negro	63	17	9	7	8	11	6	3		1	1
Indian	67	2	3	8	13	8	15	9	5	2	2
Japanese	17	6	4	1	1	2	3				
Chinese	5	2			1	1	1				
Other Non-White	12	2	1	3	1		1	2	2		

Excludes One death, Race unknown

SPECIAL TABLE VIII

FETAL DEATHS, PERINATAL, NEONATAL AND INFANT MORTALITY:
BY SEX, BY BIRTHWEIGHT IN GRAMS, 1957

Birthweight in Grams	Fetal Deaths		Perinatal Mortality*****		Neonatal Mortality		Infant Mortality	
	M	F	M	F	M	F	M	F
Total*	420	370	1,013	780	663	467	916	647
1,000 & Under	72	78	207	219	136	143	136	144
1,001 - 1,500	40	46	153	117	118	80	122	83
1,501 - 2,000	45	43	154	109	121	73	130	86
2,001 - 2,500	54	48	109	89	65	46	95	71
2,501 - 3,000	53	49	109	78	64	41	118	86
3,001 - 3,500**	60	51	107*	74	61*	34	147*	98
3,501 - 4,000	33	19	66	37	49	26	96	46
4,001 - 4,500	14	3	29	4	17	2	35	7
4,501 & Over	14	6	20	8	6	3	10	7
Not Stated ***	35	27	59	45	26	19	27	19

* Total does not include three fetal deaths, sex unknown; four perinatal deaths, sex unknown; one neonatal death, sex unknown; one infant death, sex unknown.

** Does not include one perinatal death, sex unknown; one neonatal death, sex unknown; one infant death, sex unknown.

*** Does not include three fetal deaths, sex unknown and three perinatal deaths, sex unknown.

**** Perinatal Mortality includes all fetal deaths of 20 weeks gestation or more and infant deaths at under seven days of age.

Appendix Table I

MARRIAGE LICENSES ISSUED, DIVORCE AND ANNULMENTS GRANTED,
BY COUNTIES, 1957

County	Marriage Licenses Issued**	Divorce & Annulments Granted***	County	Marriage Licenses Issued	Divorce & Annulments Granted
ADAMS	48	16	LINCOLN	62	10
ASOTIN	111	29	MASON	201	38
BENTON	195	148	OKANOGAN	178	71
CHELAN	316	102	PACIFIC	158	43
CLALLAM	230	94	PEND OREILLE	60	12
CLARK	2,015	315	PIERCE	2,932	929
COLUMBIA	73	13	SAN JUAN	18	4
COWLITZ	658	124	SKAGIT	572	140
DOUGLAS	22	36	SKAMANIA	2,932	7
FERRY	18	6	SNOHOMISH	1,430	464*
FRANKLIN	527	68	SPOKANE	1,769	963
GARFIELD	42	4	STEVENS	105	40
GRANT	304	115	THURSTON	736	190
GRAYS HARBOR	522	203	WAHKIAKUM	46	3
ISLAND	129	33	WALLA WALLA	332	117
JEFFERSON	97	31	WHATCOM	905	137
KING	8,031	3,225*	WHITMAN	170	24
KITSAP	739	332	YAKIMA	988	419
KITTITAS	183	42			
KLICKITAT	212	46	STATE TOTAL	28,493	8,701
LEWIS	427	108			

* Data for King and Snohomish Counties represents an estimate based on 4,908 and 706 divorce actions and annulments filed.

** Estimated number of marriages performed based on 34 counties reporting is 27,908.

*** Estimated number of annulments granted based on 36 counties reporting is 104.

The data on marriage and divorce were supplied by the county auditors and county clerks of the various counties. Marriage and divorce records are not maintained in the State vital statistics office.

Appendix Table II

TUBERCULOSIS MORBIDITY SUMMARY, 1957

A. Tuberculosis, Newly Reported Cases By Sex, by Age Group				C. Tuberculosis: Newly Reported Cases: By Reporting Agency	
Age Group	Total	Male	Female	Total	1,537
	1,537	989	548	Private Physicians	146
Under 1	5	3	2	Health Departments	878
1 - 4	53	36	17	Hospitals	285
5 - 14	63	29	34	Tuberculosis Sanatoriums	145
15 - 24	113	59	54	State Mental Institutions	14
25 - 34	192	104	88	Other and Not Stated	69
35 - 44	243	145	98		
45 - 54	319	219	100		
55 - 64	272	204	68		
65 & Over	267	184	83		
Age Unknown	10	6	4		
B. Tuberculosis, Newly Reported Cases: By Sex, By Race				D. Tuberculosis, Newly Reported Cases: By Degree of Activity of Case	
Race	Total	Male	Female	Total	1,537
	1,537	989	548	Active	851
White	1,242	807	435	Probably Active	108
Negro	53	39	14	Probably Inactive	162
Indian	177	98	79	Arrested	10
Japanese	19	11	8	Inactive and Unknown	406
Chinese	7	5	2		
Other	32	25	7		
Not Stated	7	4	3		
E. Tuberculosis, Newly Reported Cases: By Form, By Extent					
Total				1,537	
Pulmonary Tuberculosis:					
Minimal				572	
Moderately Advanced				537	
Far Advanced				206	
Active Primary				63	
Silica Tuberculosis				9	
Not classified as to extent				21	
Non-Pulmonary Tuberculosis				129	

Appendix Table III

TUBERCULOSIS, NEWLY REPORTED CASES: BY SEX, BY RACE, FOR
COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, WITH
RATES PER 100,000 POPULATION, 1957

County and City	Total		Male	Female	White	Negro	Indian	Japan- ese	Chin- ese	Other	Not State
	Number	Rate									
STATE TOTAL	1,537	56.7	989	548	1,242	53	177	19	7	32	7
ADAMS	3	30.0	3		3						
ASOTIN	4	31.3	1	3	2		2				
BENTON	9	13.1	4	5	9						
Kennewick	4	29.2	2	2	4						
Richland	3	11.4	1	2	3						
CHELAN	16	37.1	11	5	16						
Wenatchee	9	54.2	6	3	9						
CLALLAM	18	63.8	8	10	10		7			1	
Port Angeles	4	33.6	1	3	3					1	
RK	28	32.7	16	12	27						1
Vancouver	18	42.9	11	7	18						
COLUMBIA	0										
COWLITZ	21	36.0	13	8	20		1				
Longview	10	42.9	8	2	10						
DOUGLAS	12	82.8	6	6	12						
FERRY	5	116.3	4	1	2		3				
FRANKLIN	13	60.5	10	3	13						
Pasco	11	79.1	8	3	11						
GARFIELD	0										
GRANT	11	23.3	7	4	11						
Moses Lake	4	33.9	4		4						
GRAYS HARBOR	100	176.4	50	50	95		4			1	
Aberdeen	41	200.0	26	15	38		2			1	
Hoquiam	19	169.6	8	11	18		1				
ISLAND	2	14.7		2	1	1					
JEFFERSON	2	23.8	1	1	2						
KING	389	45.6	280	109	304	36	16	15	5	13	
Bellevue	3	27.8	3		3						
Renton	6	35.5	5	1	6						
Seattle	316	55.1	235	81	242	35	12	11	4	12	

Appendix Table III
(Cont'd)

County and City	Total		Male	Female	White	Negro	Indian	Japan- ese	Chin- ese	Other	Not State*
	Number	Rate									
KITSAP	42	53.6	27	15	37		2			3	
Bremerton	17	59.6	13	4	17						
KITTITAS	5	24.4	2	3	5						
KLICKITAT	0										
LEWIS	12	27.6	9	3	12						
LINCOLN	3	27.3	3		3						
MASON	3	19.2	3		3						
OKANOGAN	18	61.6	12	6	11		7				
PACIFIC	8	49.1	4	4	6		2				
PEND OREILLE	2	26.3	2		2						
PIERCE	216	69.5	119	97	194	7	10	1	1	3	
Puyallup	17	151.8	7	10	16		1				
Tacoma	144	91.4	81	63	126	7	8	1	1	1	
SAN JUAN	0										
SKAGIT	32	64.4	17	15	27		3				2
MANIA	2	37.7	2		2						
SNOHOMISH	89	66.1	45	44	82		3	1		1	2
Everett	27	77.6	13	14	25		1				1
SPOKANE	86	31.4	62	24	79	4	2	1			
Spokane	81	43.0	59	22	74	4	2	1			
STEVENS	2	9.7	2		1		1				
THURSTON	6	12.6	4	2	5			1			
Olympia	1	5.7	1		1						
WAHKIAKUM	1	25.6	1		1						
WALLA WALLA	14	32.6	9	5	13				1		
Walla Walla	12	47.1	8	4	11				1		
WHATCOM	44	60.2	23	21	31		12			1	
Bellingham	22	59.9	15	7	20		2				
WHITMAN	4	12.7	2	2	3						1
Pullman	3	26.1	2	1	2						1
YAKIMA	176	119.3	117	59	140	4	30			2	
Yakima	57	129.8	38	19	50	4	2			1	
NON-RESIDENTS	139		110	29	58	1	72			7	1

