

Vital Statistics

Summary

1954

WASHINGTON STATE DEPARTMENT OF HEALTH
OLYMPIA, WASHINGTON

WASHINGTON VITAL STATISTICS SUMMARY

1954

WASHINGTON STATE DEPARTMENT OF HEALTH

PUBLIC HEALTH STATISTICS SECTION

Olympia

Arthur B. Langlie
Governor

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

January, 1956


The Honorable Arthur B. Langlie
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 1954.

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

Data on livebirths, deaths, and fetal deaths (stillbirths) are presented in this report for the calendar year 1954. In addition, 1954 estimated population figures are included. Data are reported for the state as a whole, each county and each city of 10,000 or more population.

Certain additional data, including data for cities of 2500 to 10,000 population are available in unpublished form in the files of the Public Health Statistics Section.

Vital statistics data included in this report are identified either as residence 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 persons involved. In general, data on a residence basis are the most useful.

Data for the 1954 vital events which did not occur in Washington to residents are as follows:

	Livebirths	Fetal Deaths	Deaths
Vital events occurring in Washington to non-residents	3,252	26	831
Vital events occurring to Washington residents outside the State	1,006		654

It can be observed that 1954 vital events occurring in this state to out-of-state residents were higher than vital events occurring among Washington residents outside the state.

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Table 1

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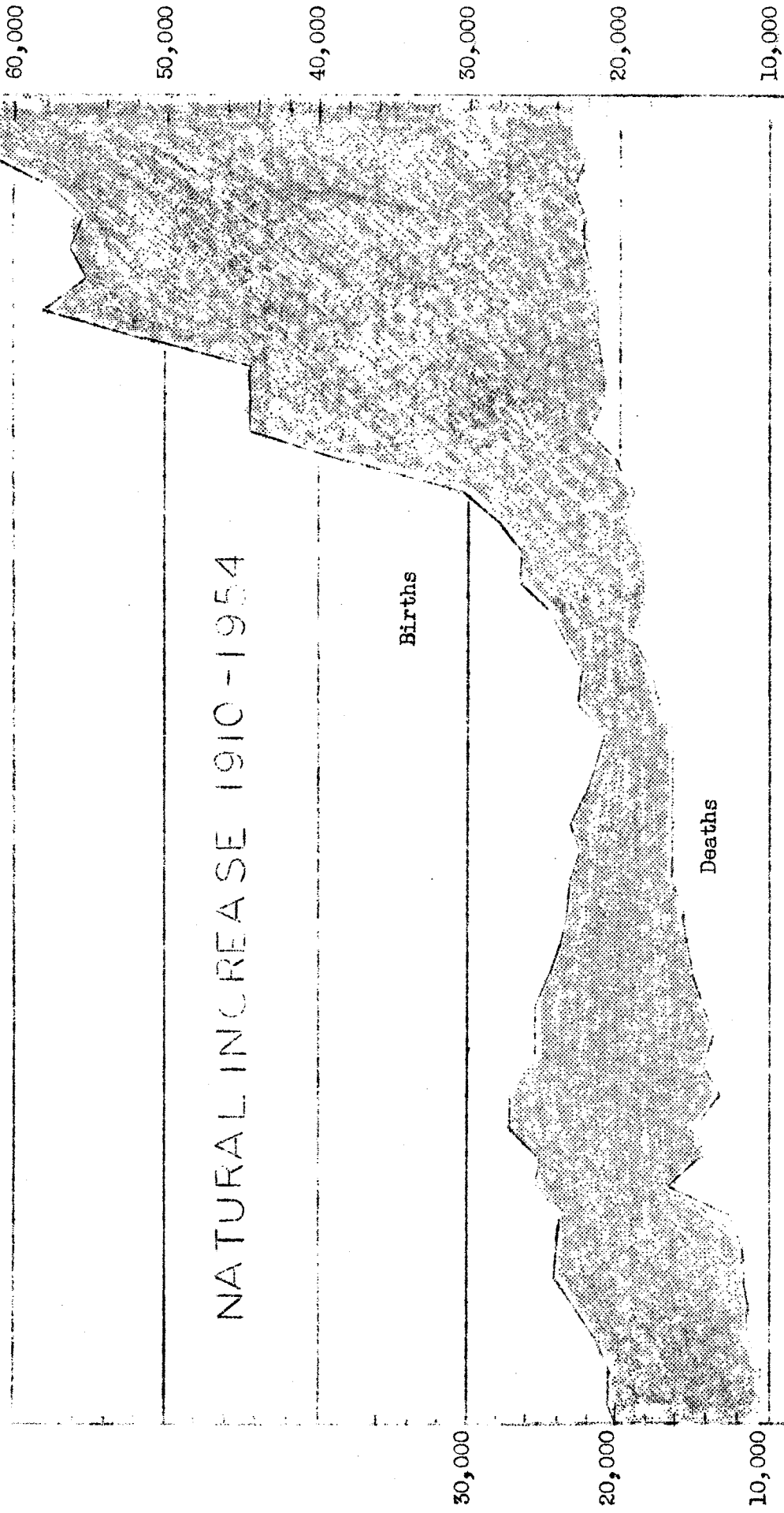
SUMMARY OF THE NUMBER OF LIVEBIRTHS, DEATHS, DEATHS OF INFANTS UNDER ONE
YEAR OF AGE, MATERNAL DEATHS, AND FETAL DEATHS, WITH RATES
STATE OF WASHINGTON, 1910 - 1954

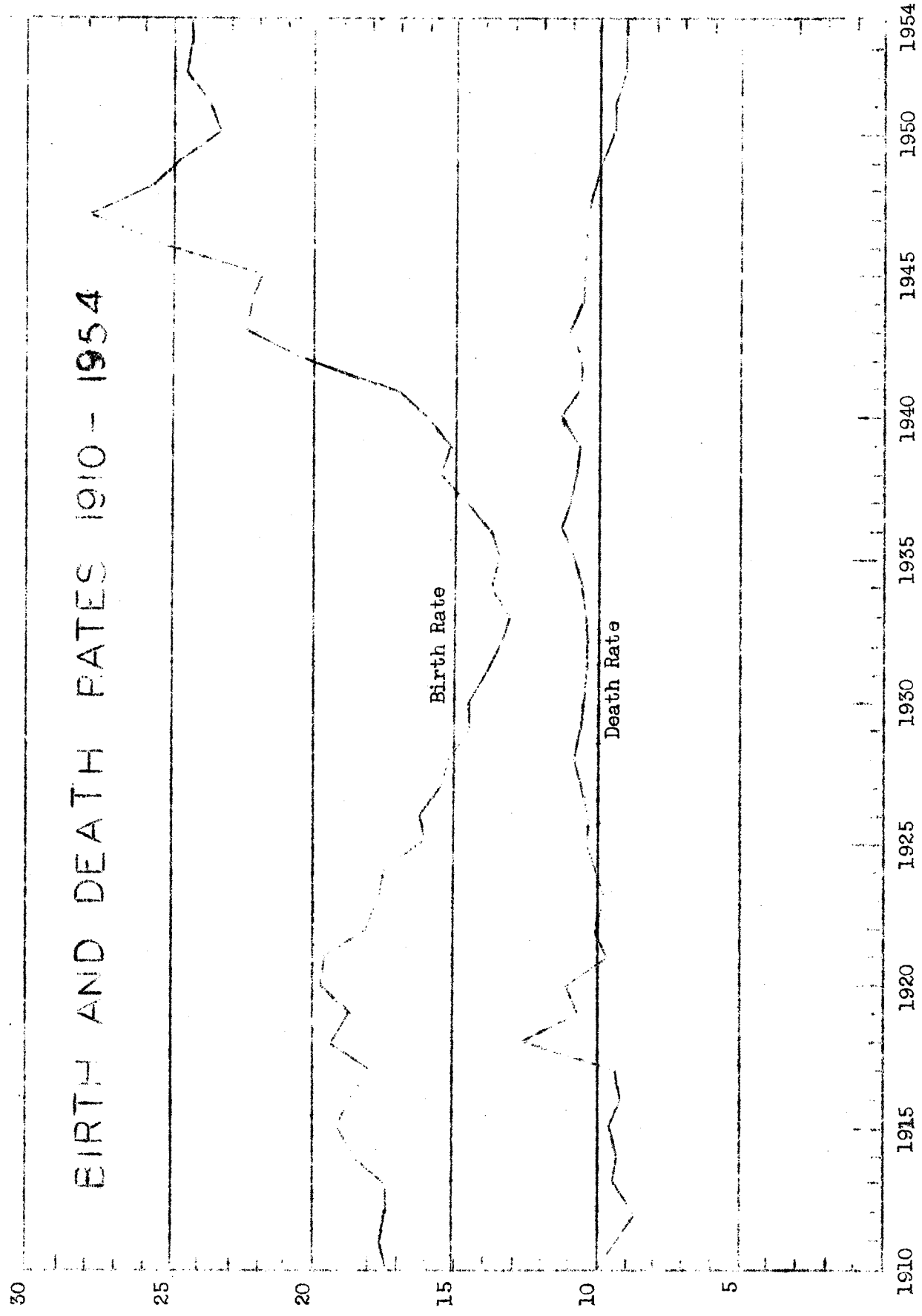
Year	Population	Livebirths		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
		Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1910	1,146,600	19,916	17.4	11,502	10.0	1,862	93.5	194	97.4	705	35.4
1911	1,168,600	20,728	17.7	10,845	9.3	1,531	73.9	177	85.4	699	33.7
1912	1,190,700	20,683	17.4	10,187	8.6	1,365	66.0	179	86.5	724	35.0
1913	1,212,900	21,200	17.5	11,397	9.4	1,566	73.9	178	84.0	688	32.5
1914	1,235,200	23,008	18.6	12,448	9.3	1,540	66.9	152	66.1	783	34.0
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

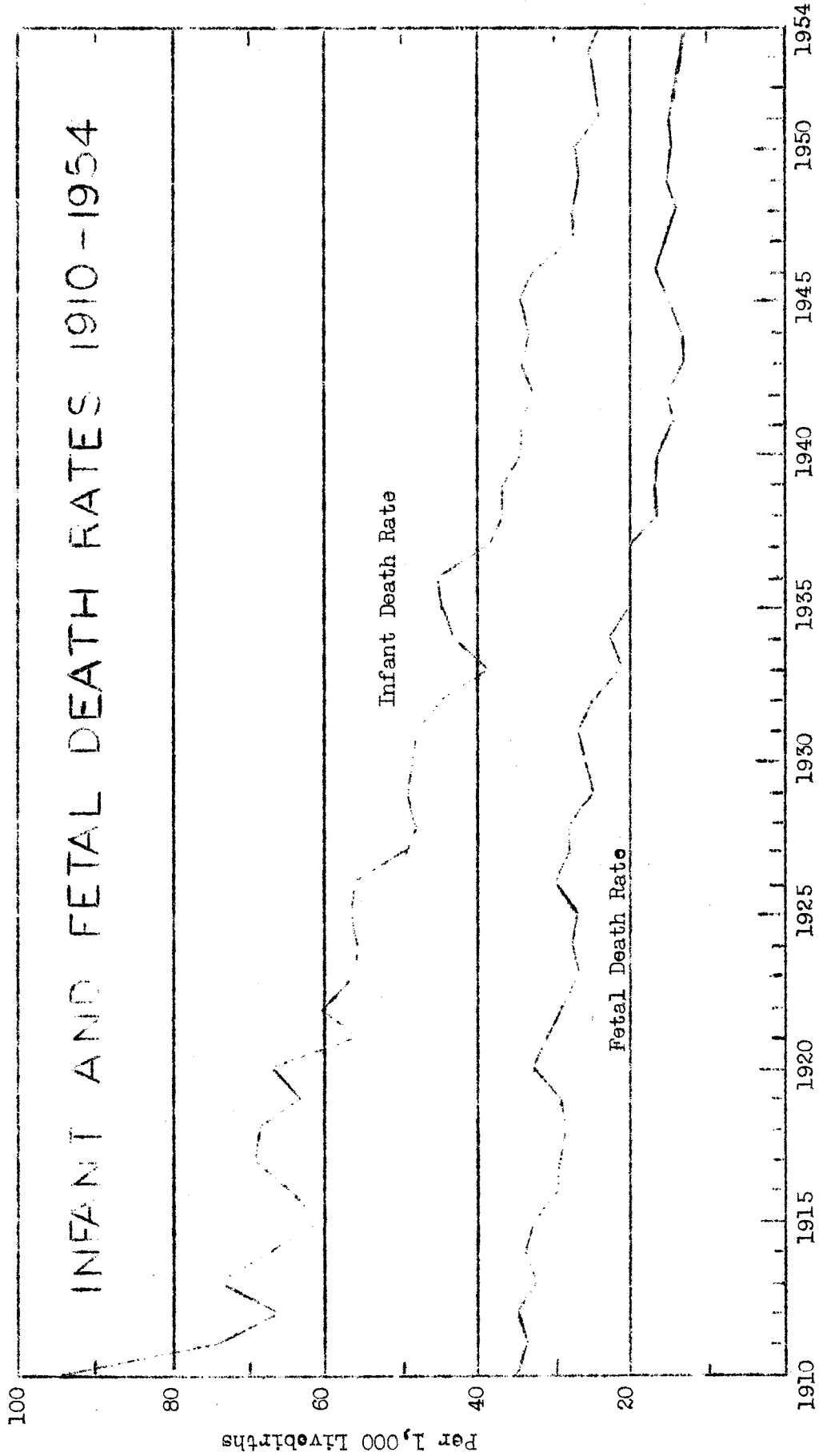
* Per 1,000 population ** Per 1,000 livebirths *** Per 10,000 livebirths

The data in this table has been revised from similar tables for preceding years. 1933 and prior are occurrence figures, also infant mortality 1938 and fetal deaths 1935 - 1938, all others are residence figures.

NATURAL INCREASE 1910-1954







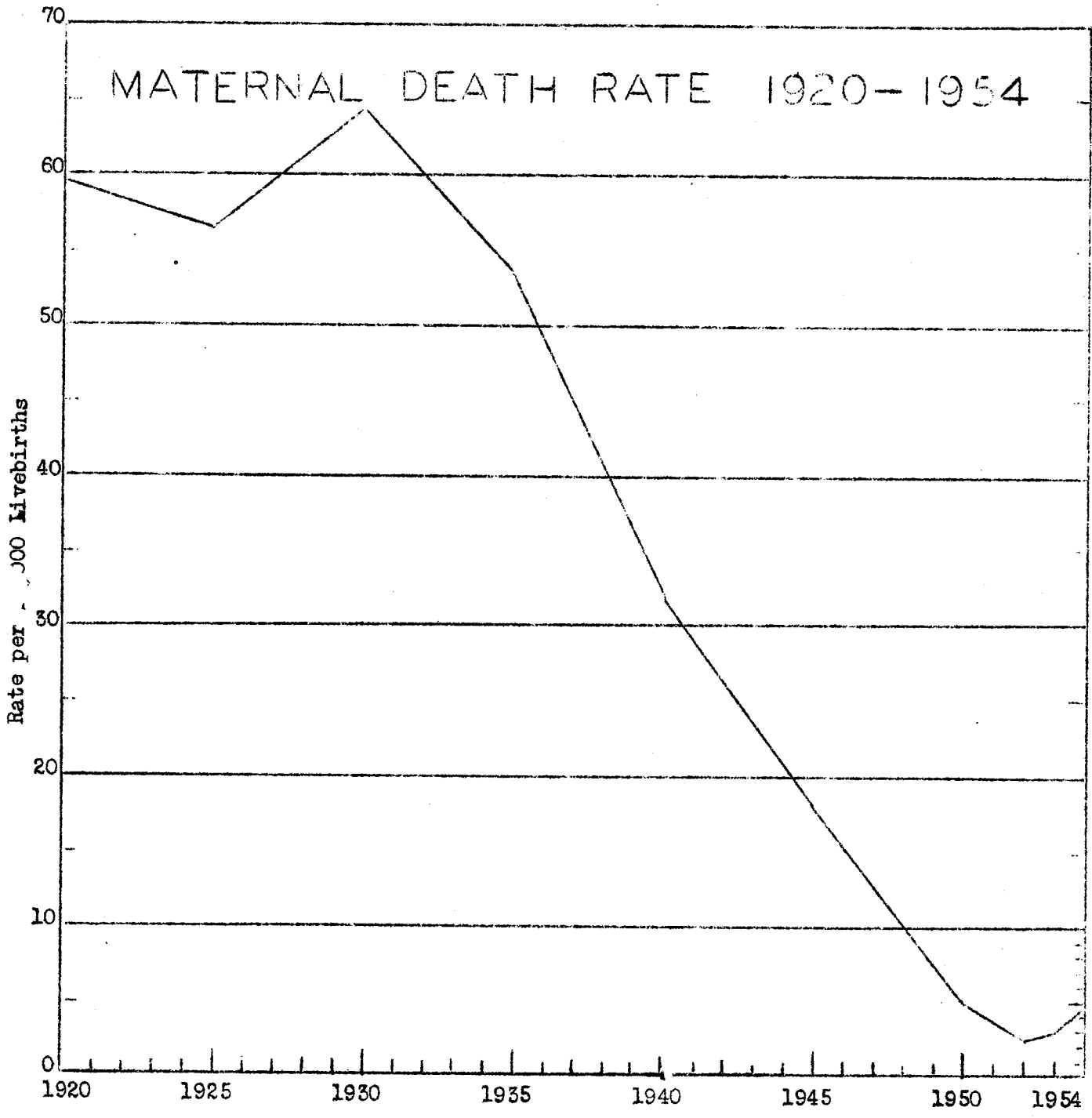


Table 2

ESTIMATES OF THE POPULATION OF THE STATE OF WASHINGTON BY COUNTIES
AND CITIES OF 10,000 AND OVER, JULY 1, 1954

ADAMS		8,700	MASON		15,400
ASOTIN		11,800	OKANOGAN		29,800
BENTON		63,800	PACIFIC		16,700
Kennewick	12,800		PEND OREILLE		8,300
Richland*	28,500		PIERCE		298,100
CHELAN		41,500	Puyallup	10,500	
Wenatchee	15,900		Tacoma	154,600	
CLALLAM		27,400	SAN JUAN		3,200
Port Angeles	11,700		SKAGIT		44,800
CLARK		85,200	SKAMANIA		5,200
Vancouver	41,600		SNOHOMISH		130,000
COLUMBIA		4,900	Everett	33,900	
COWLITZ		58,900	SPOKANE		252,400
Longview	23,400		Spokane	179,000	
DOUGLAS		12,900	STEVENS		19,900
FERRY		4,300	THURSTON		47,200
FRANKLIN		20,200	Olympia	17,000	
Pasco	13,900		WAHKIAKUM		4,000
GARFIELD		3,200	WALLA WALLA		42,200
GRANT		34,900	Walla Walla	25,400	
GRAYS HARBOR		55,600	WHATCOM		69,200
Aberdeen	20,200		Bellingham	35,300	
Hoquiam	11,200		WHITMAN		31,900
ISLAND		12,900	Pullman	11,600	
JEFFERSON		9,700	YAKIMA		144,100
KING		771,100	Yakima	40,900	
Renton	16,900		STATE TOTAL		2,566,000
Seattle	549,100				
KITSAP		86,400			
Bremerton	33,200				
KITTITAS		22,000			
KLICKITAT		12,600			
LEWIS		44,300			
LINCOLN		11,300			

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, 1954 projected to July 1, 1954. The population estimates for the counties are independently derived by the Public Health Statistics Section of the State Department of Health.

* Unincorporated

NATALITY

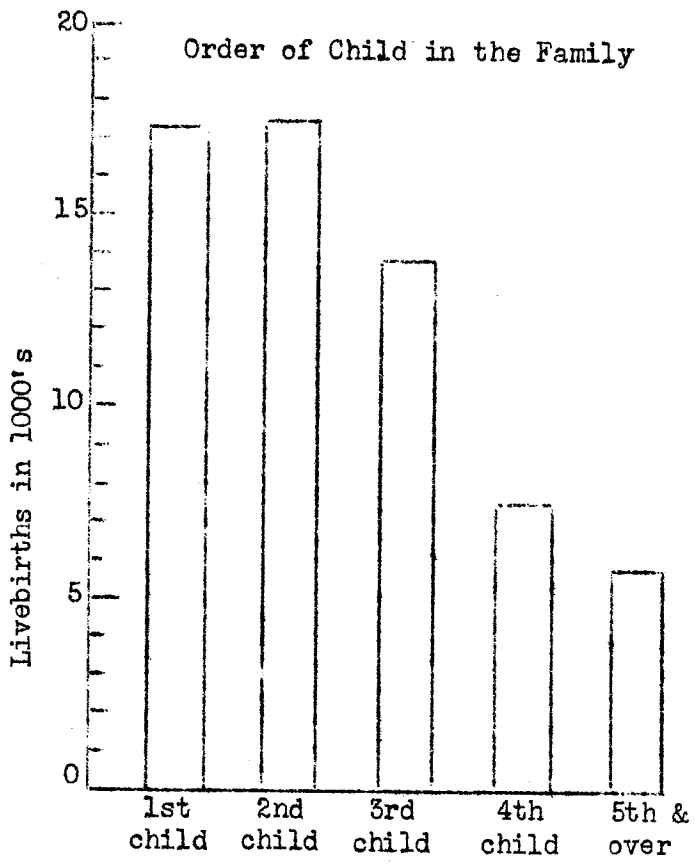
Livebirths

Washington livebirths in 1954 were numerically the largest this state has ever known, with 64,949 births occurring in the state and 62,703 births to Washington residents. The resident birth rate of 24.4 is the same as the rate for 1953, and higher than 1950 and 1951. Table 1 gives births from 1910 through 1954, with rates per 1,000 population. These data are presented graphically on pages 3 and 4. It can be observed that in general the trend has been upward, although a downward trend prevailed in the 1920's and early 1930's, resulting in the low rate of 12.9 in 1933.

Counties showing the highest resident birth rates for 1954 (all those over 30.0) were Island, 37.8; Grant, 37.0; Benton, 32.4; and Klickitat, 30.4. Counties showing the lowest rates (all those under 20.0) were San Juan, 12.8 and Kittitas, 19.0. Resident and occurrence births for 1954, with rates per 1,000 population are given in Table 4, page 12.

Of the total resident births, 95.6% were classified as white; 1.8% as Negro; 1.4% as Indian; and the balance Oriental or other. County data by race are given in Table 5, Page 14.

Of the births by residence, 99.1% were born in hospitals, maternity homes, or other institutions. Resident and occurrence data by place of birth are given in Table 7, page 18.



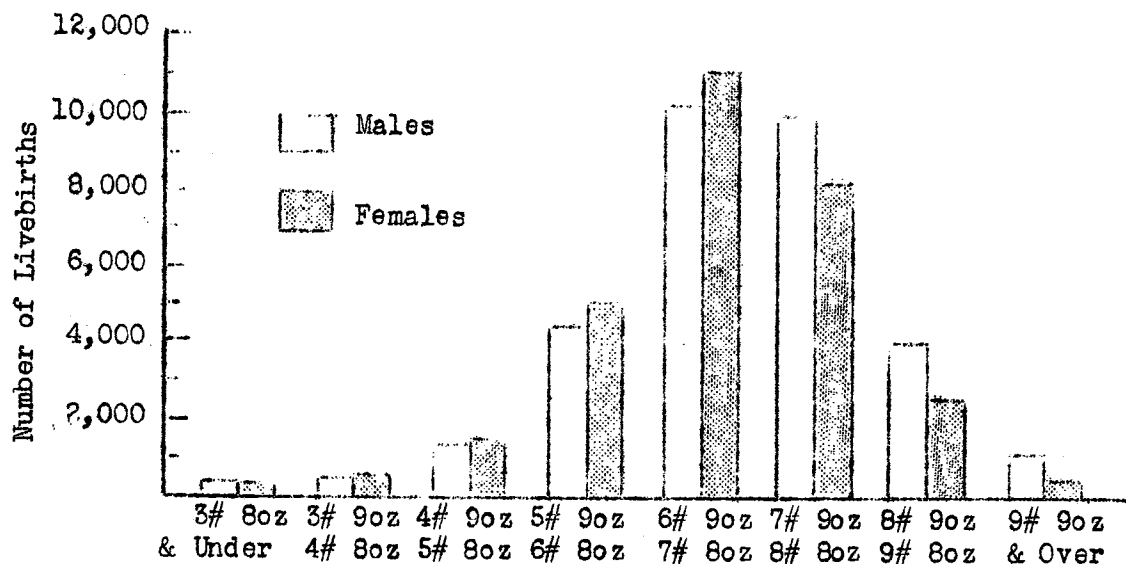
The sex ratio in residence livebirths was 104.6 males for every 100 females. More births were the second child of the family than the first, 27.8% of the resident livebirths were the second, 27.7% the first, and 22.0 the third child. The order of child in the family is illustrated in the chart at the left, and is presented in tabulated form in the Birth Summary Table, page 10.

A total of 646 sets of twins were born in 1954, 617 full sets and 29 sets with one child a fetal death. In addition 7 full sets of triplets were born and one set with one stillbirth. The county and city breakdown on multiple births is given in Table 9, page 22.

The median age of mothers in 1954 was 25 years, although the greatest percentage of births occurred in the 20 - 24 age group.

Resident illegitimate livebirths were 21.7 per 1000 resident livebirths, and occurrence illegitimate livebirths were 20.3 per 1000 occurrence livebirths. Table 9, page 22, contains data on illegitimate livebirths by county and city of residence and occurrence.

Weight Distribution of Livebirths, Each Sex, 1954



Male infants weighed more at birth than female infants; the median weight for males being 7# 7 oz. compared to 7# 3 oz. for the female births. The above graph shows weight distribution by sex. Defining immaturity as infants weighing five and one-half pounds or less at birth, there were 4,371 immature livebirths, or 7.0% of the total resident livebirths. Tables 9, 10 and 11, pages 22, 24 and 26, give data by county and city on immaturity.

Pages 10 through 29 contain data on livebirths for Washington for 1954.

Fetal Deaths (Stillbirths)

For each 1000 resident livebirths in 1954 there were an additional 13.2 fetal deaths, a total of 829 resident fetal deaths. In addition to the 64,949 livebirths occurring in Washington, 855 fetal deaths were also recorded, a ratio of 13.1 per 1000 livebirths. For purposes of Washington vital statistics registration, a fetal death is defined as a delivery, after at least twenty weeks gestation, in which the fetus shows no evidence of life.

Among the causes of fetal deaths, placental and cord conditions accounted for 45.8% of all resident fetal deaths. Table 15, page 32, gives further data on resident fetal deaths by causes. There were 117.6 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 1000 livebirths, are given in Table 13, page 30.

Table 3

10

BIRTH SUMMARY, 1954

Resident Livebirths by Race and Sex				Resident Livebirths by Age Of Mother			
Race	Total	Male	Female	Age group	Total	Male	Female
Total	62,703	32,060	30,643	Under 15	26	16	10
White	59,953	30,666	29,287	15 - 19	7,456	3,873	3,583
Negro	1,155	577	578	20 - 24	20,689	10,696	9,993
Indian	888	472	416	25 - 29	17,156	8,604	8,552
Japanese	377	201	176	30 - 34	11,088	5,618	5,470
Chinese	117	49	68	35 - 39	4,983	2,586	2,397
Other	213	95	118	40 - 44	1,240	635	605
				45 & over	59	29	30
				Not stated	6	3	3

Livebirths by Place of Birth

	Resident Livebirths	% of Total	Occurrence Livebirths	% of Total
Total	62,703	100.0	64,949	100.0
General Hospitals	61,913	98.7	64,096	98.7
Maternity Homes	240	0.4	274	0.4
Homes	295	0.5	306	0.5
Other and Not Stated	255	0.4	273	0.4

Resident Livebirths by Order of Child in Family

	Number	% of Total	Resident Livebirths by Attendant		
			Total		
Total	62,703	100.0	Total	62,703	100.0
1st child	17,374	27.7	M. D.	61,853	98.6
2nd child	17,432	27.8	Osteopath	675	1.1
3rd child	13,788	22.0	Midwife	17	0.03
4th child	7,475	11.9	Chiropractor	2	0.003
5th child	3,419	5.5	Sanipractor	2	0.003
6th child	1,508	2.4	Other &	154	0.2
7th child	752	1.2	Not Stated		
8th child	381	0.6			
9th child	206	0.3			
10th child or more	255	0.4			
Not Stated	113	0.2			

BIRTH SUMMARY (cont'd)

Livebirths Each Sex by Weight at Birth

	Residence Livebirths			Occurrence Livebirths		
	Total	Male	Female	Total	Male	Female
Total	62,703	32,060	30,643	64,949	33,150	31,799
1# 8oz and Under	123	61	62	127	64	63
1# 9oz - 2# 8oz	254	132	122	267	136	131
2# 9oz - 3# 8oz	386	196	190	415	215	200
3# 9oz - 4# 8oz	838	397	441	880	416	464
4# 9oz - 5# 8oz	2,770	1,281	1,489	2,876	1,324	1,552
5# 9oz - 6# 8oz	10,274	4,472	5,802	10,690	4,656	6,034
6# 9oz - 7# 8oz	21,377	10,178	11,199	19,075	10,573	8,502
7# 9oz - 8# 8oz	18,154	9,988	8,166	22,023	10,352	11,671
8# 9oz - 9# 8oz	6,677	4,112	2,565	6,846	4,208	2,638
9# 9oz - 10# 8oz	1,430	988	442	1,460	1,009	451
10# 9oz & Over	218	163	55	228	169	59
Not Stated	202	92	110	62	28	34

Livebirths, Illegitimate Livebirths, and Fetal Deaths, by Month

	Total Livebirths		Illegitimate Livebirths		Fetal Deaths	
	Residence	Occurrence	Residence	Occurrence	Residence	Occurrence
Total	62,703	64,949	1,365	1,440	829	855
January	4,954	5,090	115	120	70	75
February	4,717	4,853	105	115	73	73
March	5,427	5,606	113	118	71	74
April	5,154	5,316	108	106	55	73
May	5,324	5,489	111	115	83	84
June	5,279	5,658	108	120	64	67
July	5,487	5,517	112	117	65	69
August	5,509	5,704	135	134	72	76
September	5,355	5,588	110	122	79	79
October	5,315	5,520	136	141	58	60
November	4,899	5,097	103	108	67	69
December	5,283	5,511	109	124	72	56

Multiple Births

617 Full Sets of Twins 7 Full sets of Triplets
 29 Sets with one Liveborn 1 Set with 2 Liveborn

Table 4

LIVEBIRTHS BY PLACE OF RESIDENCE, AND BY PLACE OF OCCURRENCE,
FOR THE COUNTIES AND CITIES OF 10,000 AND OVER,
WITH RATES PER 1,000 POPULATION, 1954

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
STATE TOTAL	62,703	24.4	64,949	25.3
ADAMS	231	26.6	103	11.8
ASOTIN	300	25.4	242	20.5
BENTON	2,065	32.4	2,247	35.2
Kennewick	668	52.2	651	50.9
Richland	872	30.6	968	34.0
CHELAN	1,094	26.4	1,301	31.3
Wenatchee	457	28.7	1,044	65.7
CLALLAM	721	26.3	697	25.4
Port Angeles	349	29.8	606	51.8
CLARK	1,988	23.3	2,402	28.2
Vancouver	973	23.4	1,880	45.2
COLUMBIA	99	20.2	110	22.4
COWLITZ	1,555	26.4	1,621	27.5
Longview	789	31.6	1,619	69.2
DOUGLAS	327	25.3	28	2.2
FERRY	126	29.3	66	15.3
FRANKLIN	602	29.8	716	35.4
Pasco	443	31.9	633	45.5
GARFIELD	73	22.8	69	21.6
GRANT	1,293	37.0	1,180	33.8
GRAYS HARBOR	1,202	21.6	1,168	21.0
Aberdeen	387	19.2	1,055	52.2
Hoquiam	229	20.4	1	.1
ISLAND	488	37.8	528	40.9
JEFFERSON	226	23.3	174	17.9
KING	18,832	24.4	19,956	25.9
Renton	630	37.3	1,683	99.6
Seattle	11,655	21.2	17,157	31.2
KITSAP	2,151	24.9	2,170	25.1
Bremerton	1,028	31.0	2,117	63.8
KITTITAS	417	19.0	437	19.9
KLICKITAT	383	30.4	325	25.8
LEWIS	912	20.6	947	21.4
LINCOLN	249	22.0	78	6.9
MASON	393	25.5	343	22.3
OKANOGAN	750	25.2	924	31.0
PACIFIC	337	20.2	335	20.1
PEND OREILLE	193	23.3	199	24.0

Table 4 (cont'd)

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
PIERCE	6,129	20.6	7,940	26.6
Puyallup	268	25.5	584	55.6
Tacoma	3,794	24.5	4,367	28.2
SAN JUAN	41	12.8	8	2.5
SKAGIT	997	22.3	1,006	22.5
SKAMANIA	110	21.2	2	.4
SNOHOMISH	3,218	24.8	2,218	17.1
Everett	350	28.0	1,824	53.8
SPOKANE	6,900	27.3	7,561	30.0
Spokane	5,072	28.3	6,082	34.0
STEVENS	425	21.4	410	20.6
THURSTON	1,004	21.3	350	18.0
Olympia	364	21.4	837	49.2
WAHKIAKUM	81	20.2	1	.2
WALLA WALLA	855	20.3	1,037	24.6
Walla Walla	520	20.5	1,036	40.8
WHATCOM	1,584	22.9	1,547	22.4
Bellingham	791	22.4	1,390	39.4
WHITMAN	680	21.3	516	16.2
Pullman	242	20.9	243	20.9
YAKIMA	3,672	25.5	3,487	24.2
Yakima	1,435	35.1	2,468	60.3

Table 5

LIVEBIRTHS BY COUNTIES AND CITIES OF 10,000 AND OVER, BY RACE, 1954
(allocated to county and city of residence)

County and City	Total	White	Negro	Indian	Japanese	Chinese	Other
STATE TOTAL	62,703	59,953	1,155	888	377	117	213
ADAMS	231	230		1			
ASOTIN	300	297	1	2			
BENTON	2,065	2,049	7	5	4		
Kennewick	668	665		2	1		
Richland	872	867	1	1	3		
CHELAN	1,094	1,086		7	1		
Wenatchee	457	454		3			
CLALLAM	721	673	1	46			2
Port Angeles	349	339	1	9			
CLARK	1,988	1,966	16	5			
Vancouver	973	952	16	4		1	
COLUMBIA	99	99					
COWLITZ	1,555	1,544	4	5	2		
Longview	739	732	3	2	2		
DOUGLAS	327	323	3	1			
FERRY	126	102		24			
FRANKLIN	602	550	48	2	2		
Pasco	443	393	48	1	1		
GARFIELD	73	73					
GRANT	1,293	1,237	27	7	20	1	1
GRAYS HARBOR	1,202	1,161		34	1	2	4
Aberdeen	387	378		5		2	2
Hoquiam	229	228		1			
ISLAND	488	482	4		1		1
JEFFERSON	226	212		12	1		1
KING	18,832	17,577	651	134	250	101	119
Renton	630	614	11	2	3		
Seattle	11,635	10,513	627	91	207	98	99
KITSAP	2,151	2,031	43	40	9	1	27
Bremerton	1,028	981	29	7	3	1	7
KITTITAS	417	414	1			1	1
KLICKITAT	383	368		13	1		1
LEWIS	912	908		4			
LINCOLN	249	247		2			
MASON	393	380		13			
OKANOGAN	75	641		109			
PACIFIC	337	329		6	1	1	
PEND OREILLE	193	185	1	5	1	1	

Table 5 (cont'd)

County and City	Total	White	Negro	Indian	Japanese	Chinese	Other
PIERCE	6,129	5,807	208	63	31	2	18
Puyallup	268	262		4			2
Tacoma	3,794	3,540	190	37	17	1	9
SAN JUAN	41	41					
SKAGIT	997	961	2	32	2		
SKAMANIA	110	110					
SNOHOMISH	3,218	3,174	3	34			7
Everett	950	939	2	6			3
SPOKANE	6,900	6,743	77	33	36	4	7
Spokane	5,072	4,934	73	24	31	4	6
STEVENS	425	404		20	1		
THURSTON	1,004	985		13	5		1
Olympia	364	359		2	2		1
WAHKIAKUM	81	81					
WALLA WALLA	855	850	3	1			1
Walla Walla	520	515	3	1			1
WHATCOM	1,584	1,533		50			1
Bellingham	791	783		8			
WHITMAN	680	678			2		
Pullman	242	241			1		
YAKIMA	3,672	3,422	55	165	6	2	22
Yakima	1,435	1,371	45	13	2	1	3

Table 6

LIVEBIRTHS BY COUNTIES AND CITIES OF 10,000 AND OVER, BY AGE GROUP OF MOTHER, 1954
(allocated to county and city of residence)

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	62,703	26	7,456	20,689	17,156	11,088	4,983	1,240	59	6
ADAMS	231		23	85	59	43	18	3		
ASOTIN	300		34	101	86	46	26	6	1	
BENTON	2,065		233	673	592	373	162	32		
Kennewick	668		95	218	183	107	54	11		
Richland	872		49	264	289	188	71	11		
CHELAN	1,094		159	384	287	165	78	20	1	
Wenatchee	457		63	163	127	68	31	5		
CLALLAM	721	1	93	253	187	118	55	14		
Port Angeles	349		34	119	102	63	25	6		
CLARK	1,988	1	230	589	566	395	163	41	3	
Vancouver	973		111	278	294	198	76	13	3	
COLUMBIA	99		22	27	28	11	10	1		
COWLITZ	1,555	2	214	521	405	269	115	28	1	
Longview	739		85	232	217	140	54	11		
DOUGLAS	327		41	126	81	44	23	11	1	
FERRY	126		15	44	37	15	9	6		
FRANKLIN	602		74	203	150	114	50	11		
Pasco	443		53	160	108	81	33	8		
GARFIELD	73		8	16	19	15	11	4		
GRANT	1,293		201	496	330	176	67	21	2	
GRAYS HARBOR	1,202		171	365	317	213	105	31		
Aberdeen	387		52	107	91	90	36	11		
Hoquiam	229		32	73	65	33	19	7		
ISLAND	488		63	214	108	60	37	5		1
JEFFERSON	226		39	78	57	33	17	2		
KING	18,832	9	1,623	5,652	5,622	3,914	1,627	364	19	2
Renton	630		110	210	152	97	50	11		
Seattle	11,635	5	947	3,594	3,448	2,391	1,002	230	16	2
KITSAP	2,151		269	771	589	318	161	40	2	1
Bremerton	1,028		137	382	280	153	65	10		1
KITTITAS	417		58	132	116	64	33	13	1	
KLICKITAT	383		67	122	105	50	35	3	1	
LEWIS	912		156	308	205	158	68	16	1	
LINCOLN	249		36	86	56	42	20	8	1	
MASON	393		54	147	95	61	30	6		
OKANOGAN	750		112	261	171	124	61	20	1	
PACIFIC	337		51	101	97	52	29	6	1	
END OREILLE	193		31	69	50	23	17	3		

Table 6 (cont'd)

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County and City	Total All Ages	Und 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Age Unk
PIERCE	6,129	2	741	2,048	1,702	1,048	463	120	4	1
Puyallup	268		26	97	76	42	18	9		
Tacoma	3,794	2	453	1,245	1,061	665	294	71	3	
SAN JUAN	41		4	13	6	9	7	2		
SKAGIT	997		148	357	248	145	80	19		
SKAMANIA	110		15	40	24	17	12	2		
SNOHOMISH	3,218	2	463	1,055	882	491	252	70	2	1
Everett	950		150	323	248	136	77	15	1	
SPOKANE	6,900	4	910	2,502	1,723	1,123	510	122	6	
Spokane	5,072	3	685	1,900	1,254	777	362	86	5	
STEVENS	425	1	72	156	80	69	35	10	2	
THURSTON	1,004	1	117	319	287	175	80	24	1	
Olympia	364	1	34	111	105	73	34	5	1	
WAHKIAKUM	81		12	25	22	10	9	3		
WALLA WALLA	855		101	282	249	146	60	16	1	
Walla Walla	520		57	163	163	85	41	10	1	
WHATCOM	1,584		175	568	402	282	125	29	3	
Bellingham	791		87	296	201	131	64	11	1	
WHITMAN	680		59	255	187	108	52	18	1	
Pullman	242		21	89	72	37	15	8		
YAKIMA	3,672	3	562	1,245	929	569	271	90	3	
Yakima	1,435	1	185	491	376	235	111	36		

LIVEBIRTHS BY COUNTY AND CITY OF RESIDENCE AND BY COUNTY AND CITY OF
OCCURRENCE, BY PLACE OF BIRTH, 1954

County and City	Total		General Hospital		Maternity Home		Home		Other & Not Stated	
	Res.	Occ.	Res.	Occ.	Res.	Occ.	Res.	Occ.	Res.	Occ.
STATE TOTAL	62,703	64,949	61,913	64,096	240	274	295	306	255	273
ADAMS	231	103	189	99			3	3	39	1
ASOTIN	300	242	299	241	1			1		
BENTON	2,065	2,247	2,055	2,239			7	7	3	1
Kennewick	668	651	666	649			2	2		
Richland	872	968	871	968					1	
CHELAN	1,094	1,301	1,088	1,300	3		1		2	1
Wenatchee	457	1,044	454	1,044	2		1			
CLALLAM	721	697	712	690	1		6	6	2	1
Port Angeles	349	606	349	606						
CLARK	1,988	2,402	1,982	2,398	1		4	4	1	
Vancouver	973	1,880	970	1,879			2	1	1	
COLUMBIA	99	110	99	110						
COWLITZ	1,555	1,621	1,551	1,618			3	3	1	
Longview	739	1,619	738	1,618			1	1		
DOUGLAS	327	28	326	28	1					
FERRY	126	66	123	64	1				2	2
FRANKLIN	602	716	558	630	2		3	3	39	83
Pasco	443	633	436	630	2		3	3	2	
GARFIELD	73	69	73	69						
GRANT	1,293	1,180	1,281	1,173	5		3	3	4	4
GRAYS HARBOR	1,202	1,168	1,194	1,162	2		5	5	1	1
Aberdeen	387	1,055	386	1,054					1	1
Hoquiam	229	1	228				1	1		
ISLAND	488	528	399	432	82	87		1	7	8
JEFFERSON	226	174	222	172	1		3	2		
KING	18,832	19,956	18,701	19,820	43	40	68	73	20	23
Renton	630	1,683	627	1,683	1		2			
Seattle	11,635	17,157	11,561	17,042	25	40	49	58	9	17
KITSAP	2,151	2,170	2,092	2,115	5		4	4	50	51
Bremerton	1,028	2,117	1,025	2,115	1				2	2
KITTITAS	417	437	414	434			3	3		
KLICKITAT	383	325	382	324					1	1
LEWIS	912	947	902	937			3	3	7	7
LINCOLN	249	78	239	64	7	12	2	2	1	
ASON	393	343	388	339	1		4	4		
OKANOGAN	750	924	733	911	5		11	12	1	1
PACIFIC	337	335	325	323			12	12		
PEND OREILLE	193	199	189	196	1		3	3		

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.
PIERCE	6,129	7,940	6,082	7,854	19	59	22	23	6	4
Puyallup	268	584	268	584						
Tacoma	3,794	4,367	3,772	4,300	13	59	7	7	2	1
SAN JUAN	41	8	33				3	3	5	5
SKAGIT	997	1,006	984	999	5		6	6	2	1
SKAMANIA	110	2	107				3	2		
SNOHOMISH	3,218	2,218	3,194	2,196	4		19	20	1	2
Everett	950	1,824	948	1,822			1	2	1	
SPOKANE	6,900	7,561	6,801	7,408	36	74	16	17	47	62
Spokane	5,072	6,082	5,014	5,993	26	66	10	11	22	12
STEVENS	425	410	421	408	1		2	2	1	
THURSTON	1,004	850	975	827	5		20	19	4	4
Olympia	364	837	353	827	3		7	7	1	3
WAHKIAKUM	81	1	81					1		
WALLA WALLA \	855	1,037	854	1,035			1	2		
Walla Walla	520	1,036	519	1,035			1	1		
WHATCOM	1,584	1,547	1,578	1,542			6	5		
Bellingham	791	1,390	789	1,389			2	1		
WHITMAN	680	516	669	499		2	4	7	7	8
Pullman	242	243	242	243						
YAKIMA	3,672	3,487	3,618	3,440	8		45	45	1	2
Yakima	1,435	2,468	1,426	2,464	5		4	3		1

Table 8

LIVEBIRTHS BY COUNTIES AND CITIES OF 10,000 AND OVER, BY MONTHS, 1954
(allocated to county and city of residence)

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	62,703	4,954	4,717	5,427	5,154	5,324	5,279	5,487	5,509	5,355	5,315	4,899	5,283
ADAMS	231	16	14	19	17	20	26	20	27	17	22	20	13
ASOTIN	300	21	38	24	24	25	27	20	21	32	29	22	17
BENTON	2,065	159	177	175	167	168	188	190	178	197	168	144	154
Kennewick	668	48	57	62	51	60	64	54	58	65	50	55	44
Richland	872	61	73	74	63	66	81	84	68	91	75	63	73
CHELAN	1,094	92	96	86	89	75	90	93	104	102	92	75	100
Wenatchee	457	40	39	43	38	34	39	33	46	41	36	25	43
CIALLAM	721	60	45	63	58	65	55	69	63	64	59	50	70
Port Angeles	349	28	24	27	27	31	24	36	35	30	30	28	29
CLARK	1,988	146	146	173	173	149	149	177	193	175	164	177	166
Vancouver	973	70	64	80	85	84	69	93	97	96	90	73	72
COLUMBIA	99	6	6	6	8	8	12	12	9	14	4	7	7
COWLITZ	1,555	136	116	141	137	134	127	124	140	120	151	126	103
Longview	739	65	58	68	62	72	50	64	63	67	59	60	51
DOUGLAS	327	22	35	23	21	35	26	28	30	22	31	24	30
FERRY	126	14	10	8	13	9	11	10	12	11	9	8	11
FRANKLIN	602	47	38	57	46	51	38	58	50	61	50	49	57
Pasco	443	30	30	38	34	38	33	36	39	48	34	40	43
GARFIELD	73	2	7	7	4	3	7	6	6	6	13	6	6
GRANT	1,293	196	81	104	107	107	121	123	118	108	121	96	101
GRAYS HARBOR	1,202	91	94	107	94	116	113	91	114	94	84	99	105
Aberdeen	387	30	31	37	33	34	43	29	32	23	28	32	35
Hoquiam	229	17	20	20	20	23	17	22	20	17	15	17	21
ISLAND	488	38	38	34	43	56	48	44	39	42	34	37	35
JEFFERSON	226	11	19	22	23	16	19	13	21	23	19	21	19
KING	18,832	1,468	1,361	1,682	1,550	1,606	1,573	1,611	1,674	1,591	1,625	1,506	1,585
Renton	630	56	48	78	62	62	66	46	67	48	36	34	33
Seattle	11,635	869	819	1,048	962	988	969	994	1,022	1,046	991	924	1,003
KITSAP	2,151	167	194	214	176	195	164	189	193	181	169	142	167
Bremerton	1,028	82	92	104	89	78	70	98	98	87	76	75	79
KITTITAS	417	35	35	37	36	42	24	43	26	42	40	25	32

Table 8 (cont'd)

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
KLICKITAT	383	32	39	22	30	33	25	22	38	38	34	30	40
LEWIS	912	69	66	71	70	78	75	86	69	86	84	75	83
LINCOLN	249	26	14	20	19	22	26	24	19	26	17	15	21
MASON	393	37	36	33	35	35	38	29	31	25	29	34	31
OKANOGAN	750	56	55	53	58	64	74	75	69	62	47	64	73
PACIFIC	337	34	24	26	22	39	36	29	26	25	26	20	30
PEND OREILLE	193	15	18	15	13	23	13	11	24	16	12	18	15
PIERCE	6,129	473	473	565	520	494	510	536	514	481	532	514	517
Puyallup	268	14	17	26	28	22	20	26	30	20	24	22	19
Tacoma	3,794	293	309	345	308	290	295	327	317	348	360	299	303
SAN JUAN	41	6	2	2	2	2	6	5	6	2	2	3	3
SKAGIT	997	91	65	84	89	75	86	101	79	81	83	82	81
SKAMANIA	110	12	7	8	11	6	10	8	6	16	6	11	9
SNOHOMISH	3,218	212	233	289	244	271	277	288	266	293	283	257	305
Everett	950	67	61	101	72	84	73	97	62	95	81	73	84
SPOKANE	6,900	581	514	552	530	581	614	621	591	570	583	549	614
Spokane	5,072	421	377	403	400	418	467	447	422	438	436	384	459
STEVENSON	425	34	42	32	40	41	27	38	39	37	34	32	29
THURSTON	1,004	89	71	79	99	74	81	87	101	79	84	75	85
Olympia	361	34	27	36	35	18	32	36	29	27	33	17	40
WAHKLAKUM	81	12	7	3	11	5	8	6	5	6	7	5	6
WALLA WALLA	855	68	66	64	64	77	72	84	73	79	71	73	64
Walla Walla	520	49	46	38	33	43	46	52	37	51	42	41	42
WHATCOM	1,584	128	124	148	140	166	118	133	117	148	121	109	132
Bellingham	791	72	53	69	80	82	63	74	60	67	51	60	60
WHITMAN	680	56	48	59	64	49	63	47	62	54	69	57	52
Pullman	242	26	20	14	25	14	21	18	21	20	24	18	21
YAKIMA	3,672	286	263	320	307	309	302	336	356	329	307	242	315
Yakima	1,435	111	116	139	111	121	108	124	125	127	123	98	132

MULTIPLE BIRTHS BY PLACE OF RESIDENCE, ILLEGITIMATE BIRTHS BY PLACE OF RESIDENCE AND BY PLACE OF OCCURRENCE, AND IMMATURE BIRTHS BY PLACE OF RESIDENCE WITH PERCENT OF TOTAL LIVEBIRTHS, 1954

County and City	Sets of Twins		Sets of Triplets 3 Live-born	Illegitimate Livebirths		Immature Livebirths*	
	2 Live-born	1 Live-born		Res.	Occ.	Number	Percent
STATE TOTAL	617	29	8	1,365	1,440	4,371	7.0
ADAMS	1			6	3	15	6.5
ASOTIN	2	1		3	2	16	5.3
BENTON	17	2	1**	15	14	117	5.7
Kennewick	6			6	4	39	5.8
Richland	6	1	1**	4	3	47	5.4
CHELAN	16		1	15	11	91	8.3
Wenatchee	5			5	8	42	9.2
CLALLAM	2			16	15	46	6.4
Port Angeles				5	8	20	5.7
CLARK	24	1		32	32	99	5.0
Vancouver	11	1		22	30	47	4.8
COLUMBIA	1			2	3	9	9.1
COWLITZ	14	1		30	19	99	6.4
Longview	11			9	19	50	6.8
DOUGLAS	3			3		30	9.2
FERRY						8	6.3
FRANKLIN	3			10	11	35	5.8
Pasco	3			8	7	26	5.9
GARFIELD				1	1	9	12.3
GRANT	7			13	8	95	7.3
GRAYS HARBOR	18			14	13	78	6.5
Aberdeen	1			4	12	27	7.0
Hoquiam	2			1		15	6.6
ISLAND	3	1		3	1	25	5.1
JEFFERSON	4			5	3	25	11.1
KING	177	13	2	538	631	1,342	7.1
Renton	9			4	8	47	7.5
Seattle	107	7	2	422	611	835	7.2
KITSAP	28			46	35	164	7.6
Bremerton	15			24	34	79	7.7
KITTITAS	7			8	8	37	8.9
KLICKITAT	2			6	6	29	7.6
LEWIS	8			14	9	57	6.2
LINCOLN	1			2		26	10.4
MASON	5			9	5	34	8.7
OKANOGAN	10	1		19	24	54	7.2
PACIFIC	4			6	5	17	5.0
PEND OREILLE	2			6	4	14	7.3

Table 9 (cont'd)

County and City	Sets of Twins		Sets of Triplets	Illegitimate Livebirths		Immature Livebirths*	
	2 Live-born	1 Live-born	3 Live-born	Res.	Occ.	Number	Percent
PIERCE	64	3	2	158	200	445	7.3
Puyallup	5			4	3	25	9.3
Tacoma	33	3	2	117	191	272	7.2
SAN JUAN						2	4.9
SKAGIT	9			22	11	88	8.8
SKAMANIA	1			1		5	4.5
SNOHOMISH	28	1		44	40	214	6.7
Everett	11	1		18	34	71	7.5
SPOKANE	77	2	1	145	189	518	7.5
Spokane	61	2	1	126	187	400	7.9
STEVENS	4			10	4	29	6.8
THURSTON	10			16	13	73	7.3
Olympia	4			8	13	23	6.3
WAHKIAKUM				1		3	3.7
WALLA WALLA	8			18	17	47	5.5
Walla Walla	5			15	17	33	6.3
WHATCOM	12			33	23	82	5.2
Bellingham	7			18	12	52	6.6
WHITMAN	8			5	7	37	5.4
Pullman	1			2	4	9	3.7
YAKIMA	37	3	1	90	73	257	7.0
Yakima	10	3		42	51	98	6.8

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

** 1 stillborn

Table 10

TOTAL LIVEBIRTHS EACH SEX, MATURE AND IMMATURE LIVEBIRTHS EACH SEX,
BY COUNTIES AND CITIES OF 10,000 AND OVER, 1954
(allocated to county and city of residence)

County and City	Total Livebirths		Mature Livebirths Over 5½lbs		Immature Livebirths 5½lbs & Under		Weight Unknown	
	M	F	M	F	M	F	M	F
	STATE TOTAL	32,060	30,643	29,901	28,229	2,067	2,304	92
ADAMS	128	103	119	96	9	6		1
ASOTIN	144	156	112	113	10	6	22	37
BENTON	1,043	1,022	990	956	52	65	1	1
Kennewick	360	308	343	286	17	22		
Richland	415	457	390	433	24	23	1	1
CHELAN	582	512	537	464	44	47	1	1
Wenatchee	236	221	217	197	19	23		1
CLALLAM	366	355	341	326	22	24	3	5
Port Angeles	176	173	168	158	7	13	1	2
CLARK	1,006	982	954	931	49	50	3	1
Vancouver	485	488	458	465	25	22	2	1
COLUMBIA	55	44	52	38	3	6		
COWLITZ	806	749	759	697	47	52		
Longview	389	350	366	323	23	27		
DOUGLAS	175	152	160	137	15	15		
FERRY	56	70	51	65	5	3		2
FRANKLIN	322	280	301	265	21	14		1
Pasco	232	211	214	203	18	8		
GARFIELD	33	40	30	33	3	6		1
GRANT	631	662	585	610	43	52	3	
GRAYS HARBOR	595	607	564	558	30	48	1	1
Aberdeen	193	194	182	178	11	16		
Hoquiam	109	120	102	112	7	8		
ISLAND	251	237	239	224	12	13		
JEFFERSON	119	107	104	95	14	11	1	1
KING	9,549	9,283	8,925	8,545	614	728	10	10
Renton	298	332	272	309	25	22	1	1
Seattle	5,919	5,716	5,530	5,257	384	451	5	8
KITSAP	1,121	1,030	1,037	946	83	81	1	3
Bremerton	541	487	500	446	41	38		3
KITTITAS	215	202	195	185	20	17		
KLICKITAT	209	174	193	160	16	13		1
LEWIS	470	442	441	414	29	28		
LINCOLN	140	109	126	96	13	13	1	
MASON	188	205	171	187	17	17		1
OKANOGAN	388	362	361	334	27	27		1
PACIFIC	173	164	165	155	8	9		
PEND OREILLE	95	98	87	92	8	6		

Table 10 (cont'd)

County and City	Total Livebirths		Mature Livebirths Over 5½lbs		Immature Livebirths 5½lbs & Under		Weight Unknown	
	M	F	M	F	M	F	M	F
	PIERCE	3,122	3,007	2,915	2,761	204	241	3
Puyallup	129	139	117	126	12	13		
Tacoma	1,918	1,876	1,794	1,723	123	149	1	4
SAN JUAN	22	19	22	15		2		2
SKAGIT	510	487	470	437	40	48		2
SKAMANIA	56	54	53	52	3	2		
SNOHOMISH	1,649	1,569	1,541	1,452	103	111	5	6
Everett	525	425	484	394	41	30		1
SPOKANE	3,596	3,304	3,321	3,046	267	251	8	7
Spokane	2,643	2,429	2,423	2,238	215	185	5	6
STEVENS	232	193	216	180	16	13		
THURSTON	500	504	468	463	32	41		
Olympia	180	184	165	176	15	8		
WAHKIAKUM	43	38	41	37	2	1		
WALLA WALLA	472	383	451	357	21	26		
Walla Walla	283	237	267	220	16	17		
WHATCOM	818	766	783	712	31	51	4	3
Bellingham	399	392	376	358	20	32	3	2
WHITMAN	351	329	322	296	14	23	15	10
Pullman	119	123	111	111	3	6	5	6
YAKIMA	1,829	1,843	1,699	1,699	120	137	10	7
Yakima	707	728	669	665	37	61	1	2

IMMATURE LIVEBIRTHS BY COUNTY AND CITY OF 10,000 AND OVER
EACH SEX BY WEIGHT, 1954
(allocated to county and city of residence)

County and City	Total Immature Livebirths		1lb 8oz & Under		1lb 9oz-2lbs 8oz		2lbs 9oz-3lbs 8oz		3lbs 9oz-4lbs 8oz		4lbs 9oz-5lbs 8oz	
	M	F	M	F	M	F	M	F	M	F	M	F
	STATE TOTAL	2,067	2,304	61	62	132	122	196	190	397	441	1,281
ADAMS	9	6			1		3			1	5	5
ASOTIN	10	6			1			1	7		2	5
BENTON	52	65	2	3	2	3	5	5	8	15	35	39
Kennewick	17	22		1		1	3	1	1	4	13	15
Richland	24	23	2	1	2	1	1	2	4	5	15	14
CHELAN	44	47	1	1	3	2	6	8	7	8	27	28
Wenatchee	19	23			2		1	5	5	5	11	13
CLALLAM	22	24			1	2	4	4	8	3	9	15
Port Angeles	7	13				2	2	2	2	1	3	8
CLARK	49	50		3	4	4	4	4	13	4	28	35
Vancouver	25	22		2	3	3	3	2	4	2	15	13
COLUMBIA	3	6				2	1			1	2	3
COWLITZ	47	52	2	1	2	7	9	4	7	9	27	31
Longview	23	27	2	1		1	4	1	3	6	14	18
DOUGLAS	15	15		1	2	2	1	1	5	3	7	8
FERRY	5	3							1	1	4	2
FRANKLIN	21	14	2			2	2		3	2	14	10
Pasco	18	8	2			1	1		3		12	7
GARFIELD	3	6						1	1	1	2	4
GRANT	43	52	1		6	2	5	5	2	10	29	35
GRAYS HARBOR	30	48			1	2	1	6	6	11	22	29
Aberdeen	11	16					1	3	2	2	8	11
Hoquiam	7	8			1				2	3	4	5
ISLAND	12	13			1	1			2	3	9	9
JEFFERSON	14	11					1		2	3	11	8
KING	614	728	14	22	41	38	69	64	108	147	382	457
Renton	25	22		1	3	1	1	2	4	7	17	11
Seattle	384	451	11	16	26	22	52	43	66	90	229	280
KITSAP	83	81	1	2	5	4	6	1	18	14	53	60
Bremerton	41	38	1	1	3	1	3		9	11	25	25
KITTITAS	20	17				1	5	2	5	2	10	12
KLICKITAT	16	13			1	1	2		2	2	11	10
LEWIS	29	28			1	3	3	2	6	4	19	19
LINCOLN	13	13		1		1		2	5	3	8	6
MASON	17	17					1	1	6	3	10	13
OKANOGAN	27	27			3	3	3	5	2	3	19	16
PACIFIC	8	9					1	2	3	1	4	6
PEND OREILLE	8	6							3	1	5	5

Table 11 (cont'd)

County and City	Total Immature Livebirths		1lb 8oz & Under		1lb 9oz-2lbs 8oz		2lbs 9oz-3lbs 8oz		3lbs 9oz-4lbs 8oz		4lbs 9oz-5lbs 8oz	
	M	F	M	F	M	F	M	F	M	F	M	F
PIERCE	204	241	13	10	15	13	16	25	34	44	126	149
Puyallup	12	13	1	1	3					4	8	8
Tacoma	123	149	7	8	8	11	10	10	22	29	76	91
SAN JUAN		2										2
SKAGIT	40	48	2	1	2	1	5	5	12	6	19	35
SKAMANIA	3	2									3	2
SNOHOMISH	103	111	3	2	6	5	4	7	18	21	72	76
Everett	41	30	1	2	4		2	3	7	6	27	19
SPOKANE	267	251	11	8	20	8	20	14	48	57	168	164
Spokane	215	185	9	6	17	7	16	12	40	37	133	123
STEVENS	16	13	1	1	1		2	1	3	2	9	9
THURSTON	32	41	1	1	4	3	2	2	7	14	18	21
Olympia	15	8		1	1		1		5	2	8	5
WAHKIAKUM	2	1									2	1
WALLA WALLA	21	26					2	2	6	7	13	17
Walla Walla	16	17					2	1	4	3	10	13
WHATCOM	31	51	1		2	4	3	2	12	8	13	37
Bellingham	20	32			2	2	2	2	7	5	9	23
WHITMAN	14	23	1	2	1	2		2	2	3	10	14
Pullman	3	6		1		1					3	4
YAKIMA	120	137	5	3	6	6	10	12	25	24	74	92
Yakima	37	61	1	1	3	2	3	7	7	8	23	43

BIRTHS WITH CONGENITAL MALFORMATIONS, BY TYPE, 1954
(allocated to county and city of residence)

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	408	34	33	10	20	51	63	197
ADAMS	1							1
ASOTIN	1							1
BENTON	21				2	4	5	10
Kennewick	5						1	4
Richland	10				2	3	2	3
CHELAN	5			1		2		2
Wenatchee	2			1				1
CLALLAM	2						1	1
Port Angeles	1						1	
CLARK	23	3	2	1		4	2	11
Vancouver	12	2	1	1		1	1	6
COLUMBIA								
COWLITZ	17	2	1	2		1	4	7
Longview	6	1		1			1	3
DOUGLAS	2							2
FERRY	4							4
FRANKLIN	7		1			1		5
Pasco	5					1		4
GARFIELD	1						1	
GRANT	15	1			3	2	3	6
GRAYS HARBOR	11	2				2	1	6
Aberdeen	2							2
Hoquiam	4	1					1	2
ISLAND								
JEFFERSON	3					2		1
KING	88	11	5		7	11	14	40
Renton	5		1				2	2
Seattle	59	7	3		7	6	8	28
KITSAP	4	1						2
Bremerton	3						1	2
KITTITAS	5			1			1	3
KLICKITAT	3							3
LEWIS	5	1				2		2
LINCOLN	2	1						1
MASON	5	1					1	3
OKANOGAN	6					1	1	4
PACIFIC	3							3
BEND OREILLE	2							2

Table 12 (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.
PIERCE	36	1	3	2	1	5	8	16
Puyallup	1							1
Tacoma	18	1	1	2		1	4	9
SAN JUAN								
SKAGIT	8		1		1		2	4
SKAMANIA								
SNOHOMISH	23	4	2			3	2	12
Everett	3							3
SPOKANE	50	4	6	1	4	7	8	20
Spokane	37	2	6	1	3	5	8	12
STEVENS								
THURSTON	7		1					6
Olympia	2							2
WAHKIAKUM	1							1
WALLA WALLA	4		1		1	1	1	
Walla Walla	2				1		1	
WHATCOM	9	1	4			1		3
Bellingham	7	1	2			1		3
WHITMAN	3		2				1	
Pullman								
YAKIMA	31	1	4	2	1	2	6	15
Yakima	11		1		1	1	4	4

FETAL DEATHS, WITH RATIO PER 1000 LIVEBIRTHS, 1954
(allocated to county and city of residence and by place of occurrence)

County and City	Residence		Occurrence	
	Number	Ratio	Number	Ratio
STATE TOTAL	829	13.2	855	13.2
ADAMS	5	21.6	3	29.1
ASOTIN	1	3.3	2	8.3
BENTON	16	7.7	15	6.7
Kennewick	4	6.0	3	4.6
Richland	9	10.3	10	10.3
CHELAN	10	9.1	12	9.2
Wenatchee	4	8.8	8	7.7
CLALLAM	12	16.6	11	15.8
Port Angeles	3	8.6	11	18.2
CLARK	29	14.6	32	13.3
Vancouver	16	16.4	28	14.9
COLUMBIA	1	10.1		
COWLITZ	17	10.9	23	14.2
Longview	8	10.8	23	14.2
DOUGLAS	4	12.2		
FERRY	2	15.9		
FRANKLIN	7	11.6	8	11.2
Pasco	6	13.5	8	12.6
GARFIELD				
GRANT	16	12.4	14	11.9
GRAYS HARBOR	23	19.1	24	20.5
Aberdeen	8	20.7	20	19.0
Hoquiam	4	17.5		
ISLAND	6	12.3	7	13.3
JEFFERSON	5	13.3	3	17.2
KING	269	14.3	274	13.7
Renton	10	15.9	24	14.3
Seattle	168	14.4	231	13.5
KITSAP	35	16.3	38	17.5
Bremerton	14	13.6	34	16.1
KITTITAS	13	31.2	13	29.7
KLICKITAT	9	23.5	7	21.5
LEWIS	8	8.8	9	9.5
LINCOLN	3	12.0	2	25.6
MASON	2	5.1	3	8.7
OKANOGAN	5	6.7	9	9.7
PACIFIC	6	17.8	8	23.9
PEND OREILLE	3	15.5	4	20.1

Table 13 (cont'd)

31

County and City	Residence		Occurrence	
	Number	Ratio	Number	Ratio
PIERCE	93	15.2	95	12.0
Puyallup	3	11.2	6	10.3
Tacoma	53	14.0	61	14.0
SAN JUAN	1	24.4		
SKAGIT	13	13.0	11	10.9
SKAMANIA				
SNOHOMISH	19	5.9	20	9.0
Everett	8	8.4	17	9.3
SPOKANE	73	10.6	86	11.4
Spokane	53	10.4	72	11.8
STEVENS	9	21.2	10	24.4
THURSTON	20	19.9	18	21.2
Olympia	8	22.0	18	21.5
WAHKIAKUM	2	24.7		
WALLA WALLA	12	14.0	13	12.5
Walla Walla	9	17.3	13	12.5
WHATCOM	20	12.6	20	12.9
Bellingham	11	13.9	16	11.5
WHITMAN	7	10.3	5	9.7
Pullman	1	4.1		
YAKIMA	55	15.0	56	16.1
Yakima	19	13.3	38	15.4

FETAL DEATHS BY SEX AND WEIGHT, 1954

Weight	Total	Male	Female
STATE TOTAL	829	448	381
8 oz & under	4	4	
9 oz - 1# 8oz	85	44	41
1# 9 oz - 2# 8oz	80	37	43
2# 9 oz - 3# 8oz	60	30	30
3# 9 oz - 4# 8oz	75	49	26
4# 9 oz - 5# 8oz	71	34	37
5# 9 oz - 6# 8oz	82	48	34
6# 9 oz - 7# 8oz	85	52	33
7# 9 oz - 8# 8oz	61	33	28
8# 9 oz - 9# 8oz	21	15	6
9# 9 oz - 10# 8oz	6	3	3
10# 9 oz & over	6	4	2
Not stated	193	95	98

FETAL DEATHS BY SELECTED CAUSES, 1954
(residence figures)

Cause with International List Number	Number
TOTAL ALL CAUSES	829
30 Chronic disease in mother	16
Diabetes Mellitus (302)	12
Other (300-301, 303-305)	4
31 Acute disease in mother	5
32 Diseases and conditions of pregnancy and childbirth	57
Eclampsia (323)	5
Other toxemias of pregnancy (324)	23
Other (320-322, 325)	9
33 Absorption of toxic substance from mother	2
34 Difficulties in labor	21
Malposition of foetus (342)	9
Other (340, 341, 343-346)	12
35 Other causes in mother	7
Fall (350)	5
Other (351-353)	2
36 Placental and cord conditions	380
Cord condition without mention of placental abnormality(360)	118
Placenta praevia (361,363)	27
Premature separation of placenta (362,364)	198
Other (365-366)	37
37 Birth injury	4
38 Congenital malformations of foetus	64
Anencephalus (380)	14
Hydrocephalus (381)	22
Monster (386)	4
Other and unspecified malformations (382-385, 387)	24
39 Diseases of foetus and ill defined causes	293
Syphilis (390)	1
Erythroblastosis (392)	57
Maceration (394)	8
Ill defined cause (395)	140
Other and unspecified cause (391, 393, 396)	87

MORTALITY

General

There were 23,238 deaths of residents of Washington in 1954, a rate of 9.1 per 1000 population. Deaths occurred in Washington at a rate of 9.1 per 1000 population for a total of 23,415. Asotin County had the highest resident death rate with 12.9 per 1000 population. The lowest death rate was shown by Benton County, with a rate of 4.8 per 1000 population.

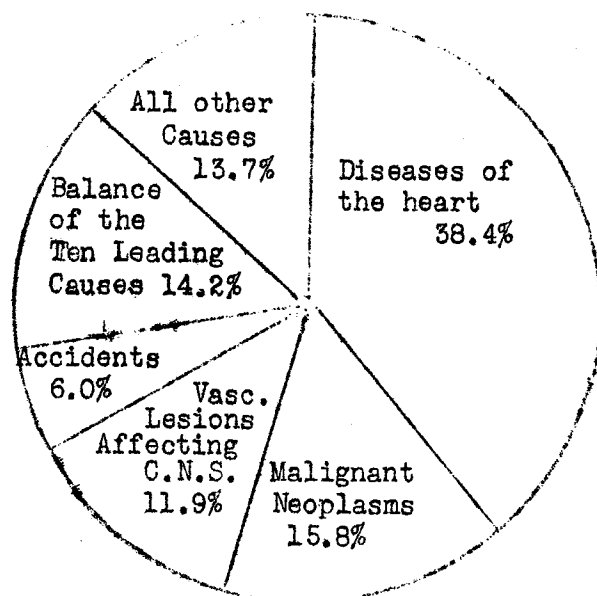
The sex ratio for resident deaths in 1954 was 153.3 male deaths for every 100 female deaths. Of the male deaths, 53.0% were married at the time of death, and 17.6% were widowers. Female deaths included 35.7% married and 46.1% widowed. The median age of males dying was 67.8; median age at death for females was 70.5. The white race accounted for 97.1% of the total deaths.

General mortality data are given in the death summary Tables 16, 17, and 18, pages 36 through 42 and Tables 19 through 28 contain county and city data.

Selected Causes

Table 17, page 38, gives selected causes of death for all ages, arranged according to the cause of death codes as determined by the International Statistical Classification of Cause of Death. The death summary table also lists the sixteen leading causes of death according to rank. Tables 24, 25, 26 and 27, pages 53 through 60, give rates per 100,000 population.

Distribution of 1954 Deaths
by Cause



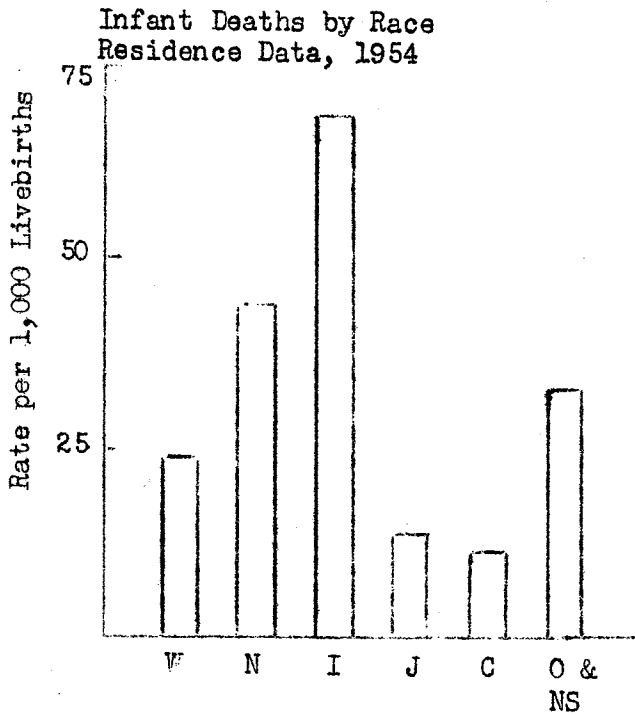
"Diseases of the Heart" accounted for 38.4% of the total deaths of Washington State residents in 1954, with a rate of 348.3 per 100,000 population. "Diseases of the Heart" has been the leading cause of death in Washington since 1913 with the exception of pneumonia in 1918. Tuberculosis was the leading 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 since the early 1920's.

The fourth leading cause, "All Accidents" was the leading cause of death in the age groups from 1 through 34. "Malignant Neoplasms" were the second leading cause in all age groups from 5 through 74. "Congenital Malformations" are the second leading cause of death at ages under 5. At ages 75 - 94, the second leading cause of death is "Vascular Lesions Affecting the Central Nervous System". Suicide was the third leading cause of death in the age groups from 15 through 34. Table 18, page 40, lists the leading causes of death in each five year age group for each sex, with the percentage each comprises of the total deaths in each age group.

Other causes of death, of interest though not necessarily leading causes, are given in Tables 27 and 28, pages 59 and 61. Deaths from motor vehicle accidents are included in the category "All Accidents", but are given by county and city of residence and by county and city of occurrence of deaths in Table 27, page 59. Homicides by county and city of residence and occurrence are given in Table 27, page 59. Deaths from infective and parasitic diseases, except tuberculosis, are given in Table 28, page 61. Tuberculosis deaths are given in Table 27, page 59.

There were 29 maternal deaths in 1954. Data on maternal deaths are given in Table 29, page 63.

Infant Deaths



Infants accounted for 6.5% of the total deaths in 1954. The infant death rate was 24.1 per 1000 livebirths by residence; a new record low. As can be seen in the graph, page 4, infant mortality has experienced a steady decline since 1910.

Indians again showed the highest infant death rate, 68.7 per 1000 livebirths. Although higher than the 1952 rate of 65.5, this is much lower than the rates in 1950, 1951 and 1953. The graph at the left shows 1954 resident infant death rates by race. Table 30, page 64, gives infant deaths by county and city of residence and of occurrence, with rates per 1000 livebirths

Of resident infant deaths in 1954, 128.7 males died for every 100 females. In 1953, this ratio was 157.2 males to every 100 females. This represents a male infant death rate for 1954 of 26.6 deaths per 1000 male livebirths, and a female infant death rate of 21.6 per 1000 female livebirths.

The greatest number of infant deaths occurred under the International List category 760 - 776, "Certain Diseases of Early Infancy", with 60.8% of the 1954 resident infant deaths in that category. Of this group immaturity mentioned with some other condition, and immaturity unqualified accounted for the greatest number of deaths, 20.7% of the total infant deaths. Congenital malformations accounted for 15.9% more of the deaths, followed by 8.5% dying from influenza and pneumonia (not including pneumonia of the newborn, which is included in the category "Certain Diseases of Early Infancy") and 3.9% dying from accidents.

Table 31, page 66, gives a detailed breakdown of infant deaths by cause, sex, and age of infant. Table 32, page 68, lists leading causes for the counties and major cities. Resident neonatal deaths, those under 28 days, accounted for 73.4% of the total resident infant deaths in 1954. Neonatal deaths by county and city of residence and by county and city of occurrence are given in Table 30, page 64.

DEATH SUMMARY, 1954

Resident Deaths Each Sex, by Race and by Marital Status				Deaths by Months		
	Total	Male	Female		Resident	Occurrence
Total	23,238	14,064	9,174	Total	23,238	23,415
White	22,571	13,632	8,939	January	2,118	2,115
Negro	292	190	102	February	1,788	1,816
Indian	222	123	99	March	2,035	2,051
Japanese	82	61	21	April	1,962	1,980
Chinese	29	26	3	May	2,023	2,028
Other and Not Stated	42	32	10	June	1,868	1,891
Single	4,351	3,011	1,340	July	1,864	1,894
Married	10,728	7,453	3,275	August	1,829	1,847
Divorced	1,148	859	289	September	1,798	1,823
Widowed	6,703	2,478	4,225	October	1,932	1,950
Not Stated	308	263	45	November	1,865	1,871
				December	2,156	2,149

Resident Deaths Each Sex, by Age Group				Deaths by Place of Death		
	Total	Male	Female		Resident	Occurrence
Total	23,238	14,064	9,174	Total	23,238	23,415
Under 1	1,514	852	662	General Hospitals	11,527	11,685
1 - 4	244	121	123	Mental Institutions	857	864
5 - 14	230	138	92	Tuberculosis	146	172
15 - 24	325	208	117	Sanatoriums		
25 - 34	489	326	163	Other Institutions	279	282
35 - 44	1,016	641	375	Nursing Homes	2,125	2,147
45 - 54	1,998	1,339	659	Homes	6,743	6,737
55 - 64	3,532	2,326	1,206	Other & Not Stated	1,561	1,528
65 - 74	6,014	3,842	2,172			
75 - 84	5,484	3,088	2,396			
85 - 94	2,216	1,109	1,107			
95 - 99	149	62	87			
100 & Over	24	9	15			
Not Stated	3	3				

Resident Deaths by Attendant

Total	23,238
M. D.	20,960
Coroner	2,047
Osteopath	212
Other & Not Stated	19

Resident Infant Deaths by Race

Total	1,514
White	1,389
Negro	51
Indian	61
Japanese	5
Chinese	1
Other & Not Stated	7

DEATH SUMMARY, 1954 (cont'd)

Leading Causes of Resident Deaths

Rank	Cause	International List Number	Number Of Deaths
1	Diseases of the heart	410-443	8,938
2	Malignant neoplasms	140-205	3,670
3	Vascular lesions affecting C. N. S.	330-334	2,778
4	All Accidents	800-962	1,399
5	Certain diseases of early infancy	760-776	924
6	Influenza and pneumonia	480-493	612
7	Arteriosclerosis	450	590
8	Suicide	963, 970-979	424
9	Diabetes mellitus	260	366
10	Congenital malformations	750-759	347
11	Cirrhosis of the liver	581	207
12	Other circulatory diseases	451-468	194
13	Ulcer	540-542	170
14	Chronic and unspecified nephritis and other renal sclerosis	592-594	163
15	Hernia	560-561	139
16	Tuberculosis	001-019	124

Number of Deaths Having Certain Contributory Causes*

Contributory Cause	Number of Deaths
Diabetes Mellitus	375
Malignant Neoplasms	204
Falls	172
Tuberculosis	125
Immaturity	33
Motor Vehicle Accidents	9
Other Accidents	9
Mention of Pregnancy	10

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

DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, 1954
(residence figures)

Cause with International List Number	Number	Rate
TOTAL ALL CAUSES	23,238	905.6
Tuberculosis, all forms (001-019)	124	4.8
Tuberculosis of respiratory system (001-008)	(108)	4.2
Tuberculosis, other forms (010-019)	(16)	0.6
Syphilis and its sequelae (020-029)	87	3.4
Dysentery, all forms (045-048)	4	0.2
Scarlet fever and streptococcal sore throat (050,051)	3	0.1
Diphtheria (055)	3	0.1
Whooping cough (056)	4	0.2
Meningococcal infections (057)	14	0.5
Acute poliomyelitis (080)	12	0.5
Measles (085)	8	0.3
All other infective and parasitic diseases (030-039, 049, 052-054, 059-074, 081-083, 086-096, 120-138)	46	1.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205)	3,670	143.0
Malignant neoplasms of buccal cavity and pharynx (140-148)	(68)	2.7
Malignant neoplasms of digestive organs and peritoneum (150-159, excluding 156.2)	(1,353)	52.7
Malignant neoplasms of respiratory system (160-164)	(418)	16.3
Malignant neoplasms of breast (170)	(323)	12.6
Malignant neoplasms of genital organs (171-179)	(580)	22.6
Malignant neoplasms of urinary organs (180-181)	(179)	7.0
Malignant neoplasms of other and unspecified sites (156.2, 165, 190-199)	(390)	15.2
Leukemia and aleukemia (204)	(198)	7.7
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic tissues (200-203, 205)	(161)	6.3
Benign neoplasms and neoplasms of unspecified nature (210-239)	93	3.6
Diabetes mellitus (260)	366	14.3
Anemias (290-293)	39	1.5
Meningitis, except meningococcal and tuberculous (340)	21	0.8
Major cardiovascular-renal diseases (330-334, 400-468, 592-594)	12,790	498.4
Diseases of cardiovascular system (330-334, 400-468)	12,627	492.1
Vascular lesions affecting central nervous system (330-334)	2,778	108.3
Rheumatic fever (400-402)	13	0.5
Diseases of the heart (410-443)	8,938	348.3
Chronic rheumatic heart disease (410-416)	(319)	12.4
Arteriosclerotic heart disease, including coronary disease (420)	(6,599)	257.2
Nonrheumatic chronic endocarditis and other myocardial degeneration (421-422)	(760)	29.6
Other diseases of heart (430-434)	(362)	14.1
Hypertension with heart disease (440-443)	(898)	35.0

Table 17 (cont'd)

Cause with International List Number	Number	Rate
Hypertension without mention of heart (444-447)	114	4.4
General arteriosclerosis (450)	590	23.0
Other diseases of circulatory system (451-468)	194	7.6
Chronic and unspecified nephritis and other renal sclerosis (592-594)	163	6.4
Influenza and pneumonia, except pneumonia of newborn (480-493)	612	23.9
Influenza (480-483)	(26)	1.0
Pneumonia, except pneumonia of newborn (490-493)	(586)	22.8
Bronchitis (500-502)	35	1.4
Ulcer of stomach and duodenum (540-541)	170	6.6
Appendicitis (550-553)	27	1.1
Hernia and intestinal obstruction (560, 561, 570)	139	5.4
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn (543, 571, 572)	83	3.2
Cirrhosis of liver (581)	207	8.1
Acute nephritis and nephritis with edema, including nephrosis (590-591)	32	1.2
Hyperplasia of prostate (610)	92	3.6
Deliveries and complications of pregnancy, childbirth, and the puerperium (640-689)	29	1.1
Abortion (650-652)	(3)	0.1
All other complications (640-649, 660-689)	(26)	1.0
Congenital malformations (750-759)	347	13.5
Certain diseases of early infancy (760-776)	924	36.0
Birth injuries, postnatal asphyxia, and atelectasis (760-762)	(467)	18.2
Infections of newborn (763-768)	(47)	1.8
Other diseases peculiar to early infancy, and immaturity unqualified (769-776)	(410)	16.0
Symptoms, senility, and ill-defined conditions (780-795)	204	8.0
All other diseases (residual)	1,144	44.6
Accidents (E800-E962)	1,399	54.5
Motor-vehicle accidents (E810-E835)	(480)	18.7
All other accidents (E800-E802, E840-E859, E861-E862)	(919)	35.8
Suicide (E970-E979, E963)	424	16.5
Homicide (E964, E980-E985)	85	3.3

THE FIVE LEADING CAUSES OF DEATH IN EACH AGE GROUP, BY SEX
WITH PERCENT OF TOTAL, 1954

Age	Cause	International		Female %	Total	% Total
		List Number	Male %			
Under 1						
	All causes		852 56.3	662 43.7	1,514	100.0
	Certain diseases of early infancy	760-776	502 33.2	419 27.6	921	60.3
	Congenital Malformations	750-759	149 9.8	91 6.0	240	15.8
	Influenza and pneumonia	480-493	74 4.9	54 3.6	128	8.5
	All accidents	800-962	35 2.3	24 1.6	59	3.9
	Gastritis, duodenitis, enteritis, and colitis	543, 571, 572	16 1.1	6 0.4	22	1.5
	All other		76 5.0	68 4.5	144	9.5
1 - 4						
	All causes		121 49.6	123 50.4	244	100.0
	All accidents	800-962	49 20.1	33 13.5	82	33.6
	Congenital Malformations	750-759	11 4.5	20 8.2	31	12.7
	Influenza and pneumonia	480-493	15 6.2	15 6.2	30	12.4
	Malignant Neoplasms	140-204	9 3.7	12 4.9	21	8.6
	Bronchitis	500-502	4 1.6	4 1.6	8	3.2
	All other		33 13.5	39 16.0	72	29.5
5 - 14						
	All causes		138 60.0	92 40.0	230	100.0
	All accidents	800-962	72 31.3	18 7.8	90	39.1
	Malignant Neoplasms	140-204	23 10.0	8 3.5	31	13.5
	Congenital Malformations	750-759	11 4.8	6 2.6	17	7.4
	Diseases of the heart	410-443	3 1.3	4 1.7	7	3.0
	Vascular lesions affecting central nervous system	330-334	3 1.3	3 1.3	6	2.6
	Homicide	980-985	2 0.9	4 1.7	6	2.6
	All others		24 10.4	49 21.4	73	31.8
15 - 24						
	All causes		208 63.6	119 36.4	327	100.0
	All accidents	800-962	124 37.9	28 8.6	152	46.5
	Malignant Neoplasms	140-204	16 4.9	17 5.2	33	10.1
	Suicide	963, 970- 979	11 3.4	8 2.4	19	5.8
	Diseases of the heart	410-443	8 2.4	9 2.8	17	5.2
	Vascular lesions affecting central nervous system	330-334	5 1.5	7 2.2	12	3.7
	All others		44 13.5	50 15.2	94	28.7
25 - 34						
	All causes		325 66.4	164 33.6	489	100.0
	All accidents	800-962	132 27.0	24 4.9	156	31.9
	Malignant Neoplasms	140-204	32 6.5	35 7.2	67	13.7
	Suicide	970-979	45 9.2	12 2.5	57	11.7
	Diseases of the heart	410-443	32 6.5	14 2.9	46	9.4
	Homicide	980-985	11 2.3	3 0.6	14	2.9
	All others		73 14.9	76 15.5	149	30.4

Table 18 (cont'd)

Age	Cause	International					
		List Number	Male %	Female %	Total %		
35 - 44							
	All causes		641 63.1	375 36.9	1,016	100.0	
	Diseases of the heart	410-443	186 18.3	49 4.8	235	23.1	
	Malignant Neoplasms	140-204	75 7.4	145 14.3	220	21.7	
	All accidents	800-962	135 13.3	40 3.9	175	17.2	
	Suicide	970-979	68 6.7	15 1.5	83	8.2	
	Vascular lesions affecting central nervous system	330-334	27 2.6	17 1.7	44	4.3	
	All others		150 14.8	109 10.7	259	25.5	
45 - 54							
	All causes		1,338 67.7	639 32.3	1,977	100.0	
	Diseases of the heart	410-443	594 30.1	155 7.8	749	37.9	
	Malignant Neoplasms	140-204	200 10.1	221 11.2	421	21.3	
	All accidents	800-962	125 6.3	35 1.8	160	8.1	
	Vascular lesions affecting central nervous system	330-334	61 3.1	69 3.5	130	6.6	
	Suicide	970-979	75 3.8	20 1.0	95	4.8	
	All others		283 14.3	139 7.0	422	21.3	
55 - 64							
	All causes		2,325 66.0	1,198 34.0	3,523	100.0	
	Diseases of the heart	410-443	1,120 31.8	406 11.5	1,526	43.3	
	Malignant Neoplasms	140-204	437 12.4	358 10.2	795	22.6	
	Vascular lesions affecting central nervous system	330-334	174 5.0	162 4.6	336	9.6	
	All accidents	800-962	110 3.1	35 1.0	145	4.1	
	Suicide	970-979	60 1.7	16 0.4	76	2.1	
	All others		424 12.0	221 6.3	645	18.3	
65 - 74							
	All causes		3,845 63.9	2,171 36.1	6,016	100.0	
	Diseases of the heart	410-443	1,875 31.2	918 15.3	2,793	46.5	
	Malignant Neoplasms	140-204	687 11.4	452 7.5	1,139	18.9	
	Vascular lesions affecting central nervous system	330-334	456 7.6	341 5.7	797	13.3	
	All accidents	800-962	94 1.6	46 0.8	140	2.4	
	Diabetes mellitus	260	51 0.8	80 1.3	131	2.1	
	All others		682 11.3	334 5.5	1,016	16.8	
75 - 84							
	All causes		2,988 55.5	2,396 44.5	5,384	100.0	
	Diseases of the heart	410-443	1,415 26.3	1,059 19.7	2,474	46.0	
	Vascular lesions affecting central nervous system	330-334	525 9.8	528 9.8	1,053	19.6	
	Malignant Neoplasms	140-204	430 8.0	309 5.7	739	13.7	
	General arteriosclerosis	450	138 2.5	112 2.1	250	4.6	
	Pneumonia and influenza	480-493	80 1.5	59 1.1	139	2.6	
	All others		400 7.4	329 6.1	729	13.5	

Table 18 (cont'd)

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Age	Cause	International List Number	Male	%	Female	%	Total	%
85-94								
	All causes		1,107	50.0	1,108	50.0	2,215	100.0
	Diseases of the heart	410-443	514	23.2	504	22.8	1,018	46.0
	Vascular lesions affecting central nervous system	330-334	169	7.6	198	8.9	367	16.5
	Malignant Neoplasms	140-204	118	5.3	79	3.6	197	8.9
	General arteriosclerosis	450	93	4.2	95	4.3	188	8.5
	Pneumonia and influenza	480-493	38	1.7	53	2.4	91	4.1
	All others		175	7.9	179	8.1	354	16.0
95 and over								
	All causes		70	40.7	102	59.3	172	100.0
	Diseases of the heart	410-443	26	15.1	43	25.0	69	40.1
	General arteriosclerosis	450	16	9.3	16	9.3	32	18.6
	Vascular lesions affecting central nervous system	330-334	7	4.1	11	6.4	18	10.5
	Influenza and pneumonia	480-493	5	2.9	5	2.9	10	5.8
	All accidents	800-962	4	2.3	3	1.7	7	4.0
	All others		12	7.0	24	14.0	36	21.0

Table 19

DEATHS BY PLACE OF RESIDENCE, AND BY PLACE OF OCCURRENCE,
FOR THE COUNTIES AND CITIES OF 10,000 AND OVER
WITH RATES PER 1,000 POPULATION, 1954

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
STATE TOTAL	23,238	9.1	23,415	9.1
ADAMS	50	5.7	47	5.4
ASOTIN	152	12.9	129	10.9
BENTON	307	4.8	261	4.1
Kennewick	101	7.9	89	7.0
Richland	75	2.6	78	2.7
CHELAN	385	9.3	382	9.2
Wenatchee	179	11.3	251	15.8
CLALLAM	262	9.6	234	8.5
Port Angeles	142	12.1	138	11.8
CLARK	720	8.5	879	10.3
Vancouver	325	7.8	655	15.7
COLUMBIA	46	9.4	43	8.8
COWLITZ	397	6.7	374	6.3
Longview	149	6.4	282	12.1
DOUGLAS	89	6.9	55	4.3
FERRY	39	9.1	17	4.0
FRANKLIN	111	5.5	108	5.3
Pasco	82	5.9	96	6.9
GARFIELD	32	10.0	21	6.6
GRANT	177	5.1	153	4.4
GRAYS HARBOR	572	10.3	546	9.8
Aberdeen	230	11.4	345	17.1
Hoquiam	109	9.7	63	5.6
ISLAND	92	7.1	68	5.3
JEFFERSON	100	10.3	81	8.4
KING	7,579	9.8	7,461	9.7
Renton	132	7.8	216	12.8
Seattle	5,712	10.4	6,277	11.4
KITSAP	661	7.7	639	7.4
Bremerton	224	6.7	383	11.5
KITTITAS	175	8.0	168	7.6
KLICKITAT	141	11.0	109	8.7
LEWIS	506	11.4	480	10.8
LINCOLN	97	8.6	51	4.5
MASON	140	9.1	131	8.5
OKANOGAN	228	7.7	245	8.2
PACIFIC	164	9.8	154	9.2
PEND OREILLE	67	8.1	59	7.1

Table 19 (cont'd)

County and City	Residence		Occurrence	
	Number	Rate	Number	Rate
PIERCE	2,588	8.7	2,936	9.8
Puyallup	153	14.6	228	21.7
Tacoma	1,644	10.6	1,867	12.1
SAN JUAN	33	10.3	21	6.6
SKAGIT	444	9.9	642	14.3
SKAMANIA	34	6.5	19	3.7
SNOHOMISH	1,271	9.8	1,144	8.8
Everett	444	13.1	615	18.1
SPOKANE	2,437	9.7	2,766	11.0
Spokane	1,931	10.8	2,297	12.8
STEVENS	200	10.1	172	8.6
THURSTON	489	10.4	438	9.3
Olympia	203	11.9	320	18.8
WAHKIAKUM	34	8.5	14	3.5
WALLA WALLA	354	8.4	408	9.7
Walla Walla	255	10.0	345	13.6
WHATCOM	658	9.5	644	9.3
Bellingham	414	11.7	378	10.7
WHITMAN	225	7.1	171	5.4
Pullman	32	2.8	37	3.2
YAKIMA	1,182	8.2	1,145	7.9
Yakima	493	12.1	608	14.9

Table 20

DEATHS BY COUNTIES AND CITIES OF 10,000 AND OVER, BY SEX AND BY RACE, 1954
(allocated to county and city of residence)

County and City	Total	Male	Female	White	Negro	Indian	Japanese	Chinese	Other and Not Stated
STATE TOTAL	23,238	14,064	9,174	22,571	292	222	82	29	42
ADAMS	50	33	17	50					
ASOTIN	152	80	72	152					
BENTON	307	197	110	305		2			
Kennewick	101	65	36	99		2			
Richland	75	47	28	75					
CHELAN	385	242	143	381	2	2			
Wenatchee	179	110	69	177	2				
CLALLAM	262	157	105	251		11			
Port Angeles	142	84	58	141		1			
CLARK	720	454	266	716	4				
Vancouver	325	195	130	322	3				
COLUMBIA	46	22	24	45		1			
COWLITZ	397	241	156	396	1				
Longview	149	83	66	148	1				
DOUGLAS	89	59	30	89					
FERRY	39	26	13	32		7			
FRANKLIN	111	80	31	103	8				
Pasco	82	57	25	74	8				
GARFIELD	32	19	13	31		1			
GRANT	177	114	63	173	3		1		
GRAYS HARBOR	572	353	219	557	2	13			
Aberdeen	230	135	95	228	1	1			
Hoquiam	109	74	35	109					
ISLAND	92	63	29	91	1				
JEFFERSON	100	64	36	97		3			
KING	7,579	4,499	3,080	7,261	169	27	65	23	34
Renton	132	82	50	131		1			
Seattle	5,712	3,354	2,358	5,417	166	18	56	23	32
KITSAP	661	396	265	642	14	5			
Bremerton	224	124	100	216	7	1			
KITTITAS	175	115	60	175					
KLICKITAT	141	89	52	138	1	2			
LEWIS	506	303	203	503	1	1			1
LINCOLN	97	57	40	97					
MASON	140	80	60	136		4			
OKANOGAN	228	141	87	203		25			
PACIFIC	164	98	66	162		1	1		
PEND OREILLE	67	43	24	65		2			

Table 20 (cont'd)

County and City	Total	Male	Female	White	Negro	Indian	Japanese	Chinese	Other and Not Stated
PIERCE	2,588	1,547	1,041	2,520	41	19	6		2
Puyallup	153	82	71	152		1			
Tacoma	1,644	957	687	1,597	31	11	3		2
SAN JUAN	33	26	7	30		1			2
SKAGIT	444	272	172	438		6			
SKAMANIA	34	27	7	33					1
SNOHOMISH	1,271	780	491	1,262	2	6		1	
Everett	444	263	181	443	1				
SPOKANE	2,437	1,494	943	2,399	22	6	9	1	
Spokane	1,931	1,149	782	1,897	20	5	8	1	
STEVENS	200	126	74	195		5			
THURSTON	489	310	179	485		4			
Olympia	273	121	82	202		1			
WAHKIAKUM	34	23	11	34					
WALLA WALLA	354	210	144	351				3	
Walla Walla	255	156	99	252				3	
WHATCOM	658	360	298	649		9			
Bellingham	414	222	192	413		1			
WHITMAN	225	130	95	225					
Pullman	32	17	15	32					
YAKIMA	1,182	734	448	1,099	21	59		1	2
Yakima	493	294	199	477	13	2		1	

Table 21

DEATHS BY COUNTIES AND CITIES OF 10,000 AND OVER, BY AGE GROUPS, 1954
(allocated to county and city of residence)

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	23,238	1,514	244	230	325	489	1,016	1,998	3,532	6,014	5,484	2,389	3
ADAMS	50	6			1	4	1	5	10	5	12	6	
ASOTIN	152	4		2	2	4	3	7	11	46	44	29	
BENTON	307	44	15	3	7	15	28	33	48	41	58	15	
Kennewick	101	11	4	1	2	3	8	10	15	20	21	7	
Richland	75	18	8	1	5	5	8	9	13	6	6	1	
CHELAN	385	32	1	4	5	8	29	35	66	82	91	32	
Wenatchee	179	12	1	1	4	4	14	12	22	49	46	14	
CLALLAM	262	20	5	6	4	12	13	25	46	66	43	22	
Port Angeles	142	6	2	1	3	9	7	10	26	39	26	13	
CLARK	720	36	11	4	11	19	18	58	114	190	168	91	
Vancouver	325	14	5	4	6	11	6	31	63	80	67	38	
COLUMBIA	46	2			1	1		2	9	12	9	11	
COWLITZ	397	26	7	8	11	10	24	54	64	104	64	25	
Longview	149	11	4	3	4	4	9	23	23	31	30	7	
DOUGLAS	89	13	1	2	4	4	4	8	16	20	14	11	
FERRY	39	5	2		1	1	3	1	6	9	9	2	
FRANKLIN	111	15	3	4	2	4	8	13	14	25	16	7	
Pasco	82	12	2	1	2	4	8	8	9	19	11	6	
GARFIELD	32	1			1	1	3	2	2	8	9	6	
GRANT	177	32	9	4	8	3	5	22	27	34	22	11	
GRAYS HARBOR	572	32	6	7	11	10	28	55	87	156	133	47	
Aberdeen	230	13	1	1	2	5	9	27	30	76	52	13	
Hoquiam	109	6	3	3	4	2	7	5	19	29	24	11	
ISLAND	92	7			4	3	5	2	11	26	22	12	
JEFFERSON	100	10	1	1	4	1	2	5	16	24	29	7	
KING	7,579	424	59	60	89	170	349	681	1,231	1,994	1,805	717	
Renton	132	18	4	2	3	2	5	15	16	31	27	9	
Seattle	5,712	272	34	39	60	122	253	508	950	1,539	1,384	551	
KITSAP	661	51	5	4	8	17	28	60	104	172	143	69	
Bremerton	224	24	1	1	5	11	8	22	34	55	42	21	

Table 21 (cont'd)

County and City	Total All Ages	Under										85 & Over	Age Not Stated
		1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84		
KITTITAS	175			3	3	1	8	13	23	47	51	21	
KLICKITAT	141		4	3	3	4	7	17	33	20	24	13	
LEWIS	506		4	11	3	8	16	33	52	138	148	63	
LINCOLN	97			1			4	10	11	29	24	8	
MASON	140			3	1	1	5	17	24	43	33	7	
OKANOGAN	228		5	3	5	5	16	17	28	48	60	20	
PACIFIC	164		4	3	1	2	8	9	27	48	39	15	1
PEND OREILLE	67		2		2	2	7	6	9	23	9	6	
PIERCE	2,588	178	27	23	35	52	95	217	379	687	612	283	
Puyallup	153	7		2	3	2	3	8	24	40	39	25	
Tacoma	1,644	100	13	11	16	26	61	139	244	459	408	167	
SAN JUAN	33	1		2	1	3	1	2	3	12	6	3	
SKAGIT	444	26	3	5	8	11	17	33	58	106	124	53	
SKAMANIA	34	1				3	3	4	5	10	8	2	
SNOHOMISH	1,271	83	10	10	12	19	49	111	188	339	303	147	
Everett	444	29	1	2	2	5	9	35	63	118	118	62	
SPOKANE	2,437	155	21	19	32	42	103	204	359	644	572	286	
Spokane	1,931	122	13	8	23	32	82	165	277	518	456	234	
STEVENS	200	15		3	5	2	8	13	23	49	61	21	
THURSTON	489	28	2	6	6	8	23	44	83	126	120	43	
Olympia	203	8			3	4	8	24	30	56	50	20	
WAHIAKUM	34	2		2				4	4	12	8	2	
WALLA WALLA	354	12	7	5	1	3	9	25	50	94	103	45	
Walla Walla	255	5	5	3		3	8	22	36	65	73	35	
WHATCOM	658	43	2	5	11	13	25	26	90	167	188	88	
Bellingham	414	30	1		6	7	14	19	53	97	129	58	
WHITMAN	225	13	2		5	3	7	16	37	51	56	35	
Pullman	32	3			1	2	2	2	7	5	7	5	
YAKIMA	1,182	102	26	14	25	28	54	109	164	307	244	108	
Yakima	493	26	4	1	7	9	22	43	72	137	120	52	1

Table 22

DEATHS BY COUNTIES AND CITIES OF 10,000 AND OVER, BY MONTHS, 1954
(allocated to county and city of residence)

County and City	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STATE TOTAL	23,238	2,118	1,788	2,035	1,962	2,023	1,868	1,864	1,829	1,798	1,932	1,865	2,156
ADAMS	50	1	2	6	4	4	8	1	3	2	3	8	8
ASOTIN	152	14	13	18	15	14	10	13	7	9	13	13	13
BENTON	307	28	27	26	23	27	30	28	24	27	26	21	20
Kennewick	101	10	13	13	4	6	7	5	9	11	9	8	6
Richland	75	6	4	5	9	7	8	10	4	4	6	5	7
CHELAN	385	40	25	25	25	29	35	30	32	29	42	36	37
Wenatchee	179	15	11	11	13	16	17	12	10	16	22	17	19
CLALLAM	262	27	16	17	15	25	22	27	27	22	24	21	19
Port Angeles	142	17	6	8	10	12	14	13	15	13	12	11	11
CLARK	720	61	50	68	58	56	49	54	56	69	60	65	74
Vancouver	325	26	21	30	23	35	20	32	29	28	19	32	30
COLUMBIA	46	9	3	3	2	1	5	3	3	1	7	3	6
COWLITZ	397	31	20	32	34	41	45	26	36	32	32	39	29
Longview	149	8	8	12	17	16	18	10	16	13	4	17	10
DOUGLAS	89	4	4	6	7	8	3	13	6	6	13	7	12
FERRY	39	5	2	2	1	3	2	3	7	6	3	1	4
FRANKLIN	111	4	7	7	14	6	10	13	11	11	10	6	12
Pasco	82	3	5	6	10	6	7	7	9	8	6	6	9
GARFIELD	32	3	1	2	1	7	5	5	2	1	2	1	7
GRANT	177	18	7	13	16	21	19	13	8	16	18	11	17
GRAYS HARBOR	572	44	35	49	47	53	43	56	43	47	43	53	59
Aberdeen	230	18	16	20	20	21	14	19	13	19	18	25	27
Hoquiam	109	12	7	10	5	9	9	10	7	8	9	13	10
ISLAND	92	11	3	8	10	8	7	7	9	8	7	8	6
JEFFERSON	100	9	14	3	12	5	6	7	8	8	13	7	7
KING	7,579	676	629	662	630	643	614	617	591	575	619	626	697
Renton	132	12	17	13	10	10	13	10	8	7	11	10	11
Seattle	5,712	531	459	481	474	481	448	461	453	456	453	474	541
KITSAP	661	58	51	56	70	60	49	43	50	52	50	57	65
Bremerton	224	26	16	20	23	22	16	12	16	17	17	13	26
KITTITAS	175	21	16	12	16	15	12	8	12	15	13	12	23

Table 22 (cont'd)

County and City	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
KLICKITAT	141	5	7	14	12	13	10	12	9	18	15	17
LEWIS	506	46	55	38	46	47	44	37	36	38	32	49
LINCOLN	97	12	8	6	9	9	8	5	9	6	12	6
MASON	140	10	11	9	16	10	20	13	9	11	12	7
OKANOGAN	228	18	14	22	18	10	16	20	19	15	21	26
PACIFIC	164	16	13	15	17	16	17	13	8	8	9	19
PEND OREILLE	67	5	7	4	6	4	3	6	8	4	8	6
PIERCE	2,588	246	242	229	228	202	210	213	179	212	198	236
Puyallup	153	9	12	17	10	14	10	18	13	18	9	17
Tacoma	1,644	157	153	131	149	125	151	134	118	121	139	149
SAN JUAN	33	4	3	5	3	3	2	3	3	4	1	3
SKAGIT	444	49	28	42	42	40	34	34	34	42	29	39
SKAMANIA	34	3	4	2	4	2	1	4	4	6	6	1
SNOHOMISH	1,271	97	133	99	141	105	103	95	89	107	111	100
Everett	444	36	48	28	48	31	45	35	32	31	44	32
SPOKANE	2,437	236	201	231	199	184	174	198	196	206	197	236
Spokane	1,931	192	149	183	155	133	140	155	146	174	156	197
STEVENS	200	18	17	16	13	23	22	13	16	18	18	14
THURSTON	489	51	43	43	48	32	42	26	37	39	36	48
Olympia	203	21	20	18	18	13	15	10	18	23	15	19
WAHKIAKUM	34	6	2	2	2	1	1	7	2	3	1	4
WALLA WALLA	354	29	33	23	34	26	35	34	26	36	22	36
Walla Walla	255	23	21	20	18	16	29	22	21	28	16	27
WHATCOM	658	78	56	46	56	57	51	64	33	55	47	64
Bellingham	414	44	34	27	40	36	32	35	19	33	36	42
WHITMAN	225	24	31	14	15	16	19	17	14	23	15	19
Pullman	32	5	5	2	3	3	2	1	1	3	4	2
YAKIMA	1,182	101	112	102	88	100	85	84	133	83	80	111
Yakima	493	45	44	38	39	46	30	33	42	41	41	49

DEATHS OCCURRING IN THE COUNTIES AND CITIES OF 10,000 AND OVER,
BY PLACE OF DEATH, 1954

County and City	Total	General Hospitals	Mental Inst.	Tuberculosis Sanitariums	Special & Other Inst.	Nursing Homes	Home	Other & Not Stated
STATE TOTAL	23,415	11,685	864	172	282	2,147	6,737	1,528
ADAMS	47	28					14	5
ASOTIN	129	63				16	42	8
BENTON	261	167				1	61	32
Kennewick	89	56				1	24	8
Richland	78	56					12	10
CHELAN	382	236				14	96	36
Wenatchee	251	176				8	45	22
CLALLAM	234	107				33	66	28
Port Angeles	138	92					33	13
CLARK	879	594				73	168	44
Vancouver	655	536				22	70	27
COLUMBIA	43	14				11	18	
COWLITZ	374	208				40	100	26
Longview	282	208				32	33	9
DOUGLAS	55	10				10	25	10
ERRY	17	10					4	3
FRANKLIN	108	68				4	26	10
Pasco	96	68				4	17	7
GARFIELD	21	13				1	5	2
GRANT	153	72				2	43	36
GRAYS HARBOR	546	278		1		62	144	61
Aberdeen	345	254				23	51	17
Hoquiam	63					29	27	7
ISLAND	68	1				13	47	7
JEFFERSON	81	44				4	30	3
KING	7,461	3,737	35	81	136	631	2,298	543
Renton	216	126				36	33	21
Seattle	6,277	3,500	23	1	136	453	1,728	436
KITSAP	639	274				107	219	39
Bremerton	383	274				26	58	25
KITTITAS	168	103				4	49	12
KLICKITAT	109	53				1	37	18
LEWIS	480	198	17	2		74	159	30
LINCOLN	51	7			5	5	28	6
MASON	131	72				7	42	10
OKANOGAN	245	133				9	92	11
PACIFIC	154	85				14	44	11
WEND OREILLE	59	28					19	12

Table 23 (cont'd)

County and City	Total	General Hospitals	Mental Inst.	Tuberculous Sanitariums	Special & Other Inst.	Nursing Homes	Home	Other & Not Stated
PIERCE	2,936	1,457	383	8	91	258	609	130
Puyallup	228	71			79	40	36	2
Tacoma	1,867	1,265		8	12	140	360	82
SAN JUAN	21						15	6
SKAGIT	642	240	218			38	129	17
SKAMANIA	19					5	10	4
SNOHOMISH	1,144	492		3	3	82	509	55
Everett	615	386				22	190	17
SPOKANE	2,766	1,380	211	8	46	304	712	105
Spokane	2,297	1,349			46	272	567	63
STEVENS	172	115				1	49	7
THURSTON	438	197				55	145	41
Olympia	320	197				43	65	15
WAHKIAKUM	14					1	12	1
WALLA WALLA	408	173		61	1	45	114	14
Walla Walla	345	173		57	1	16	88	10
WHATCOM	644	378		1		60	164	41
Bellingham	378	204				58	100	16
WHITMAN	171	88					66	17
Pullman	37	26					9	2
YAKIMA	1,145	562		7		162	327	87
Yakima	608	417				52	112	27

DEATHS FROM DISEASES OF THE HEART, FROM MALIGNANT NEOPLASMS, FROM VASCULAR
 LESIONS AFFECTING CENTRAL NERVOUS SYSTEM, AND FROM ALL ACCIDENTS
 WITH RATES PER 100,000 POPULATION, 1954
 (allocated to county and city of residence)

County and City	Diseases of the Heart (410-443)		Malignant Neoplasms (140-205)		Vascular Lesions Affecting Central Nervous System (330-334)		All Accidents (E800-E962)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	8,938	348.3	3,670	143.0	2,778	108.3	1,399	54.5
ADAMS	19	218.4	7	80.5	3	34.5	4	46.0
ASOTIN	58	491.5	25	211.9	15	127.1	13	110.2
BENTON	116	181.8	43	67.4	17	26.6	26	40.8
Kennewick	41	320.3	10	78.1	9	70.3	8	62.5
Richland	23	80.7	12	42.1	3	10.5	6	21.1
CHELAN	140	337.3	59	142.2	34	81.9	28	67.5
Wenatchee	64	402.5	27	169.8	15	94.3	10	63.0
CLALLAM	94	343.1	39	142.3	41	149.6	27	98.5
Port Angeles	54	461.5	22	188.0	28	239.3	14	119.7
CLARK	287	336.9	109	127.9	97	113.8	28	32.9
Vancouver	137	329.3	49	117.8	41	98.6	10	24.0
COLUMBIA	20	408.2	9	183.7	4	81.6	2	40.8
COWLITZ	149	253.0	50	84.9	45	76.4	37	62.8
Longview	50	213.7	15	64.1	16	68.4	14	59.8
DOUGLAS	138	294.6	12	93.0	8	62.0	4	31.0
FERRY	8	186.0	7	162.8	5	116.3	4	93.0
FRANKLIN	32	158.4	14	69.3	11	54.5	19	94.1
Pasco	25	179.9	9	64.7	7	50.4	16	115.1
GARFIELD	11	343.7	3	93.7	2	62.5	5	156.2
GRANT	56	160.5	25	71.6	19	54.4	17	48.7
GRAYS HARBOR	188	338.1	93	167.3	81	145.7	38	68.3
Aberdeen	81	401.0	40	198.0	38	188.1	9	44.6
Hoquiam	34	303.6	14	125.0	17	151.8	13	116.1
ISLAND	40	310.1	14	108.5	5	38.8	10	77.5
JEFFERSON	43	443.3	16	164.9	10	103.1	5	51.5
KING	2,979	386.3	1,267	164.3	893	115.8	428	55.5
Renton	47	278.1	21	124.3	17	100.6	5	29.6
Seattle	2,275	414.3	952	173.4	701	127.7	288	52.4
KITSAP	262	303.2	95	110.0	79	91.4	33	38.2
Bremerton	80	241.0	29	87.3	31	93.4	8	24.1
KITTITAS	72	327.3	25	113.6	22	100.0	14	63.6
LICKITAT	40	317.5	24	190.5	12	95.2	21	166.7
LEWIS	170	383.7	97	219.0	76	171.6	25	56.4

Table 24 (cont'd)

County and City	Diseases of the Heart (410-443)		Malignant Neoplasms (140-205)		Vascular Lesions Affecting Central Nervous System (330-334)		All Accidents (E800-E962)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
LINCOLN	36	318.6	13	115.0	4	35.4	6	53.1
MASON	59	383.1	26	168.8	15	97.4	10	64.9
OKANOGAN	82	275.2	36	120.8	32	107.4	17	57.0
PACIFIC	81	485.0	25	149.7	13	77.8	10	59.9
PEND OREILLE	22	265.1	14	168.7	11	132.5	5	60.2
PIERCE	1,033	346.5	383	128.5	301	101.0	138	46.3
Puyallup	73	695.2	16	152.4	15	142.9	7	66.7
Tacoma	664	429.5	253	163.6	192	124.2	82	53.0
SAN JUAN	13	406.2	4	125.0	2	62.5	4	125.0
SKAGIT	181	404.0	53	118.3	55	122.8	28	62.5
SKAMANIA	16	307.7	5	96.2	3	57.7	2	38.5
SNOHOMISH	456	350.8	211	162.3	176	135.4	64	49.2
Everett	172	507.4	62	182.9	69	203.5	22	64.9
SPOKANE	978	387.5	375	148.6	288	114.1	128	50.7
Spokane	770	430.2	299	167.0	231	129.1	94	52.5
STEVENS	74	371.9	29	145.7	31	155.8	11	55.3
THURSTON	194	411.0	78	165.3	54	114.4	38	80.5
Olympia	81	476.5	37	217.6	20	117.6	15	88.2
WAHKIAKUM	6	150.0	4	100.0	7	175.0	6	150.0
WALLA WALLA	120	284.4	53	125.6	56	132.7	14	33.2
Walla Walla	82	322.8	38	149.6	42	165.4	8	31.5
WHATCOM	265	382.9	98	141.6	99	143.1	36	52.0
Bellingham	172	487.3	57	161.5	62	175.6	17	48.2
WHITMAN	83	260.2	34	106.6	22	69.0	18	56.4
Pullman	9	77.6	7	60.3	2	17.2	2	17.2
YAKIMA	417	289.4	196	136.0	130	90.2	76	52.7
Yakima	179	437.7	94	229.8	65	158.9	24	58.7

DEATHS FROM CERTAIN DISEASES OF EARLY INFANCY, FROM INFLUENZA AND PNEUMONIA,
FROM GENERAL ARTERIOSCLEROSIS, AND FROM SUICIDE,
WITH RATES PER 100,000 POPULATION, 1954
(allocated to county and city of residence)

County and City	Certain Diseases of Early Infancy (760-776)		Influenza and Pneumonia (480-493)		General Arteriosclerosis (450)		Suicide (970-979)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	924	36.0	612	23.8	590	23.0	424	16.5
ADAMS	4	46.0	2	23.0	2	23.0		
ASOTIN	2	16.9	3	25.4	10	84.7	1	8.5
BENTON	28	43.9	11	17.2	4	6.3	6	9.4
Kennewick	6	46.9	3	23.4	3	23.4	3	23.4
Richland	12	42.1	4	14.0			1	3.5
CHELAN	24	57.8	8	19.3	13	31.3	5	12.0
Wenatchee	11	69.2	4	25.2	7	44.0	4	25.2
CLALLAM	13	47.4	3	10.9	5	18.2	3	10.9
Port Angeles	5	42.7	2	17.1	2	17.1	3	25.6
CLARK	17	20.0	20	23.5	28	32.9	15	17.6
Vancouver	7	16.8	9	21.6	11	26.4	9	21.6
COLUMBIA	2	40.8			1	20.4	2	40.8
COWLITZ	15	25.5	15	25.5	6	10.2	6	10.2
Longview	10	42.7	4	17.1	2	8.5	3	12.8
DOUGLAS	10	77.5			3	23.3	1	7.8
FERRY	2	46.5	3	69.8				
FRANKLIN	6	29.7	2	9.9	3	14.9		
Pasco	4	28.8	1	7.2	2	14.4		
GARFIELD	1	31.3			2	62.5		
GRANT	22	63.0	9	25.8	4	11.5	1	2.9
GRAYS HARBOR	20	36.0	13	23.4	14	25.2	9	16.2
Aberdeen	9	44.6	8	39.6	7	34.7	2	9.9
Hoquiam	3	26.8			2	17.9	1	8.9
ISLAND	3	23.3	3	23.3	1	7.8	2	15.5
JEFFERSON	7	72.2	1	10.3	1	10.3	1	10.3
KING	269	54.9	245	31.8	116	15.0	168	21.8
Renton	11	65.1	2	11.8	1	5.9	1	5.9
Seattle	178	32.4	187	34.1	96	17.5	127	23.1
KITSAP	31	35.9	10	11.6	14	16.2	15	17.4
Bremerton	16	48.2	2	6.0	5	15.1	5	15.1
KITTITAS	4	18.2	1	4.5	4	18.2	1	4.5
KLICKITAT	8	63.5	4	31.7	4	31.7	4	31.7
LEWIS	13	29.3	6	13.5	12	27.1	5	11.3
LINCOLN	6	53.1	4	35.4	3	26.5	1	8.8
MASON	4	26.0	1	6.5	3	19.5	3	19.5
OKANOGAN	16	53.7	4	13.4			4	13.4

Table 25 (cont'd)

County and City	Certain Diseases of Early Infancy (760-776)		Influenza and Pneumonia (480-493)		General Arteriosclerosis (450)		Suicide (970-979)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
PACIFIC	5	29.9	4	24.0	2	12.0	1	6.0
PEND OREILLE	1	12.0	2	24.1	4	48.2	2	24.1
PIERCE	111	37.2	51	17.1	66	22.1	50	16.8
Puyallup	6	57.1	3	28.6	6	57.1	2	19.0
Tacoma	65	42.0	24	15.5	28	18.1	33	21.3
SAN JUAN	1	31.5						
SKAGIT	16	35.7	20	44.6	9	20.1	5	11.2
SKAMANIA	1	19.2	1	19.2			2	38.5
SNOHOMISH	43	33.1	34	26.2	25	19.2	25	19.2
Everett	14	41.3	11	32.4	7	20.6	7	20.6
SPOKANE	95	37.6	65	25.8	134	53.1	39	15.5
Spokane	76	42.5	54	30.2	113	63.1	30	16.8
STEVENS	9	45.2			9	45.2	8	40.2
THURSTON	18	38.1	7	14.8	11	23.3	5	10.6
Olympia	5	29.4	2	11.8	5	29.4	2	11.8
WAHKIAKUM			1	25.0			1	25.0
WALLA WALLA	6	14.2	6	14.2	19	45.0	3	7.1
Walla Walla	2	7.9	1	3.9	16	63.0	3	11.8
WHATCOM	27	39.0	12	17.3	13	18.8	11	15.9
Bellingham	19	53.8	8	22.7	7	19.8	6	17.0
WHITMAN	8	25.1	4	12.5	12	37.6	3	9.4
Pullman	2	17.2	1	8.6	2	17.2	1	8.6
YAKIMA	56	38.9	37	25.7	33	22.9	16	11.1
Yakima	17	41.6	9	22.0	19	46.5	4	9.8

DEATHS FROM DIABETES MELLITUS, FROM CONGENITAL MALFORMATIONS, FROM CIRRHOSIS
OF THE LIVER, AND FROM CHRONIC AND UNSPECIFIED NEPHRITIS,
WITH RATES PER 100,000 POPULATION, 1954
(allocated to county and city of residence)

County and City	Diabetes Mellitus (260)		Congenital Malformations (750-759)		Cirrhosis of the Liver (581)		Chronic and Unspecified Nephritis (592-594)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	366	14.3	347	13.5	207	8.1	163	6.4
ADAMS	3	34.5	1	11.5				
ASOTIN			3	25.4	2	16.9		
BENTON	6	9.4	10	15.7	1	1.6	3	4.7
Kennewick	1	7.8	2	15.6			2	15.6
Richland	2	7.0	4	14.0			1	3.5
CHELAN	7	16.9	5	12.0	1	2.4	1	2.4
Wenatchee	2	12.6	1	6.3			1	6.3
CLALLAM	2	7.3	3	10.9	4	14.6	2	7.3
Port Angeles					2	17.1	1	8.5
CLARK	7	8.2	17	20.0	4	4.7	6	7.0
Vancouver	1	2.4	6	14.4	3	7.2	3	7.2
COLUMBIA	1	20.4			1	20.4		
COWLITZ	9	15.3	7	11.9	5	8.5	4	6.8
Longview	4	17.1	6	25.6	2	8.5	1	4.3
DOUGLAS	1	7.8	2	15.5	1	7.8		
FERRY			1	23.3	1	23.3	1	23.3
FRANKLIN	2	9.9	5	24.8				
Pasco	1	7.2	3	21.6				
GARFIELD							1	31.3
GRANT	1	2.9	3	8.6	1	2.9	1	2.9
GRAYS HARBOR	15	27.0	7	12.6	4	7.2	5	9.0
Aberdeen	5	24.8	1	5.0	1	5.0		
Hoquiam	3	26.8	2	17.9	1	8.9		
ISLAND	3	23.3					3	23.3
JEFFERSON	1	10.3	2	20.6	1	10.3	1	10.3
KING	114	14.8	97	12.6	87	11.3	43	5.6
Renton	3	17.8	3	17.8	3	17.8		
Seattle	69	12.6	65	11.8	75	13.7	33	6.0
KITSAP	9	10.4	10	11.6	4	4.6	3	3.5
Bremerton	1	3.0	8	24.1			2	6.0
KITTITAS	5	22.7	1	4.5	1	4.5	2	9.1
KLICKITAT			2	15.9	1	7.9	1	7.9
LEWIS	18	40.6	11	24.8	1	2.3	5	11.3

Table 26 (cont'd)

County and City	Diabetes Mellitus (260)		Congenital Malformations (750-759)		Cirrhosis of the Liver (581)		Chronic and Unspecified Nephritis (592-594)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
LINCOLN	5	44.2	2	17.7	1	8.8	1	8.8
MASON			1	6.5	1	6.5	2	13.0
OKANOGAN	2	6.7	2	6.7	1	3.4		
PACIFIC	1	6.0	3	18.0	1	6.0		
PEND OREILLE								
PIERCE	42	14.1	45	15.1	31	10.4	21	7.0
Puyallup	2	19.0	1	9.5	1	9.5	4	38.1
Tacoma	30	19.4	25	16.2	24	15.5	12	7.8
SAN JUAN	1	31.3					1	31.3
SKAGIT	6	13.4	10	22.3	1	2.2	6	13.4
SKAMANIA					1	19.2		
SNOHOMISH	21	16.2	17	13.1	12	9.2	11	8.5
Everett	8	23.6	3	8.8	7	20.6	4	11.8
SPOKANE	27	10.7	36	14.3	14	5.5	12	4.8
Spokane	20	11.2	29	16.2	11	6.1	10	5.6
STEVENS	1	5.0	2	10.1			4	20.1
THURSTON	9	19.1	4	8.5	4	8.5	4	8.5
Olympia	1	5.9	1	5.9	3	17.6	2	11.8
WAHKIAKUM	1	25.0						
WALLA WALLA	7	16.6	6	14.2	6	14.2	3	7.1
Walla Walla	7	27.6	5	19.7	3	11.8	3	11.8
WHATCOM	12	17.3	7	10.1	6	8.7	3	4.3
Bellingham	10	28.3	6	17.0	3	8.5	3	8.5
WHITMAN	9	28.2	2	6.3	2	6.3	2	6.3
Pullman								
YAKIMA	18	12.5	23	16.0	6	4.2	10	6.9
Yakima	9	22.0	9	22.0	4	9.8	4	9.8

Table 27

DEATHS FROM TUBERCULOSIS BY PLACE OF RESIDENCE, FROM MOTOR VEHICLE ACCIDENTS
AND FROM HOMICIDE BY PLACE OF RESIDENCE AND BY PLACE OF OCCURRENCE
FOR THE COUNTIES AND CITIES OF 10,000 AND OVER,
WITH RATES PER 100,000 POPULATION, 1954

County and City	Tuberculosis		Motor Vehicle Accidents				Homicide			
	Residence		Residence		Occurrence		Residence		Occurrence	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	125	4.9	480	18.7	459	17.9	85	3.3	83	3.2
ADAMS	1	11.5	1	11.5	4	46.0				
ASOTIN	2	16.9	4	33.9	5	42.4	1	8.5	2	16.9
BENTON	3	4.7	11	17.2	8	12.5	3	4.7	3	4.7
Kennewick	1	7.8	4	31.2	4	31.2	3	23.4	3	23.4
Richland			2	7.0	1	3.5				
CHELAN	2	4.8	10	24.1	10	24.1	1	2.4	1	2.4
Wenatchee	2	12.6	2	12.6	1	6.3	1	6.3	1	6.3
CLALLAM	1	3.6	6	21.9	4	14.6			1	3.6
Port Angeles			2	17.1						
CLARK	2	2.3	11	12.9	10	11.7	3	3.5	3	3.5
Vancouver	2	4.8	5	12.0	6	14.4	1	2.4	1	2.4
COLUMBIA										
COWLITZ	1	1.7	9	15.3	8	13.6				
Longview			3	12.8	4	17.1				
DOUGLAS	1	7.8	2	15.5	2	15.5				
FERRY	1	23.3	3	69.8	3	69.8	1	23.3		
FRANKLIN	1	5.0	5	24.8	6	29.7				
Pasco	1	7.2	4	28.8	3	21.6				
GARFIELD			5	156.3	1	31.3				
GRANT	1	2.9	7	20.1	13	37.2			1	2.9
GRAYS HARBOR	5	9.0	12	21.6	16	28.8	1	1.8	1	1.8
Aberdeen	2	9.9	4	19.8	4	19.8			1	5.0
Hoquiam			2	17.9	1	8.9				
ISLAND			5	38.8	2	15.5	1	7.8	2	15.5
JEFFERSON	1	10.3	1	10.3	2	20.6	1	10.3	1	10.3
KING	49	6.4	127	16.5	107	13.9	30	3.9	26	3.4
Renton	1	5.9	2	11.8	14	82.8				
Seattle	33	6.0	75	13.7	67	12.2	26	4.7	23	4.2
KITSAP	4	4.6	10	11.6	12	13.9	4	4.6	6	6.9
Bremerton			3	9.0	10	30.1	2	6.0	3	9.0
KITTITAS	1	4.5	7	31.8	8	36.4				
KLICKITAT			9	71.4	4	31.7				
LEWIS	4	9.0	7	15.8	9	20.3	2	4.5	2	4.5
LINCOLN					2	17.7				
MASON	1	6.5	4	26.0	2	13.0				

Table 27 (cont'd)

County and City	Tuberculosis		Motor Vehicle Accidents				Homicide			
	Residence		Residence		Occurrence		Residence		Occurrence	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
OKANOGAN	1	3.4	9	30.2	8	26.8	2	6.7	2	6.7
PACIFIC			2	12.0	2	12.0				
PEND OREILLE					3	36.1			1	12.0
PIERCE	9	3.0	56	18.8	54	18.1	10	3.4	8	2.7
Puyallup	2	19.0	2	19.0	3	28.6				
Tacoma	7	4.5	33	21.3	35	22.6	9	5.8	7	4.5
SAN JUAN			2	62.5	2	62.5				
SKAGIT	2	4.5	12	26.8	15	33.5	2	4.5	2	4.5
SKAMANIA										
SNOHOMISH	3	2.3	16	12.3	18	13.8	3	2.3	2	1.5
Everett			7	20.6	12	35.4	1	2.9	1	2.9
SPOKANE	14	5.5	55	21.8	38	15.1	6	2.4	6	2.4
Spokane	11	6.1	35	19.6	28	15.6	4	2.2	6	3.4
STEVENS	2	10.1	6	30.2	6	30.2	2	10.1	2	10.1
THURSTON	2	4.2	9	19.1	13	27.5				
Olympia			6	35.3	5	29.4				
WAHKIAKUM	1	25.0								
WALLA WALLA	4	9.5	4	9.5	4	9.5	1	2.4	1	2.4
Walla Walla	3	11.8	3	11.8	2	7.9	1	3.9		
WHATCOM	1	1.4	12	17.3	11	15.9	2	2.9	1	1.4
Bellingham	1	2.8	5	14.2	4	11.3			1	2.8
WHITMAN			5	15.7	6	18.8				
Pullman										
YAKIMA	5	3.5	36	25.0	41	28.5	9	6.2	9	6.2
Yakima	3	7.3	10	24.4	11	26.9	2	4.9	3	7.3

Table 28

DEATHS FROM INFECTIVE AND PARASITIC DISEASES BY COUNTIES AND CITIES
OF 10,000 AND OVER BY PLACE OF RESIDENCE, 1954

County and City	Total	Syphilis & its Sequelae (020-029)	Dysentery, all forms (045-048)	Scarlet fever & streptococcal sore throat (050-051)	Septicaemia and Pyaemia (053)	Diphtheria (055)	Whooping Cough (056)	Meningococcal Infections (057)	Acute Polio-myelitis (080)	Acute Infectious Encephalitis (082)	Measles (085)	Infectious Hepatitis (092)	All Others*
STATE TOTAL	181	87	4	3	8	3	4	14	12	4	8	11	23
ADAMS													
ASOTIN	2								2				
BENTON	2	1										1	
Kennewick	1	1										1	
Richland	1											1	
CHELAN	4	1						2				1	
Wenatchee	2							1				1	
CLALLAM	1										1		
Port Angeles													
LARK	14	6	1		1			1	1			2	2
Vancouver	6	2			1							1	2
COLUMBIA													
COWLITZ	2						1	1					
Longview	1							1					
DOUGLAS													
FERRY	1	1											
FRANKLIN	1				1								
Pasco	1				1								
GARFIELD	1	1											
GRANT													
GRAYS HARBOR	4	1							1	1			1
Aberdeen	2	1							1				
Hoquiam	1									1			
ISLAND													
JEFFERSON													
KING	64	36	1	1	3	1	1	3	3		3	5	7
Renton	1		1										
Seattle	49	28		1	1	1		2	2		3	4	7
KITSAP	7	3		1				1					2
Bremerton	3	3											
KITTITAS	1	1											
KLICKITAT	1	1											
LEWIS	2							1					1

Table 28 (cont'd)

County and City	Total	Syphilis & its Sequelae (020-029)	Dysentery, all forms (045-048)	Scarlet fever & streptococcal sore throat (050-051)	Septicaemia and Pyaemia (053)	Diphtheria (055)	Whooping Cough (056)	Meningococcal Infections (057)	Acute Poliomyelitis (080)	Acute Infectious Encephalitis (082)	Measles (085)	Infectious Hepatitis (092)	All Others*
LINCOLN	1	1											
MASON	2	1											
OKANOGAN	1	1							1				
PACIFIC	2	2											
PEND OREILLE	1					1							
PIERCE	22	10	1		2			2			3	1	3
Puyallup	1	1											
Tacoma	13	7			1			2			2		2
SAN JUAN	1		1										
SKAGIT													
SKAMANIA													
VOHOMISH	8	5									1		2
Everett	3	2											1
SPOKANE	8	2		1	1	1							3
Spokane	6	2		1		1							2
STEVENS	2	1						1					
THURSTON	3	3											
Olympia	3	3											
WAHKIAKUM													
WALLA WALLA	1	1											
Walla Walla	1	1											
WHATCOM													
Bellingham													
WHITMAN	2	1							1				
Pullman													
YAKIMA	20	7					2	2	3	3		1	2
Yakima	5	3						1					1

* Includes 049, 052, 054, 061, 081, 083, 087, 088, 096, 128, 133, 134, and 138 of the International Statistical Classification of Causes of Death, 6th revision.

MATERNAL MORTALITY, 1954

Resident Maternal Deaths by Race Resident Maternal Deaths by Age Group
with Rates per 10,000 Livebirths

Resident Maternal Deaths by Race		Resident Maternal Deaths by Age Group with Rates per 10,000 Livebirths		
Total	29		Number	Rate
White	23	Total	29	4.6
Negro	4	15 - 19	2	2.7
Indian	1	20 - 24	7	3.4
Other	1	25 - 29	5	2.9
		30 - 34	3	2.7
		35 - 39	4	8.0
		40 - 45	8	64.5

Resident Maternal Deaths by Cause

Total All Causes (640-689)	29
Sepsis of pregnancy, childbirth and puerperium (640, 641, 684)	2
Toxemias of pregnancy and puerperium (642, 685)	8
Hemorrhage of pregnancy and childbirth (672)	1
Ectopic pregnancy (645)	3
Abortion without mention of sepsis or toxemia (650)	1
Abortion with toxemia or sepsis (651)	2
Delivery complicated by placenta praevia or antepartum hemorrhage (670)	3
Other complications of pregnancy, childbirth, and puerperium (648, 660, 674, 677, 678, 682, 688)	9

Maternal Deaths by Counties and Cities of Residence and by Occurrence

Residence Occurrence			Residence Occurrence		
STATE TOTAL	29	29			
ASOTIN	1		PIERCE	4	5
CLARK		1	Tacoma	2	2
COWLITZ	1	1	SKAGIT	1	1
Longview		1	SNOHOMISH	2	2
GARFIELD	1	1	Everett		1
GRANT	2	2	SPOKANE	2	2
GRAYS HARBOR	1		Spokane	2	2
KING	10	10	THURSTON	1	1
Seattle	10	7	Olympia		1
KITSAP	1	1	WHATCOM	1	1
Bremerton	1		Bellingham		1
OKANOGAN	1	1			

INFANT MORTALITY AND NEONATAL MORTALITY BY COUNTIES AND CITIES OF 10,000
AND OVER, BY PLACE OF RESIDENCE AND BY PLACE OF OCCURRENCE,
WITH RATES PER 1,000 LIVEBIRTHS, 1954

County and City	Infant Mortality				Neonatal Mortality			
	Residence		Occurrence		Residence		Occurrence	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	1,514	24.1	1,542	23.7	1,112	17.7	1,139	17.5
ADAMS	6	25.9	2	19.4	3	13.0	1	9.7
ASOTIN	4	13.3	4	16.5	3	10.0	1	4.1
BENTON	44	21.3	37	16.5	33	16.0	30	13.4
Kennewick	11	16.5	10	15.4	7	10.5	7	10.8
Richland	18	20.6	18	18.6	14	16.1	15	15.5
CHELAN	32	29.3	40	30.7	27	24.7	34	26.1
Wenatchee	12	26.3	26	24.9	12	26.3	24	23.0
CLALLAM	20	27.7	20	28.7	12	16.6	14	20.1
Port Angeles	6	17.2	12	19.8	4	11.5	9	14.9
CLARK	36	18.1	50	20.8	28	14.1	40	16.7
Vancouver	14	14.4	40	21.3	10	10.3	32	17.0
COLUMBIA	2	20.2	2	18.2	2	20.2	2	18.2
COWLITZ	26	16.7	34	21.0	16	10.3	23	14.2
Longview	11	14.9	29	17.9	10	13.5	23	14.2
DOUGLAS	13	39.8	2	71.4	11	33.6		
FERRY	5	39.7	3	45.5	3	23.8	2	30.3
FRANKLIN	15	24.9	13	18.2	8	13.3	8	11.2
Pasco	12	27.1	13	20.5	5	11.3	8	12.6
GARFIELD	1	13.7	2	29.0	1	13.7	1	14.5
GRANT	32	24.7	28	23.7	22	17.0	21	17.8
GRAYS HARBOR	32	26.6	35	30.0	25	20.8	27	23.1
Aberdeen	13	33.6	29	27.5	10	25.8	24	22.7
Hoquiam	6	26.2			5	21.8		
ISLAND	7	14.3	2	3.8	3	6.1		
JEFFERSON	10	44.2	6	34.5	6	26.5	4	23.0
KING	424	22.5	451	22.6	324	17.2	330	16.5
Renton	18	28.6	30	17.8	14	22.2	27	16.0
Seattle	272	23.4	388	22.6	217	18.7	291	17.0
KITSAP	51	23.7	54	24.9	39	18.1	42	19.4
Bremerton	24	23.3	44	20.8	22	21.4	39	18.4
KITTITAS	5	12.0	8	18.3	5	12.0	8	18.3
KLICKITAT	13	33.9	9	27.7	10	26.1	7	21.5
LEWIS	30	32.9	26	27.5	19	20.8	14	14.8
LINCOLN	10	40.2	4	51.3	7	28.1	2	25.6
MASON	6	15.3	5	14.6	4	10.2	3	8.7

Table 30 (cont'd)

County and City	Infant Mortality				Neonatal Mortality			
	Residence		Occurrence		Residence		Occurrence	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
OKANOGAN	21	28.0	25	27.1	16	21.3	19	20.6
PACIFIC	7	20.8	6	17.9	6	17.8	5	14.9
PEND OREILLE	3	15.5	1	5.0	1	5.2		
PIERCE	178	29.0	193	24.3	138	22.5	151	19.0
Puyallup	7	26.1	10	17.1	7	26.1	7	12.0
Tacoma	100	26.4	110	25.2	80	21.1	84	19.2
SAN JUAN	1	24.4			1	24.4		
SKAGIT	26	26.1	24	23.9	19	19.1	19	18.9
SKAMANIA	1	9.1			1	9.1		
SNOHOMISH	83	25.8	74	33.4	48	14.9	46	20.7
Everett	29	30.5	46	25.2	16	16.8	32	17.5
SPOKANE	155	22.5	181	23.9	124	18.0	144	19.0
Spokane	122	24.1	150	24.7	97	19.1	122	20.1
STEVENS	15	35.3	13	31.7	9	21.2	7	17.1
THURSTON	28	27.9	21	24.7	20	19.9	15	17.6
Olympia	8	22.0	16	19.1	6	16.5	14	16.7
WASHPAKUM	2	24.7	2	*				
WALLA WALLA	12	14.0	16	15.4	10	11.7	15	14.5
Walla Walla	5	9.6	16	15.4	4	7.7	15	14.5
WHATCOM	43	27.1	41	26.5	32	20.2	30	19.4
Bellingham	30	37.9	36	25.9	23	29.1	28	20.1
WHITMAN	13	19.1	11	21.3	9	13.2	7	13.6
Pullman	3	12.4	4	16.5	2	8.3	4	16.5
YAKIMA	102	27.8	97	27.8	67	18.2	67	19.2
Yakima	26	18.1	48	19.4	20	13.9	40	16.2

* Not enough occurrence births to compute rate

Table 31

INFANT MORTALITY BY AGE, SEX, AND CAUSE, 1954

Cause and International List Number	Total		Under 1 day		7 days		28 days		3 mo.		6 mo.		9 mo.			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Total	852	662	316	256	238	190	65	46	97	64	63	58	34	29	39	19
All infective and parasitic diseases (001-138)	7	6					2	1	3	3	2	2	2	2		2
Malignant Neoplasms (140-204)	3	2			1											2
Diseases of Thymus gland (273)	3	2					1	2	2	2						
Meningitis, except meningococcal and tuberculous (340)	5	4			1	1	1	1	2	2			1	1		
Influenza and pneumonia, except pneumonia of newborn (480-493)	76	52							36	18	24	18	9	10	7	6
All other diseases of respiratory system (470-475, 500-527)	29	27	4	1	5	3	5	5	10	12	2	7	1	2	2	2
Hernia and intestinal obstruction (560, 561, 570)	5	6			3	1	1	2	1	1						
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn (543, 571, 572)	16	6							3	1	4	3	4	2		5
All other diseases of digestive system (530-542, 544-553, 573-587)	5	2					2	1	1	1	1	1	2			
Congenital Malformations (750-759)	149	91	31	23	47	23	16	15	26	8	10	14	9	3	10	5
Spina bifida and meningocele (751)	2	12		5			1	2	1		3			2		
Congenital malformations of circulatory system (754)	82	47	10	7	33	13	8	10	18	6	5	7	4	4	4	4
All other congenital malformations (750, 752-753, 755-759)	65	32	21	11	14	10	7	3	7	2	5	4	5	1	6	1
Certain diseases of early infancy (760-776)	500	421	277	228	180	160	35	27	4	3	1	2	1	1	3	
Birth injuries (760-761)	104	67	65	38	36	24	2	5							1	
Without mention of immaturity (760.0, 761.0)	33	26	20	12	11	11	1	3							1	
With immaturity (760.5, 761.5)	71	41	45	26	25	13	1	2								
Postnatal asphyxia and atelectasis (762)	166	129	84	61	71	64	9	2	1	1	1	1				
Without mention of immaturity (762.0)	62	50	27	21	27	27	6	3	1	1	1	1				
With immaturity (762.5)	104	79	57	40	44	37	3	2								
Pneumonia of newborn (763)	19	16		3	9	3	10	10								
Without mention of immaturity (763.0)	11	5		2	3	3	8	3								
With immaturity (763.5)	8	11		1	6	3	2	7								

Table 31 (cont'd)

Cause and International List Number	Total		Under 1 day		1 day Under 7 days		7 days Under 28 days		28 days Under 3 mo.		3 mo. Under 6 mo.		6 mo. Under 9 mo.		9 mo. Under 12 mo.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Certain diseases of early infancy (continued)																
Diarrhea of newborn (764)	1	2					1	2								
Without mention of immaturity (764.0)		2						2								
With immaturity (764.5)	1						1									
Other infections of newborn (765-768)	3	4			2		2									
Without mention of immaturity (.0)	2	2			1		2									
With immaturity (.5)	1	2			1											
Neonatal disorders arising from maternal toxemia (769)	5	9			3		1									
Without mention of immaturity (769.0-769.4)		2			1											
With immaturity (769.5-769.9)	5	7			2		1									
Hemolytic disease of newborn (erythroblastosis) (770)	5	7			1											
Without mention of immaturity (770.0-770.2)	23	25			9		2									
With immaturity (770.5-770.7)	19	22			6		4									
Hemorrhagic disease of newborn (771)	4	3			3		2									
Without mention of immaturity (771.0)	4	3			4		3									
With immaturity (771.5)	2	2			2		2									
Ill-defined diseases peculiar to early infancy, including nutritional maladjustment (772, 773)	2	1			2		1									
Without mention of immaturity (772.0, 773.0)	15	12			6		6									
With immaturity (772.5, 773.5)	6	1			1		1									
Immaturity with mention of any other subsidiary cond. (774)	9	11			5		5									
Immaturity unqualified (776)	7	8			2		5									
Symptoms and ill-defined conditions (780-795)	153	146			105		96									
All other diseases (residual)	5	1			1		1									
All Accidents (800-962)	12	16			1		1									
Inhalation and ingestion of food or other object causing obstruction or suffocation (921-922)	35	24														
Accidental mechanical suffocation in bed and cradle (924)	15	9			1		1									
All other accidental causes (800-920, 923, 925-962)	8	5														
Homocide (980-985)	12	10														
	2	2			1		1									

INFANT MORTALITY BY LEADING CAUSES, 1954
(allocated to place of residence)

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	1,514	314	295	171	141	240	128	59	166
ADAMS	6		1	1	2	1	1		
ASOTIN	4		2			1	1		
BENTON	44	9	5	6	8	8	2	2	4
Kennewick	11	1	2	1	2	2	1	1	2
Richland	18	6	2	2	2	3	1	1	1
CHELAN	32	5	8	6	5	5	1		2
Wenatchee	12		6	3	2	1			
CLALLAM	20	3	3	3	4	2	1	2	2
Port Angeles	6	1	1	1	2				1
CLARK	36	3	8	5	1	13	1		5
Vancouver	14	1	1	4	1	4	1		2
COLUMBIA	2	2							
COWLITZ	26	7	2	5	1	1	7	2	1
Longview	11	3	1	5	1			1	
DOUGLAS	13	5	3	1	1	1		1	1
FERRY	5	1			1	1	1		1
FRANKLIN	15	3	2	1		3		5	1
Pasco	12	2	1	1		2		5	1
GARFIELD	1			1					
GRANT	32	5	7	3	7	2	3	2	3
GRAYS HARBOR	32	10	3	1	6	5	3	1	3
Aberdeen	13	5	1		3	1	2		1
Hoquiam	6	2	1			2		1	
ISLAND	7			2	1			2	2
JEFFERSON	10		4	2	1	1	1		1
KING	424	75	109	55	28	69	37	22	29
Renton	18	1	4	3	3	3	1	1	2
Seattle	272	46	82	38	12	43	23	9	19
KITSAP	51	11	7	8	5	6	4	4	6
Bremerton	24	5	5	5	1	5	1	1	1

Table 32 (cont'd)

1954

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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
KITTITAS	5		2		2	1			
KLICKITAT	13	2	2	1	3	1	1		3
LEWIS	30	2	6	3	2	6	3	1	7
LINCOLN	10	3	2		1	2	2		
MASON	6	1	2	1					2
OKANOGAN	21	9	4		2	2	3		1
PACIFIC	7	2	3			1		1	
PEND OREILLE	3				1		1		1
PIERCE	178	53	25	23	10	32	10	3	22
Puyallup	7	2	4						1
Tacoma	100	33	12	14	6	20	3	1	11
SAN JUAN	1			1					
SKAGIT	26	4	2	5	5	6	3		1
SKAMANIA	1				1				
SNOHOMISH	83	18	12	6	7	11	7		22
Everett	29	6	4	2	2	2	4		9
SPOKANE	155	35	32	16	12	31	11	2	16
Spokane	122	27	27	10	12	27	6	2	11
STEVENS	15	2	2	2	3	2		1	3
THURSTON	28	11	3	2	2	2	3	1	4
Olympia	8	3	1		1	1			2
WAHKIAKUM	2						1		1
WALLA WALLA	12	1	3	1	1	3		2	1
Walla Walla	5		1	1		2		1	
WHATCOM	43	9	13	1	4	6	5	2	3
Bellingham	30	5	9	1	4	5	2	2	2
WHITMAN	13	5	1		2	2		2	1
Pullman	3		1		1				1
YAKIMA	102	18	17	9	12	13	15	1	17
Yakima	26	4	5	4	4	4	3	1	1

Table 33

INFANT MORTALITY BY COUNTIES AND CITIES OF 10,000 AND OVER, BY RACE, 1954
(allocated to place of residence)

County and City	Total	White	Negro	Indian	Japanese	Chinese	Other and Not Stated
STATE TOTAL	1,514	1,389	51	61	5	1	7
ADAMS	6	6					
ASOTIN	4	4					
BENTON	44	44					
Kennewick	11	11					
Richland	18	18					
CHELAN	32	30		2			
Wenatchee	12	12					
CLALLAM	20	17		3			
Port Angeles	6	6					
CLARK	36	34	2				
Vancouver	14	13	1				
COLUMBIA	2	2					
COWLITZ	26	26					
Longview	11	11					
DOUGLAS	13	13					
FERRY	5	3		2			
FRANKLIN	15	15					
Pasco	12	12					
GARFIELD	1	1					
GRANT	32	31	1				
GRAYS HARBOR	32	30		2			
Aberdeen	13	12		1			
Hoquiam	6	6					
ISLAND	7	7					
JEFFERSON	10	7		3			
KING	424	379	24	8	5	1	7
Renton	18	18					
Seattle	272	231	24	6	4	1	6
KITSAP	51	48	2	1			
Bremerton	24	24					
KITTITAS	5	5					
KLICKITAT	13	12		1			
LEWIS	30	30					
LINCOLN	10	10					
MASON	6	6					
OKANOGAN	21	13		8			
PACIFIC	7	7					
PEND OREILLE	3	2		1			

Table 33 (cont'd)

County and City	Total	White	Negro	Indian	Japanese	Chinese	Other and Not Stated
PIERCE	178	157	15	6			
Puyallup	7	7					
Tacoma	100	85	12	3			
SAN JUAN	1	1					
SKAGIT	26	25		1			
SKAMANIA	1	1					
SNOHOMISH	83	82		1			
Everett	29	29					
SPOKANE	155	150	5				
Spokane	122	117	5				
STEVENS	15	14		1			
THURSTON	28	27		1			
Olympia	8	8					
WAHKIAKUM	2	2					
WALLA WALLA	12	12					
Walla Walla	5	5					
WHATCOM	43	40		3			
Bellingham	30	30					
WHITMAN	13	13					
Pullman	3	3					
YAKIMA	102	83	2	17			
Yakima	26	25	1				

TUBERCULOSIS, VENEREAL DISEASES, AND POLIOMYELITIS MORBIDITY

1954

The following data on morbidity were tabulated in cooperation with the Tuberculosis Control Section, the Venereal Disease Control Section, and the Epidemiology Section of the Division of Preventive Medical Services.

MARRIAGE LICENSES ISSUED, DIVORCE DECREES, AND ANNULMENTS
GRANTED BY COUNTIES, 1954

County	Marriage Licenses Issued	Divorce Decrees Granted	Annulments Granted
TOTAL	28,780	8,247	83
A DAMS	60	21	
ASOTIN	146	45	1
BENTON	256	171	3
CHELAN	421	142	1
CLALLAM	261	65	
CLARK	2,494	333	5
COLUMBIA	85	16	1
COWLITZ	667	138	6
DOUGLAS	52	31	1
FERRY	31	13	
FRANKLIN	666	72	2
GARFIELD	34	2	
GRANT	240	92	
GRAYS HARBOR	476	189	2
ISLAND	160	26	
JEFFERSON	35	37	
KING	7,212	2,820**	*
KITSAP	783	389	3
KITTITAS	222	42	1
KLICKITAT	237	46	
LEWIS	436	119	*
LINCOLN	57	19	
MASON	208	32	
OKANOGAN	233	80	1
PACIFIC	166	44	
PEND OREILLE	55	12	
PIERCE	2,843	892	25
SAN JUAN	17	4	
SKAGIT	551	139	
SKAMANIA	2,960	15	
SNOHOMISH	1,422	398	5
SPOKANE	1,769	884	17
STEVENS	102	34	1
THURSTON	730	159	3
WAHKIAKUM	54	3	
WALLA WALLA	385	122	2
WHATCOM	886	192	*
WHITMAN	170	31	1
YAKIMA	1,148	378	2

* Annulments included in the divorce figures.

** An estimate based on the percentage of divorces granted from those filed as was found for counties reporting both items. King County reported 4,419 divorces and annulments filed.

CASES OF POLIOMYELITIS REPORTED IN THE COUNTIES AND CITIES OF
10,000 AND OVER, WITH RATES PER 100,000 POPULATION, 1954

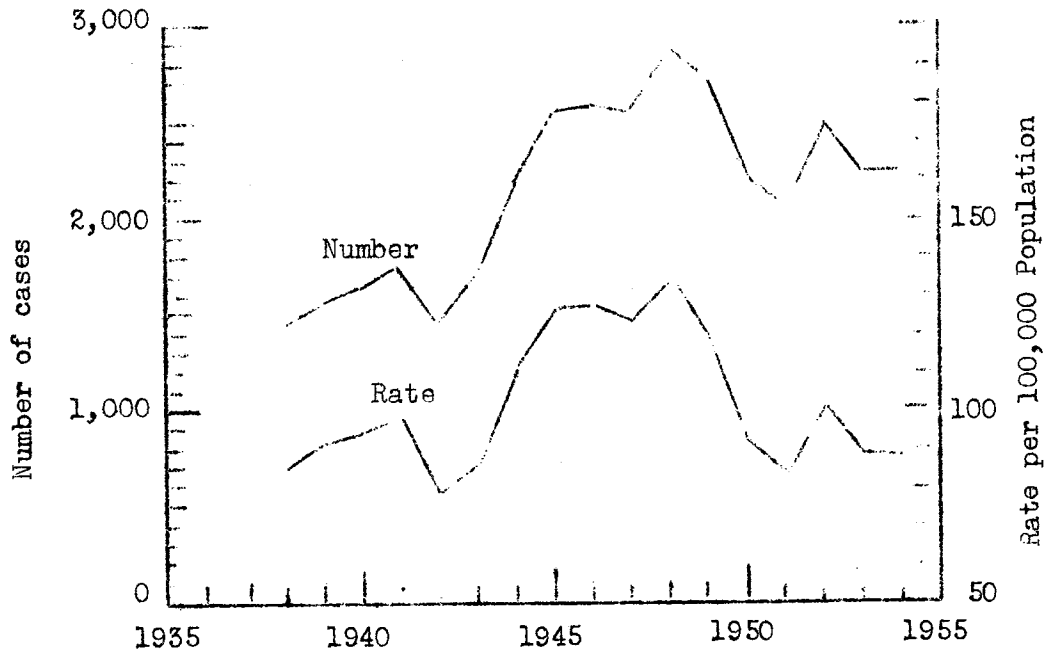
County and City	Number	Rate	County and City	Number	Rate
STATE TOTAL	489	19.1			
ADAMS	1	11.5	KITTITAS	3	13.6
ASOTIN	11	93.2	KLICKITAT	2	15.9
BENTON	17	26.6	LEWIS	8	18.1
Kennewick	6	46.9	LINCOLN	3	26.5
Richland	5	17.5	MASON	3	19.5
CHELAN	9	21.7	OKANOGAN	1	3.4
Wenatchee	5	31.4	PACIFIC		
CLALLAM	1	3.6	PEND OREILLE	3	36.1
Port Angeles	1	8.5	PIERCE	33	11.1
CLARK	10	11.7	Puyallup		
Vancouver	7	16.8	Tacoma	14	9.1
COLUMBIA			SAN JUAN		
COWLITZ	20	34.0	SKAGIT	7	15.6
Longview	14	59.8	SKAMANIA	2	38.5
DOUGLAS	1	7.8	SNOHOMISH	27	20.8
FERRY			Everett	4	11.8
FRANKLIN	14	69.3	SPOKANE	36	14.3
Pasco	1	7.2	Spokane	29	16.2
GARFIELD			STEVENS	3	15.1
GRANT	9	25.8	THURSTON	2	4.2
GRAYS HARBOR	6	10.8	Olympia		
Aberdeen	6	29.7	WAHKIAKUM		
Hoquiam			WALLA WALLA	15	35.5
ISLAND	3	23.3	Walla Walla	10	39.4
JEFFERSON			WHATCOM	9	13.0
KING	158	20.5	Bellingham	5	14.2
Renton	1	5.9	WHITMAN	8	25.1
Seattle	97	17.7	Pullman		
KITSAP	14	16.2	YAKIMA	50	34.7
Bremerton	5	15.1	Yakima	20	48.9

CASES OF POLIOMYELITIS REPORTED IN THE COUNTIES AND CITIES OF 10,000 AND OVER,* BY AGE GROUPS, BY SEX, 1954

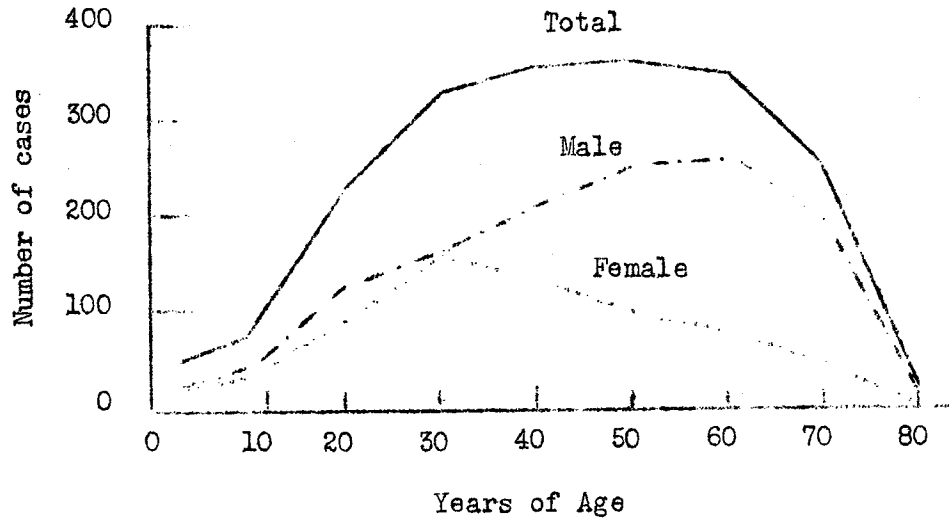
County and City	Total		Under														45 & Over					
			1		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-44		45 & Over	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
STATE TOTAL	246	243	2	3	40	32	84	45	36	33	10	28	12	26	30	43	14	19	13	12	5	2
ADAMS	1						1															
ASOTIN	9	2					6					1			1	1				1		1
BENTON	10	7			2	1	2	2	1			3	2	1	2		1					
Kennewick	3	3			1	1	1	1					1	1								
Richland	4	1			1		1	1	1						1							
CHELAN	3	6			1	2			1					1	1	1			1	1		
Wenatchee	1	4			1	1								1		1			1			
CLALLAM		1										1										
Port Angeles		1										1										
CLARK	3	7			1	1	2	1				1	1			3						
Vancouver	1	6			1		2					1	1			2						
COWLITZ	8	12			1	6	1		6		1				1	3				1		
Longview	6	8				4	1		4		1				1	2				1		
DOUGLAS	1												1									
FRANKLIN	8	6			2	2	2	1					1		2	2				1	1	
Pasco		1						1														
GRANT	3	6			2	1	2	1						1		1						1
GRAYS HARBOR	2	4					1	2	1		1									1		
Aberdeen	2	4					1	2	1		1									1		
ISLAND	1	2			1	1														1		
KING	78	80	1	1	11	9	24	13	12	10	6	3	4	10	12	18	5	6	2	9	1	1
Renton	1						1															
Seattle	50	47			6	8	19	7	7	7	3		2	8	7	7	3	4	2	5	1	1
KITSAP	6	8					1		1	3			1	1	1	2			1	1	1	1
Bremerton	1	4					1		1				1		1				1			
KITTITAS		3									1									1		
KLICKITAT	2						1								1							
LEWIS	2	6			1	1	1							1	1	2			1			
LINCOLN	1	2					1		1		1											
MASON	2	1					1								1						1	
OKANOGAN	1						1															
PEND OREILLE	3				1						1				1							
PIERCE	16	17			1	2	2	8	3	3	1		4	1	2	1	2	1	1			1
Tacoma	5	9			1	1	2	2					2	1	1	1	1		1			1
SKAGIT	5	2			2		1		2	1					1							
SKAMANIA		2					2															
SNOHOMISH	15	12			2	1	6	1	2		1	4		3	1	1	2	1	1	1	1	
Everett	1	3					1	1				1										1
SPOKANE	24	12			4	1	11	3	4	1	2	1	1	2		2	2	2				
Spokane	21	8			4	1	9	3	3	1	2		1	1		1	2	1				
STEVENS	1	2					1								1						1	
THURSTON	1	1			1	1																
WALLA WALLA	7	8	1		2	2	2	3	1	1					1	1			1			
Walla Walla	4	6			2	2	3	1							1				1			
HATCOM	5	4			1			1	4	1		1									1	
Bellingham	4	1						3			1										1	
WHITMAN	4	4			2		2			2						1			1			
YAKIMA	24	26			6	5	6	6	4	3		5		2	3	3	3	3	2	1		1
Yakima	9	11			1	2	1		1	1		1		2	3	3	3	3	2	1		

* Counties and cities reporting no cases are not included in this tabulation.

NUMBER OF NEWLY REPORTED CASES OF TUBERCULOSIS PER YEAR,
1938 - 1954



NEWLY REPORTED CASES OF TUBERCULOSIS BY AGE AND SEX, 1954



TUBERCULOSIS MORBIDITY SUMMARY, 1954

Newly Reported Cases of Tuberculosis
by Age and Sex

	Total	Male	Female
Total	2,216	1,448	768
Under 1	6	4	2
1 - 4	54	26	28
5 - 14	75	41	34
15 - 24	224	129	95
25 - 34	332	168	164
35 - 44	359	218	141
45 - 54	367	263	104
55 - 64	351	269	82
65 & Over	352	271	81
Not Stated	96	59	37

Cases of Tuberculosis by Race and Sex

	Total	Male	Female
Total	2,216	1,448	768
White	1,536	1,050	486
Negro	74	51	23
Indian	228	101	127
Japanese	30	13	17
Chinese	12	10	2
Other	48	40	8
Not Stated	288	183	105

Cases of Tuberculosis by Reporting Agency

Total	2,216
Private Physicians	232
Health Departments	987
Hospitals	452
Tuberculosis Sanatoriums	412
State Institutions	36
Death Certificates	55
Other and Not Stated	42

Cases of Tuberculosis by Activity

Total	2,216
Active	1,151
Quiescent	27
Activity Questionable	185
Arrested or Apparently Arrested	358
Inactive	177
Not Stated	199
Extra Pulmonary	119

Cases of Pulmonary Tuberculosis by Stage of Disease

Total Tuberculosis	2,216
Minimal	666
Moderately Advanced	718
Far Advanced	378
Pleurisy with Effusion	76
Unknown or Not Stated	259
Extra Pulmonary	119

CASES OF TUBERCULOSIS REPORTED IN THE COUNTIES AND CITIES OF 10,000 AND OVER,
WITH RATES PER 100,000 POPULATION, BY SEX AND BY RACE, 1954

County and City	Total		Male	Female	White	Negro	Indian	Chin- ese	Japan- ese	Other	Not Stated
	Number	Rate									
STATE TOTAL	2,216	86.4	1,448	768	1,536	74	228	12	30	48	288
ADAMS	2	23.0	1	1	2						
ASOTIN	2	16.9	2		2						
BENTON	43	67.4	30	13	26				1	1	15
Kennewick	20	156.2	10	10	13				1		6
Richland	10	35.1	8	2	5						5
CHELAN	30	72.3	17	13	26						4
Wenatchee	12	75.5	9	3	9						3
CLALLAM	31	113.1	20	11	21		6				4
Port Angeles	14	119.7	9	5	11		3				
CLARK	98	115.0	60	38	89	2		1			6
Vancouver	56	134.6	33	26	49	1		1			5
COLUMBIA											
COWLITZ	27	45.8	15	12	26						1
Longview	12	51.3	7	5	12						
UGLAS	5	38.8	5		3						2
FERRY	1	23.3	1		1						
FRANKLIN	20	99.0	10	10	14	3					3
Pasco	18	129.5	9	9	12	3					3
GARFIELD											
GRANT	20	57.3	11	9	14	1	1	1	2		1
GRAYS HARBOR	7	12.6	4	3	7						
Aberdeen	2	9.9	1	1	2						
Hoquiam	1	8.9	1		1						
ISLAND	3	23.3	1	2	2		1				
JEFFERSON	11	113.4	9	2	6		2				
KING	586	76.0	419	167	370	42	27	5	21	9	112
Renton	4	23.7	3	1	2				1		1
Seattle	497	90.5	360	137	314	40	20	5	18	9	91
KITSAP	139	160.9	74	65	109	2	1				27
Bremerton	53	159.6	22	31	39	1	1				12
KITTITAS	28	127.3	14	14	24					1	3
KLICKITAT	15	119.0	11	4	5						10
LEWIS	24	54.2	14	10	21		1				2
LINCOLN	1	8.8		1	1						
MASON	9	58.4	7	2	6		2				1
YANOGAN	12	40.3	7	5	7		3				2
ACIFIC	9	53.9	6	3	9						
PEND OREILLE	3	36.1	3		3						

County and City	Total		Male	Female	White	Negro	Indian	Chin- ese	Japan- ese	Other	Not Stated
	Number	Rate									
PIERCE	151	50.7	81	70	127	7	6		1	2	8
Puyallup	9	85.7	4	5	9						
Tacoma	97	62.7	54	43	81	7	5			1	3
SAN JUAN	3	93.7	3		2						1
SKAGIT	60	133.9	35	25	49		4	1			6
SKAMANIA	9	173.1	6	3	7						2
SNOHOMISH	142	109.2	93	49	116		5				21
Everett	37	109.1	24	13	31						6
SPOKANE	91	36.1	63	28	74	7	5	1	2		2
Spokane	75	41.9	56	19	60	6	5	1	2		1
STEVENS	7	35.2	5	2	4		2				1
THURSTON	15	31.8	9	6	11				1		3
Olympia	3	17.6	1	2	3						
WAHKIAKUM	3	75.0	1	2	2						1
WALLA WALLA	17	40.3	13	4	12		1			2	2
Walla Walla	14	55.1	11	3	10		1			1	2
WHATCOM	28	40.5	16	12	17		2			4	5
Bellingham	16	45.3	8	8	10					4	2
HITMAN	10	31.3	6	4	9	1					
Pullman	3	25.9	1	2	3						
YAKIMA	193	133.9	111	82	126	4	39	1	1	1	21
Yakima	68	166.3	38	30	50	3	7				8
NON RESIDENTS	361		265	96	186	5	120	2	1	28	19

VENEREAL DISEASE MORBIDITY SUMMARY, 1954

Civilian Venereal Disease by Reporting Agency and Type

Syphilis by Stage

	Syphilis Total	Pri. & Sec.	Early Lat.	Late Lat.	Ter- tiary	Cong.	Gonor- rhea	Chan- chroid	All Other
Total	464	19	58	255	103	29	1,296	69	8
Private Physicians	186	6	18	114	37	11	240	4	
Health Departments	157	10	27	68	39	13	1,014	58	6
Tax Supported Inst.	119	3	12	73	27	4	42	7	2
Army & Navy	2		1			1			

Civilian Venereal Disease by Age Groups and Type

	Total	Pri. & Sec.	Early Lat.	Late Lat.	Ter- tiary	Cong.	Gonor- rhea	Chan- chroid	All Other
Total	464	19	58	255	103	29	1,296	69	8
1 - 4	1					1	1		
5 - 14	3					3	9		
15 - 24	38	2	19	5		12	476	14	2
25 - 34	72	10	17	31	6	8	511	29	3
35 - 44	76	3	9	40	21	3	200	13	2
- 54	100	2	5	66	26	1	59	9	1
55 - 64	82		3	50	28	1	16	1	
65 & Over	73	1		53	19		6	3	
Not Stated	19	1	5	10	3		18		

Civilian Venereal Disease by Race, Sex and Type

	Total	Pri. & Sec.	Early Lat.	Late Lat.	Ter- tiary	Cong.	Gonor- rhea	Chan- chroid	All Other
Total	464	19	58	255	103	29	1,296	69	8
Male	249	14	21	138	65	11	800	56	7
Female	215	5	37	117	38	18	496	13	1
White	329	15	29	186	77	22	572	25	1
Male	185	13	11	104	48	9	380	23	1
Female	144	2	18	82	29	13	192	2	
Negro	93	4	18	46	21	4	460	26	5
Male	47	1	7	22	15	2	325	23	5
Female	46	3	11	24	6	2	135	3	
Indian	26		7	17	1	1	245	17	1
Male	9		1	7	1		78	9	
Females	17		6	10		1	167	8	1
Chinese	1			1				1	
Male								1	
Female	1			1					
Japanese	4		1		1	2			
Female	4		1		1	2			
Other & Not Stated	11		3	5	3		19		1
Male	8		2	5	1		17		1
Female	3		1		2		2		

Military Venereal Disease by Age Groups and Type

	Syphilis Total	Syphilis by Stage			Cong.	Gonor- rhea	Chan- chroid	All Other
		Pri. & Sec.	Early Lat.	Late Lat.				
Total	38	20	16	1	1	1,233	77	7
15 - 24	24	13	10		1	1,030	61	4
25 - 34	13	7	5	1		184	16	3
35 - 44						14		
45 - 54	1		1					
Not Stated						5		

Military Venereal Disease by Race and Type

Total	38	20	16	1	1	1,233	77	7
White	12	8	3		1	347	22	3
Negro	26	12	13	1		871	54	4
Indian						12	1	
Chinese						1		
Other & Not Stated						2		

VILIAN CASES OF SYPHILIS, BY STAGE, GONORRHEA, CHANCROID AND ALL OTHER VENEREAL DISEASES REPORTED BY COUNTIES AND CITIES OF 10,000 AND OVER, 1954

Syphilis By Stage

County and City	Total	Pri.& Sec.	Early Latent	Late Latent	Ter- tiary	Cong- enital	Total Syphilis	Gonor- rhea	Chan- chroid	All Other
STATE TOTAL	1,857	19	58	255	103	29	464	1,296	69	8
ADAMS	2							2		
ASOTIN	1							1		
BENTON	18			1	1		2	16		
Kennewick	11							11		
Richland	1							1		
CHELAN	16			6		1	7	9		
Wenatchee	7			1		1	2	5		
CLALLAM	9		1	1			2	7		
Port Angeles	3		1	1			2	1		
CLARK	35			16	6	1	23	12		
Vancouver	25			11	5		16	9		
COLUMBIA										
COWLITZ	11			5	1		6	5		
Longview	3			3			3			
DOUGLAS	3							3		
FERRY	4		1	2			3	1		
FRANKLIN	41	2	2	2		3	9	32		
Pasco	41	2	2	2		3	9	32		
GARFIELD										
GRANT	23	1	1	3		1	6	16		1
GRAYS HARBOR	7		1				1	5	1	
Aberdeen	5							5		
Hoquiam										
ISLAND	1			1			1			
JEFFERSON	2			2			2			
KING	1,014	8	27	110	58	17	220	752	37	5
Renton	9			1	1		2	7		
Seattle	958	7	27	97	51	16	198	718	37	5
KITSAP	20			2	3		5	15		
Bremerton	6				1		1	5		
KITTITAS	2							2		
KLICKITAT	2			1	1		2			
LEWIS	18		2	9	2		13	4	1	
LINCOLN	1			1			1			
MASON	3			2			2	1		
OKANOGAN	10		1	5			6	4		
PACIFIC	3			1	1		2	1		

Syphilis By Stage

County and City	Total	Pri.& Sec.	Early Latent	Late Latent	Ter- tiary	Cong- enital	Total Syphilis	Gonor- rhea	Chan- droid	All Other
PEND OREILLE										
PIERCE	173		2	23	11	3	39	130	3	1
Puyallup	5			1		1	2	3		
Tacoma	148		1	17	10	1	29	115	3	1
SAN JUAN	1							1		
SKAGIT	11		1	3	1		5	5	1	
SKAMANIA	1			1			1			
SNOHOMISH	12			6			6	5	1	
Everett	4			3			3	1		
SPOKANE	100	2	10	28	7		47	49	4	
Spokane	88	2	7	21	6		36	48	4	
STEVENS	2		1				1	1		
THURSTON	14			1	1		2	12		
Olympia	11			1	1		2	9		
WAHAKIUM										
WALLA WALLA	15	1		2	1		4	11		
Walla Walla	13			2	1		3	10		
WHATCOM	15	1	1	6	3		11	4		
Bellingham	12	1	1	5	2		9	3		
WHITMAN	5			2			2	3		
Pullman	2							2		
YAKIMA	242	4	7	13	6	3	33	187	21	1
Yakima	126	3	4	2	4		12	100	12	1

Appendix Table 8

MILITARY VENEREAL DISEASE BY COUNTY STATIONED, 1954

Syphilis by Stage

County and City	Total	Pri.& Sec.	Early Latent	Late Latent	Ter- tiary	Cong- enital	Total Syphilis	Gonor- rhea	Chan- chroid	All Other
TOTAL	1,355	20	16	1		1	38	1,233	77	7
BENTON	55	2					2	51	2	
CLALLAM	4							4		
GRANT	29	2					2	27		
ISLAND	8							7	1	
KING	56	5	2				7	48	1	
PIERCE	1,101	9	14	1		1	25	1,004	65	7
SNOHOMISH	6	2					2	4		
SPOKANE	39							37	2	
WHATCOM	3							3		
YAKIMA	54							48	6	