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WASHINGTON STATE DEPARTMENT OF HEALTH

DIVISION OF VITAL STATISTICS

ANNUAL REPORT - 1934

E. R. COFFEY, M. D., STATE DIRECTOR OF HEALTH
FRANCIS D. RHOADS, STATE REGISTRAR

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The following tables constitute an effort on the part of the State Department of Health to give a partial statistical summary of health conditions in Washington for the calendar year 1934. By no means all the data assembled by the Division of Vital Statistics could be included in this report, nor was there room to make any extensive comparison of rates with areas outside of our state. An attempt has been made, however, to give adequate summaries for the State as a whole and general rates for the major political subdivisions.

For the first time in the history of the State, refined figures, in which allocation is made to place of residence, are available. In case of death, the charge is made back to place of residence of the deceased, in births to the residence of the mother. It has long been recognized that tabulation of births and deaths by place of occurrence is not a sufficient index of health conditions. In our last annual report discrepancies in birth rates for counties and the major cities in them were pointed out. The fact that a large proportion of both births and deaths occur in hospitals, located in the larger centers of population, makes it essential to find out place of residence. TABLE I, immediately following, shows clearly the evening out of rates when proper allocations are made. Striking evidence of the necessity for allocation is given in the birth rates for counties, exclusive of cities, the unallocated rate being 10.6 and the allocated figure 15.0 per thousand population. Unallocated figures would lead the observer to believe that the rate of births in cities (17.3) is much greater than that in the rural areas (10.6). Exactly the contrary is true, as the allocated rate for cities is only 13.0 while that for counties becomes 15.0. A corresponding modification may be noted for deaths, infant and maternal mortality, and stillbirths.

Both births and deaths show increases in 1934 over the year 1933. In the case of deaths, this increase is slight--(1933 - 10.4; 1934 - 10.9), but perhaps of greater significance than its size indicates as it marks a change from the gradually diminishing rate of the years before. Most phenomenal of all rises is that in births in which the 1934 rate increases .9 per thousand population from 13.1 to 14.0. This means an actual increase in births of over 1,500, indicating a return to the rates of 1930 and 1931.

Deaths of infants under one year of age increased from 812 in 1933 to 974 in 1934, with a corresponding increase in rate from 38.8 to 43.2. Washington rates still remain well under the national rate for infant deaths of 59.9 per thousand live births. Deaths of mothers during childbirth decreased to 107 for 1934. The 1933 figure was 140. Rates per 1,000 live births are respectively 4.7 and 6.7.

TABLE II is made up entirely from figures released by the Federal Bureau of Census. In some cases there are discrepancies between these totals and those of the State tabulations, a condition accounted for by the fact that delayed certificates are not included in the Census Bureau count, and by difference of opinion in classification when more than one cause of death is given on the certificate. In most cases these variations are so slight as to be without statistical consequence.

TABLE I. - POPULATION, BIRTHS, GENERAL DEATHS, INFANT AND MATERNAL DEATHS, AND STILLBIRTHS WITH RATES* - 1994
 ALLOCATED AND UNALLOCATED TO RESIDENCE BY COUNTIES AND CITIES

AREA	Population Estimated as of July 1, 1994	BIRTHS				DEATHS				INFANT MORTALITY				MATERNAL MORTALITY				STILLBIRTHS			
		ALLOCATED		UN-ALLOCATED		ALLOCATED		UN-ALLOCATED		ALLOCATED		UN-ALLOCATED		ALLOCATED		UN-ALLOCATED		ALLOCATED		UN-ALLOCATED	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1. ADAMS	7,800	103	13.2	103	13.2	64	8.2	61	7.6	6	58.3	8	77.7	1	9.7	1	9.7	3	2.9	2	1.9
2. ASOTIN	8,400	108	12.9	80	9.5	75	8.9	73	8.7	2	18.5	2	25.0	1	9.7	1	9.7	3	2.8	4	5.0
3. BENTON	11,200	181	16.2	134	12.0	115	10.3	86	7.7	12	86.3	11	82.1	1	9.7	1	9.7	8	4.4	4	3.0
4. CHELEN	20,800	390	18.9	211	10.2	164	8.0	129	6.3	13	33.3	9	42.7	1	9.7	1	9.7	11	2.8	6	3.8
5. CHALAM	25,200	347	13.8	214	20.2	108	10.6	81	7.6	13	60.7	10	80.8	1	9.7	1	9.7	7	4.1	2	1.6
6. CLARK	5,400	91	16.9	84	15.5	62	11.5	217	7.6	16	46.1	5	58.5	1	9.7	1	9.7	3	3.5	3	3.6
7. COLUMBIA	21,900	359	16.4	250	11.4	175	8.0	150	6.8	8	28.3	7	28.0	1	9.7	1	9.7	10	2.8	8	3.2
8. DOUGLAS	8,200	108	12.9	62	6.3	51	6.2	43	5.2	6	56.6	3	57.7	1	9.7	1	9.7	4	4.8	1	1.5
9. FERRY	4,400	87	19.8	65	14.8	54	12.3	73	11.6	4	48.5	6	52.2	1	9.7	1	9.7	4	4.8	1	1.5
10. FRANKLIN	6,800	86	13.7	115	18.3	58	9.7	32	4.6	2	30.8	2	34.5	1	9.7	1	9.7	2	2.3	1	1.7
11. GARFIELD	3,700	65	17.6	56	15.7	36	9.7	43	4.6	2	19.0	2	24.4	1	9.7	1	9.7	2	2.3	1	1.7
12. GRANT	9,200	105	11.3	53	5.7	198	7.6	146	5.8	9	35.3	7	33.2	2	9.7	2	9.7	3	2.9	1	1.7
13. GRAYS HARBOR	28,200	358	13.6	211	8.1	88	7.6	146	5.8	9	35.3	7	33.2	2	9.7	2	9.7	3	2.9	1	1.7
14. ISLAND	5,400	99	18.3	82	15.2	53	9.8	48	8.9	8	45.5	8	61.5	1	9.7	1	9.7	5	1.4	2	1.9
15. JEFFERSON	8,600	178	20.5	146	17.0	74	8.6	75	7.5	54	55.8	9	61.5	1	9.7	1	9.7	4	2.3	3	2.0
16. KING	99,000	1,178	11.9	785	8.0	1,062	10.7	748	7.5	17	58.0	31	39.0	1	9.7	1	9.7	4	2.3	16	2.0
17. KITSAP	21,200	293	13.8	184	7.7	207	11.2	220	10.7	11	39.1	12	73.2	1	9.7	1	9.7	19	3.8	3	1.1
18. KITTITAS	18,500	281	15.2	146	8.0	87	8.6	71	7.0	6	42.9	4	38.8	1	9.7	1	9.7	11	1.4	2	1.9
19. KLICKITAT	10,100	140	13.9	103	10.2	87	8.6	99	9.5	23	38.5	4	40.6	1	9.7	1	9.7	3	1.4	9	1.5
20. LEWIS	41,000	597	14.6	140	11.5	137	11.2	97	8.0	6	37.7	6	39.7	2	9.7	2	9.7	11	1.7	2	1.9
21. LINCOLN	12,200	178	14.6	159	15.3	100	9.6	94	9.0	5	28.4	4	38.6	1	9.7	1	9.7	3	1.4	6	4.3
22. MASON	21,000	392	18.7	328	16.4	205	9.8	179	8.5	20	51.0	20	51.8	1	9.7	1	9.7	17	4.3	2	1.3
23. OKANOGAN	15,200	186	12.2	159	10.5	129	8.5	127	8.4	10	53.8	20	62.8	1	9.7	1	9.7	13	1.6	3	1.9
24. PACIFIC	7,300	117	16.0	120	16.4	73	10.0	73	10.0	3	25.6	1	28.6	1	9.7	1	9.7	5	4.7	6	4.2
25. PEND OREILLE	58,400	749	12.8	335	5.4	795	13.6	740	12.7	28	44.4	9	28.6	4	12.7	4	12.7	20	1.6	10	3.2
26. PIERCE	3,100	55	17.7	42	13.5	32	10.3	28	9.0	22	46.5	2	46.6	1	9.7	1	9.7	1	1.8	1	2.4
27. SAN JUAN	35,800	473	13.2	473	13.2	445	12.4	500	14.0	22	46.5	22	46.6	1	9.7	1	9.7	21	1.8	11	2.5
28. SKAGIT	5,800	63	11.3	55	6.3	30	5.4	25	4.5	2	31.7	1	28.6	1	9.7	1	9.7	12	2.5	1	2.9
29. SKAMANIA	49,800	785	15.4	539	10.9	555	11.2	448	9.0	28	46.8	28	46.8	1	9.7	1	9.7	15	1.6	13	2.4
30. SNOHOMISH	35,900	483	13.7	197	5.5	460	12.8	575	16.0	12	54.8	12	60.9	4	5.8	4	5.8	16	2.0	9	3.0
31. SPOKANE	18,000	331	17.4	303	15.9	195	10.3	173	9.1	18	48.3	14	46.2	2	3.7	2	3.7	15	1.7	13	2.4
32. STEVENS	20,100	316	15.7	196	9.8	191	9.5	139	6.8	11	44.3	11	56.1	1	9.7	1	9.7	6	2.7	9	3.0
33. THURSTON	3,700	45	12.2	27	7.3	36	10.3	25	6.8	2	44.4	2	44.4	1	9.7	1	9.7	13	4.1	9	4.6

TABLE 11—COMPARATIVE STUDY OF STATE OF WASHINGTON AND FEDERAL REGISTRATION AREA — POPULATION, BIRTHS, DEATHS, INFANT AND MATERNAL MORTALITY, AND MORTALITY FROM CERTAIN SELECTED CAUSES AND GROUPS OF CAUSES — WITH RATES (FROM PUBLISHED REPORTS OF THE FEDERAL BUREAU OF CENSUS) — 1925-1934

YEAR	1925		1926		1927		1928		1929		1930		1931		1932		1933		1934		
	ESTIMATED POPULATION	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE BIRTH REG. AREA	1,468,000	24,743	16.8	23,589	15.6	23,315	15.5	23,103	15.2	22,658	14.7	23,019	14.7	22,928	14.0	21,379	13.5	20,789	13.1	1,599,000	1,610,000
DEATH REG. AREA	87,486,096	1,878,880	21.5	1,896,068	20.7	2,137,836	20.6	2,235,149	19.8	2,169,926	18.9	2,203,950	18.9	2,112,760	18.0	2,074,082	17.4	2,068,584	16.8	125,770,000	126,626,000
CLASSIFICATION																					
TOTAL BIRTHS		1,878,880	16.4	23,589	15.6	23,315	15.5	23,103	15.2	22,658	14.7	23,019	14.7	22,928	14.0	21,379	13.5	20,789	13.1	1,599,000	1,610,000
TOTAL DEATHS		1,878,880	21.5	1,896,068	20.7	2,137,836	20.6	2,235,149	19.8	2,169,926	18.9	2,203,950	18.9	2,112,760	18.0	2,074,082	17.4	2,068,584	16.8	125,770,000	126,626,000
DEATHS - INFANTS UNDER 1 YEAR		1,239,013	11.8	1,269,927	12.3	1,356,989	11.9	1,378,619	12.1	1,386,363	11.9	1,393,596	11.3	1,322,987	11.1	1,308,589	10.9	1,342,106	10.7	1,396,503	11.0
DEATHS - INFANTS AT CHILDBIRTH		1,399,563	11.8	1,399,563	11.8	1,399,563	11.8	1,399,563	11.8	1,399,563	11.8	1,399,563	11.8	1,399,563	11.8	1,399,563	11.8	1,399,563	11.8	1,399,563	11.8
DEATHS - MOTHERS		134,652	71.7	134,652	71.7	134,652	71.7	134,652	71.7	134,652	71.7	134,652	71.7	134,652	71.7	134,652	71.7	134,652	71.7	134,652	71.7
TYPHOID AND PARATYPHOID FEVER		143	6.0	143	6.0	143	6.0	143	6.0	143	6.0	143	6.0	143	6.0	143	6.0	143	6.0	143	6.0
MEASLES		2,408	2.3	2,408	2.3	2,408	2.3	2,408	2.3	2,408	2.3	2,408	2.3	2,408	2.3	2,408	2.3	2,408	2.3	2,408	2.3
SCARLET FEVER		2,162	2.0	2,162	2.0	2,162	2.0	2,162	2.0	2,162	2.0	2,162	2.0	2,162	2.0	2,162	2.0	2,162	2.0	2,162	2.0
WHOOPING COUGH		6,948	6.7	6,948	6.7	6,948	6.7	6,948	6.7	6,948	6.7	6,948	6.7	6,948	6.7	6,948	6.7	6,948	6.7	6,948	6.7
DIPHTHERIA		97	6.6	97	6.6	97	6.6	97	6.6	97	6.6	97	6.6	97	6.6	97	6.6	97	6.6	97	6.6
TUBERCULOSIS		1,278	81.4	1,278	81.4	1,278	81.4	1,278	81.4	1,278	81.4	1,278	81.4	1,278	81.4	1,278	81.4	1,278	81.4	1,278	81.4
FALL COLIC		89,208	80.7	89,208	80.7	89,208	80.7	89,208	80.7	89,208	80.7	89,208	80.7	89,208	80.7	89,208	80.7	89,208	80.7	89,208	80.7
SYPHILIS		180	12.3	180	12.3	180	12.3	180	12.3	180	12.3	180	12.3	180	12.3	180	12.3	180	12.3	180	12.3
CANCER AND OTHER MALIGN. TUMORS		1,509	102.8	1,509	102.8	1,509	102.8	1,509	102.8	1,509	102.8	1,509	102.8	1,509	102.8	1,509	102.8	1,509	102.8	1,509	102.8
GENERAL HEMORRHAGE		1,151	77.7	1,151	77.7	1,151	77.7	1,151	77.7	1,151	77.7	1,151	77.7	1,151	77.7	1,151	77.7	1,151	77.7	1,151	77.7
CIRCULATORY SYSTEM		2,618	178.3	2,618	178.3	2,618	178.3	2,618	178.3	2,618	178.3	2,618	178.3	2,618	178.3	2,618	178.3	2,618	178.3	2,618	178.3
PNEUMONIA (ALL FORMS)		879	59.9	879	59.9	879	59.9	879	59.9	879	59.9	879	59.9	879	59.9	879	59.9	879	59.9	879	59.9
GENITO-URINARY SYSTEM		1,320	89.9	1,320	89.9	1,320	89.9	1,320	89.9	1,320	89.9	1,320	89.9	1,320	89.9	1,320	89.9	1,320	89.9	1,320	89.9
SUICIDE		115,231	111.9	115,231	111.9	115,231	111.9	115,231	111.9	115,231	111.9	115,231	111.9	115,231	111.9	115,231	111.9	115,231	111.9	115,231	111.9
HOMICIDE		318	21.7	318	21.7	318	21.7	318	21.7	318	21.7	318	21.7	318	21.7	318	21.7	318	21.7	318	21.7
ALL ACCIDENTS (INC. AUTOMOBILE)		1,400	95.4	1,400	95.4	1,400	95.4	1,400	95.4	1,400	95.4	1,400	95.4	1,400	95.4	1,400	95.4	1,400	95.4	1,400	95.4
AUTOMOBILE ACCIDENTS		332	22.6	332	22.6	332	22.6	332	22.6	332	22.6	332	22.6	332	22.6	332	22.6	332	22.6	332	22.6

NOTE: Birth and Death Rates per 1,000 Population; Deaths of Infants and Mothers per 1,000 Live Births; All Others per 100,000 Population.

TABLE 1. - POPULATION, BIRTHS, GENERAL DEATHS, INFANT AND MATERNAL DEATHS, AND STILLBIRTHS WITH RATES* 1994
 ALLOCATED AND UNALLOCATED TO RESIDENCE BY COUNTIES AND CITIES - Continued

Area No.	Population Estimated as of July 1, 1994	BIRTHS		DEATHS		INFANT MORTALITY		MATERNAL MORTALITY		STILLBIRTHS											
		ALLOCATED		UNALLOCATED		ALLOCATED		UNALLOCATED		ALLOCATED		UNALLOCATED									
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate								
36	12,700	180	14.2	44	3.5	126	9.8	150	11.8	5	27.8	3	68.2	1	5.6	1	5.6	5	2.8	2	4.5
37	29,100	439	15.1	311	10.7	321	11.0	289	9.9	21	44.7	15	48.2	2	4.3	2	4.3	12	2.8	6	2.6
38	28,600	417	14.6	375	13.1	282	9.2	232	8.1	11	26.4	10	26.7	5	12.0	2	5.3	12	2.9	9	2.4
39	58,900	1,197	21.0	791	13.9	618	10.9	543	9.5	62	51.8	43	54.4	5	4.2	4	5.1	28	2.3	25	3.2
TOTAL COUNTIES	797,600	11,946	15.0	8,485	10.6	8,378	10.5	7,419	9.3	513	42.8	389	45.8	54	4.5	27	3.2	280	2.3	1214	2.5
Cities of 10,000 or more - exclusive of rural areas.																					
40	22,700	261	11.5	338	14.4	198	8.6	207	9.1	9	35.9	12	38.6	1	4.0	2	3.2	6	2.4	7	2.1
41	31,800	439	13.8	312	9.4	308	9.7	325	10.2	14	21.9	19	20.8	2	4.8	2	3.2	8	1.8	12	1.9
42	10,500	275	26.2	312	29.7	110	10.5	147	14.0	6	27.9	7	22.4	2	9.3	2	6.4	5	2.3	7	2.2
43	31,300	438	14.0	653	20.9	339	10.8	406	13.0	22	50.2	27	41.3	1	2.3	2	3.1	12	2.7	15	2.3
44	13,200	145	11.0	205	15.5	84	6.4	96	7.3	7	48.3	7	34.1	1	2.3	1	4.9	4	2.8	4	2.0
45	10,700	229	21.4	346	32.3	153	12.0	190	15.0	11	48.0	12	34.7	1	4.4	2	5.8	8	3.5	12	3.5
46	12,700	199	15.7	290	22.8	133	10.4	123	11.2	13	65.3	14	48.3	1	5.0	4	13.8	5	2.5	10	3.4
47	11,000	179	16.3	262	23.8	103	9.4	123	11.2	3	16.8	4	15.3	1	5.0	4	13.8	5	2.5	10	3.4
48	375,000	4,373	11.7	4,322	13.1	4,189	11.2	4,513	12.0	189	38.7	204	41.4	14	3.2	22	4.5	88	3.0	92	1.9
49	117,200	1,482	12.7	2,089	17.8	1,395	11.9	1,536	13.1	83	55.6	108	51.7	16	10.7	19	9.1	34	2.3	51	2.4
50	108,300	1,399	12.9	1,917	17.7	1,323	12.2	1,482	13.7	74	53.0	87	45.4	10	7.1	12	6.3	37	2.5	55	2.9
51	16,400	271	16.5	393	24.0	191	11.6	233	14.2	12	44.3	15	38.2	2	9.6	3	7.8	8	3.8	11	2.8
52	16,200	209	12.9	363	25.6	206	12.7	240	13.3	11	52.6	12	31.3	2	4.3	4	8.5	5	2.2	9	1.9
53	12,900	230	17.8	472	36.6	112	8.7	172	13.3	9	39.1	14	29.7	1	4.3	4	8.5	5	2.2	9	1.9
54	22,500	469	20.8	684	30.3	296	13.2	379	16.8	20	42.6	43	48.6	3	6.4	5	5.7	9	1.9	13	1.5
TOTAL CITIES	812,400	10,538	13.0	14,072	17.3	9,078	11.2	10,142	12.5	463	43.9	585	41.6	54	5.1	80	5.7	240	2.3	318	2.3
GRAND TOTAL	1,610,000	22,484	14.0	22,557	14.0	17,456	10.8	17,561	10.9	976	43.4	974	43.2	108	4.8	107	4.7	520	2.3	532	2.4

* Birth and death rates per 1,000 population; infant and maternal mortality and stillbirth rates per 1,000 live births. Births allocated to residence of mother; general, infant, and maternal deaths and stillbirths to residence of deceased.

TABLE V - DEATHS (EXCLUSIVE OF STILLBIRTHS) FOR EACH CAUSE BY AGE GROUPS - STATE OF WASHINGTON - 1934

INTERNAL LIST NO.	CAUSES OF DEATH	TOTAL ALL DEATHS	RATE PER 100,000	TOTAL BY SEX	UNDER 1 YR	1 YEAR	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85-89 YRS	90-94 YRS		
	I. INFECTIOUS AND PARASITIC DISEASES	1,465	61.11	M 929 F 536	39 34	18 17	8 6	9 4	9 3	9 3	9 3	9 3	5 7	6 5	21 25	44 42	44 45	48 45	51 42	56 48	56 38	50 34	81 26	94 38	86 27	63 14	86 18	62 17	25 28	15 9	8 6		
1	Typhoid fever	27	1.08	M 11 F 16				1	1						2	4	1	3	2	1	1	2	1										
2	Paratyphoid fever	1	.06	M 1 F 1																	1												
4	Relapsing fever	1		M 1 F 1								1																					
6	Smallpox	1	.06	M 1 F 1																													
7	Measles	15	.63	M 11 F 4		1	1	3	2	2	2				1																		
8	Scarlet fever	26	1.02	M 11 F 15	1	1	1	2	1	2	2	2	1	1	2	2	2	2	1	1		1											
9	Whooping-cough	44	2.74	M 21 F 23	14 13	3 5	1 1	1 1	1 1	1 1	1 1	1 1	1	1	3	2	3	3	4	4													
10	Diphtheria	6	.50	M 3 F 3				1	1	1	1				1	1	1	1	1						1								
11a	Influenza (With respiratory complications spec.)	109	9.27	M 84 F 65	4 6	2 3	2 2		2	1	1	1	1	1	1	3	2	3	4	4					5	8	7	7	4	1	2		
11b	Influenza (Without resp. complications specified)	76	4.72	M 36 F 40	3 4	1 1	1 1		1	1	1		1	1	3	1	1	1	1	3	1	2	1	1	1	2	4	3	9	6	2		
13a	Dysentery (Amebic)	5	.31	M 3 F 2																						1							
13b	Dysentery (Bacterial)	4	.25	M 4 F 4		1	1																					1					
13c	(Unspecified or due to other causes)	2	.12	F 2																													
15	Erysipelas	14	.67	M 9 F 5	2 1																												
16	Acute poliomyelitis and acute polioencephalitis	54	3.35	M 36 F 18	2 1	1 1	1 1	1 1	1 1	1 1	2 1	5 3	10 3	7 3	1	1	2	3	2	1	1				1	1	1	1					
17	Lethargic or epidemic encephalitis	28	1.74	M 22 F 6	1 1	2 1	1 1		1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1					

TABLE V DEATHS (EXCLUSIVE OF STILLBIRTHS) FOR EACH CAUSE BY AGE GROUPS - STATE OF WASHINGTON - 1934 (CONTINUED)

INTERNAT. LIST NO.	CAUSES OF DEATH	TOTAL DEATHS	RATE PER 100,000	TOTAL BY SEX	UNDER 1YR	1 YEAR	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85-89 YRS	90-94 YRS
18	I. INFECTIOUS AND PARASITIC DISEASES (CONT.)	17	1.06	M 9 F 8		1	1								1	2	1	2	1	1	1										
21	Epidemic cerebrospinal meningitis	2	.12	M 1 F 1		1									1	1															
22	Rabies	5	.31	M 5																											
23	Tetanus	688	42.79	M 454 F 234	1	2	1	1	1	2	1	1	1	1	5	18	22	33	32	42	35	49	53	47	29	30	23	11	3	1	
24	Tuberculosis of the respiratory system	33	2.05	M 15 F 18	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	
25	Tuberculosis of the meninges and central nervous system	16	1.00	M 10 F 6	1	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
26	Tuberculosis of the intestines and peritoneum	9	.56	M 4 F 5											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
27a	Tuberculosis of the vertebral column	2	.12	M 1 F 1											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
27b	Tuberculosis of the bones	3	.18	M 2 F 1											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	Tuberculosis of the joints	5	.31	M 3 F 2											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
30	Tuberculosis of the lymphatic system (bronchial, mesenteric, and retroperitoneal glands excepted)	11	.68	M 8 F 3											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
32a	Tuberculosis of the genitourinary system	3	.18	M 2 F 1											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
32c	Disseminated tuberculosis (acute)	4	.25	M 3 F 1											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
34	Disseminated tuberculosis (Unspecified)	160	9.85	M 125 F 35	5	1	1	1	1	1	1	1	1	1	2	2	2	2	3	8	6	16	17	17	17	19	9	1	1	1	
35	Syphilis	11	.68	M 6 F 5											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
36	Purulent infection, septicaemia (nonpuerperal)	24	1.49	M 17 F 7	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	3	3	2	2	2	1	1	1	1	1

TABLE V DEATHS (EXCLUSIVE OF STILLBIRTHS) FOR EACH CAUSE BY AGE GROUPS - STATE OF WASHINGTON - 1934 (CONTINUED)

INTERNAT. LIST NO.	TOTAL ALL DEATHS	RATE PER 100,000	SEX	TOTAL BY SEX	UNDER 1 YEAR	1 YEAR	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85-89 YRS	90-94 YRS
XVIII. ILL-DEFINED CAUSES OF DEATH	175	10.88	M 126 F 49	126 49	10 9	2 3	1 1	3 3				1	1		1		2	1	4	2	4	8	10	6	13	13	19	11	8	3	
200a Ill-defined	109	6.78	M 83 F 26	83 26	3 3	3 1	1 2	2 2					1				1		1	2	1	7	7	5	9	13	14	8	7		
200b Not specified or unknown	66	4.10	M 43 F 23	43 23	7 6	2 2	1 1	1 1				1			1		1	1	3	1	4	1	3	1	4	5	3	1	1		
TOTAL MALES	1,241.41		M 10,803	571	61	41	42	28	31	23	25	16	112	178	258	225	262	302	430	618	765	615	968	1,187	1,287	1,080	767	334	113		
TOTAL FEMALES	918.07		F 6,858	403	61	25	23	16	16	22	14	17	10	75	118	174	156	203	217	291	359	457	600	714	846	702	517	305	113		
TOTAL	17,561	1,082.04	M 17,561	874	122	66	65	44	42	53	37	42	28	187	297	432	381	465	519	711	955	1,222	1,810	1,568	2,133	1,792	1,284	639	228		

95-100 Years and Unknown age not included in the above report

NOTE: Lack of Space Made Necessary Elimination in Table V of all Classifications of causes of death for ages over 95 Years. The missing Groups are given by Sex below:

* AGE GROUP	TOTAL	SEX	100 CANCER OF DIGESTIVE TRACT	50. CANCER OF THE BREAST	59. DIABETES MELLITUS	82a. CEREBRAL HEMORRHAGE	82b. CEREBRAL EMBOLISM	92a. CHRONIC ENDOCARDITIS	92c. CHRONIC MYOCARDITIS	99b. OTHER DISEASES OF HEART	97. ARTERIO-SCLEROSIS	106b. CHRONIC BRONCHITIS	107a. BRONCHO-PNEUMONIA	108. LOBAR PNEUMONIA	131. CHRONIC NEPHRITIS	137. DISEASES OF PROSTATE	162. SENILITY	186a. ACCIDENTAL FALL	186b. ACCIDENTAL CRUSHING	194b. OTHER ACCIDENTS	195. VIOLENT DEATHS	200b. NOT SPECIFIED - UNKNOWN
95-99 Years	48	M 17 F 31	1			1	1		3	1	2		1		1		1	3				
100 Years and Over	8	M 3 F 5				4	1	2	8	2		1	2				2	3				
Unknown	14	M 11 F 3		1	1	1			1					1			1		1	2	1	4

* Totals for all ages by cause in TABLE V also contain these age groups.

TABLE VII BIRTHS AND STILLBIRTHS ALLOCATED TO RESIDENCE OF MOTHER BY SEX FOR CERTAIN CLASSIFICATION FOR COUNTIES AND CITIES OF THE STATE - 1934

No.	AREA	POPULATION	TOTAL ALL BIRTHS	TOTAL BY SEX	COLOR								PARENTAGE										ATTENDED BY			BORN IN		STILL-BIRTHS			
					WHITE	NEGRO	INDIAN	CHINESE	JAPANESE	OTHERS	BOTH WASHINGTON	BOTH NATIVE	BOTH FOREIGN	WASH-NATIVE	WASH-FOREIGN	NATIVE FOREIGN	FOREIGN	WASH-UNKNOWN	BOTH UNKNOWN	WASH-UNKNOWN	NATIVE UNK.	FOREIGN UNK.	LEGITIMATE	ILLEGITIMATE	PHYSICIAN	MIDWIFE	OTHER		PHYSICIAN	MIDWIFE	OTHER
1	ADAMS	7,600	103	48 M 57 F	45						1	17	7	2	10	5	3	2	2	12	8	2	44	2	46	1	1	1	12	34	2
2	ASOTIN	8,400	108	65 M 43 F	65						1	10	30	1	23		2	1	1	25		1	65	2	64	1	1	30	35	3	
3	BENTON	11,200	181	95 M 86 F	95							17	42	3	26	4	2	3	1	28	1		93	2	85	1	1	35	60	5	
4	CHELAN	20,600	390	188 M 201 F	188							31	66	4	71	6	9	1	1	184	4	1	184	3	201			109	79	7	
5	CLALLAM	10,600	214	114 M 100 F	99	15					1	40	26	1	32	4	9	1	1	111	3	1	111	3	107	7	3	63	51	2	
6	CLARK	25,200	347	168 M 179 F	168	16					1	21	68	2	56	4	18	1	1	168	1	1	168	1	178	3	5	90	78	5	
7	COLUMBIA	6,400	91	49 M 42 F	49						1	19	6		21	2	2	1	1	49	1	1	49	1	42			8	41	1	
8	COMBLITZ	21,800	269	200 M 159 F	200							27	87	7	60	10	9	3	3	185	5	2	185	5	157	1	2	112	86	5	
9	DOUGLAS	8,200	106	59 M 47 F	59							16	17	1	18	5	2	2	2	59			59		46	1	1	24	35	1	
10	FERRY	4,400	87	36 M 51 F	36							12	6	1	13	2	2	2	2	34	2	2	34	2	47	3	8	11	6	2	
11	FRANKLIN	6,300	86	46 M 38 F	46						1	10	23	1	13	1	1	3	1	48	2	2	48	2	36			35	13	1	
12	GARFIELD	3,700	65	34 M 31 F	34							19	3	3	11	1	1	1	1	33	1	1	33	1	31			4	30	2	
13	GRANT	9,300	105	57 M 48 F	57							19	13	2	15	4	4	3	3	54	3	3	54	3	47	1	3	28	29	1	
14	GRAYS HARBOR	26,200	356	200 M 156 F	200							57	51	7	61	11	8	8	2	185	5	5	185	5	151	3	2	91	109	4	
15	ISLAND	5,400	99	47 M 52 F	47							16	7	2	11	6	5	6	1	45	2	4	45	2	46		1	4	4	43	
16	JEFFERSON	8,800	176	88 M 88 F	88						1	23	24	2	28	4	6	6	1	85	3	2	85	3	84	2	2	67	21	8	
17	KING	99,000	1,178	593 M 585 F	585							111	145	50	163	56	63	3	5	583	10	3	583	10	562	17	3	325	268	10	
18	KITSAP	21,200	283	152 M 141 F	148							43	35	8	48	5	13	8	2	149	3	2	149	3	150	1	2	71	81	4	
					130							41	37	5	34	14	8	2	139	2	2	139	2	136	1	2	64	67	7		

TABLE VII BIRTHS AND STILLBIRTHS ALLOCATED TO RESIDENCE OF MOTHER BY SEX FOR CERTAIN CLASSIFICATION FOR COUNTIES AND CITIES OF THE STATE - 1934 (CONTINUED)

NO.	AREA	TOTAL POPULATION	TOTAL ALL BIRTHS	TOTAL BY SEX		COLOR						PARENTAGE										LEGITIMATE	ILLEGITIMATE	ATTENDED BY		BORN IN		STILLBIRTHS				
				M	F	WHITE	NEGRO	INDIAN	CHINESE	JAPANESE	OTHERS	BOTH WASHINGTON	BOTH NATIVE	BOTH FOREIGN	WASHINGTON NATIVE	WASHINGTON FOREIGN	NATIVE FOREIGN	BOTH UNKNOWN	WASH. UNK.	NATIVE UNK.	FOREIGN UNK.			PHYSICIAN	MIDWIFE	OTHER	INSTITUTION		OTHER			
37	WHATCOM	29,100	470	239	232	230	6	7			2	2	51	56	18	62	23	25	25	35	2	2	2	1	1	235	3	237	1	115	123	4
				232		223					2	2	44	47	24	53	25	35			2	2	2	1	1	229	3	231	1	101	131	6
38	WHITMAN	28,600	417	215	202	214				1		69	39	2	89	8	8	5	5	2	2	2	2	1	1	210	5	214	1	67	148	8
				202		202					2		74	36	2	71	14	6			2	2	2	1	1	201	1	201	1	63	139	4
39	YAKIMA	56,900	1,197	627	565	585	22	22	8	2	2	108	244	19	202	22	26	26	13	12	3	3	3	3	5	614	13	612	14	257	370	15
				570		521	1	32	8	8	8	105	208	19	188	15	31	1	1	1	1	1	1	1	1	558	12	556	2	228	342	13
	TOTAL COUNTIES	797,600	11,946	6,136	5,943	6,136	4	131	1	36	21	1,469	1,878	204	2,018	332	377	3	3	40	40	16	2	2	2	16,008	128	6,013	48	2,766	5,370	159
				5,610		5,601	4	124	1	49	31	1,328	1,556	222	1,841	324	387	3	3	33	33	17	1	1	1	15,695	115	5,878	59	2,636	3,174	121

CITIES OVER 10,000 POPULATION NOT INCLUDED BY ABOVE TABULATION
(See next page for totals)

TABLE I. - DEATHS UNDER ONE YEAR OF AGE BY SEX FOR PRINCIPAL CAUSES - 1934
 ALLOCATED AND UNALLOCATED TO RESIDENCE BY COUNTIES AND CITIES - continued

AREA Area No.	UN-ALLOCATED		ALLOCATED TO RESIDENCE		8 Scarlet Fever	9 Whooping Cough	11 Influenza	15 Erysipelas	16 Polio	17 Encephalitis Letargica	24 Meningeal T.B.	23, 25, 32 All Other T.B.	34 Syphilis	36 Septicemia	67 Thymus gland	70s 86 Hemophilia	89 Convulsions - 6 years	89 Ear & Mastoid	207 Pneumonia	115 Parvyn & Tonsils	119 Diarrhea
	Male	Female	Male	Female																	
18 KITSAP	6	6	10	7		1													2	1	
19 KITTITAS	4	5	5	6		1													1	1	
20 KLIKITAT	3	1	5	1															1	1	
21 LEWIS	14	10	14	9	1										1				2		
22 LINCOLN	3	1	3	2																	
23 MASON	3	3	3	3															1		
24 CRANOGAN	15	5	15	5															1		
25 PACIFIC	7	3	7	3	1	1	1		1						1						
26 PEND OREILLE	0	1	1	2											1				1		
27 PIERCE	2	7	11	17		1															
28 SAN JUAN	0	0	0	0															3	3	
29 SKAGIT	11	11	11	11											1				3	1	
30 SKAMANIA	0	1	1	1																	
31 SNOHOMISH	15	7	19	9																	
32 SPOKANE	11	1	22	5											1				2	1	
33 STEVENS	9	5	14	5											1				2	2	
34 THURSTON	9	2	11	3															1		

TABLE 1. - DEATHS UNDER ONE YEAR OF AGE BY SEX FOR PRINCIPAL CAUSES - 1934
 ALLOCATED AND UNALLOCATED TO RESIDENCE BY COUNTIES AND CITIES - Continued

Area No.	UN-ALLOCATED		ALLOCATED TO RESIDENCE		6	9	11	15	16	17	24	23, 25, 32	34	36	67	70	86	89	107, 109	115	119																
	TOTAL		TOTAL																			U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A
	Male	Female	Male	Female																																	
9 SEATTLE	110	94	204	78	169	M	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1															
10 SPOKANE	67	41	108	32	83	F	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
11 TACOMA	54	33	87	28	74	M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
12 VANCOUVER	7	8	15	6	12	F	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2															
13 WALLA WALLA	8	4	12	3	11	M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
14 WENATCHEE	8	6	14	4	9	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
15 YAKIMA	25	18	43	8	20	M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
TOTALS (cities)	339	246	585	193	463	M	7	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2															
						F	7	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1															
						TOTAL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
TOTAL OF COUNTIES AND CITIES	571	403	974	403	974	M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																
						F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1															
						TOTAL	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2															
NON-RESIDENT DEATHS (see note below)																																					
IDAHO	-	-	-	2	4	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
CALIFORNIA	-	-	-	1	1	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
CANADA	-	-	-	1	1	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															

NOTE: Non-resident deaths included in totals of allocated deaths above.

