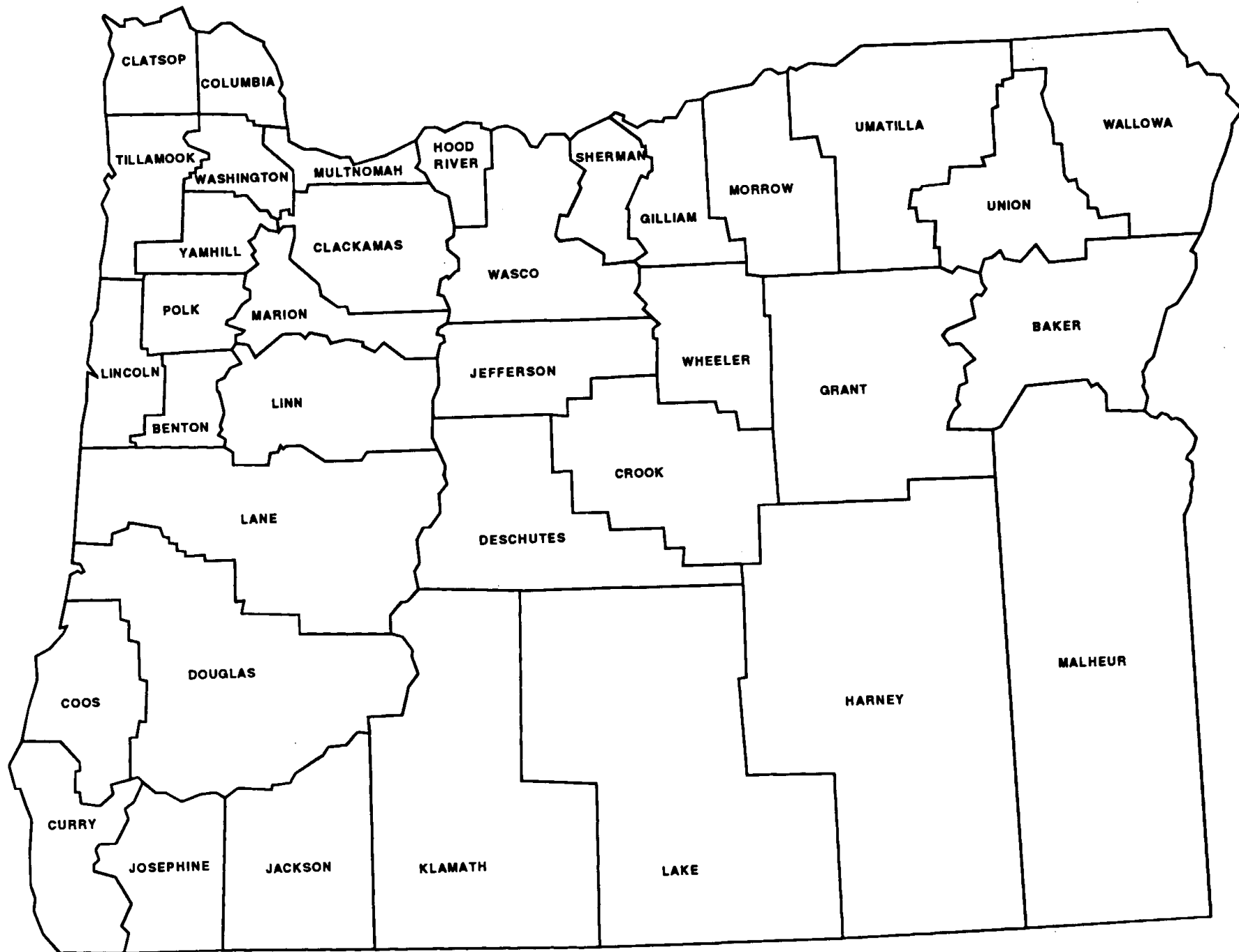

Oregon
Vital Statistics
Annual Report
1995
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Volume 2

Oregon Department of Human Resources
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Center for Disease Prevention and Epidemiology
Center for Health Statistics

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Preface

PREFACE

“What’s past is prologue...”

Sometimes the best way to determine what direction to take is to look at where we are and back at where we have been. This is as true in matters of public health as it is in navigation. And in today’s complex society, careful planning is becoming more important than ever before.

Each year, the Oregon Health Division (OHD) publishes the Oregon Vital Statistics Annual Report, an analytical look at the health of Oregon as measured by the health of its citizens. By this means, policy makers and health care professionals have a source of important knowledge that can be used to form bases for action and benchmarks for assessing progress.

STRUCTURE OF THE REPORT

Starting with the 1992 data, the Vital Statistics Annual Report is issued in two volumes in an effort to make it easier to use.

Volume 1 presents data on births, abortions, and teen pregnancy.

Volume 2 presents data on deaths (all ages) and adolescent suicide attempts. This volume’s chapter on fetal and infant deaths now includes analysis on birth characteristics.

The section on marriage and divorce has been eliminated, but simple, unpublished cross-tabulations are available by calling the Center for Health Statistics.

The section on communicable diseases has also been eliminated from the report. Comprehensive information on such diseases can be obtained by contacting the OHD Center for Disease Prevention and Epidemiology.

The more significant demographic and public health issues are discussed in the narrative sections that open each chapter. These narratives are accompanied by charts, graphs, and sidebar tables. Readers can research their own areas of interest by using the data in the many tables at the end of each section. You can also refer to other OHD reports for more detail on the specific issues summarized in this report. Recent publications are listed on the back inside cover of this report.

A COOPERATIVE EFFORT

The presentation of data in this report is the final stage of a long, ongoing process that begins with the prompt, accurate recording of vital events. This registration system ensures that the information is collected, kept secure, and made available to individuals and their families when needed for documentation. Tabulation and analysis of the data by the Oregon Center for Health Statistics provide useful information about the health and social changes occurring in Oregon.

Vital Statistics has been called “the eyes and ears of public health,” and is, in fact, the only organized system of health records covering the entire population. The collection of data is a highly cooperative effort that depends on the participation of a great many people throughout the state.

THE PROVIDERS OF SERVICES

Those who provide the services associated with vital events are the first participants in the collection system.

The birth attendant completes both the legal document and the confidential statistical section of the birth certificate. For deaths, the funeral director or person who first assumes responsibility for the body files the death or fetal death certificate. A physician completes the medical portion of these death certificates, except in cases of found bodies and unnatural deaths, which are certified by the medical examiner. Hospital medical records personnel help to ensure that all certificates are complete and accurate.

These service providers then file the completed certificates with the county registrars in the county where the event occurred.

Abortions and adolescent suicide attempts are treated differently. The providers of induced abortions file the completed statistical reports (which contain no identifying information) directly with the state registrar. Adolescent suicide attempts are reported by the hospitals treating the attempters.

COUNTY OFFICIALS

County registrars play an important role by further assuring the completeness and accuracy of birth, death, and fetal death registration. They check the certificates against other sources of information to make certain no events are missed. County registrars also follow up any incomplete items before sending the certificates to the state registrar at the Center for Health Statistics.

CENTER FOR HEALTH STATISTICS

At the state level, the staff of the Center for Health Statistics perform additional checks for completeness and accuracy. A field representative makes contact with providers and county registrars. Clerical staff send correspondence seeking additional information on such matters as causes of death, birthweight, and tobacco use. Microfilmmers store certificates so that certified copies can be made. Coders and data entry personnel turn the collected information into computerized data, which are then retrieved by programmers, analyzed by researchers, and made available for demographic and public health needs.

OTHER STATES

This report does not overlook events relating to Oregon residents that occurred in another state. The Centers for Health Statistics in each U.S. state and Canadian province have agreed to forward copies of birth, death, and fetal death certificates to the state where the person usually resided. A cooperative agreement also exists for reports on induced termination of pregnancy; however, some states collect no resident information on these reports and, therefore, cannot participate in the exchange.

Among all these participants, it is clear there is no single recorder. The many hundreds of people throughout Oregon who record the major life events of our citizens have all played important roles in preparing this report. It could not have been achieved without them.

Quick Reference: Volume 2

SUMMARY OF OREGON VITAL EVENTS, 1995

POPULATION	3,132,000	Population increased 50,000, or 1.6 percent over 1994.
DEATHS NUMBER RATE	RESIDENTS 28,190 9.0	Number of deaths increased by 829. Rate increased by 1.1 percent.
INFANT DEATHS NUMBER RATE	RESIDENTS 262 6.1	Number of infant deaths decreased by 33. Rate decreased by 14 percent.
NEONATAL DEATHS NUMBER RATE	RESIDENTS 137 3.2	Both the number and rate decreased, but not significantly.
MATERNAL DEATHS NUMBER RATIO	RESIDENTS 0 0.0	Oregon's average maternal death rate for five years (8.1) is slightly but not statistically significantly higher than the U.S. five-year rate between 1991 and 1995.

Crude death rates are per 1,000 population; infant and neonatal death rates per 1,000 live resident births; maternal death ratio per 100,000 live resident births.

**TABLE 5-1.
DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS,
AND FETAL DEATHS, U.S., 1945-1995**

YEAR	DEATHS		MATERNAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATIO
1945	1,401,719	10.6	5,668	207.2	104,684	38.3	66,593	24.3	65,513	23.9
1946	1,395,617	10.0	5,153	156.7	111,063	33.8	79,079	24.0	74,849	22.8
1947	1,445,370	10.1	4,978	134.5	119,173	32.2	84,296	22.8	77,917	21.1
1948	1,444,337	9.9	4,122	116.6	113,169	32.0	78,426	22.2	72,838	20.6
1949	1,443,607	9.7	3,216	90.3	111,531	31.3	76,326	21.4	70,584	19.8
1950	1,452,454	9.6	2,960	83.3	103,825	29.2	72,855	20.5	68,262	19.2
1951	1,482,099	9.7	2,812	75.0	106,702	28.4	75,192	20.0	70,569	18.8
1952	1,496,838	9.6	2,610	67.8	109,413	28.4	76,253	19.8	70,447	18.3
1953	1,517,541	9.6	2,385	61.1	108,405	27.8	76,332	19.6	69,393	17.8
1954	1,481,091	9.2	2,105	52.4	106,791	26.6	76,724	19.1	70,109	17.5
1955	1,528,717	9.3	1,901	47.0	106,903	26.4	77,351	19.1	69,153	17.1
1956	1,564,476	9.4	1,702	40.9	108,183	26.0	78,659	18.9	68,659	16.5
1957	1,633,128	9.6	1,746	41.0	112,094	26.3	81,088	19.1	69,561	16.3
1958	1,647,886	9.5	1,581	37.6	113,789	27.1	81,798	19.5	69,355	16.5
1959	1,656,814	9.4	1,588	37.4	112,008	26.4	80,778	19.0	68,613	16.2
1960	1,711,982	9.5	1,579	37.1	110,873	26.0	79,733	18.7	68,480	16.1
1961	1,701,522	9.3	1,573	36.9	107,956	25.3	78,482	18.4	68,767	16.1
1962	1,756,720	9.5	1,465	35.2	105,479	25.3	76,346	18.3	66,421	15.9
1963	1,813,549	9.6	1,466	35.8	103,390	25.2	74,648	18.2	64,640	15.8
1964	1,798,051	9.4	1,343	33.3	99,783	24.8	72,026	17.9	65,931	16.4
1965	1,828,136	9.4	1,189	31.6	92,866	24.7	66,419	17.7	60,859	16.2
1966	1,863,149	9.5	1,049	29.1	85,516	23.7	61,941	17.2	56,637	15.7
1967	1,851,323	9.4	987	28.0	79,028	22.4	58,127	16.5	54,934	15.6
1968	1,930,082	9.7	859	24.5	76,263	21.8	56,456	16.1	55,293	15.8
1969	1,921,990	9.5	801	22.2	75,073	20.9	56,085	15.6	50,749	14.1
1970	1,921,031	9.5	803	21.5	74,667	20.0	56,279	15.1	52,961	14.2
1971	1,927,542	9.3	668	18.8	67,981	19.1	50,496	14.2	47,818	13.4
1972	1,963,944	9.4	612	18.8	60,182	18.5	44,432	13.6	41,380	12.7
1973	1,973,003	9.3	477	15.2	55,581	17.7	40,664	13.0	38,309	12.2
1974	1,934,388	9.1	462	14.6	52,776	16.7	38,738	12.3	36,281	11.5
1975	1,892,879	8.8	403	12.8	50,525	16.1	36,416	11.6	33,796	10.7
1976	1,909,440	8.8	390	12.3	48,265	15.2	34,587	10.9	33,111	10.8
1977	1,899,597	8.6	373	11.2	46,975	14.1	32,860	9.9	33,052	9.9
1978	1,927,788	8.7	321	9.6	45,945	13.8	31,618	9.5	32,301	9.7
1979	1,913,841	8.5	336	9.6	45,665	13.1	30,980	8.9	32,969	9.4
1980	1,989,841	8.8	334	9.2	45,526	12.6	30,618	8.5	33,353	9.2
1981	1,977,981	8.6	309	8.5	43,305	11.9	28,000	7.8	32,596	9.0
1982	1,974,797	8.5	292	7.9	42,401	11.5	28,000	7.6	32,694	8.9
1983	2,019,201	8.6	290	8.0	40,627	11.2	26,507	7.3	30,752	8.5
1984	2,039,369	8.6	285	7.8	39,580	10.8	25,691	7.0	30,099	8.2

**TABLE 5-1.
DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS,
AND FETAL DEATHS, U.S., 1945-1995 (CONTINUED)**

YEAR	DEATHS		MATERNAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATIO
1985	2,086,440	8.7	295	7.8	40,030	10.6	26,179	7.0	29,661	7.9
1986	2,105,361	8.7	272	7.2	38,891	10.4	25,212	6.7	28,972	7.7
1987	2,123,323	8.7	251	6.6	38,380	10.0	24,940	6.5	29,349	7.6
1988	2,167,999	8.8	330	8.4	38,910	10.0	24,690	6.3	29,442	7.5
1989	2,150,466	8.7	320	7.9	39,655	9.8	24,800	6.2	30,469	7.6
1990	2,148,463	8.6	343	8.2	38,351	9.2	23,920	5.8	31,386	7.5
1991	2,169,518	8.6	323	7.9	36,766	8.9	22,978	5.6	31,160	7.3
1992	2,175,613	8.5	318	7.8	34,628	8.5	21,849	5.4	-	-
1993	2,268,553	8.8	302	7.5	33,466	8.4	21,174	5.3	-	-
1994	2,278,994	8.8	328	8.3	31,710	8.0	20,250	5.1	-	-
1995	2,312,132	8.8	277	7.1	29,583	7.6	19,155	4.9	-	-

- Data not available.

Rate per 1,000 population for deaths.

Rate per 1,000 live births for infant, neonatal, and fetal deaths.

Rate per 100,000 live births for maternal deaths.

The following federal publications are the sources for federal data: Births, Marriages, Divorces, and Deaths for 1995. Report of Final Mortality Statistics, 1995. Report of Final Natality Statistics, 1995. These Publications belong to the Monthly Statistics Report Series Published by the National Center for Health Statistics (NCHS). Vital Statistics of the United States, Volumes 1-3, lists historical data. The number of fetal deaths for 1985-1991 are from Hoyert, D.L. "Perinatal Mortality in the United States: 1985-1991." U.S. Department of Health and Human Services, Public Health Services, Centers for Disease Control and Prevention, National Center for Health Statistics, 20 (26) August 1995.

TABLE 5-2.
DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS,
AND FETAL DEATHS, OREGON, 1908-1995

YEAR	DEATHS		MATERNAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATIO
1908	4,970	8.0	59	709.0	676	81.2	-	-	-	-
1909	5,470	8.4	70	808.7	756	80.7	-	-	-	-
1910	6,089	9.0	91	991.7	733	79.9	-	-	-	-
1911	6,360	9.2	91	951.7	753	78.7	-	-	-	-
1912	5,898	8.4	63	563.1	653	58.6	-	-	-	-
1913	6,714	9.4	60	543.8	684	61.9	-	-	-	-
1914	6,446	8.9	72	619.4	577	49.6	-	-	-	-
1915	6,718	9.1	74	605.0	583	47.6	-	-	-	-
1916	7,107	9.5	88	679.0	725	55.9	-	-	-	-
1917	7,349	9.7	87	661.7	837	63.6	-	-	-	-
1918	9,842	12.8	106	797.3	907	68.2	-	-	-	-
1919	8,881	11.4	101	740.6	845	61.9	-	-	-	-
1920	9,186	11.6	112	749.0	927	61.9	-	-	-	-
1921	8,324	10.2	117	749.7	791	50.6	-	-	-	-
1922	9,381	11.3	115	762.2	886	58.7	-	-	-	-
1923	8,983	10.6	103	687.0	853	56.9	-	-	-	-
1924	9,511	11.1	94	594.3	834	52.7	-	-	-	-
1925	9,596	10.9	95	609.8	787	50.5	-	-	-	-
1926	9,885	11.1	85	569.4	769	51.5	-	-	-	-
1927	10,222	11.2	91	621.7	693	47.3	-	-	-	-
1928	10,493	11.3	86	607.4	651	46.0	-	-	410	29.0
1929	10,680	11.3	75	566.3	633	47.7	-	-	415	31.4
1930	10,544	11.0	81	601.2	671	49.8	-	-	390	28.9
1931	10,245	10.6	61	461.2	578	43.7	-	-	360	27.2
1932	10,272	10.5	64	498.2	530	41.3	-	-	322	25.1
1933	10,450	10.5	64	523.4	493	40.3	-	-	329	26.9
1934	10,539	10.5	79	604.4	519	39.7	-	-	320	24.5
1935	11,429	11.2	72	547.8	537	40.8	-	-	300	22.8
1936	12,434	12.0	77	545.4	626	44.3	409	29.0	300	21.5
1937	12,369	11.8	56	361.4	649	41.9	415	26.8	340	22.4
1938	11,777	11.1	53	324.5	631	38.6	418	25.6	353	21.6
1939	11,779	11.0	43	257.1	580	34.7	381	22.8	322	19.3
1940	12,329	11.3	45	256.8	592	33.2	413	23.6	365	20.8
1941	12,123	10.9	43	228.9	589	30.7	397	20.9	333	17.7
1942	12,520	10.9	37	166.0	669	30.0	456	20.4	362	16.2
1943	13,440	11.5	37	145.8	776	30.6	466	18.4	-	-
1944	12,580	10.3	41	147.9	706	30.1	504	21.5	454	19.4
1945	12,325	10.0	29	124.3	660	28.3	473	20.3	402	17.2
1946	12,828	9.5	28	94.7	803	27.2	594	20.1	515	17.4
1947	13,460	9.5	35	96.7	896	24.8	645	17.8	562	15.5
1948	13,872	9.4	15	42.9	892	25.5	671	19.2	508	14.5
1949	13,698	9.1	20	57.0	862	24.6	661	18.9	488	13.9
1950	13,888	9.1	22	61.1	816	22.7	627	17.4	493	13.7
1951	14,489	9.2	5	13.4	883	23.7	637	17.1	498	13.3
1952	14,438	9.0	11	27.7	951	23.9	696	17.5	500	12.6
1953	14,598	8.9	15	37.6	938	23.5	680	17.1	524	13.1
1954	14,665	8.8	9	23.3	868	22.5	632	16.4	512	13.3

TABLE 5-2.
DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS,
AND FETAL DEATHS, OREGON, 1908-1995 (CONTINUED)

YEAR	DEATHS		MATERNAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATIO
1955	15,303	9.1	8	20.7	934	24.1	681	17.6	497	12.8
1956	15,328	8.8	11	28.6	887	23.1	645	16.8	504	13.1
1957	15,633	9.0	8	21.1	828	21.9	587	15.5	499	13.2
1958	15,449	8.9	6	16.5	844	23.3	597	16.4	448	12.3
1959	16,699	9.4	9	24.6	927	25.3	664	18.1	469	12.8
1960	16,787	9.5	14	36.5	891	23.2	635	16.6	493	12.9
1961	16,885	9.3	8	21.3	861	23.0	604	16.1	454	16.1
1962	17,221	9.4	7	18.9	811	21.9	554	15.0	461	12.5
1963	18,017	9.7	7	20.1	747	21.4	551	15.8	410	11.8
1964	18,138	9.5	4	11.9	754	22.5	532	15.9	402	12.0
1965	18,133	9.2	1	3.0	696	21.1	477	14.5	421	12.8
1966	18,979	9.5	3	9.2	697	21.5	506	15.6	387	11.9
1967	18,908	9.4	4	12.7	616	19.6	436	13.9	395	12.6
1968	19,017	9.3	3	9.3	637	19.8	460	14.3	365	11.4
1969	19,548	9.4	4	11.8	592	17.5	410	12.1	194	*
1970	19,530	9.3	5	14.1	555	15.7	381	10.8	486	13.7
1971	20,087	9.4	5	15.0	615	18.4	416	12.5	408	12.2
1972	20,216	9.3	5	16.0	528	16.9	359	11.5	391	12.5
1973	20,881	9.4	1	3.2	466	15.1	329	10.6	312	10.1
1974	20,320	9.0	3	9.2	488	15.0	330	10.2	266	8.2
1975	20,142	8.8	3	9.0	502	15.1	330	9.9	284	8.5
1976	20,459	8.7	0	0.0	444	12.7	277	8.0	280	8.0
1977	20,457	8.5	5	13.3	453	12.1	293	7.8	283	7.6
1978	20,870	8.4	2	5.1	502	12.9	299	7.7	302	7.8
1979	21,024	8.3	1	2.4	450	10.8	276	6.6	307	7.4
1980	21,756	8.3	1	2.3	521	12.1	303	7.0	294	6.8
1981	21,798	8.2	3	7.0	466	10.8	299	7.0	298	6.9
1982	21,594	8.1	8	19.5	433	10.6	253	6.2	253	6.2
1983	22,361	8.5	6	15.0	385	9.6	215	5.4	268	6.7
1984	23,101	8.7	5	10.1	388	9.8	190	4.8	257	6.5
1985	23,824	8.9	4	10.1	387	9.8	211	5.3	237	6.0
1986	23,328	8.8	4	10.3	368	9.5	183	4.7	268	6.9
1987	24,181	9.0	2	5.2	402	10.4	213	5.5	222	5.7
1988	24,557	9.0	3	7.5	339	8.5	181	4.5	235	5.9
1989	24,679	8.8	4	9.7	364	8.8	205	5.0	230	5.6
1990	25,073	8.8	3	7.0	354	8.3	182	4.2	262	6.1
1991	24,935	8.5	3	7.0	307	7.2	172	4.0	261	6.1
1992	25,714	8.6	3	7.2	297	7.1	158	3.8	243	5.8
1993	27,596	9.1	7	16.8	297	7.1	154	3.7	204	4.9
1994	27,361	8.9	4	9.6	295	7.1	164	3.9	224	5.4
1995	28,190	9.0	0	0.0	262	6.1	137	3.2	237	5.5

- Data not available.

* Incomplete total.

Rate per 1,000 population for deaths.

Rate per 100,000 live births for maternal deaths.

Rate per 1,000 live births for infant and neonatal deaths.

Ratio per 1,000 live births for fetal deaths.

TABLE 5-3.
DEATHS, INFANT DEATHS, NEONATAL DEATHS, AND FETAL DEATHS,
BY COUNTY OF RESIDENCE, OREGON, 1995

COUNTY OF RESIDENCE	DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	28,190	9.0	262	6.1	137	3.2	237	5.5
BAKER	172	10.4	4	21.7	2	10.9	2	10.9
BENTON	435	5.8	7	8.8	4	5.0	7	8.8
CLACKAMAS	2,440	7.9	31	7.9	13	3.3	12	3.1
CLATSOP	415	12.1	7	16.5	5	11.8	5	11.8
COLUMBIA	383	9.6	3	6.6	1	2.2	5	10.9
COOS	717	11.5	2	3.4	1	1.7	3	5.1
CROOK	186	11.8	1	4.7	-	-	1	4.7
CURRY	281	12.6	2	10.0	1	5.0	-	-
DESCHUTES	728	7.7	8	6.6	3	2.5	7	5.8
DOUGLAS	1,089	11.1	4	3.5	3	2.6	4	3.5
GILLIAM	24	13.7	-	-	-	-	-	-
GRANT	69	8.7	1	10.2	-	-	1	10.2
HARNEY	81	11.5	1	13.3	-	-	-	-
HOOD RIVER	155	8.3	2	6.7	2	6.7	2	6.7
JACKSON	1,715	10.4	13	6.0	7	3.3	13	6.0
JEFFERSON	140	8.7	4	15.4	1	3.8	2	7.7
JOSEPHINE	933	13.1	3	3.7	3	3.7	6	7.4
KLAMATH	626	10.2	7	8.2	4	4.7	4	4.7
LAKE	86	11.4	1	10.6	-	-	-	-
LANE	2,611	8.6	17	4.7	11	3.0	10	2.7
LINCOLN	512	12.2	1	2.3	1	2.3	4	9.4
LINN	967	9.9	11	8.2	8	5.9	3	2.2
MALHEUR	263	9.3	5	9.8	2	3.9	4	7.9
MARION	2,344	9.1	30	7.1	16	3.8	31	7.3
MORROW	84	9.7	1	7.4	-	-	1	7.4
MULTNOMAH	5,766	9.2	56	6.2	28	3.1	54	6.0
POLK	499	9.0	1	1.5	-	-	1	1.5
SHERMAN	17	8.9	-	-	-	-	-	-
TILLAMOOK	274	11.8	3	12.1	1	4.0	-	-
UMATILLA	576	8.8	6	5.9	4	4.0	5	5.0
UNION	225	9.2	1	3.5	1	3.5	2	6.9
WALLOWA	92	12.7	-	-	-	-	2	29.9
WASCO	285	12.6	2	7.2	2	7.2	-	-
WASHINGTON	2,365	6.4	25	4.2	12	2.0	38	6.4
WHEELER	17	11.0	-	-	-	-	-	-
YAMHILL	621	8.3	4	3.8	2	1.9	8	7.6

NOTE: Rate per 1,000 population for deaths.

Rate per 1,000 live births for infant, neonatal, and fetal deaths.

- Quantity is zero.

TABLE 5-4.
NEW OREGON BENCHMARKS MEASURED BY HEALTH DIVISION DATABASES

REF. NO.	NEW OREGON BENCHMARKS	UNIT OF MEASURE (PER)	YEAR	INDICATORS	
				CUR-RENT	YEAR 2000 GOAL
43	Teen pregnancy rate	1000 females 10-17	1995	19.2	15
44	Percentage of babies whose mothers received early prenatal care (beginning in the first trimester)	100 births	1995	79.0	90
45	Infant mortality rate	1000 births	1995	6.1	6
46	Percentage of two-year olds who are adequately immunized	percent	1994	67.0	90
47	Annual percentage of new HIV cases with an early diagnosis (before symptoms occur)	% of positive cases	1995	78.0	85
48	Percentage of adults who do not currently smoke tobacco	percent	1995	78.0	81
49	Premature mortality: Years of potential life lost before age 70	1000 population 0-69	1995	61.4	57.4
50	Percentage of adults whose self-perceived health status is very good or excellent	percent	1995	62.0	65
56a	Percentage of infants whose mothers used alcohol during pregnancy (self-report)	100 births	1995	3.0	2
56b	Percentage of infants whose mothers used tobacco during pregnancy (self-report)	100 births	1995	18.0	15
66	Percentage of students who carry weapons	percent	1995	19.0	15
71	Percentage of Oregonians served by public drinking water systems that meet health-based standards	percent	1995	50.0	75

NOTE: The Oregon Benchmarks were reduced from 259 to 92 as part of the state's updated strategic plan *Oregon Shines II: Updating Oregon's Strategic Plan, A Report to the People of Oregon, January 21, 1997*. Oregon Health Division databases are used to measure 12 Benchmarks.

New Oregon Benchmarks measured by Health Division Databases from Oregon Shines II: Updating Oregon's Strategic Plan - A Report to the People of Oregon, January 21, 1997. Oregon Progress Board

- 43 Source: Birth Certificate Statistical File and Abortion Statistical File. Pregnancy rates are the sum of resident live births and induced abortions divided by the estimated population. * Spontaneous abortions and fetal deaths are not included. Pregnancy rates include live births to Oregon residents and abortions for Oregon residents regardless of where the abortion was performed. Out of state abortions for Oregon residents may be under-reported because some states where Oregon residents go to have abortions do not report the patient's state of residence.
- 44 Source: Birth Certificate Statistical File. Resident live births to women who have prenatal care visits beginning in the first trimester divided by the total number of resident live births.
- 45 Source: Death Certificate Statistical File and Birth Statistical File. Infants who die within one year of birth divided by the number of resident live births during the same calendar year.
- 46 Source: Baby Shot Survey, Immunization Program, Center for Child and Family Health.
- 47 Source: HIV Program, Center for Disease Prevention and Epidemiology. Persons diagnosed with asymptomatic HIV disease divided by the total number of persons diagnosed with HIV during the calendar year.
- 48 Source: Behavioral Risk Factor Surveillance System (BRFSS). Adults (> 18 years of age) who report that they do not now smoke cigarettes divided by the total number of survey respondents.
- 49 Source: Death Certificate Statistical File. Years of potential life lost (YPLL) quantifies premature mortality occurring in younger age groups by measuring the number of years between age at death and age 70. This composite figure first calculates the age-specific YPLL for each of 7 age groupings 0-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, and 65-69 by taking the midpoint for each age group, subtracting from 70, and multiplying by the number of deaths in each age group. The resulting number for each age group is then divided by the age-specific population and standardized (weighted) to an age-homogeneous hypothetical population of 1,000 people per every 10-year age group. Standardizing permits valid comparisons over time. The weighted numbers are summed across ages, then divided by seven (seven 10-year age groups).
- 50 Source: Behavioral Risk Factor Surveillance System (BRFSS). Adults (> 18 years of age) who report that their general health is very good or excellent divided by the total number of survey respondents.
- 56a Source: Birth Certificate Statistical File. Resident live births whose mothers reported using alcohol during pregnancy divided by the total number of resident live births.
- 56b Source: Birth Certificate Statistical File. Resident live births whose mothers reported using tobacco during pregnancy divided by the total number of resident live births.
- 66 Source: Youth Risk Behavior Survey. Survey respondents in grades 9-12 who report carrying a weapon (such as a knife, gun, or club) within 30 days of the survey divided by the total survey respondents.
- 71 Source: Safe Water System, Drinking Water Program, Center for Environmental Health Systems.

Mortality

ALL CAUSES

During 1995, Oregon's death rate rose 1.4 percent to 900.1 per 100,000 population, up from 887.8. In three of the past four years the rate increased. Prior to 1992 it had been following a consistent downward trend, declining annually since 1987. [Figure 6-1; Table 6-3]. During 1995, a near record 28,190 Oregonians died, 3.0 percent more than during the previous year.

Large increases occurred in the death rates for two causes: Parkinson's disease (up 17%) and Alzheimer's disease (up 13%). Both were record highs. The diabetes rate, too, continued its apparently inexorable climb, reaching a record 22.5 deaths per 100,000 population.

Between 1994 and 1995, the age-specific death rates increased for females in all age groups, except 45- to 64 year-olds; the largest increase (25%) occurred among 15- to 24 year-olds. A lesser increase (13%) was recorded for males in this age group, the only group of males other than those 65 or older to see an increase. The median age at death was 77 years, 80 for females and 74 for males. On average, an Oregonian died every 19 minutes during 1995.

Oregon's 1995 crude death rate for all causes combined was slightly higher than the nation's (880.0). However, its 1994 age-adjusted death rate was 7.4 percent lower than the nation's. [Table 6-42]¹. (Age-adjusted death rates control for the effect of the age distribution of a population on its death rate. Any remaining differences are due to factors other than age.)

On average, an Oregonian died every 19 minutes during 1995.

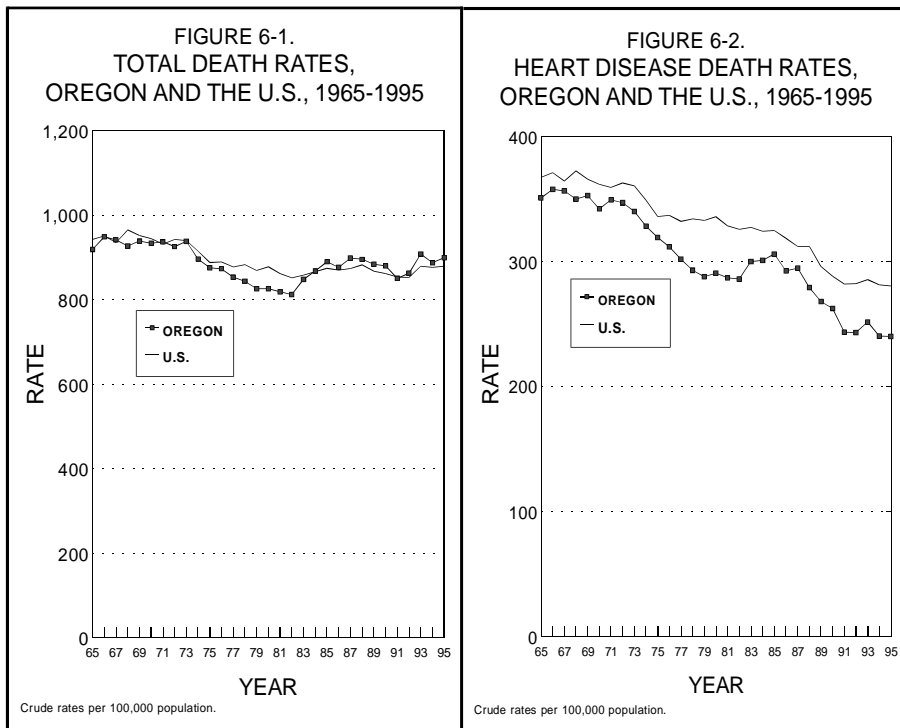
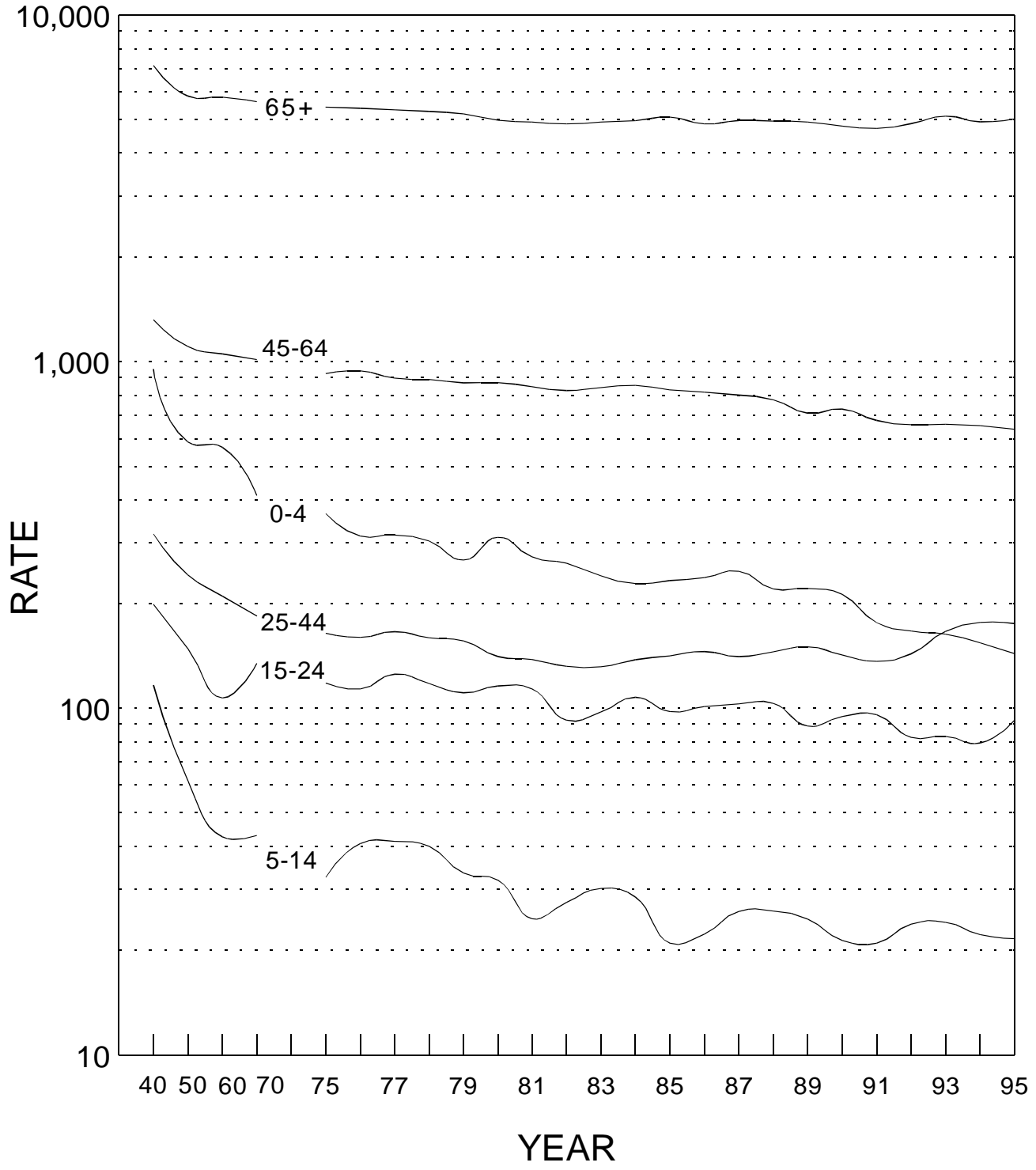
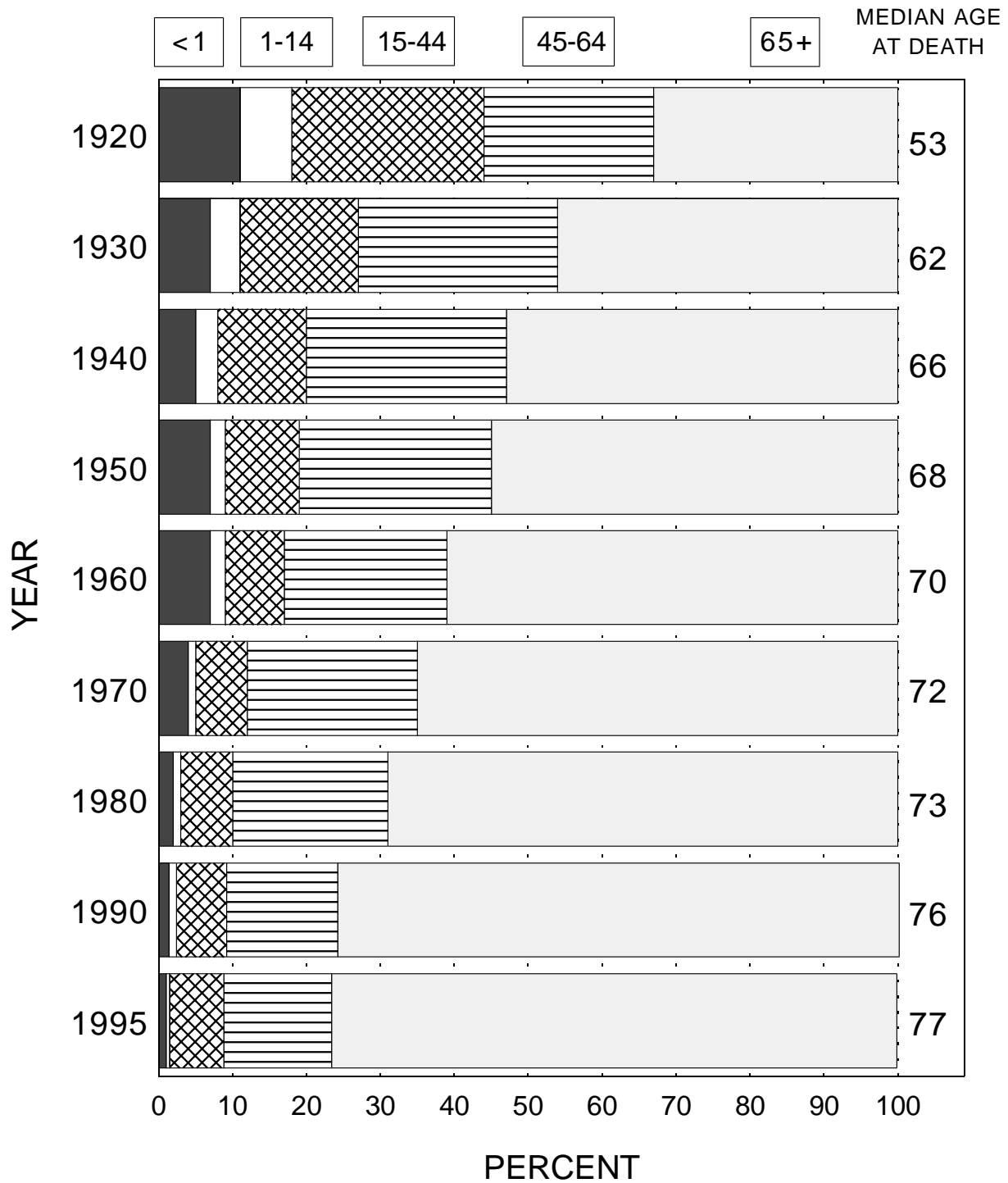


FIGURE 6-3.
AGE-SPECIFIC DEATH RATES,
OREGON RESIDENTS, 1940-1995



Rates per 100,000 population.

FIGURE 6-4.
PROPORTION OF DEATHS BY SELECTED AGE GROUPS, OREGON RESIDENTS, 1920-1995



This year's Annual Report includes a new table (6-40) that tabulates deaths by place of death (e.g., hospital, home) by sex, age and cause of death.

HEART DISEASE

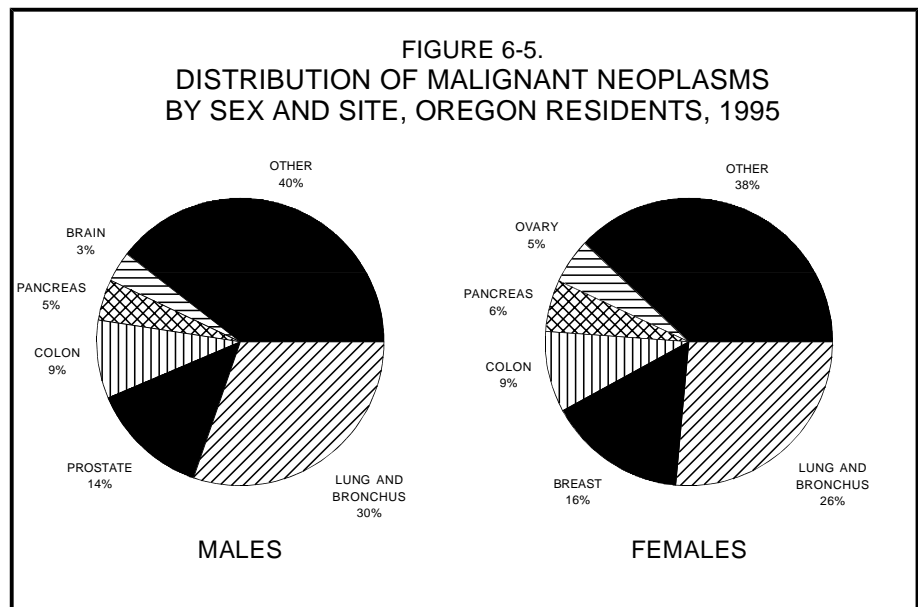
Heart disease continued to be the leading cause of death in Oregon, accounting for over one of every four resident deaths. The death rate was virtually unchanged compared to the previous year, 240.4 per 100,000 population in 1995 compared to 240.7 in 1994.² [Figure 6-2; Table 6-3]. Nonetheless, this is a record low and a continuation of a long-term downward trend. Since 1985, the largest decline has been among chronic ischemic heart disease deaths; the rate fell 32% compared to 12% for other heart diseases.

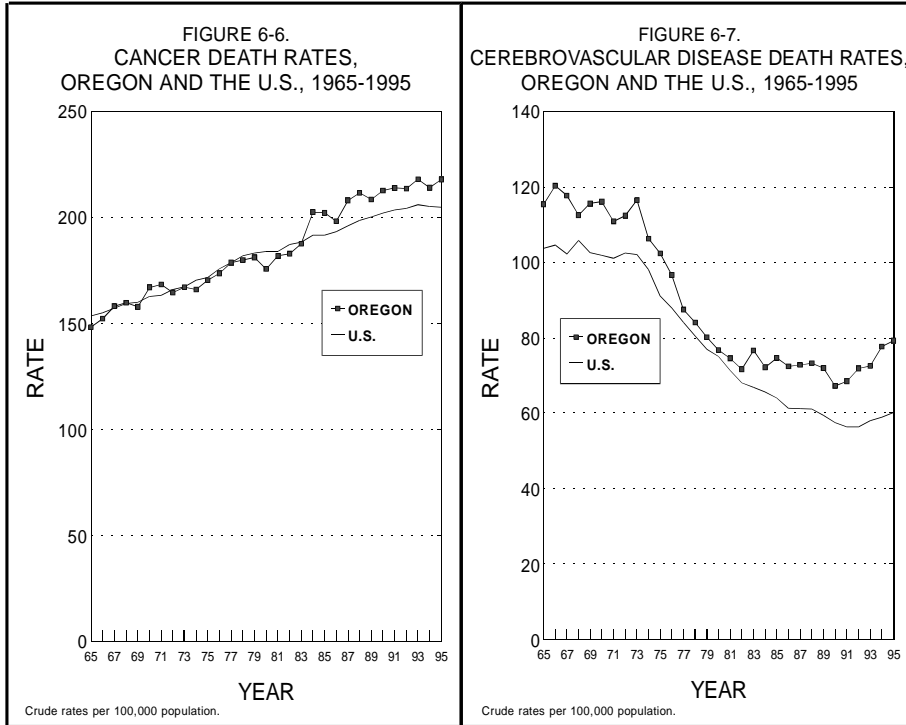
As with many causes of death, the heart disease mortality rate was higher among males than females. This disparity has narrowed during the past decade, however. [Table 6-2]. During 1985, the rate for males was 23 percent higher than that for females; by 1995, the male rate was 14.3 percent higher than the female rate.

Oregon's rate has consistently been lower than the U.S. rate; in 1994, the state's age-adjusted death rate was 23 percent lower than the nation's. [Table 6-42]. An Oregonian died of heart disease every 70 minutes in 1995.

The heart disease category includes a number of conditions. Most common, and accounting for the majority of heart disease deaths, are myocardial infarctions, coronary occlusions, coronary thromboses, and coronary heart disease. The infarctions, occlusions, and thromboses are acute, often terminal events, while coronary heart disease is a chronic condition.

Over the past two decades the proportion of deaths due to heart disease declined from 36 percent to 27 percent.





Lung cancer is the most common fatal cancer for both men and women.

CANCER

The malignant neoplasm death rate continued its long-term upward trend during 1995 to 217.9 per 100,000 population, compared to 214.1 in 1994. [Figure 6-6; Table 6-3].

Malignant neoplasms are the leading cause of death in each 10-year age group between 45 and 74 years. [Table 6-4]. During 1995 the median age at death for cancer patients increased to 73, the highest ever recorded. The death rate for males was 9.3 percent higher than that for females (227.7 versus 208.4), with the disparity greatest among the elderly. In addition to the cancer-caused deaths of 6,824 Oregonians, cancer contributed to another 839 deaths where it was not the underlying cause. [Table 6-35].

The long-term upward trend in cancer mortality has been driven principally by an increasing number of lung cancer deaths, a cause that would be rare if Oregonians did not smoke. The lungs were the most common site of cancer for both males and females, with lung cancer deaths becoming increasingly prevalent among women. A decade ago, there were 2.0 lung cancer fatalities among men for every female death. By 1995 the ratio declined to 1.2-to-1.0. The male lung cancer death rate plateaued during the mid 1980s through the early 1990s; more recently, the rate has begun to move downward and is now lower than it was in 1980. However, during the same time the rate for females has more than doubled, hitting a record high in 1995.

The total lung cancer death rate has more than quintupled since 1950, increasing from 11.6 to 62.5 per 100,000 Oregonians. (This has been accompanied by a sharp increase in chronic obstructive pulmonary disease deaths as well.) During 1995, record high death rates were recorded for myeloid leukemia and cancer of the urinary organs.

LUNG CANCER DEATH RATES			
YEAR	TOTAL	MALE	FEMALE
1970	33.5	56.4	11.4
1975	41.2	65.9	17.7
1980	48.3	69.9	27.4
1985	56.2	76.0	37.2
1990	64.3	81.2	48.1
1994	63.3	74.5	52.4

Rates per 100,000 population.

During 1994, Oregon's age-adjusted death rate was 4.0 percent less than the nation's. Cancer claimed the life of an Oregonian every 77 minutes in 1995.

CEREBROVASCULAR DISEASE

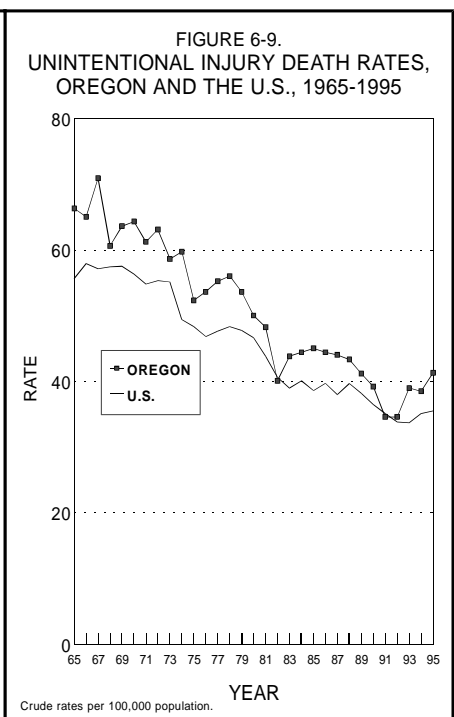
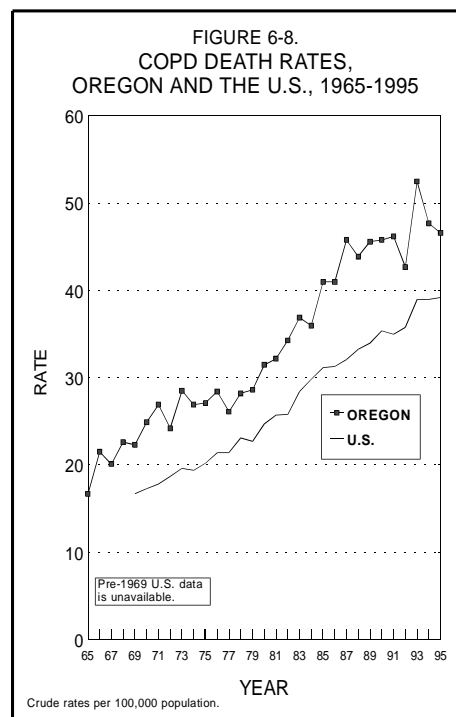
During most of the 1980s, the death rate for cerebrovascular disease fluctuated between a narrow range of values, ultimately declining to a record low 67.2 per 100,000 population in 1990. Since then, the rate has increased annually reaching 79.3 during 1995, an 18 percent increase. [Figure 6-7; Table 6-3]. Every age group has witnessed an increase in cerebrovascular disease death rates since the beginning of the decade. Besides the 2,483 deaths due to cerebrovascular disease, these conditions contributed to the deaths of another 1,302 Oregonians. [Table 6-35].

Cerebrovascular disease was the third most common cause of death among Oregonians. It struck females far more often than males (98.6 vs. 59.4). However, males 55-74 years old had higher death rates than similarly aged females. The median age at death reached 83 years, the highest level ever. [6-13].

Over the past quarter-century, the crude death rate from cerebrovascular disease has consistently been higher in Oregon than in the U.S. as a whole. Part of this difference is because the state's population is older than the nation's but even after controlling for this variable with age-adjusted death rates, Oregon's 1994 rate was 9.7 percent higher than the U.S. rate. An Oregonian died from cerebrovascular disease every 3.5 hours in 1995.

Sudden circulatory crises such as strokes, cerebral thromboses, and hemorrhages are common acute forms of these diseases; cerebral arteriosclerosis is a chronic form. Most deaths are attributable to the former.

Cerebrovascular disease claimed an Oregonian every 3.5 hours.



RESPIRATORY DISEASE

Chronic obstructive pulmonary disease (COPD) has become an increasingly common killer of Oregonians over the past several decades, and is now the fourth leading cause of death. During 1995, however, the death rate fell to 46.6 per 100,000 population, down 11 percent from the record high 52.5 recorded during 1993. [Figure 6-8; Table 6-3]. Despite fewer deaths a record number of years of potential life were lost during 1995. [Table 6-11].

There is a distinct, but decreasing, gender difference in the risk of death from COPD. In 1985, males were 84 percent more likely to die from this cause than were females; by 1995, they were only 6.9 percent more likely to do so. The vast majority of COPD deaths are caused by tobacco use; the sharp rise in deaths among women reflects their increasing smoking prevalence during past decades. No other cause has a higher proportion of deaths linked to tobacco use than does COPD. [Table 6-19].

The group of allied conditions categorized as COPD includes four principal diseases: chronic and unspecified bronchitis, emphysema, asthma, and chronic airways obstruction. The death rates for the two most common of the four have increased since 1985: emphysema by 7.6 percent, chronic airways obstruction by 19 percent. In addition to the 1,460 Oregonians whose deaths were due to chronic obstructive pulmonary diseases, COPD was a factor in another 1,774 deaths. [Table 6-35].

During 1994, Oregon's age-adjusted COPD death rate was 11 percent higher than the U.S. rate. An Oregonian died from chronic obstructive pulmonary disease every 6.0 hours in 1995. Most of these deaths could have been prevented.

UNINTENTIONAL INJURIES

Oregon's unintentional injury³ death rate had been declining until the early 1980s. The downward trend resumed in 1986 and accelerated through 1991 falling to 34.6 per 100,000 population, a record low. [Figure 6-9; Table 6-3]. Since 1991, however, the rate has trended upward reaching 41.3 in 1995, a 19 percent increase. Rates have risen for both sexes and nearly all age groups but males remained twice as likely as females to die from an unintentional injury.

Although this category ranked fifth overall in the number of deaths (1,293), it was the leading cause of premature death and the leading cause of death for Oregonians ages 1-44; more years of potential life were lost before age 65 from unintentional injuries than from any other cause. [Table 6-25]. Cancer and heart disease ranked second and third, respectively.

Motor vehicle-related deaths (582) accounted for 45 percent of all unintentional injury deaths; over half (58%) of the decedents were 15-44 years old. (Eighty of the deaths involving motor vehicles were of pedestrians. [Table 6-16].) Falls, the second most common type of fatal unintentional injury, claimed 231 Orego-

COPD DEATH RATES		
YEAR	MALE	FEMALE
1985	53.4	29.0
1995	48.2	45.1
% Change	-9.7	+55.5
Rates per 100,000 population.		

Unintentional injuries were the leading cause of years of potential life lost.

One in seven motor vehicle-related fatalities were of pedestrians.

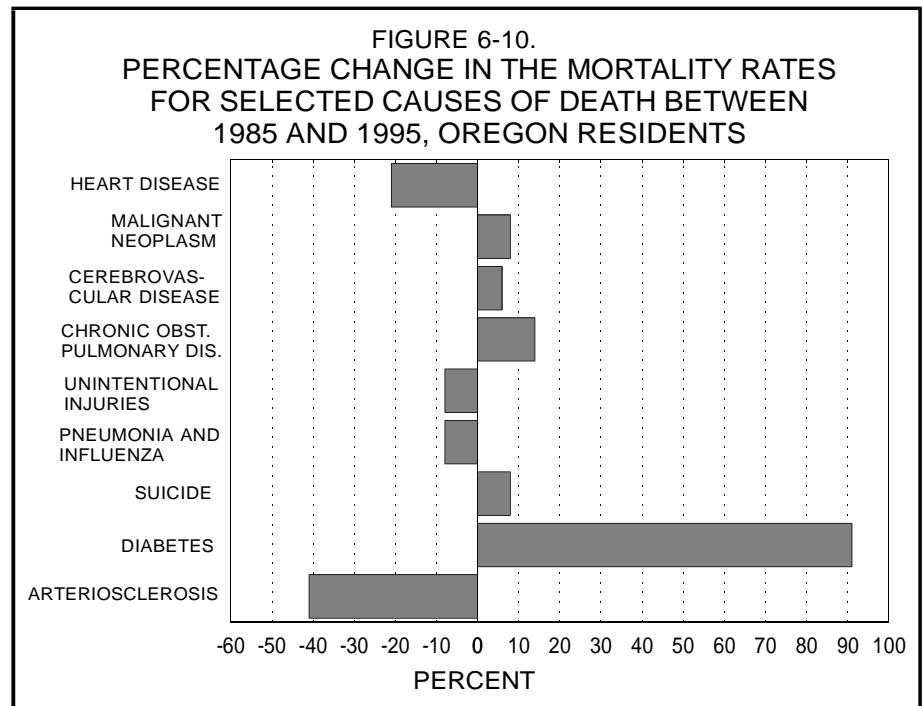
nians; three-quarters (75%) of the victims were 75 or older. Most fatal falls occurred in the home. Poisonings and drownings were the third and fourth most common causes of unintentional injury deaths. [Table 6-16]. During 1995, 57 fatal unintentional injuries were sustained in the workplace.⁴ [Table 6-14].

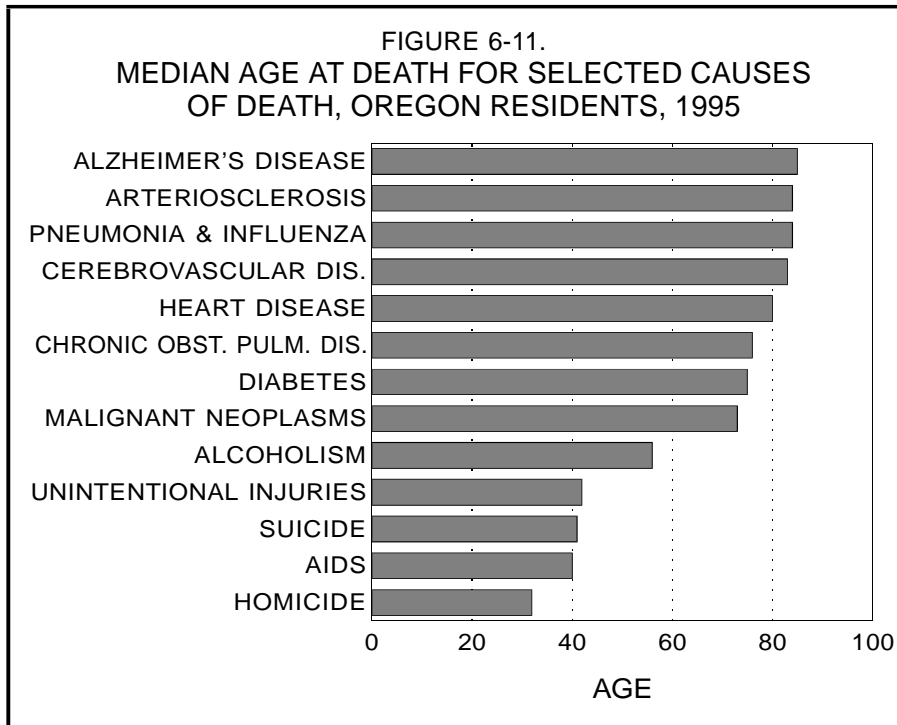
Oregonians continued to be more apt to suffer a fatal unintentional injury than the average American. During 1994 the state's age-adjusted rate exceeded the U.S. rate by 6.2 percent. An Oregonian died as a consequence of an unintentional injury every 6.8 hours in 1995.

PNEUMONIA AND INFLUENZA

The death rate for pneumonia and influenza, the sixth leading cause of death remained unchanged during 1995 at 28.7 per 100,000 population.

As is typically the case, the 1995 mortality rate for pneumonia and influenza was higher for females than males (30.0 versus 27.3). This is the fifth leading cause of death among Oregonians 75 or older. Besides the 899 deaths attributed to pneumonia and influenza, these infections played a role in another 1,291 deaths. [Table 6-35]. Oregon's 1994 age-adjusted mortality rate was 20 percent lower than the national rate. A resident died of pneumonia or influenza every 9.7 hours in 1995.





DIABETES

During the early to mid-1980s, the diabetes mellitus death rate fluctuated over a narrow range of values. Then in 1987 it moved sharply upward, with the disease claiming a record number of Oregonians. The rate has risen every year since then. By 1995, it was 83 percent higher than the 1986 rate (22.5 versus 12.3 per 100,000 population). [Table 6-3]. The increase has occurred across all age groups and both sexes. Among all Oregonians in 1995, diabetes caused 705 deaths and contributed to another 1,688. [Tables 6-3 and 6-35]. Local diabetes authorities have no explanation for the rising death rate other than improved physician awareness and reporting of the disease.

Historically, Oregon's diabetes death rate has been markedly lower than the nation's, but with the increases during recent years the gap has narrowed; the state's 1994 age-adjusted death rate was 15 percent lower than the U.S. rate. An Oregonian died of diabetes every 12.4 hours in 1995.

SUICIDE

A record 526 Oregonians committed suicide during 1995. The death rate, however, (16.8 per 100,000 population) declined slightly over the previous year's record high (17.0), a result of fewer suicides by females. Although often exhibiting considerable variation from year to year, the long-term trend in the suicide rate has been upward, driven principally by increasing suicidal behavior among the state's youth.

The diabetes death rate hit a new high for the ninth consecutive year.

**Six in ten suicides
are committed with
firearms.**

For the second year in a row suicide was the sixth leading cause of death among males; they were 4.7 times more likely to kill themselves than were females (27.9 versus 6.0 per 100,000). Male suicide rates have consistently been high in older age groups, with the rate two to four times higher for men 80 or older than for their younger counterparts. [Table 6-7]. Among females, age-specific rates typically increase slightly among 45-to 64-year-olds, and then decline. During 1995, however, the rates were highest for 25- to 44-year-olds. The youngest Oregonian to commit suicide was a 12 year-old boy and the oldest, a 92-year-old man. Suicide was the fourth leading cause of years of potential life lost before age 65, following unintentional injuries, cancer, and heart disease. [Table 6-25]. It was the second leading cause of death for Oregonians ages 15-34. [Table 6-4].

Firearms were the most frequently chosen method (61%) of completed suicide, followed by poisoning (16%) and hanging (13%). The method varied within different age and sex cohorts, however. [Table 6-17].

As in years past, the 1994 age-adjusted rate for Oregon was substantially higher (36 percent) than for the U.S. An Oregonian took his or her own life every 16.7 hours in 1995. For additional information on suicide, see *Suicide and Suicidal thoughts by Oregonians*, a recently published report by the Center for Health Statistics.

ALZHEIMER'S DISEASE

Alzheimer's disease (including Alzheimer's dementia) has been reported with increasing frequency during the past decade and is now the eighth leading cause of death. In 1995 the death rate was 22.0 per 100,000 population, 13 percent higher than the 1994 rate. Women were about twice as likely as men to die from Alzheimer's disease; the rates were 28.5 and 15.2, respectively. [Table 6-2]. Ninety percent of the victims were 75 or older at death. [Table 6-6]. Besides the 688 deaths due to this cause, Alzheimer's disease contributed to 446 deaths. [Table 6-35].

Of the 20 leading causes of death, the greatest disparity in age-adjusted death rates between Oregon and the U.S. was recorded for Alzheimer's disease; Oregon's 1994 rate was 58 percent higher and ranked fourth highest among the states and District of Columbia. [Table 6-42]. An Oregonian died from Alzheimer's disease every 12.7 hours in 1995.

ALCOHOLISM

In 1995 the Oregon alcoholism⁵ death rate was 11.4 per 100,000 population. Since 1985, the death rate has fluctuated between a low of 10.4 in 1991 and a high of 12.2 in 1986. [Table 6-3].

During 1995, alcoholism was the eleventh leading cause of death overall, but ranked fourth among Oregonians 45-54. [Table 6-4]. However, if intentional and unintentional injury deaths (e.g., motor vehicle crashes) that involved alcohol were included in this count,

**The Alzheimer's
disease death
rate increased
13 percent during
1995.**

the category would rank substantially higher. (The role, if any, of alcohol in injury deaths is rarely reported on death certificates.)

A total of 358 deaths were directly due to alcoholism and related disorders, with alcoholic liver disease accounting for the majority (65%). In addition, alcohol-related diseases were reported as contributing to another 282 deaths. [Table 6-35]. Alcoholism often led to early death; one-half of all those who died from it died by age 56, the youngest median age ever recorded for this cause. More years of potential life were lost from alcoholism during 1995 than ever before.⁶

During 1994, Oregon's age-adjusted death rate was 15 percent higher than the nation's.⁷ A non-injury alcohol-caused death occurred every 24.5 hours in Oregon during 1995.

One half of all alcoholism deaths occurred by age 56.

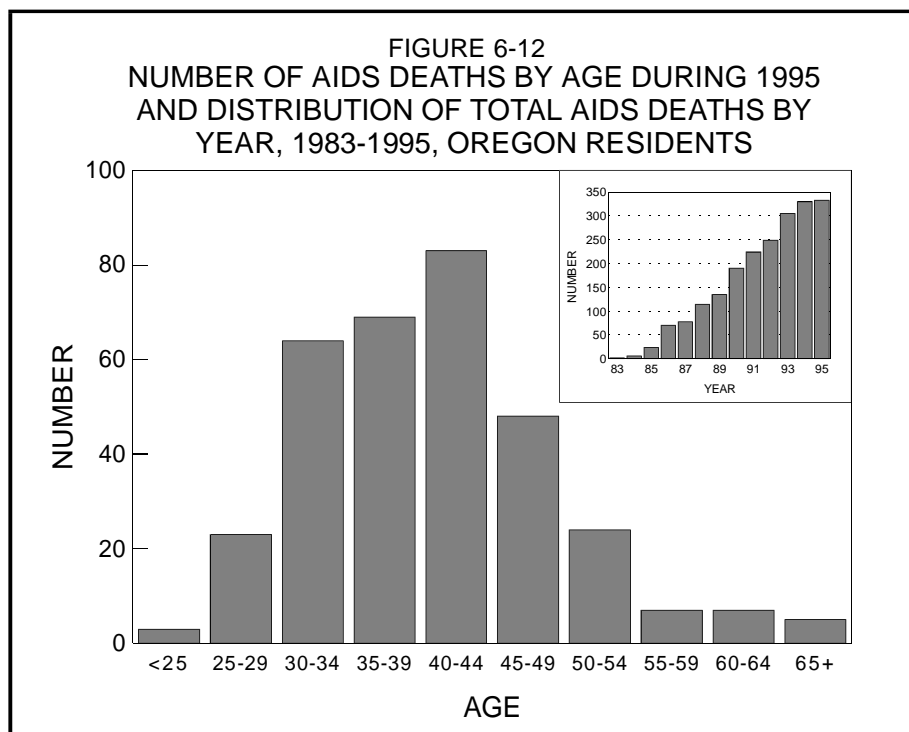
ACQUIRED IMMUNE DEFICIENCY SYNDROME

During 1995, the AIDs death rate declined for the first time since the epidemic began, falling from 10.7 per 100,000 population to 10.6. Even so, 14 times as many Oregonians were claimed by this disease in 1995 than were a decade earlier. [Table 6-3].

Nearly all (304 or 91%) of the decedents during 1995 were males, but 29 were females (up from 17 the previous year). [Table 6-6]. Most deaths (65%) occurred among Oregonians 30 to 44 years old, but the ages ranged from 22-70 years. AIDS was the second leading cause of death among Oregon men 25-44 years old. AIDS patients survived longer during 1995 than any time before with the median age at death reaching 40 years, up from 34 in 1985. [Table 6-13].

AIDS claims predominantly young to middle-aged adults and was the fifth leading cause of years of potential life lost. [Figure 6-14]. More years were lost (before age 65) due to AIDS than from

For the first time, the AIDS death rate declined, albeit marginally.



cerebrovascular disease, diabetes, arteriosclerosis, hypertension, COPD, pneumonia, and influenza combined. [Table 6-25]. Between 1985 and 1995, the number of years of potential life lost annually increased 30-fold. In addition to the 333 deaths directly due to AIDS, the human immunodeficiency virus was reported to have contributed to another 25 deaths, at least three of which were suicides. [Table 6-35].

The age-adjusted death rates in Table 6-42 illustrate that in 1994 Oregonians were 39 percent less likely to die from AIDS than were Americans as a whole. An Oregonian died from AIDS every 1.1 days in 1995.

ARTERIOSCLEROSIS

The arteriosclerosis death rate continued its long-term downward trend in 1995, falling to a record low. The rate (9.5 per 100,000 population) was 41 percent lower than it was ten years earlier. In 1985, arteriosclerosis was the seventh leading killer of Oregonians; a decade later, it had fallen to the thirteenth leading cause of death. [Table 6-23]. Nonetheless, in 1994, Oregon's age-adjusted death rate was 30 percent higher than the U.S. rate.

Women typically bear the greater risk but in 1995 their death rate was 9.6, little different from the 9.5 recorded for men. [Table 6-2]. An Oregonian died from arteriosclerosis every 29.4 hours in 1995. Note, however, that these figures do not include all deaths involving arteriosclerosis, since many have been classified under more specific manifestations of cardiac and cerebral disease. Arteriosclerosis was listed as the underlying cause of death for 298 Oregonians but contributed to the deaths of another 1,019 residents.

PARKINSON'S DISEASE

The apparently inexorable long-term upward trend of the Parkinson's disease death rate continued in 1995, reaching 7.4 per 100,000 population, a 17 percent increase over 1994's rate of 6.3. [Table 6-3]. As is usually the case, Oregon men were more likely than women to die from this disease; the rates were 8.4 and 6.4, respectively. [Table 6-2]. A small number of middle-aged residents died from Parkinson's disease, but more than four-fifths of the deaths occurred to residents 75 or older. [Table 6-6].

Oregon's 1994 age-adjusted death rate for this cause ranked third highest among the states and District of Columbia and was 53 percent higher than the national rate. The 232 deaths in 1995 represent the loss of an Oregonian every 1.6 days.

HOMICIDE

Oregonians were less frequently homicide victims during 1995 than during 1994; the death rate fell 17 percent, from 6.0 per 100,000 population to 5.0. The highest rate ever recorded occurred in 1986 (6.8). [Table 6-3]. Four of the 158 homicide deaths resulted from legal intervention. [Table 6-17].

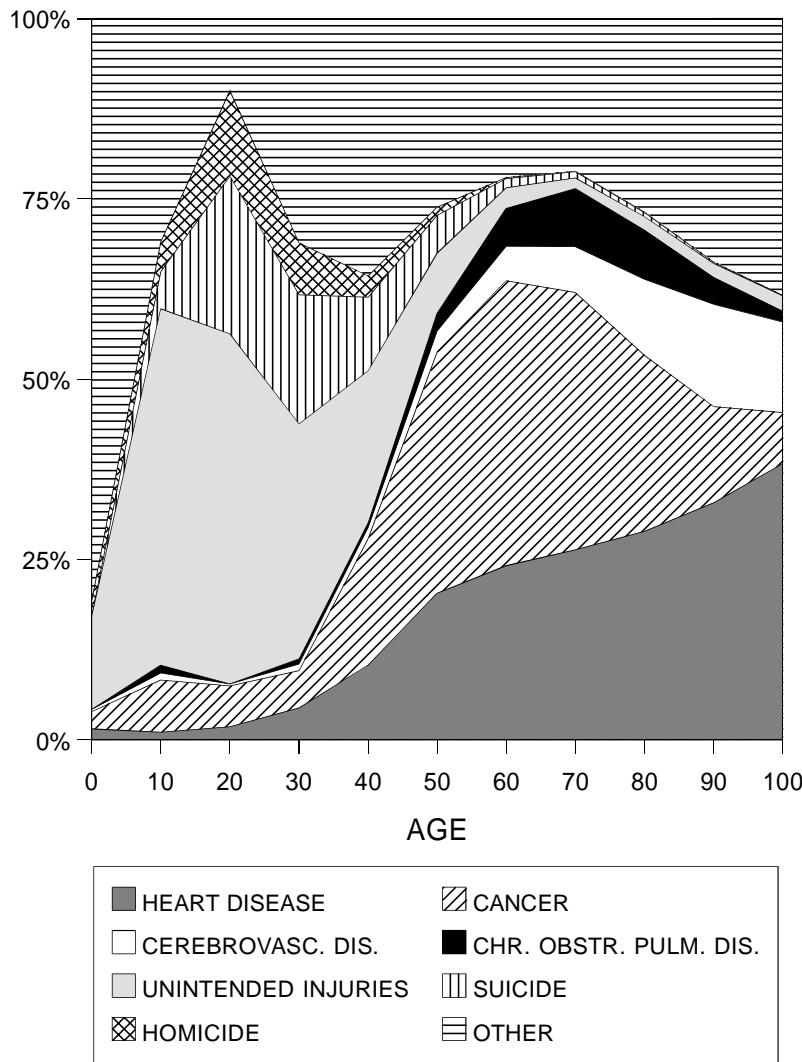
The Arteriosclerosis death rate fell to a record low.

Males were more apt to be murdered than females; their death rate was over two times higher, 7.0 compared to 3.1. [Table 6-2]. Even the youngest Oregonians were at risk: eight children under 10 years of age were murdered during 1995 and half of these were infants. The median age at death was 32 years. [Figure 6-11; Table 6-13]. Firearms were used in six of every 10 homicides; most were handguns. [Table 6-17].

Oregonians have long been at less risk of being murdered than the average U.S. resident. In 1994, Oregon's age-adjusted homicide rate was 42 percent lower than the nation's. An Oregonian was murdered every 2.3 days in 1995.

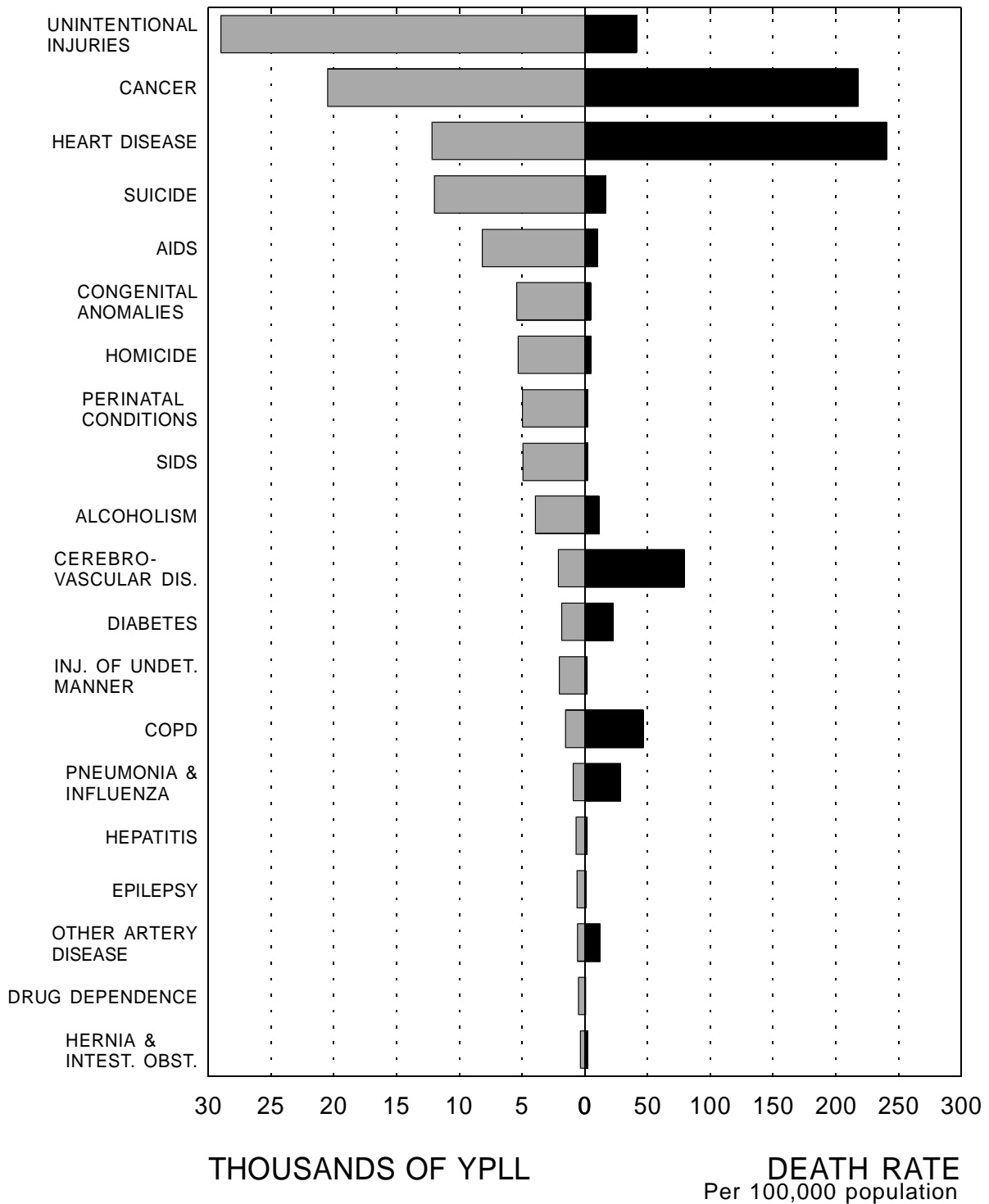
An Oregonian was far less likely to be murdered than was the average American.

FIGURE 6-13.
PERCENTAGE OF DEATHS BY CAUSE AND AGE,
OREGON RESIDENTS, 1995



The oldest Oregonians to die in 1995 were two 109-year-olds, a man and a woman.

FIGURE 6-14.
 LEADING CAUSES OF YEARS OF POTENTIAL LIFE LOST
 BEFORE AGE 65 AND CORRESPONDING DEATH RATES,
 OREGON RESIDENTS, 1995



YEARS OF POTENTIAL LIFE LOST

Mortality rates alone do not show the full impact upon society of certain causes of death. The deaths of young people are a greater “cost” to society than deaths of older people in terms of years of potential life lost (YPLL).

The YPLL yardstick quantifies premature mortality occurring in younger age groups by measuring the number of years between age at death and a set standard. With the standard set at 65 years, for example, a death at age 21 results in 44 years lost. The numbers of YPLL among all decedents are then totaled. Figure 6-14 shows the disparity between death rates and the years of potential life lost. (In all references to YPLL in this report, that standard is 65 years unless otherwise noted.)

- 1 Comparisons between Oregon and the U.S. are based on 1994 age-adjusted rates (the most recent available); see Table 6-42 and the Technical Notes for comments on age-adjusted rates. Oregon's population is older vis-a-vis the U.S. population. Rates are adjusted to the U.S. standard million. All other rates are crude rates (i.e., the number of deaths divided by the population, times 100,000.).
- 2 These and subsequent heart disease rates do not include alcoholic cardiomyopathy deaths, which are included in the alcoholism category. The totals for heart disease, including alcoholic cardiomyopathy, are given in Tables 6-6, 6-7, 6-10, and 6-32 through 6-33.
- 3 *Unintentional injuries* is preferred to the term *accidents* (ICD E800-E949) among health professionals.
- 4 Note that this figure, unlike those presented in Annual Reports prior to 1993, is based on the number of fatal injuries occurring at work [Table 6-14] rather than the National Safety Council classification system [Tables 6-15 and 6-30].
- 5 This complex of diseases includes alcoholic psychosis, alcoholic dependence syndrome, alcoholic gastritis, alcoholic cardiomyopathy, alcoholic polyneuropathy, and alcoholic liver disease.
- 6 Since at least 1979, when the ninth revision of the International Classification of Disease was first used.
- 7 This disparity may be partially explained by the death certificate query program administered by the Oregon Center for Health Statistics: When a cause suggestive of alcoholism is listed on the death certificate, the certifying physician is queried about the role of alcohol in the decedent's death. About ten percent of all death certificates are queried for additional information; the role of alcohol in a death is just one of the reasons prompting a query.

TABLE 6-1.
AGE-SPECIFIC DEATH RATES BY SEX, OREGON RESIDENTS,
1940, 1950, 1960, 1970, 1980, 1985-1995

YEAR AND SEX	TOTAL	AGE GROUPS					
		0-4	5-14	15-24	25-44	45-64	65+
1940 DEATHS	1,131.4	953.9	116.6	199.1	317.7	1,322.7	7,154.3
MALE	1,336.2	1,122.6	140.5	267.4	374.5	1,650.8	7,831.0
FEMALE	912.7	788.1	91.9	130.4	258.2	944.7	6,395.2
1950 DEATHS	912.9	588.1	61.7	148.2	242.0	1,105.7	5,836.7
MALE	1,097.2	459.9	74.1	226.0	317.4	1,411.4	6,619.2
FEMALE	722.6	515.6	48.7	73.0	166.0	711.9	5,025.0
1960 DEATHS	949.1	566.3	42.5	107.0	210.5	1,053.1	5,796.9
MALE	1,141.2	640.3	53.3	158.4	273.3	1,420.3	6,854.2
FEMALE	758.9	489.7	31.2	58.3	149.9	679.0	4,838.8
1970 DEATHS	933.8	411.4	42.9	134.4	184.4	1,015.1	5,617.3
MALE	1,107.6	437.8	56.5	198.9	241.7	1,375.4	6,893.0
FEMALE	767.2	383.9	28.7	74.4	128.7	670.2	4,607.6
1980 DEATHS	826.4	310.7	31.9	115.8	140.8	870.8	4,977.2
MALE	931.8	333.9	36.9	167.8	193.4	1,157.4	6,013.3
FEMALE	724.1	286.1	26.7	63.6	87.5	602.9	4,209.3
1985 DEATHS	890.4	233.2	21.0	97.7	141.5	830.0	5,074.7
MALE	976.5	260.5	27.7	150.6	193.1	1,067.4	6,053.4
FEMALE	807.2	204.8	14.0	42.9	90.0	605.9	4,362.1
1986 DEATHS	877.2	237.8	22.3	100.9	145.4	818.0	4,854.3
MALE	956.1	271.7	25.9	146.9	201.2	1,052.7	5,747.0
FEMALE	800.5	201.9	18.5	53.0	89.8	595.5	4,207.6
1987 DEATHS	898.9	247.9	25.9	102.8	140.8	801.7	4,963.0
MALE	961.2	307.1	34.1	155.9	197.8	1,004.4	5,742.7
FEMALE	839.0	186.3	17.3	47.2	84.1	608.8	4,400.4
1988 DEATHS	895.9	220.7	26.0	103.2	145.3	777.5	4,942.2
MALE	943.6	242.3	32.6	149.7	198.5	963.3	5,685.9
FEMALE	850.1	198.2	19.0	54.7	92.2	600.6	4,410.5
1989 DEATHS	884.2	221.2	24.6	88.8	150.2	710.9	4,916.9
MALE	940.1	256.6	31.3	131.8	204.6	913.6	5,720.7
FEMALE	830.5	184.0	17.5	43.7	95.5	516.6	4,348.3
1990 DEATHS	880.7	212.6	21.4	94.5	142.2	730.3	4,784.6
MALE	935.6	234.0	21.6	138.1	203.6	934.1	5,617.0
FEMALE	827.8	190.1	21.3	49.1	80.9	553.8	4,202.8
1991 DEATHS	851.0	176.3	21.0	95.6	136.4	677.3	4,710.8
MALE	901.7	204.0	23.6	142.0	195.5	843.0	5,450.2
FEMALE	802.1	147.4	18.2	47.2	77.2	517.6	4,215.1
1992 DEATHS	863.2	166.6	23.8	82.3	143.3	658.2	4,862.4
MALE	895.6	198.1	26.7	118.3	202.6	792.5	5,486.6
FEMALE	831.7	133.2	20.9	44.6	84.0	528.1	4,407.2
1993 DEATHS	908.4	163.2	24.1	82.9	166.4	660.7	5,104.8
MALE	952.6	184.1	29.6	126.0	235.7	811.1	5,789.9
FEMALE	865.5	141.2	18.4	37.7	97.0	514.9	4,602.7
1994 DEATHS	887.8	154.4	22.2	79.3	176.4	654.1	4,916.9
MALE	915.1	180.4	27.9	113.0	253.9	784.4	5,453.1
FEMALE	861.3	126.9	16.3	44.0	99.2	527.1	4,525.0
1995 DEATHS	900.1	143.4	21.6	92.2	175.3	638.4	5,018.8
MALE	925.0	147.1	23.1	127.6	249.9	777.3	5,549.9
FEMALE	875.8	139.4	20.2	55.0	100.6	503.0	4,629.1

All rates per 100,000 population within specific age groups.

**TABLE 6-2.
LEADING CAUSES OF DEATH BY RANK ORDER FOR
RESIDENT MALES AND FEMALES, OREGON, 1995**

MALES				
RANK	CAUSE OF DEATH	NUMBER	RATE	PERCENT
TOTAL		14,274	925.0	100.0
1.	HEART DISEASE	3,955	256.3	27.7
2.	CANCER	3,513	227.7	24.6
3.	CEREBROVASCULAR DISEASE	916	59.4	6.4
4.	UNINTENTIONAL INJURIES	828	53.7	5.8
5.	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	744	48.2	5.2
6.	SUICIDE	431	27.9	3.0
7.	PNEUMONIA AND INFLUENZA	422	27.3	3.0
8.	DIABETES MELLITUS	327	21.2	2.3
9.	AIDS	304	19.7	2.1
10.	ALCOHOLIC DISEASES	260	16.8	1.8
11.	ALZHEIMER'S DISEASE & DEMENTIA	235	15.2	1.6
12.	OTHER DISEASES OF THE ARTERIES	207	13.4	1.5
13.	ARTERIOSCLEROSIS	146	9.5	1.0
14.	PARKINSON'S DISEASE	130	8.4	0.9
15.	HOMICIDE AND LEGAL INTERVENTION	108	7.0	0.8
16.	CONGENITAL ANOMALIES	82	5.3	0.6
17.	HYPERTENSION WITH OR WITHOUT RENAL DISEASE	75	4.9	0.5
18.	NEPHRITIS AND NEPHROSIS	68	4.4	0.5
19.	UNDETERMINED EXTERNAL CAUSES	45	2.9	0.3
20.	SEPTICEMIA	43	2.8	0.3
FEMALES				
RANK	CAUSE OF DEATH	NUMBER	RATE	PERCENT
TOTAL		13,916	875.8	100.0
1.	HEART DISEASE	3,574	224.9	25.7
2.	CANCER	3,311	208.4	23.8
3.	CEREBROVASCULAR DISEASE	1,567	98.6	11.3
4.	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	716	45.1	5.1
5.	PNEUMONIA AND INFLUENZA	477	30.0	3.4
6.	UNINTENTIONAL INJURES	465	29.3	3.3
7.	ALZHEIMER'S DISEASE & DEMENTIA	453	28.5	3.3
8.	DIABETES MELLITUS	378	23.8	2.7
9.	OTHER DISEASES OF THE ARTERIES	175	11.0	1.3
10.	ARTERIOSCLEROSIS	152	9.6	1.1
11.	HYPERTENSION WITH OR WITHOUT RENAL DISEASE	118	7.4	0.8
12.	PARKINSON'S DISEASE	102	6.4	0.7
13.	ALCOHOLIC DISEASES	98	6.2	0.7
14.	SUICIDE	95	6.0	0.7
15.	NEPHRITIS AND NEPHROSIS	69	4.3	0.5
16.	CONGENITAL ANOMALIES	64	4.0	0.5
17.	HOMICIDE AND LEGAL INTERVENTION	50	3.1	0.4
17.	HERNIA AND INTESTINAL OBSTRUCTION	50	3.1	0.4
19.	SEPTICEMIA	47	3.0	0.3
20.	SIDS	37	2.3	0.3

TABLE 6-3.
SELECTED LEADING CAUSES OF DEATH WITH RATES,
OREGON RESIDENTS, 1979-1995

YEAR	TOTAL	MAJOR CARDIOVASCULAR DISEASE			MALIGNANT NEOPLASMS	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	PNEUMONIA AND INFLUENZA	DIABETES MELLITUS
		DISEASES OF THE HEART	CEREBROVASCULAR DISEASES	ARTERIOSCLEROSIS				
NUMBER OF DEATHS								
1979	21,024	7,329	2,041	444	4,608	728	608	285
1980	21,756	7,659	2,021	486	4,625	829	704	297
1981	21,798	7,639	1,986	509	4,839	856	609	303
1982	21,594	7,601	1,901	482	4,859	912	609	297
1983	22,361	7,910	2,021	470	4,943	971	634	329
1984	23,101	8,010	1,919	431	5,387	957	725	343
1985	23,824	8,192	2,000	432	5,410	1,097	838	317
1986	23,328	7,788	1,926	417	5,272	1,090	742	328
1987	24,181	7,936	1,958	440	5,594	1,233	743	395
1988	24,557	7,662	2,010	378	5,801	1,203	900	439
1989	24,679	7,482	2,006	355	5,819	1,272	924	450
1990	25,073	7,482	1,912	332	6,056	1,304	966	483
1991	24,935	7,139	2,004	307	6,268	1,353	791	540
1992	25,714	7,255	2,138	314	6,362	1,273	841	575
1993	27,596	7,652	2,202	341	6,622	1,595	1,014	642
1994	27,361	7,417	2,394	300	6,599	1,469	885	662
1995	28,190	7,529	2,483	298	6,824	1,460	899	705
RATES								
1979	826.4	288.1	80.2	17.5	181.1	28.6	23.9	11.2
1980	826.2	290.9	76.8	18.5	175.7	31.5	26.7	11.3
1981	819.3	287.1	74.6	19.1	181.9	32.2	22.9	11.4
1982	813.0	286.2	71.6	18.1	182.9	34.3	22.9	11.2
1983	848.6	300.2	76.7	17.8	187.6	36.9	24.1	12.5
1984	868.5	301.1	72.1	16.2	202.5	36.0	27.3	12.9
1985	890.4	306.2	74.7	16.1	202.2	41.0	31.3	11.8
1986	877.2	292.8	72.4	15.7	198.2	41.0	27.9	12.3
1987	898.9	295.0	72.8	16.4	208.0	45.8	27.6	14.7
1988	895.9	279.5	73.3	13.8	211.6	43.9	32.8	16.0
1989	884.2	268.1	71.9	12.7	208.5	45.6	33.1	16.1
1990	880.7	262.8	67.2	11.7	212.7	45.8	33.9	17.0
1991	851.0	243.7	68.4	10.5	213.9	46.2	27.0	18.4
1992	863.2	243.8	71.8	10.5	213.6	42.7	28.2	19.3
1993	908.4	251.9	72.5	11.2	218.0	52.5	33.4	21.1
1994	887.8	240.7	77.7	9.7	214.1	47.7	28.7	21.5
1995	900.1	240.4	79.3	9.5	217.9	46.6	28.7	22.5

Rates per 100,000 population.

**TABLE 6-3.
SELECTED LEADING CAUSES OF DEATH WITH RATES,
OREGON RESIDENTS, 1979-1995 (CONTINUED)**

YEAR	ALCOHOLISM ¹	ALZHEIMER'S DISEASE	PARKINSON'S DISEASE	ACQUIRED IMMUNE DEFICIENCY SYNDROME	EXTERNAL CAUSES			
					UNINTENTIONAL INJURIES	SUICIDE	HOMICIDE ²	FIREARMS (ANY MANNER)
NUMBER OF DEATHS								
1979	368	15	55	-	1367	351	113	320
1980	358	28	78	-	1319	388	145	354
1981	385	30	81	-	1285	398	118	337
1982	308	61	67	-	1064	396	146	338
1983	337	114	75	2	1156	417	112	352
1984	343	154	99	6	1185	423	135	360
1985	308	200	104	24	1207	417	123	325
1986	325	245	102	70	1184	450	181	383
1987	311	309	111	78	1185	400	164	348
1988	330	344	131	114	1190	461	152	375
1989	334	355	130	135	1151	459	146	391
1990	334	386	147	190	1115	456	112	382
1991	306	462	144	224	1013	460	132	363
1992	320	488	139	249	1032	492	168	420
1993	363	550	169	305	1185	472	148	392
1994	352	599	193	330	1187	525	186	447
1995	358	688	232	333	1293	526	158	439
RATES								
1979	14.5	0.6	2.2	0.0	53.7	13.8	4.4	12.6
1980	13.6	1.1	3.0	0.0	50.1	14.7	5.5	13.9
1981	14.5	1.1	3.0	0.0	48.3	15.0	4.4	13.2
1982	11.6	2.3	2.5	0.0	40.1	14.9	5.5	13.3
1983	12.8	4.3	2.8	0.1	43.9	15.8	4.3	13.8
1984	12.9	5.8	3.7	0.2	44.5	15.9	5.1	14.2
1985	11.5	7.5	3.9	0.9	45.1	15.6	4.6	12.8
1986	12.2	9.2	3.8	2.6	44.5	16.9	6.8	15.1
1987	11.6	11.5	4.1	2.9	44.1	14.9	6.1	13.7
1988	12.0	12.6	4.8	4.2	43.4	16.8	5.5	14.7
1989	12.0	12.7	4.7	4.8	41.2	16.4	5.2	15.4
1990	11.7	13.6	5.2	6.7	39.2	16.0	3.9	15.0
1991	10.4	15.8	4.9	7.6	34.6	15.7	4.5	14.3
1992	10.7	16.4	4.7	8.4	34.6	16.5	5.6	16.5
1993	11.9	18.1	5.6	10.0	39.0	15.5	4.9	15.4
1994	11.4	19.4	6.3	10.7	38.5	17.0	6.0	17.6
1995	11.4	22.0	7.4	10.6	41.3	16.8	5.0	17.3

- Quantity is zero. All rates per 100,000 population.

1 Includes alcoholic liver disease, alcoholic gastritis, alcoholic polyneuropathy, alcoholic cardiomyopathy, and alcoholic psychosis.

2 Includes legal intervention.

TABLE 6-4.
THE FIVE PRINCIPAL CAUSES OF DEATH BY AGE,
OREGON RESIDENTS, 1995

CAUSE OF DEATH	BOTH SEXES		RATE ¹	
	NUMBER	PERCENT	MALE	FEMALE
ALL AGES				
ALL CAUSES	28,190	100.0	925.0	875.8
1 HEART DISEASE	7,529	26.7	256.3	224.9
2 MALIGNANT NEOPLASMS	6,824	24.2	227.7	208.4
3 CEREBROVASCULAR DISEASE	2,483	8.8	59.4	98.6
4 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1,460	5.2	48.2	45.1
5 UNINTENTIONAL INJURIES	1,293	4.6	53.7	29.3
UNDER 1 YEAR²				
ALL CAUSES	262	100.0	627.2	598.9
1 SUDDEN INFANT DEATH SYNDROME	76	29.0	178.5	177.3
2 CONGENITAL ANOMALIES	54	20.6	123.6	129.4
3 OTHER PERINATAL CONDITIONS	19	7.3	54.9	33.5
4 IMMATURITY	17	6.5	50.4	28.7
5 OTHER RESPIRATORY CONDITIONS	12	4.6	27.5	28.7
1 - 4 YEARS				
ALL CAUSES	70	100.0	39.1	34.9
1 UNINTENTIONAL INJURIES	32	45.7	15.5	18.5
2 CONGENITAL ANOMALIES	8	11.4	6.2	2.2
3 MALIGNANT NEOPLASMS	7	10.0	3.1	4.4
4 HOMICIDE AND LEGAL INTERVENTION	3	4.3	1.0	2.2
4 EXTERNAL CAUSES OF UNDETERMINED MANNER	3	4.3	2.1	1.1
5 - 14 YEARS				
ALL CAUSES	97	100.0	23.1	20.2
1 UNINTENTIONAL INJURIES	48	49.5	12.6	8.7
2 CONGENITAL ANOMALIES	11	11.3	3.0	1.8
3 MALIGNANT NEOPLASMS	7	7.2	0.9	2.3
4 SUICIDE	5	5.2	1.3	0.9
5 HOMICIDE AND LEGAL INTERVENTION	4	4.1	0.9	0.9
10 - 19 YEARS				
ALL CAUSES	265	100.0	80.4	40.0
1 UNINTENTIONAL INJURIES	137	51.7	40.6	21.7
2 SUICIDE	43	16.2	15.6	3.8
3 HOMICIDE AND LEGAL INTERVENTION	27	10.2	7.6	4.7
4 MALIGNANT NEOPLASMS	17	6.4	4.0	3.8
5 CONGENITAL ANOMALIES	12	4.5	4.5	0.9
15 - 24 YEARS				
ALL CAUSES	389	100.0	127.6	55.0
1 UNINTENTIONAL INJURIES	189	48.6	57.8	31.1
2 SUICIDE	85	21.9	33.7	5.8
3 HOMICIDE AND LEGAL INTERVENTION	46	11.8	16.2	5.4
4 MALIGNANT NEOPLASMS	22	5.7	6.0	4.4
5 HEART DISEASE	7	1.8	2.3	1.0

¹ Rates per 100,000 population except where noted.

² Rates per 100,000 live births.

TABLE 6-4.
THE FIVE PRINCIPAL CAUSES OF DEATH BY AGE,
OREGON RESIDENTS, 1995 (CONTINUED)

CAUSE OF DEATH	BOTH SEXES		RATE ¹	
	NUMBER	PERCENT	MALE	FEMALE
25 - 34 YEARS				
ALL CAUSES	543	100.0	185.3	65.1
1 UNINTENTIONAL INJURIES	177	32.6	66.1	15.4
2 SUICIDE	97	17.9	35.8	8.9
3 ACQUIRED IMMUNE DEFICIENCY SYNDROME	87	16.0	33.5	6.6
4 HOMICIDE AND LEGAL INTERVENTION	39	7.2	12.8	5.1
5 MALIGNANT NEOPLASMS	28	5.2	6.9	6.1
35 - 44 YEARS				
ALL CAUSES	1,129	100.0	304.3	129.4
1 UNINTENTIONAL INJURIES	238	21.1	69.5	22.0
2 MALIGNANT NEOPLASMS	198	17.5	31.7	44.0
3 ACQUIRED IMMUNE DEFICIENCY SYNDROME	152	13.5	55.6	3.0
4 HEART DISEASE	117	10.4	34.0	11.0
5 SUICIDE	115	10.2	35.5	8.7
45 - 54 YEARS				
ALL CAUSES	1,602	100.0	496.8	298.4
1 MALIGNANT NEOPLASMS	536	20.3	126.7	34.7
2 HEART DISEASE	325	33.5	124.2	141.8
3 UNINTENTIONAL INJURIES	134	8.4	46.2	20.3
4 ALCOHOLISM AND ALLIED CONDITIONS	86	5.4	28.8	13.9
5 SUICIDE	84	5.2	33.8	7.9
55 - 64 YEARS				
ALL CAUSES	2,525	100.0	1,256.4	831.8
1 MALIGNANT NEOPLASMS	998	39.5	434.4	387.2
2 HEART DISEASE	609	24.1	369.9	137.8
3 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	131	5.2	50.1	57.4
4 CEREBROVASCULAR DISEASE	122	4.8	60.2	40.6
5 DIABETES MELLITUS	85	3.4	37.3	32.7
65 - 74 YEARS				
ALL CAUSES	5,642	100.0	2,961.5	1,929.9
1 MALIGNANT NEOPLASMS	2,017	35.7	1,013.7	727.4
2 HEART DISEASE	1,484	26.3	895.8	410.4
3 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	451	8.0	198.4	186.1
4 CEREBROVASCULAR DISEASE	359	6.4	163.8	143.3
5 DIABETES MELLITUS	182	3.2	85.2	70.9
75 YEARS AND OLDER				
ALL CAUSES	15,931	100.0	9,232.6	7,529.1
1 HEART DISEASE	4,957	31.1	2,925.7	2,309.4
2 MALIGNANT NEOPLASMS	3,010	18.9	2,066.8	1,220.0
3 CEREBROVASCULAR DISEASE	1,929	12.1	849.6	1,080.3
4 CHRONIC OBSTRUCTIVE PULMONARY DISEASE	827	5.2	600.6	314.6
5 PNEUMONIA AND INFLUENZA	733	4.6	431.5	342.2

¹ Rates per 100,000 population except where noted.

TABLE 6-5.
DEATHS BY MARITAL STATUS, SEX, AND AGE, OREGON RESIDENTS, 1995

MARITAL STATUS AND SEX	TOTAL	AGE AT DEATH							
		< 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49
TOTAL	28,190	429	204	185	215	328	492	637	726
MALE	14,274	228	142	134	164	240	352	436	484
FEMALE	13,916	201	62	51	51	88	140	201	242
SINGLE	2,519	429	201	153	132	149	198	154	122
MALE	1,683	228	141	116	112	128	173	130	99
FEMALE	836	201	60	37	20	21	25	24	23
MARRIED	12,060	-	3	27	50	112	163	257	342
MALE	8,302	-	1	16	31	72	91	148	216
FEMALE	3,758	-	2	11	19	40	72	109	126
WIDOWED	10,140	-	-	1	2	6	6	8	15
MALE	2,448	-	-	-	2	2	3	4	3
FEMALE	7,692	-	-	1	-	4	3	4	12
DIVORCED	3,368	-	-	4	28	60	115	213	234
MALE	1,754	-	-	2	16	37	76	150	153
FEMALE	1,614	-	-	2	12	23	39	63	81
UNKNOWN	103	-	-	-	3	1	10	5	13
MALE	87	-	-	-	3	1	9	4	13
FEMALE	16	-	-	-	-	-	1	1	-

MARITAL STATUS AND SEX	AGE AT DEATH								
	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+
TOTAL	876	1,017	1,508	2,285	3,357	4,113	4,466	3,796	3,556
MALE	516	602	879	1,311	1,853	2,174	2,182	1,549	1,028
FEMALE	360	415	629	974	1,504	1,939	2,284	2,247	2,528
SINGLE	88	71	73	93	121	124	159	116	136
MALE	68	59	54	67	77	73	89	36	33
FEMALE	20	12	19	26	44	51	70	80	103
MARRIED	487	608	933	1,414	1,921	2,109	1,918	1,172	544
MALE	279	380	583	951	1,305	1,505	1,404	874	446
FEMALE	208	228	350	463	616	604	514	298	98
WIDOWED	32	76	181	399	881	1,489	2,057	2,284	2,703
MALE	9	14	53	102	230	415	548	560	503
FEMALE	23	62	128	297	651	1,074	1,509	1,724	2,200
DIVORCED	263	256	310	366	423	385	323	220	168
MALE	155	144	179	182	231	176	132	76	45
FEMALE	108	112	131	184	192	209	191	144	123
UNKNOWN	6	6	11	13	11	6	9	4	5
MALE	5	5	10	9	10	5	9	3	1
FEMALE	1	1	1	4	1	1	-	1	4

- Quantity is zero.

**TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995**

9TH REV. ICD	CAUSE OF DEATH	AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
ALL CAUSES		28,190	262	70	97	389	543	1,129	1,602	2,525	5,642	4,113	11,818
	MALE	14,274	137	38	53	276	404	788	1,000	1,481	3,164	2,174	4,759
	FEMALE	13,916	125	32	44	113	139	341	602	1,044	2,478	1,939	7,059
	I. INFECTIVE AND PARASITIC DISEASE												
		590	4	6	1	8	93	169	93	49	59	31	77
	MALE	435	2	4	-	3	77	155	85	30	38	15	26
	FEMALE	155	2	2	1	5	16	14	8	19	21	16	51
010-018, 137	TUBERCULOSIS, ALL FORMS	26	-	-	-	-	-	-	1	1	6	6	12
	MALE	12	-	-	-	-	-	-	-	1	3	2	6
	FEMALE	14	-	-	-	-	-	-	1	-	3	4	6
038	SEPTICEMIA	90	-	-	-	-	2	2	2	13	19	15	37
	MALE	43	-	-	-	-	2	1	2	8	11	8	11
	FEMALE	47	-	-	-	-	-	1	-	5	8	7	26
042-044	AIDS	333	-	-	-	3	87	152	72	14	5	-	-
	MALE	304	-	-	-	2	73	144	68	12	5	-	-
	FEMALE	29	-	-	-	1	14	8	4	2	-	-	-
070	VIRAL HEPATITIS	64	-	-	-	-	2	13	14	13	11	5	6
	MALE	40	-	-	-	-	2	9	13	5	6	2	3
	FEMALE	24	-	-	-	-	-	4	1	8	5	3	3
RESIDUAL OF 001-139	OTHER INFECTIVE & PARASITIC DISEASES	77	4	6	1	5	2	2	4	8	18	5	22
	MALE	36	2	4	-	1	-	1	2	4	13	3	6
	FEMALE	41	2	2	1	4	2	1	2	4	5	2	16
	II. NEOPLASMS												
		6,910	2	9	8	22	28	199	539	1,003	2,033	1,142	1,925
	MALE	3,556	1	4	3	13	15	83	250	515	1,092	612	968
	FEMALE	3,354	1	5	5	9	13	116	289	488	941	530	957
140-208	MALIGNANT NEOPLASMS	6,824	1	7	7	22	28	198	536	998	2,017	1,127	1,883
	MALE	3,513	1	3	2	13	15	82	250	512	1,083	605	947
	FEMALE	3,311	-	4	5	9	13	116	286	486	934	522	936
140-149	BUCCAL CAVITY & PHARYNX	93	-	-	-	-	-	3	14	14	33	10	19
	MALE	60	-	-	-	-	-	3	11	7	22	7	10
	FEMALE	33	-	-	-	-	-	-	3	7	11	3	9
150-159	DIGESTIVE ORGANS AND PERITONEUM	1,543	-	2	-	1	3	42	91	228	434	252	490
	MALE	832	-	1	-	-	2	17	55	153	256	134	214
	FEMALE	711	-	1	-	1	1	25	36	75	178	118	276

**TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
150	ESOPHAGUS	140	-	-	-	-	2	2	11	24	46	25	30
	MALE	112	-	-	-	-	1	2	10	21	37	18	23
	FEMALE	28	-	-	-	-	1	-	1	3	9	7	7
151	STOMACH	133	-	-	-	-	1	6	9	14	31	24	48
	MALE	80	-	-	-	-	1	3	6	10	19	16	25
	FEMALE	53	-	-	-	-	-	3	3	4	12	8	23
153	LARGE INTESTINE (EXC. RECTUM)	607	-	-	-	1	-	16	27	83	172	103	205
	MALE	306	-	-	-	-	-	4	15	58	94	52	83
	FEMALE	301	-	-	-	1	-	12	12	25	78	51	122
154	RECTUM	103	-	-	-	-	-	2	9	16	31	11	34
	MALE	62	-	-	-	-	-	1	5	10	24	6	16
	FEMALE	41	-	-	-	-	-	1	4	6	7	5	18
157	PANCREAS	363	-	-	-	-	-	9	24	60	100	67	103
	MALE	169	-	-	-	-	-	3	12	37	49	32	36
	FEMALE	194	-	-	-	-	-	6	12	23	51	35	67
160-165	RESPIRATORY/INTRATHORACIC ORGANS	2,021	-	-	-	1	3	26	155	353	720	385	378
	MALE	1,118	-	-	-	1	1	18	80	187	418	206	207
	FEMALE	903	-	-	-	-	2	8	75	166	302	179	171
162.2-.9	BRONCHUS & LUNG	1,957	-	-	-	1	2	25	153	346	694	373	363
	MALE	1,072	-	-	-	1	1	17	79	183	399	198	194
	FEMALE	885	-	-	-	-	1	8	74	163	295	175	169
170-175	BONE, CONNECTIVE TISSUE, SKIN & BREAST	727	1	-	-	6	8	44	108	129	169	83	179
	MALE	118	1	-	-	4	4	6	21	24	17	16	25
	FEMALE	609	-	-	-	2	4	38	87	105	152	67	154
172	MALIGNANT MELANOMA	105	-	-	-	2	4	9	20	20	24	9	17
	MALE	65	-	-	-	2	3	5	15	15	11	7	7
	FEMALE	40	-	-	-	-	1	4	5	5	13	2	10
173	OTHER SKIN	25	-	-	-	-	-	-	2	4	3	3	13
	MALE	18	-	-	-	-	-	-	2	1	3	3	9
	FEMALE	7	-	-	-	-	-	-	-	3	-	-	4
174-175	BREAST	535	-	-	-	-	3	30	76	91	135	61	139
	MALE	7	-	-	-	-	-	-	-	1	1	2	3
	FEMALE	528	-	-	-	-	3	30	76	90	134	59	136

**TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS												
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+	
179-187	GENITAL ORGANS		810	-	-	-	-	-	1	22	44	62	198	152	331
	MALE		489	-	-	-	-	-	-	2	8	20	113	108	238
	FEMALE		321	-	-	-	-	-	1	20	36	42	85	44	93
179-182	CERVIX & UTERUS		127	-	-	-	-	-	1	12	9	21	22	20	42
	MALE		-	-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		127	-	-	-	-	-	1	12	9	21	22	20	42
180	CERVIX UTERI		47	-	-	-	-	-	1	11	6	9	10	5	5
	MALE		-	-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		47	-	-	-	-	-	1	11	6	9	10	5	5
182	UTERUS		42	-	-	-	-	-	-	-	-	8	6	11	17
	MALE		-	-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		42	-	-	-	-	-	-	-	-	8	6	11	17
183	OVARY		173	-	-	-	-	-	-	7	26	18	55	21	46
	MALE		-	-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		173	-	-	-	-	-	-	7	26	18	55	21	46
185	PROSTATE		481	-	-	-	-	-	-	-	6	20	112	107	236
	MALE		481	-	-	-	-	-	-	-	6	20	112	107	236
	FEMALE		-	-	-	-	-	-	-	-	-	-	-	-	-
188-189	URINARY ORGANS		321	-	-	1	-	-	-	5	20	41	83	56	115
	MALE		217	-	-	-	-	-	-	5	15	26	61	35	75
	FEMALE		104	-	-	1	-	-	-	-	5	15	22	21	40
188	BLADDER		158	-	-	-	-	-	-	1	4	7	38	34	74
	MALE		119	-	-	-	-	-	-	1	3	6	33	22	54
	FEMALE		39	-	-	-	-	-	-	-	1	1	5	12	20
190-199	OTHER & UNSPECIFIED SITES		610	-	2	3	3	7	19	63	95	177	78	163	
	MALE		289	-	1	-	1	6	12	38	51	73	35	72	
	FEMALE		321	-	1	3	2	1	7	25	44	104	43	91	
191	BRAIN		219	-	2	2	3	5	13	37	43	66	24	24	
	MALE		123	-	1	-	1	4	10	26	29	23	13	16	
	FEMALE		96	-	1	2	2	1	3	11	14	43	11	8	
200-208	LYMPHATIC & HEMATOPOIETIC TISSUES		699	-	3	3	11	6	37	41	76	203	111	208	
	MALE		390	-	1	2	7	2	19	22	44	123	64	106	
	FEMALE		309	-	2	1	4	4	18	19	32	80	47	102	
202	LYMPHOMA		252	-	-	-	2	3	10	14	26	79	40	78	
	MALE		142	-	-	-	1	2	4	9	17	47	28	34	
	FEMALE		110	-	-	-	1	1	6	5	9	32	12	44	

**TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS												
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+	
203	MULTIPLE MYELOMA		125	-	-	-	-	-	-	4	6	23	39	16	37
	MALE		67	-	-	-	-	-	-	1	3	13	22	9	19
	FEMALE		58	-	-	-	-	-	-	3	3	10	17	7	18
204-208	LEUKEMIA		273	-	3	3	7	2	18	17	21	74	49	79	
	MALE		158	-	1	2	5	-	10	8	12	47	25	48	
	FEMALE		115	-	2	1	2	2	8	9	9	27	24	31	
204	LYMPHATIC LEUKEMIA		71	-	2	1	1	-	6	3	4	16	8	30	
	MALE		46	-	1	-	-	-	4	2	2	11	6	20	
	FEMALE		25	-	1	1	1	-	2	1	2	5	2	10	
205	MYELOID LEUKEMIA		130	-	1	-	5	2	10	10	12	32	30	28	
	MALE		69	-	-	-	4	-	5	4	8	20	11	17	
	FEMALE		61	-	1	-	1	2	5	6	4	12	19	11	
210-229	BENIGN NEOPLASMS		28	-	2	1	-	-	-	1	1	7	5	11	
	MALE		17	-	1	1	-	-	-	-	1	4	4	6	
	FEMALE		11	-	1	-	-	-	-	1	-	3	1	5	
230-239	IN SITU, UNCERTAIN BEHAVIOR & UNSPECIFIED NATURE NEOPLASMS		58	1	-	-	-	-	1	2	4	9	10	31	
	MALE		26	-	-	-	-	-	1	-	2	5	3	15	
	FEMALE		32	1	-	-	-	-	-	2	2	4	7	16	
III.	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES		907	4	-	2	8	13	24	56	106	220	156	318	
	MALE		411	3	-	1	5	8	17	32	55	114	67	109	
	FEMALE		496	1	-	1	3	5	7	24	51	106	89	209	
250	DIABETES MELLITUS		705	-	-	-	3	7	18	38	85	182	128	244	
	MALE		327	-	-	-	1	6	14	22	44	91	60	89	
	FEMALE		378	-	-	-	2	1	4	16	41	91	68	155	
RESIDUAL OF 240-279	OTHER ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES		202	4	-	2	5	6	6	18	21	38	28	74	
	MALE		84	3	-	1	4	2	3	10	11	23	7	20	
	FEMALE		118	1	-	1	1	4	3	8	10	15	21	54	
IV.	DISEASES OF THE BLOOD-FORMING ORGANS		93	1	1	-	-	-	2	5	8	10	12	54	
	MALE		51	-	1	-	-	-	1	3	5	6	12	23	
	FEMALE		42	1	-	-	-	-	1	2	3	4	-	31	

**TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
280-285	ANEMIAS	37	-	1	-	-	-	1	2	6	2	-	25
	MALE	17	-	1	-	-	-	-	1	3	2	-	10
	FEMALE	20	-	-	-	-	-	1	1	3	-	-	15
RESIDUAL OF 280-289	OTHER DISEASES OF THE BLOOD & BLOOD-FORMING ORGANS	56	1	-	-	-	-	1	3	2	8	12	29
	MALE	34	-	-	-	-	-	1	2	2	4	12	13
	FEMALE	22	1	-	-	-	-	-	1	-	4	-	16
	V. MENTAL DISORDERS	900	-	-	-	1	11	43	32	28	85	104	596
	MALE	349	-	-	-	1	7	34	21	19	45	53	169
	FEMALE	551	-	-	-	-	4	9	11	9	40	51	427
290.1	ALZHEIMER'S DEMENTIA	289	-	-	-	-	-	-	-	3	22	39	225
	MALE	109	-	-	-	-	-	-	-	-	11	18	80
	FEMALE	180	-	-	-	-	-	-	-	3	11	21	145
291	ALCOHOLIC PSYCHOSIS	9	-	-	-	-	-	-	-	2	3	2	2
	MALE	8	-	-	-	-	-	-	-	2	2	2	2
	FEMALE	1	-	-	-	-	-	-	-	-	1	-	-
303	ALCOHOLISM	103	-	-	-	-	4	25	25	13	29	5	2
	MALE	74	-	-	-	-	3	18	17	10	20	5	1
	FEMALE	29	-	-	-	-	1	7	8	3	9	-	1
304	DRUG DEPENDENCE	21	-	-	-	-	4	12	4	-	1	-	-
	MALE	17	-	-	-	-	2	11	3	-	1	-	-
	FEMALE	4	-	-	-	-	2	1	1	-	-	-	-
305	NON-DEPENDENT DRUG ABUSE	13	-	-	-	1	-	5	1	2	3	1	-
	MALE	7	-	-	-	1	-	4	-	1	-	1	-
	FEMALE	6	-	-	-	-	-	1	1	1	3	-	-
RESIDUAL OF 290-319	OTHER MENTAL DISORDERS	465	-	-	-	-	3	1	2	8	27	57	367
	MALE	134	-	-	-	-	2	1	1	6	11	27	86
	FEMALE	331	-	-	-	-	1	-	1	2	16	30	281
	VI. DISEASES OF THE NERVOUS SYSTEM & SENSE ORGANS	925	8	3	9	6	11	29	30	43	141	136	509
	MALE	402	4	2	5	3	7	16	18	20	65	63	199
	FEMALE	523	4	1	4	3	4	13	12	23	76	73	310

TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
320-322	MENINGITIS	13	1	1	-	-	1	2	-	2	2	1	3
	MALE	9	1	1	-	-	1	2	-	1	1	-	2
	FEMALE	4	-	-	-	-	-	-	-	1	1	1	1
331.0	ALZHEIMER'S DISEASE	399	-	-	-	-	-	-	1	5	37	53	303
	MALE	126	-	-	-	-	-	-	1	2	14	20	89
	FEMALE	273	-	-	-	-	-	-	-	3	23	33	214
332	PARKINSON'S DISEASE	232	-	-	-	-	-	-	-	4	34	50	144
	MALE	130	-	-	-	-	-	-	-	3	19	29	79
	FEMALE	102	-	-	-	-	-	-	-	1	15	21	65
345	EPILEPSY	29	-	-	-	4	4	6	6	3	2	-	4
	MALE	18	-	-	-	1	3	4	5	1	2	-	2
	FEMALE	11	-	-	-	3	1	2	1	2	-	-	2
RESIDUAL OF 320-389	OTHER DISEASES OF THE NERVOUS SYSTEM & SENSE ORGANS	252	7	2	9	2	6	21	23	29	66	32	55
	MALE	119	3	1	5	2	3	10	12	13	29	14	27
	FEMALE	133	4	1	4	-	3	11	11	16	37	18	28
VII.	DISEASES OF THE CIRCULATORY SYSTEM	10,932	6	1	2	10	29	147	394	779	2,015	1,705	5,844
	MALE	5,326	2	-	1	7	16	104	290	538	1,244	915	2,209
	FEMALE	5,606	4	1	1	3	13	43	104	241	771	790	3,635
390-448	MAJOR CARDIOVASCULAR DISEASES	10,898	6	1	2	10	29	145	390	776	2,009	1,699	5,831
	MALE	5,312	2	-	1	7	16	102	288	537	1,240	913	2,206
	FEMALE	5,586	4	1	1	3	13	43	102	239	769	786	3,625
390-398, 402,	DISEASES OF THE HEART	7,542	4	1	1	7	24	119	327	614	1,486	1,171	3,788
	MALE	3,968	2	-	-	5	15	90	257	441	959	669	1,530
	FEMALE	3,574	2	1	1	2	9	29	70	173	527	502	2,258
390-398	RHEUMATIC FEVER & CHRONIC RHEUMATIC HEART DISEASE	102	-	-	-	1	3	1	5	8	23	18	43
	MALE	31	-	-	-	-	2	-	2	1	6	8	12
	FEMALE	71	-	-	-	1	1	1	3	7	17	10	31
402, 404	HYPERTENSIVE HEART DISEASE WITH OR WITHOUT RENAL DISEASE	210	-	-	-	-	-	5	10	12	30	30	123
	MALE	73	-	-	-	-	-	3	9	6	16	11	28
	FEMALE	137	-	-	-	-	-	2	1	6	14	19	95

TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
410-414	ISCHEMIC HEART DISEASE	5,126	-	-	-	-	11	60	237	468	1,100	823	2,427
	MALE	2,899	-	-	-	-	7	53	193	353	739	500	1,054
	FEMALE	2,227	-	-	-	-	4	7	44	115	361	323	1,373
410	MYOCARDIAL INFARCTION	2,010	-	-	-	-	5	24	85	198	470	337	891
	MALE	1,137	-	-	-	-	2	20	69	141	300	197	408
	FEMALE	873	-	-	-	-	3	4	16	57	170	140	483
411	OTHER ACUTE & SUBACUTE ISCHEMIC HEART DISEASE	7	-	-	-	-	-	-	-	-	1	-	6
	MALE	4	-	-	-	-	-	-	-	-	1	-	3
	FEMALE	3	-	-	-	-	-	-	-	-	-	-	3
412-414	CHRONIC ISCHEMIC HEART DISEASE	3,109	-	-	-	-	6	36	152	270	629	486	1,530
	MALE	1,758	-	-	-	-	5	33	124	212	438	303	643
	FEMALE	1,351	-	-	-	-	1	3	28	58	191	183	887
415-429	ALL OTHER FORMS	2,104	4	1	1	6	10	53	75	126	333	300	1,195
	MALE	965	2	-	-	5	6	34	53	81	198	150	436
	FEMALE	1,139	2	1	1	1	4	19	22	45	135	150	759
401, 403	HYPERTENSION	193	-	-	-	-	-	-	4	5	33	28	123
	MALE	75	-	-	-	-	-	-	1	3	19	13	39
	FEMALE	118	-	-	-	-	-	-	3	2	14	15	84
430-438	CEREBROVASCULAR DISEASE	2,483	1	-	1	1	5	18	47	122	359	383	1,546
	MALE	916	-	-	1	-	1	8	22	71	175	161	477
	FEMALE	1,567	1	-	-	1	4	10	25	51	184	222	1,069
430	SUBARACHNOID HEMORRHAGE	92	-	-	-	-	2	9	18	21	14	9	19
	MALE	27	-	-	-	-	1	2	4	7	6	2	5
	FEMALE	65	-	-	-	-	1	7	14	14	8	7	14
431-432	INTRACEREBRAL & INTRACRANIAL HEMORRHAGES	285	1	-	1	1	2	5	14	27	77	45	112
	MALE	123	-	-	1	-	-	4	9	16	41	19	33
	FEMALE	162	1	-	-	1	2	1	5	11	36	26	79
434	CEREBRAL THROMBOSIS & EMBOLISM	264	-	-	-	-	1	1	1	11	37	48	165
	MALE	97	-	-	-	-	-	-	1	7	18	25	46
	FEMALE	167	-	-	-	-	1	1	-	4	19	23	119
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	1,471	-	-	-	-	-	1	12	48	194	227	989
	MALE	521	-	-	-	-	-	1	7	30	95	87	301
	FEMALE	950	-	-	-	-	-	-	5	18	99	140	688

**TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH	AGE GROUPS											
	TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
437 GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE	178	-	-	-	-	-	1	1	5	18	18	135
MALE	69	-	-	-	-	-	-	1	2	10	11	45
FEMALE	109	-	-	-	-	-	1	-	3	8	7	90
440 ARTERIOSCLEROSIS	298	-	-	-	-	-	1	2	11	41	50	193
MALE	146	-	-	-	-	-	1	2	7	29	33	74
FEMALE	152	-	-	-	-	-	-	-	4	12	17	119
441-448 OTHER DISEASES OF ARTERIES, ARTERIOLES & CAPILLARIES	382	1	-	-	2	-	7	10	24	90	67	181
MALE	207	-	-	-	2	-	3	6	15	58	37	86
FEMALE	175	1	-	-	-	-	4	4	9	32	30	95
441 AORTIC ANEURYSM	223	-	-	-	2	-	3	3	15	60	40	100
MALE	136	-	-	-	2	-	2	2	10	38	25	57
FEMALE	87	-	-	-	-	-	1	1	5	22	15	43
451-453 VENOUS THROMBOSIS & EMBOLISM	14	-	-	-	-	-	1	3	1	3	1	5
MALE	6	-	-	-	-	-	1	2	1	1	-	1
FEMALE	8	-	-	-	-	-	-	1	-	2	1	4
RESIDUAL OF 390-459 OTHER DISEASES OF THE CIRCULATORY SYSTEM	20	-	-	-	-	-	1	1	2	3	5	8
MALE	8	-	-	-	-	-	1	-	-	3	2	2
FEMALE	12	-	-	-	-	-	-	1	2	-	3	6
VIII. DISEASES OF THE RESPIRATORY SYSTEM	2,659	3	2	1	-	12	18	60	188	605	467	1,303
MALE	1,308	3	1	-	-	5	7	28	95	298	260	611
FEMALE	1,351	-	1	1	-	7	11	32	93	307	207	692
480-487 PNEUMONIA & INFLUENZA	899	1	-	-	-	7	9	14	32	103	122	611
MALE	422	1	-	-	-	3	2	8	20	64	65	259
FEMALE	477	-	-	-	-	4	7	6	12	39	57	352
480-486 PNEUMONIA	893	1	-	-	-	7	9	14	32	100	122	608
MALE	420	1	-	-	-	3	2	8	20	63	65	258
FEMALE	473	-	-	-	-	4	7	6	12	37	57	350
487 INFLUENZA	6	-	-	-	-	-	-	-	-	3	-	3
MALE	2	-	-	-	-	-	-	-	-	1	-	1
FEMALE	4	-	-	-	-	-	-	-	-	2	-	2

**TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH	AGE GROUPS												
	TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+	
490-496	CHRONIC OBSTRUCTIVE PULMONARY DISEASE & ALLIED CONDITIONS	1,460	-	-	1	-	4	7	39	131	451	306	521
	MALE	744	-	-	-	-	2	4	16	59	212	171	280
	FEMALE	716	-	-	1	-	2	3	23	72	239	135	241
490-491	CHRONIC & UNSPECIFIED BRONCHITIS	55	-	-	-	-	-	-	1	6	14	10	24
	MALE	29	-	-	-	-	-	-	-	3	4	6	16
	FEMALE	26	-	-	-	-	-	-	1	3	10	4	8
492	EMPHYSEMA	310	-	-	-	-	-	1	5	35	97	70	102
	MALE	156	-	-	-	-	-	-	1	18	47	40	50
	FEMALE	154	-	-	-	-	-	1	4	17	50	30	52
493	ASTHMA	86	-	-	1	-	4	4	13	10	19	10	25
	MALE	31	-	-	-	-	2	2	5	2	6	3	11
	FEMALE	55	-	-	1	-	2	2	8	8	13	7	14
494	BRONCHIECTASIS	16	-	-	-	-	-	1	1	-	5	3	6
	MALE	4	-	-	-	-	-	-	-	-	-	2	1
	FEMALE	12	-	-	-	-	-	-	1	-	5	1	5
496	CHRONIC AIRWAY OBSTRUCTION NOT ELSEWHERE CLASSIFIED (COPD)	991	-	-	-	-	-	1	19	80	316	213	362
	MALE	523	-	-	-	-	-	1	10	36	155	120	201
	FEMALE	468	-	-	-	-	-	-	9	44	161	93	161
RESIDUAL OF 460-519	OTHER DISEASES OF THE RESPIRATORY SYSTEM	302	2	2	-	-	1	2	7	25	51	39	173
	MALE	143	2	1	-	-	-	1	4	16	22	24	73
	FEMALE	159	-	1	-	-	1	1	3	9	29	15	100
IX.	DISEASES OF THE DIGESTIVE SYSTEM	929	6	2	2	2	11	64	86	125	174	123	334
	MALE	444	3	2	1	-	6	46	52	67	89	55	123
	FEMALE	485	3	-	1	2	5	18	34	58	85	68	211
531	ULCER OF THE STOMACH	20	-	-	-	-	-	-	-	1	4	3	12
	MALE	7	-	-	-	-	-	-	-	-	2	-	5
	FEMALE	13	-	-	-	-	-	-	-	1	2	3	7
532	ULCER OF THE DUODENUM	15	-	-	-	-	-	-	-	5	4	3	3
	MALE	12	-	-	-	-	-	-	-	5	4	2	1
	FEMALE	3	-	-	-	-	-	-	-	-	-	1	2

TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
533	PEPTIC ULCER	33	-	-	-	-	-	1	1	7	3	5	16
	MALE	13	-	-	-	-	-	-	-	3	1	3	6
	FEMALE	20	-	-	-	-	-	1	1	4	2	2	10
550-553, 560	HERNIA & INTESTINAL OBSTRUCTION	81	3	-	1	-	-	1	2	5	9	12	48
	MALE	31	2	-	1	-	-	1	2	-	4	4	17
	FEMALE	50	1	-	-	-	-	-	-	5	5	8	31
571	CIRRHOSIS OF THE LIVER	301	-	-	-	-	7	50	62	66	66	19	31
	MALE	188	-	-	-	-	5	38	39	40	39	13	14
	FEMALE	113	-	-	-	-	2	12	23	26	27	6	17
571.0-.3	ALCOHOLIC CIRRHOSIS OF THE LIVER	233	-	-	-	-	5	46	59	59	43	11	10
	MALE	165	-	-	-	-	4	35	39	39	33	9	6
	FEMALE	68	-	-	-	-	1	11	20	20	10	2	4
574-576	DISEASES OF THE GALLBLADDER	48	1	-	-	-	-	1	2	2	8	4	30
	MALE	19	1	-	-	-	-	1	1	-	3	2	11
	FEMALE	29	-	-	-	-	-	-	1	2	5	2	19
577	DISEASES OF THE PANCREAS	29	-	-	-	-	-	1	3	5	6	6	8
	MALE	17	-	-	-	-	-	1	2	3	4	3	4
	FEMALE	12	-	-	-	-	-	-	1	2	2	3	4
RESIDUAL OF 520-579	OTHER DISEASES OF THE DIGESTIVE SYSTEM	402	2	2	1	2	4	10	16	34	74	71	186
	MALE	157	-	2	-	-	1	5	8	16	32	28	65
	FEMALE	245	2	-	1	2	3	5	8	18	42	43	121
	X. DISEASES OF THE GENITOURINARY SYSTEM	316	1	-	-	-	-	1	14	13	46	52	189
	MALE	136	1	-	-	-	-	1	11	6	25	24	68
	FEMALE	180	-	-	-	-	-	-	3	7	21	28	121
580-589	NEPHRITIS & NEPHROSIS	137	-	-	-	-	-	1	10	6	30	29	61
	MALE	68	-	-	-	-	-	1	8	2	18	15	24
	FEMALE	69	-	-	-	-	-	-	2	4	12	14	37
590	INFECTIONS OF THE KIDNEY	18	-	-	-	-	-	-	1	1	2	3	11
	MALE	5	-	-	-	-	-	-	-	-	-	1	4
	FEMALE	13	-	-	-	-	-	-	1	1	2	2	7
599.0	URINARY TRACT INFECTION	117	-	-	-	-	-	-	2	2	11	14	88
	MALE	36	-	-	-	-	-	-	2	1	4	5	24
	FEMALE	81	-	-	-	-	-	-	-	1	7	9	64

TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
600-608	DISEASES OF MALE GENITAL ORGANS	13	-	-	-	-	-	-	-	1	-	3	9
	MALE	13	-	-	-	-	-	-	-	1	-	3	9
	FEMALE	-	-	-	-	-	-	-	-	-	-	-	-
614-629	DISEASES OF THE UTERUS & OTHER FEMALE GENITAL ORGANS	2	-	-	-	-	-	-	-	-	-	-	2
	MALE	-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE	2	-	-	-	-	-	-	-	-	-	-	2
RESIDUAL OF 580-629	OTHER DISEASES OF THE GENITOURINARY SYSTEM	29	1	-	-	-	-	-	1	3	3	3	18
	MALE	14	1	-	-	-	-	-	1	2	3	-	7
	FEMALE	15	-	-	-	-	-	-	-	1	-	3	11
630-676	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH & THE PUERPERIUM	-	-	-	-	-	-	-	-	-	-	-	-
	MALE	-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE	-	-	-	-	-	-	-	-	-	-	-	-
680-709	XII. DISEASES OF THE SKIN & SUBCUTANEOUS TISSUE	24	-	-	-	-	-	2	3	-	4	2	13
	MALE	11	-	-	-	-	-	2	3	-	3	-	3
	FEMALE	13	-	-	-	-	-	-	-	-	1	2	10
710-739	XIII. MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DISEASES	166	-	-	2	-	1	9	11	16	17	19	91
	MALE	43	-	-	-	-	1	1	3	6	4	6	22
	FEMALE	123	-	-	2	-	-	8	8	10	13	13	69
	XIV. CONGENITAL ANOMALIES	146	54	8	11	5	5	6	14	7	6	10	20
	MALE	82	27	6	7	4	2	4	9	4	3	6	10
	FEMALE	64	27	2	4	1	3	2	5	3	3	4	10
745-746	CONGENITAL ANOMALIES OF THE HEART	45	16	3	3	3	4	5	3	2	2	1	3
	MALE	27	10	2	2	2	2	3	3	1	1	-	1
	FEMALE	18	6	1	1	1	2	2	-	1	1	1	2
RESIDUAL OF 740-759	OTHER CONGENITAL ANOMALIES	101	38	5	8	2	1	1	11	5	4	9	17
	MALE	55	17	4	5	2	-	1	6	3	2	6	9
	FEMALE	46	21	1	3	-	1	-	5	2	2	3	8

**TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
760-779	XV. PERINATAL CONDITIONS	76	75	-	1	-	-	-	-	-	-	-	-
	MALE	42	42	-	-	-	-	-	-	-	-	-	-
	FEMALE	34	33	-	1	-	-	-	-	-	-	-	-
	XVI. SYMPTOMS & ILL-DEFINED CONDITIONS	572	78	-	-	1	4	7	20	48	89	54	271
	MALE	266	40	-	-	1	3	5	15	37	47	30	88
	FEMALE	306	38	-	-	-	1	2	5	11	42	24	183
797	SENILITY	42	-	-	-	-	-	-	-	-	1	-	41
	MALE	15	-	-	-	-	-	-	-	-	-	-	15
	FEMALE	27	-	-	-	-	-	-	-	-	1	-	26
798.0	SUDDEN INFANT DEATH SYNDROME	76	76	-	-	-	-	-	-	-	-	-	-
	MALE	39	39	-	-	-	-	-	-	-	-	-	-
	FEMALE	37	37	-	-	-	-	-	-	-	-	-	-
RESIDUAL OF 780-799	OTHER SYMPTOMS & ILL-DEFINED CONDITIONS	454	2	-	-	1	4	7	20	48	88	54	230
	MALE	212	1	-	-	1	3	5	15	37	47	30	73
	FEMALE	242	1	-	-	-	1	2	5	11	41	24	157
	XVII. ACCIDENTS, POISONING, & VIOLENCE	2045	20	38	58	326	325	409	245	112	138	100	274
	MALE	1412	9	18	35	239	257	312	180	84	91	56	131
	FEMALE	633	11	20	23	87	68	97	65	28	47	44	143
800-949	ACCIDENTS	1293	11	32	48	189	177	238	134	73	86	72	233
	MALE	828	7	15	29	125	144	180	93	57	51	32	95
	FEMALE	465	4	17	19	64	33	58	41	16	35	40	138
810-825	MOTOR VEHICLE ACCIDENTS	582	3	14	29	136	106	94	66	36	35	23	40
	MALE	368	2	7	16	82	85	62	41	26	16	11	20
	FEMALE	214	1	7	13	54	21	32	25	10	19	12	20
830-838	WATER TRANSPORT ACCIDENTS	22	-	-	-	5	5	8	2	1	1	-	-
	MALE	17	-	-	-	3	4	6	2	1	1	-	-
	FEMALE	5	-	-	-	2	1	2	-	-	-	-	-
840-845	AIR TRANSPORT ACCIDENTS	20	-	-	-	2	1	3	8	2	2	2	-
	MALE	17	-	-	-	1	1	2	7	2	2	2	-
	FEMALE	3	-	-	-	1	-	1	1	-	-	-	-
850-869	POISONING ACCIDENTS	163	-	1	-	7	37	74	31	4	6	-	3
	MALE	124	-	1	-	4	29	62	22	3	2	-	1
	FEMALE	39	-	-	-	3	8	12	9	1	4	-	2

TABLE 6-6.
NUMBER OF DEATHS FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)

CAUSE OF DEATH			AGE GROUPS											
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
880-888	ACCIDENTAL FALLS		231	1	-	-	3	7	9	6	9	23	29	144
	MALE		103	1	-	-	2	6	7	4	8	16	9	50
	FEMALE		128	-	-	-	1	1	2	2	1	7	20	94
890-899	FIRE & FLAME ACCIDENTS		32	1	4	2	2	1	3	2	4	5	2	6
	MALE		20	-	3	1	2	1	2	2	3	3	2	1
	FEMALE		12	1	1	1	-	-	1	-	1	2	-	5
910	DROWNING & SUBMERSION		56	2	8	8	14	7	7	4	3	-	1	2
	MALE		43	2	4	6	12	7	5	3	3	-	-	1
	FEMALE		13	-	4	2	2	-	2	1	-	-	1	1
950-959	SUICIDES		526	-	-	5	85	97	115	84	31	48	25	36
	MALE		431	-	-	3	73	78	92	68	23	38	23	33
	FEMALE		95	-	-	2	12	19	23	16	8	10	2	3
960-978	HOMICIDES		158	4	3	4	46	39	33	18	4	3	2	2
	MALE		108	1	1	2	35	28	23	13	2	1	-	2
	FEMALE		50	3	2	2	11	11	10	5	2	2	2	-
980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED		68	5	3	1	6	12	23	9	4	1	1	3
	MALE		45	1	2	1	6	7	17	6	2	1	1	1
	FEMALE		23	4	1	-	-	5	6	3	2	-	-	2
990-999	INJURY RESULTING FROM OPERATIONS OF WAR		-	-	-	-	-	-	-	-	-	-	-	-
	MALE		-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		-	-	-	-	-	-	-	-	-	-	-	-

- Quantity is zero.

NOTE: ICD is the acronym for the "International Classification of Diseases," a nosological manual published by the World Health Organization.

**TABLE 6-7.
DEATH RATES FOR SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995**

9TH REV. ICD	CAUSE OF DEATH	AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
ALL CAUSES		900.1	613.4	37.1	21.6	92.2	125.8	216.1	397.5	1037.5	2398.4	4717.2	11002.7
	MALE	925.0	627.2	39.1	23.1	127.6	185.3	304.3	496.8	1256.4	2961.5	5897.8	12447.7
	FEMALE	875.8	598.9	34.9	20.2	55.0	65.1	129.4	298.4	831.8	1929.9	3852.5	10204.1
I. INFECTIVE AND PARASITIC DISEASE		18.8	9.4	3.2	0.2	1.9	21.5	32.4	23.1	20.1	25.1	35.6	71.7
	MALE	28.2	9.2	4.1	-	1.4	35.3	59.9	42.2	25.5	35.6	40.7	68.0
	FEMALE	9.8	9.6	2.2	0.5	2.4	7.5	5.3	4.0	15.1	16.4	31.8	73.7
010-018, 137	TUBERCULOSIS, ALL FORMS	0.8	-	-	-	-	-	-	0.2	0.4	2.6	6.9	11.2
	MALE	0.8	-	-	-	-	-	-	-	0.8	2.8	5.4	15.7
	FEMALE	0.9	-	-	-	-	-	-	0.5	-	2.3	7.9	8.7
038	SEPTICEMIA	2.9	-	-	-	-	0.5	0.4	0.5	5.3	8.1	17.2	34.4
	MALE	2.8	-	-	-	-	0.9	0.4	1.0	6.8	10.3	21.7	28.8
	FEMALE	3.0	-	-	-	-	-	0.4	-	4.0	6.2	13.9	37.6
042-044	AIDS	10.6	-	-	-	0.7	20.2	29.1	17.9	5.8	2.1	-	-
	MALE	19.7	-	-	-	0.9	33.5	55.6	33.8	10.2	4.7	-	-
	FEMALE	1.8	-	-	-	0.5	6.6	3.0	2.0	1.6	-	-	-
070	VIRAL HEPATITIS	2.0	-	-	-	-	0.5	2.5	3.5	5.3	4.7	5.7	5.6
	MALE	2.6	-	-	-	-	0.9	3.5	6.5	4.2	5.6	5.4	7.8
	FEMALE	1.5	-	-	-	-	-	1.5	0.5	6.4	3.9	6.0	4.3
RESIDUAL OF 001-139	OTHER INFECTIVE & PARASITIC DISEASES	-	-	-	-	-	-	-	-	-	-	-	-
	MALE	2.5	9.4	3.2	0.2	1.2	0.5	0.4	1.0	3.3	7.7	5.7	20.5
	FEMALE	2.3	9.2	4.1	-	0.5	-	0.4	1.0	3.4	12.2	8.1	15.7
	FEMALE	2.6	9.6	2.2	0.5	1.9	0.9	0.4	1.0	3.2	3.9	4.0	23.1
II. NEOPLASMS		220.6	4.7	4.8	1.8	5.2	6.5	38.1	133.7	412.1	864.2	1309.8	1792.2
	MALE	230.4	4.6	4.1	1.3	6.0	6.9	32.1	124.2	436.9	1022.1	1660.3	2531.9
	FEMALE	211.1	4.8	5.4	2.3	4.4	6.1	44.0	143.2	388.8	732.8	1053.0	1383.4
140-208	MALIGNANT NEOPLASMS	217.9	2.3	3.7	1.6	5.2	6.5	37.9	133.0	410.1	857.4	1292.5	1753.1
	MALE	227.7	4.6	3.1	0.9	6.0	6.9	31.7	124.2	434.4	1013.7	1641.3	2477.0
	FEMALE	208.4	-	4.4	2.3	4.4	6.1	44.0	141.8	387.2	727.4	1037.1	1353.0
140-149	BUCCAL CAVITY & PHARYNX	3.0	-	-	-	-	-	0.6	3.5	5.8	14.0	11.5	17.7
	MALE	3.9	-	-	-	-	-	1.2	5.5	5.9	20.6	19.0	26.2
	FEMALE	2.1	-	-	-	-	-	-	1.5	5.6	8.6	6.0	13.0
150-159	DIGESTIVE ORGANS AND PERITONEUM	49.3	-	1.1	-	0.2	0.7	8.0	22.6	93.7	184.5	289.0	456.2
	MALE	53.9	-	1.0	-	-	0.9	6.6	27.3	129.8	239.6	363.5	559.7
	FEMALE	44.7	-	1.1	-	0.5	0.5	9.5	17.8	59.8	138.6	234.4	399.0

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS											
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
150	ESOPHAGUS		4.5	-	-	-	-	0.5	0.4	2.7	9.9	19.6	28.7	27.9
		MALE	7.3	-	-	-	-	0.5	0.8	5.0	17.8	34.6	48.8	60.2
		FEMALE	1.8	-	-	-	-	0.5	-	0.5	2.4	7.0	13.9	10.1
151	STOMACH		4.2	-	-	-	-	0.2	1.1	2.2	5.8	13.2	27.5	44.7
		MALE	5.2	-	-	-	-	0.5	1.2	3.0	8.5	17.8	43.4	65.4
		FEMALE	3.3	-	-	-	-	-	1.1	1.5	3.2	9.3	15.9	33.2
153	LARGE INTESTINE (EXC. RECTUM)		19.4	-	-	-	0.2	-	3.1	6.7	34.1	73.1	118.1	190.9
		MALE	19.8	-	-	-	-	-	1.5	7.5	49.2	88.0	141.1	217.1
		FEMALE	18.9	-	-	-	0.5	-	4.6	5.9	19.9	60.7	101.3	176.4
154	RECTUM		3.3	-	-	-	-	-	0.4	2.2	6.6	13.2	12.6	31.7
		MALE	4.0	-	-	-	-	-	0.4	2.5	8.5	22.5	16.3	41.8
		FEMALE	2.6	-	-	-	-	-	0.4	2.0	4.8	5.5	9.9	26.0
157	PANCREAS		11.6	-	-	-	-	-	1.7	6.0	24.7	42.5	76.8	95.9
		MALE	11.0	-	-	-	-	-	1.2	6.0	31.4	45.9	86.8	94.2
		FEMALE	12.2	-	-	-	-	-	2.3	5.9	18.3	39.7	69.5	96.9
160-165	RESPIRATORY/INTRATHORACIC ORGANS		64.5	-	-	-	0.2	0.7	5.0	38.5	145.0	306.1	441.6	351.9
		MALE	72.5	-	-	-	0.5	0.5	7.0	39.7	158.6	391.3	558.9	541.4
		FEMALE	56.8	-	-	-	-	0.9	3.0	37.2	132.3	235.2	355.6	247.2
162.2-.9	BRONCHUS & LUNG		62.5	-	-	-	0.2	0.5	4.8	38.0	142.2	295.0	427.8	338.0
		MALE	69.5	-	-	-	0.5	0.5	6.6	39.2	155.3	373.5	537.2	507.4
		FEMALE	55.7	-	-	-	-	0.5	3.0	36.7	129.9	229.7	347.7	244.3
170-175	BONE, CONNECTIVE TISSUE, SKIN & BREAST		23.2	2.3	-	-	1.4	1.9	8.4	26.8	53.0	71.8	95.2	166.7
		MALE	7.6	4.6	-	-	1.8	1.8	2.3	10.4	20.4	15.9	43.4	65.4
		FEMALE	38.3	-	-	-	1.0	1.9	14.4	43.1	83.7	118.4	133.1	222.6
172	MALIGNANT MELANOMA		3.4	-	-	-	0.5	0.9	1.7	5.0	8.2	10.2	10.3	15.8
		MALE	4.2	-	-	-	0.9	1.4	1.9	7.5	12.7	10.3	19.0	18.3
		FEMALE	2.5	-	-	-	-	0.5	1.5	2.5	4.0	10.1	4.0	14.5
173	OTHER SKIN		0.8	-	-	-	-	-	-	0.5	1.6	1.3	3.4	12.1
		MALE	1.2	-	-	-	-	-	-	1.0	0.8	2.8	8.1	23.5
		FEMALE	0.4	-	-	-	-	-	-	-	2.4	-	-	5.8
174-175	BREAST		17.1	-	-	-	-	0.7	5.7	18.9	37.4	57.4	70.0	129.4
		MALE	0.5	-	-	-	-	-	-	-	0.8	0.9	5.4	7.8
		FEMALE	33.2	-	-	-	-	1.4	11.4	37.7	71.7	104.4	117.2	196.6

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS											
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
179-187	GENITAL ORGANS		25.9	-	-	-	-	0.2	4.2	10.9	25.5	84.2	174.3	308.2
	MALE		31.7	-	-	-	-	-	0.8	4.0	17.0	105.8	293.0	622.5
	FEMALE		20.2	-	-	-	-	0.5	7.6	17.8	33.5	66.2	87.4	134.4
179-182	CERVIX & UTERUS		4.1	-	-	-	-	0.2	2.3	2.2	8.6	9.4	22.9	39.1
	MALE		-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		8.0	-	-	-	-	0.5	4.6	4.5	16.7	17.1	39.7	60.7
180	CERVIX UTERI		1.5	-	-	-	-	0.2	2.1	1.5	3.7	4.3	5.7	4.7
	MALE		-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		3.0	-	-	-	-	0.5	4.2	3.0	7.2	7.8	9.9	7.2
182	UTERUS		1.3	-	-	-	-	-	-	-	3.3	2.6	12.6	15.8
	MALE		-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		2.6	-	-	-	-	-	-	-	6.4	4.7	21.9	24.6
183	OVARY		5.5	-	-	-	-	-	1.3	6.5	7.4	23.4	24.1	42.8
	MALE		-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		10.9	-	-	-	-	-	2.7	12.9	14.3	42.8	41.7	66.5
185	PROSTATE		15.4	-	-	-	-	-	-	1.5	8.2	47.6	122.7	219.7
	MALE		31.2	-	-	-	-	-	-	3.0	17.0	104.8	290.3	617.3
	FEMALE		-	-	-	-	-	-	-	-	-	-	-	-
188-189	URINARY ORGANS		10.2	-	-	0.2	-	-	1.0	5.0	16.8	35.3	64.2	107.1
	MALE		14.1	-	-	-	-	-	1.9	7.5	22.1	57.1	95.0	196.2
	FEMALE		6.5	-	-	0.5	-	-	-	2.5	12.0	17.1	41.7	57.8
188	BLADDER		5.0	-	-	-	-	-	0.2	1.0	2.9	16.2	39.0	68.9
	MALE		7.7	-	-	-	-	-	0.4	1.5	5.1	30.9	59.7	141.2
	FEMALE		2.5	-	-	-	-	-	-	0.5	0.8	3.9	23.8	28.9
190-199	OTHER & UNSPECIFIED SITES		19.5	-	1.1	0.7	0.7	1.6	3.6	15.6	39.0	75.2	89.5	151.8
	MALE		18.7	-	1.0	-	0.5	2.8	4.6	18.9	43.3	68.3	95.0	188.3
	FEMALE		20.2	-	1.1	1.4	1.0	0.5	2.7	12.4	35.1	81.0	85.4	131.5
191	BRAIN		7.0	-	1.1	0.4	0.7	1.2	2.5	9.2	17.7	28.1	27.5	22.3
	MALE		8.0	-	1.0	-	0.5	1.8	3.9	12.9	24.6	21.5	35.3	41.8
	FEMALE		6.0	-	1.1	0.9	1.0	0.5	1.1	5.5	11.2	33.5	21.9	11.6
200-208	LYMPHATIC & HEMATOPOIETIC TISSUES		22.3	-	1.6	0.7	2.6	1.4	7.1	10.2	31.2	86.3	127.3	193.7
	MALE		25.3	-	1.0	0.9	3.2	0.9	7.3	10.9	37.3	115.1	173.6	277.3
	FEMALE		19.4	-	2.2	0.5	1.9	1.9	6.8	9.4	25.5	62.3	93.4	147.4
202	LYMPHOMA		8.0	-	-	-	0.5	0.7	1.9	3.5	10.7	33.6	45.9	72.6
	MALE		9.2	-	-	-	0.5	0.9	1.5	4.5	14.4	44.0	76.0	88.9
	FEMALE		6.9	-	-	-	0.5	0.5	2.3	2.5	7.2	24.9	23.8	63.6

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS											
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
203	MULTIPLE MYELOMA		4.0	-	-	-	-	-	0.8	1.5	9.5	16.6	18.4	34.4
	MALE		4.3	-	-	-	-	-	0.4	1.5	11.0	20.6	24.4	49.7
	FEMALE		3.7	-	-	-	-	-	1.1	1.5	8.0	13.2	13.9	26.0
204-208	LEUKEMIA		8.7	-	1.6	0.7	1.7	0.5	3.4	4.2	8.6	31.5	56.2	73.5
	MALE		10.2	-	1.0	0.9	2.3	-	3.9	4.0	10.2	44.0	67.8	125.5
	FEMALE		7.2	-	2.2	0.5	1.0	0.9	3.0	4.5	7.2	21.0	47.7	44.8
204	LYMPHATIC LEUKEMIA		2.3	-	1.1	0.2	0.2	-	1.1	0.7	1.6	6.8	9.2	27.9
	MALE		3.0	-	1.0	-	-	-	1.5	1.0	1.7	10.3	16.3	52.3
	FEMALE		1.6	-	1.1	0.5	0.5	-	0.8	0.5	1.6	3.9	4.0	14.5
205	MYELOID LEUKEMIA		4.2	-	0.5	-	1.2	0.5	1.9	2.5	4.9	13.6	34.4	26.1
	MALE		4.5	-	-	-	1.8	-	1.9	2.0	6.8	18.7	29.8	44.5
	FEMALE		3.8	-	1.1	-	0.5	0.9	1.9	3.0	3.2	9.3	37.8	15.9
210-229	BENIGN NEOPLASMS		0.9	-	1.1	0.2	-	-	-	0.2	0.4	3.0	5.7	10.2
	MALE		1.1	-	1.0	0.4	-	-	-	-	0.8	3.7	10.9	15.7
	FEMALE		0.7	-	1.1	-	-	-	-	0.5	-	2.3	2.0	7.2
230-239	IN SITU, UNCERTAIN BEHAVIOR & UNSPECIFIED NATURE NEOPLASMS		1.9	2.3	-	-	-	-	0.2	0.5	1.6	3.8	11.5	28.9
	MALE		1.7	-	-	-	-	-	0.4	-	1.7	4.7	8.1	39.2
	FEMALE		2.0	4.8	-	-	-	-	-	1.0	1.6	3.1	13.9	23.1
III.	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES		29.0	9.4	-	0.4	1.9	3.0	4.6	13.9	43.6	93.5	178.9	296.1
	MALE		26.6	13.7	-	0.4	2.3	3.7	6.6	15.9	46.7	106.7	181.8	285.1
	FEMALE		31.2	4.8	-	0.5	1.5	2.3	2.7	11.9	40.6	82.6	176.8	302.1
250	DIABETES MELLITUS		22.5	-	-	-	0.7	1.6	3.4	9.4	34.9	77.4	146.8	227.2
	MALE		21.2	-	-	-	0.5	2.8	5.4	10.9	37.3	85.2	162.8	232.8
	FEMALE		23.8	-	-	-	1.0	0.5	1.5	7.9	32.7	70.9	135.1	224.1
RESIDUAL OF 240-279	OTHER ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES		6.4	9.4	-	0.4	1.2	1.4	1.1	4.5	8.6	16.2	32.1	68.9
	MALE		5.4	13.7	-	0.4	1.8	0.9	1.2	5.0	9.3	21.5	19.0	52.3
	FEMALE		7.4	4.8	-	0.5	0.5	1.9	1.1	4.0	8.0	11.7	41.7	78.1
IV.	DISEASES OF THE BLOOD-FORMING ORGANS		3.0	2.3	0.5	-	-	-	0.4	1.2	3.3	4.3	13.8	50.3
	MALE		3.3	-	1.0	-	-	-	0.4	1.5	4.2	5.6	32.6	60.2
	FEMALE		2.6	4.8	-	-	-	-	0.4	1.0	2.4	3.1	-	44.8

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
280-285	ANEMIAS	1.2	-	0.5	-	-	-	0.2	0.5	2.5	0.9	-	23.3
	MALE	1.1	-	1.0	-	-	-	-	0.5	2.5	1.9	-	26.2
	FEMALE	1.3	-	-	-	-	-	0.4	0.5	2.4	-	-	21.7
RESIDUAL OF 280-289	OTHER DISEASES OF THE BLOOD & BLOOD-FORMING ORGANS	1.8	2.3	-	-	-	-	0.2	0.7	0.8	3.4	13.8	27.0
	MALE	2.2	-	-	-	-	-	0.4	1.0	1.7	3.7	32.6	34.0
	FEMALE	1.4	4.8	-	-	-	-	-	0.5	-	3.1	-	23.1
	V. MENTAL DISORDERS	28.7	-	-	-	0.2	2.5	8.2	7.9	11.5	36.1	119.3	554.9
	MALE	22.6	-	-	-	0.5	3.2	13.1	10.4	16.1	42.1	143.8	442.0
	FEMALE	34.7	-	-	-	-	1.9	3.4	5.5	7.2	31.2	101.3	617.2
290.1	ALZHEIMER'S DEMENTIA	9.2	-	-	-	-	-	-	-	1.2	9.4	44.7	209.5
	MALE	7.1	-	-	-	-	-	-	-	-	10.3	48.8	209.2
	FEMALE	11.3	-	-	-	-	-	-	-	2.4	8.6	41.7	209.6
291	ALCOHOLIC PSYCHOSIS	0.3	-	-	-	-	-	-	-	0.8	1.3	2.3	1.9
	MALE	0.5	-	-	-	-	-	-	-	1.7	1.9	5.4	5.2
	FEMALE	0.1	-	-	-	-	-	-	-	-	0.8	-	-
303	ALCOHOLISM	3.3	-	-	-	-	0.9	4.8	6.2	5.3	12.3	5.7	1.9
	MALE	4.8	-	-	-	-	1.4	7.0	8.4	8.5	18.7	13.6	2.6
	FEMALE	1.8	-	-	-	-	0.5	2.7	4.0	2.4	7.0	-	1.4
304	DRUG DEPENDENCE	0.7	-	-	-	-	0.9	2.3	1.0	-	0.4	-	-
	MALE	1.1	-	-	-	-	0.9	4.2	1.5	-	0.9	-	-
	FEMALE	0.3	-	-	-	-	0.9	0.4	0.5	-	-	-	-
305	NON-DEPENDENT DRUG ABUSE	0.4	-	-	-	0.2	-	1.0	0.2	0.8	1.3	1.1	-
	MALE	0.5	-	-	-	0.5	-	1.5	-	0.8	-	2.7	-
	FEMALE	0.4	-	-	-	-	-	0.4	0.5	0.8	2.3	-	-
RESIDUAL OF 290-319	OTHER MENTAL DISORDERS	14.8	-	-	-	-	0.7	0.2	0.5	3.3	11.5	65.4	341.7
	MALE	8.7	-	-	-	-	0.9	0.4	0.5	5.1	10.3	73.2	224.9
	FEMALE	20.8	-	-	-	-	0.5	-	0.5	1.6	12.5	59.6	406.2
	VI. DISEASES OF THE NERVOUS SYSTEM & SENSE ORGANS	29.5	18.7	1.6	2.0	1.4	2.5	5.6	7.4	17.7	59.9	156.0	473.9
	MALE	26.1	18.3	2.1	2.2	1.4	3.2	6.2	8.9	17.0	60.8	170.9	520.5
	FEMALE	32.9	19.2	1.1	1.8	1.5	1.9	4.9	5.9	18.3	59.2	145.0	448.1

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS											
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
320-322	MENINGITIS		0.4	2.3	0.5	-	-	0.2	0.4	-	0.8	0.9	1.1	2.8
	MALE		0.6	4.6	1.0	-	-	0.5	0.8	-	0.8	0.9	-	5.2
	FEMALE		0.3	-	-	-	-	-	-	-	0.8	0.8	2.0	1.4
331.0	ALZHEIMER'S DISEASE		12.7	-	-	-	-	-	-	0.2	2.1	15.7	60.8	282.1
	MALE		8.2	-	-	-	-	-	-	0.5	1.7	13.1	54.3	232.8
	FEMALE		17.2	-	-	-	-	-	-	-	2.4	17.9	65.6	309.3
332	PARKINSON'S DISEASE		7.4	-	-	-	-	-	-	-	1.6	14.5	57.3	134.1
	MALE		8.4	-	-	-	-	-	-	-	2.5	17.8	78.7	206.6
	FEMALE		6.4	-	-	-	-	-	-	-	0.8	11.7	41.7	94.0
345	EPILEPSY		0.9	-	-	-	0.9	0.9	1.1	1.5	1.2	0.9	-	3.7
	MALE		1.2	-	-	-	0.5	1.4	1.5	2.5	0.8	1.9	-	5.2
	FEMALE		0.7	-	-	-	1.5	0.5	0.8	0.5	1.6	-	-	2.9
RESIDUAL OF 320-389	OTHER DISEASES OF THE NERVOUS SYSTEM & SENSE ORGANS		8.0	16.4	1.1	2.0	0.5	1.4	4.0	5.7	11.9	28.1	36.7	51.2
	MALE		7.7	13.7	1.0	2.2	0.9	1.4	3.9	6.0	11.0	27.1	38.0	70.6
	FEMALE		8.4	19.2	1.1	1.8	-	1.4	4.2	5.5	12.7	28.8	35.8	40.5
VII.	DISEASES OF THE CIRCULATORY SYSTEM		349.0	14.0	0.5	0.4	2.4	6.7	28.1	97.8	320.1	856.6	1955.5	5440.8
	MALE		345.1	9.2	-	0.4	3.2	7.3	40.2	144.1	456.4	1164.4	2482.3	5777.9
	FEMALE		352.8	19.2	1.1	0.5	1.5	6.1	16.3	51.5	192.0	600.5	1569.6	5254.6
390-448	MAJOR CARDIOVASCULAR DISEASES		348.0	14.0	0.5	0.4	2.4	6.7	27.8	96.8	318.8	854.0	1948.6	5428.7
	MALE		344.2	9.2	-	0.4	3.2	7.3	39.4	143.1	455.6	1160.6	2476.9	5770.0
	FEMALE		351.6	19.2	1.1	0.5	1.5	6.1	16.3	50.6	190.4	598.9	1561.7	5240.1
390-398, 402, 404-429	DISEASES OF THE HEART		240.8	9.4	0.5	0.2	1.7	5.6	22.8	81.1	252.3	631.7	1343.0	3526.7
	MALE		257.1	9.2	-	-	2.3	6.9	34.8	127.7	374.1	897.6	1814.9	4001.9
	FEMALE		224.9	9.6	1.1	0.5	1.0	4.2	11.0	34.7	137.8	410.4	997.4	3264.0
390-398	RHEUMATIC FEVER & CHRONIC RHEUMATIC HEART DISEASE		3.3	-	-	-	0.2	0.7	0.2	1.2	3.3	9.8	20.6	40.0
	MALE		2.0	-	-	-	-	0.9	-	1.0	0.8	5.6	21.7	31.4
	FEMALE		4.5	-	-	-	0.5	0.5	0.4	1.5	5.6	13.2	19.9	44.8
402,404	HYPERTENSIVE HEART DISEASE WITH OR WITHOUT RENAL DISEASE		6.7	-	-	-	-	-	1.0	2.5	4.9	12.8	34.4	114.5
	MALE		4.7	-	-	-	-	-	1.2	4.5	5.1	15.0	29.8	73.2
	FEMALE		8.6	-	-	-	-	-	0.8	0.5	4.8	10.9	37.8	137.3

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS											
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
410-414	ISCHEMIC HEART DISEASE		163.7	-	-	-	-	2.5	11.5	58.8	192.3	467.6	943.9	2259.6
	MALE		187.9	-	-	-	-	3.2	20.5	95.9	299.5	691.7	1356.4	2756.9
	FEMALE		140.2	-	-	-	-	1.9	2.7	21.8	91.6	281.1	641.8	1984.7
	MYOCARDIAL INFARCTION		64.2	-	-	-	-	1.2	4.6	21.1	81.4	199.8	386.5	829.5
	MALE		73.7	-	-	-	-	0.9	7.7	34.3	119.6	280.8	534.4	1067.2
	FEMALE		54.9	-	-	-	-	1.4	1.5	7.9	45.4	132.4	278.2	698.2
411	OTHER ACUTE & SUBACUTE ISCHEMIC HEART DISEASE		0.2	-	-	-	-	-	-	-	-	0.4	-	5.6
	MALE		0.3	-	-	-	-	-	-	-	-	0.9	-	7.8
	FEMALE		0.2	-	-	-	-	-	-	-	-	-	-	4.3
412-414	CHRONIC ISCHEMIC HEART DISEASE		99.3	-	-	-	-	1.4	6.9	37.7	110.9	267.4	557.4	1424.4
	MALE		113.9	-	-	-	-	2.3	12.7	61.6	179.9	410.0	822.0	1681.8
	FEMALE		85.0	-	-	-	-	0.5	1.1	13.9	46.2	148.8	363.6	1282.2
415-429	ALL OTHER FORMS		67.2	9.4	0.5	0.2	1.4	2.3	10.1	18.6	51.8	141.6	344.1	1112.6
	MALE		62.5	9.2	-	-	2.3	2.8	13.1	26.3	68.7	185.3	406.9	1140.4
	FEMALE		71.7	9.6	1.1	0.5	0.5	1.9	7.2	10.9	35.9	105.1	298.0	1097.2
401, 403	HYPERTENSION		6.2	-	-	-	-	-	-	1.0	2.1	14.0	32.1	114.5
	MALE		4.9	-	-	-	-	-	-	0.5	2.5	17.8	35.3	102.0
	FEMALE		7.4	-	-	-	-	-	-	1.5	1.6	10.9	29.8	121.4
430-438	CEREBROVASCULAR DISEASE		79.3	2.3	-	0.2	0.2	1.2	3.4	11.7	50.1	152.6	439.3	1439.3
	MALE		59.4	-	-	0.4	-	0.5	3.1	10.9	60.2	163.8	436.8	1247.6
	FEMALE		98.6	4.8	-	-	0.5	1.9	3.8	12.4	40.6	143.3	441.1	1545.3
430	SUBARACHNOID HEMORRHAGE		2.9	-	-	-	-	0.5	1.7	4.5	8.6	6.0	10.3	17.7
	MALE		1.7	-	-	-	-	0.5	0.8	2.0	5.9	5.6	5.4	13.1
	FEMALE		4.1	-	-	-	-	0.5	2.7	6.9	11.2	6.2	13.9	20.2
431-432	INTRACEREBRAL & INTRACRANIAL HEMORRHAGES		9.1	2.3	-	0.2	0.2	0.5	1.0	3.5	11.1	32.7	51.6	104.3
	MALE		8.0	-	-	0.4	-	-	1.5	4.5	13.6	38.4	51.5	86.3
	FEMALE		10.2	4.8	-	-	0.5	0.9	0.4	2.5	8.8	28.0	51.7	114.2
434	CEREBRAL THROMBOSIS & EMBOLISM		8.4	-	-	-	-	0.2	0.2	0.2	4.5	15.7	55.1	153.6
	MALE		6.3	-	-	-	-	-	-	0.5	5.9	16.8	67.8	120.3
	FEMALE		10.5	-	-	-	-	0.5	0.4	-	3.2	14.8	45.7	172.0
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE		47.0	-	-	-	-	-	0.2	3.0	19.7	82.5	260.3	920.8
	MALE		33.8	-	-	-	-	-	0.4	3.5	25.5	88.9	236.0	787.3
	FEMALE		59.8	-	-	-	-	-	-	2.5	14.3	77.1	278.2	994.5

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
437	GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE	5.7	-	-	-	-	-	0.2	0.2	2.1	7.7	20.6	125.7
	MALE	4.5	-	-	-	-	-	-	0.5	1.7	9.4	29.8	117.7
	FEMALE	6.9	-	-	-	-	-	0.4	-	2.4	6.2	13.9	130.1
440	ARTERIOSCLEROSIS	9.5	-	-	-	-	-	0.2	0.5	4.5	17.4	57.3	179.7
	MALE	9.5	-	-	-	-	-	0.4	1.0	5.9	27.1	89.5	193.6
	FEMALE	9.6	-	-	-	-	-	-	-	3.2	9.3	33.8	172.0
441-448	OTHER DISEASES OF ARTERIES, ARTERIOLES & CAPILLARIES	12.2	2.3	-	-	0.5	-	1.3	2.5	9.9	38.3	76.8	168.5
	MALE	13.4	-	-	-	0.9	-	1.2	3.0	12.7	54.3	100.4	224.9
	FEMALE	11.0	4.8	-	-	-	-	1.5	2.0	7.2	24.9	59.6	137.3
441	AORTIC ANEURYSM	7.1	-	-	-	0.5	-	0.6	0.7	6.2	25.5	45.9	93.1
	MALE	8.8	-	-	-	0.9	-	0.8	1.0	8.5	35.6	67.8	149.1
	FEMALE	5.5	-	-	-	-	-	0.4	0.5	4.0	17.1	29.8	62.2
451-453	VENOUS THROMBOSIS & EMBOLISM	0.4	-	-	-	-	-	0.2	0.7	0.4	1.3	1.1	4.7
	MALE	0.4	-	-	-	-	-	0.4	1.0	0.8	0.9	-	2.6
	FEMALE	0.5	-	-	-	-	-	-	0.5	-	1.6	2.0	5.8
RESIDUAL OF 390-459	OTHER DISEASES OF THE CIRCULATORY SYSTEM	0.6	-	-	-	-	-	0.2	0.2	0.8	1.3	5.7	7.4
	MALE	0.5	-	-	-	-	-	0.4	-	-	2.8	5.4	5.2
	FEMALE	0.8	-	-	-	-	-	-	0.5	1.6	-	6.0	8.7
VIII.	DISEASES OF THE RESPIRATORY SYSTEM	84.9	7.0	1.1	0.2	-	2.8	3.4	14.9	77.2	257.2	535.6	1213.1
	MALE	84.8	13.7	1.0	-	-	2.3	2.7	13.9	80.6	278.9	705.4	1598.1
	FEMALE	85.0	-	1.1	0.5	-	3.3	4.2	15.9	74.1	239.1	411.3	1000.3
480-487	PNEUMONIA & INFLUENZA	28.7	2.3	-	-	-	1.6	1.7	3.5	13.1	43.8	139.9	568.8
	MALE	27.3	4.6	-	-	-	1.4	0.8	4.0	17.0	59.9	176.3	677.4
	FEMALE	30.0	-	-	-	-	1.9	2.7	3.0	9.6	30.4	113.3	508.8
480-486	PNEUMONIA	28.5	2.3	-	-	-	1.6	1.7	3.5	13.1	42.5	139.9	566.1
	MALE	27.2	4.6	-	-	-	1.4	0.8	4.0	17.0	59.0	176.3	674.8
	FEMALE	29.8	-	-	-	-	1.9	2.7	3.0	9.6	28.8	113.3	505.9
487	INFLUENZA	0.2	-	-	-	-	-	-	-	-	1.3	-	2.8
	MALE	0.1	-	-	-	-	-	-	-	-	0.9	-	2.6
	FEMALE	0.3	-	-	-	-	-	-	-	-	1.6	-	2.9

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**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH	AGE GROUPS												
	TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+	
490-496	CHRONIC OBSTRUCTIVE PULMONARY DISEASE & ALLIED CONDITIONS	46.6	-	-	0.2	-	0.9	1.3	9.7	53.8	191.7	350.9	485.1
	MALE	48.2	-	-	-	-	0.9	1.5	7.9	50.1	198.4	463.9	732.4
	FEMALE	45.1	-	-	0.5	-	0.9	1.1	11.4	57.4	186.1	268.2	348.4
490-491	CHRONIC & UNSPECIFIED BRONCHITIS	1.8	-	-	-	-	-	-	0.2	2.5	6.0	11.5	22.3
	MALE	1.9	-	-	-	-	-	-	-	2.5	3.7	16.3	41.8
	FEMALE	1.6	-	-	-	-	-	-	0.5	2.4	7.8	7.9	11.6
492	EMPHYSEMA	9.9	-	-	-	-	-	0.2	1.2	14.4	41.2	80.3	95.0
	MALE	10.1	-	-	-	-	-	-	0.5	15.3	44.0	108.5	130.8
	FEMALE	9.7	-	-	-	-	-	0.4	2.0	13.5	38.9	59.6	75.2
493	ASTHMA	2.7	-	-	0.2	-	0.9	0.8	3.2	4.1	8.1	11.5	23.3
	MALE	2.0	-	-	-	-	0.9	0.8	2.5	1.7	5.6	8.1	28.8
	FEMALE	3.5	-	-	0.5	-	0.9	0.8	4.0	6.4	10.1	13.9	20.2
494	BRONCHIECTASIS	0.5	-	-	-	-	-	0.2	0.2	-	2.1	3.4	5.6
	MALE	0.3	-	-	-	-	-	0.4	-	-	-	5.4	2.6
	FEMALE	0.8	-	-	-	-	-	-	0.5	-	3.9	2.0	7.2
496	CHRONIC AIRWAY OBSTRUCTION NOT ELSEWHERE CLASSIFIED (COPD)	31.6	-	-	-	-	-	0.2	4.7	32.9	134.3	244.3	337.0
	MALE	33.9	-	-	-	-	-	0.4	5.0	30.5	145.1	325.5	525.7
	FEMALE	29.5	-	-	-	-	-	-	4.5	35.1	125.4	184.8	232.7
RESIDUAL OF 460-519	OTHER DISEASES OF THE RESPIRATORY SYSTEM	9.6	4.7	1.1	-	-	0.2	0.4	1.7	10.3	21.7	44.7	161.1
	MALE	9.3	9.2	1.0	-	-	-	0.4	2.0	13.6	20.6	65.1	190.9
	FEMALE	10.0	-	1.1	-	-	0.5	0.4	1.5	7.2	22.6	29.8	144.6
IX.	DISEASES OF THE DIGESTIVE SYSTEM	29.7	14.0	1.1	0.4	0.5	2.5	12.3	21.3	51.4	74.0	141.1	311.0
	MALE	28.8	13.7	2.1	0.4	-	2.8	17.8	25.8	56.8	83.3	149.2	321.7
	FEMALE	30.5	14.4	-	0.5	1.0	2.3	6.8	16.9	46.2	66.2	135.1	305.0
531	ULCER OF THE STOMACH	0.6	-	-	-	-	-	-	-	0.4	1.7	3.4	11.2
	MALE	0.5	-	-	-	-	-	-	-	-	1.9	-	13.1
	FEMALE	0.8	-	-	-	-	-	-	-	0.8	1.6	6.0	10.1
532	ULCER OF THE DUODENUM	0.5	-	-	-	-	-	-	-	2.1	1.7	3.4	2.8
	MALE	0.8	-	-	-	-	-	-	-	4.2	3.7	5.4	2.6
	FEMALE	0.2	-	-	-	-	-	-	-	-	-	2.0	2.9

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
533	PEPTIC ULCER	1.1	-	-	-	-	-	0.2	0.2	2.9	1.3	5.7	14.9
	MALE	0.8	-	-	-	-	-	-	-	2.5	0.9	8.1	15.7
	FEMALE	1.3	-	-	-	-	-	0.4	0.5	3.2	1.6	4.0	14.5
550-553, 560	HERNIA & INTESTINAL OBSTRUCTION	2.6	7.0	-	0.2	-	-	0.2	0.5	2.1	3.8	13.8	44.7
	MALE	2.0	9.2	-	0.4	-	-	0.4	1.0	-	3.7	10.9	44.5
	FEMALE	3.1	4.8	-	-	-	-	-	-	4.0	3.9	15.9	44.8
571	CIRRHOSIS OF THE LIVER	9.6	-	-	-	-	1.6	9.6	15.4	27.1	28.1	21.8	28.9
	MALE	12.2	-	-	-	-	2.3	14.7	19.4	33.9	36.5	35.3	36.6
	FEMALE	7.1	-	-	-	-	0.9	4.6	11.4	20.7	21.0	11.9	24.6
571.0-.3	ALCOHOLIC CIRRHOSIS OF THE LIVER	7.4	-	-	-	-	1.2	8.8	14.6	24.2	18.3	12.6	9.3
	MALE	10.7	-	-	-	-	1.8	13.5	19.4	33.1	30.9	24.4	15.7
	FEMALE	4.3	-	-	-	-	0.5	4.2	9.9	15.9	7.8	4.0	5.8
574-576	DISEASES OF THE GALLBLADDER	1.5	2.3	-	-	-	-	0.2	0.5	0.8	3.4	4.6	27.9
	MALE	1.2	4.6	-	-	-	-	0.4	0.5	-	2.8	5.4	28.8
	FEMALE	1.8	-	-	-	-	-	-	0.5	1.6	3.9	4.0	27.5
577	DISEASES OF THE PANCREAS	0.9	-	-	-	-	-	0.2	0.7	2.1	2.6	6.9	7.4
	MALE	1.1	-	-	-	-	-	0.4	1.0	2.5	3.7	8.1	10.5
	FEMALE	0.8	-	-	-	-	-	-	0.5	1.6	1.6	6.0	5.8
RESIDUAL OF 520-579	OTHER DISEASES OF THE DIGESTIVE SYSTEM	12.8	4.7	1.1	0.2	0.5	0.9	1.9	4.0	14.0	31.5	81.4	173.2
	MALE	10.2	-	2.1	-	-	0.5	1.9	4.0	13.6	30.0	76.0	170.0
	FEMALE	15.4	9.6	-	0.5	1.0	1.4	1.9	4.0	14.3	32.7	85.4	174.9
X.	DISEASES OF THE GENITOURINARY SYSTEM	10.1	2.3	-	-	-	-	0.2	3.5	5.3	19.6	59.6	176.0
	MALE	8.8	4.6	-	-	-	-	0.4	5.5	5.1	23.4	65.1	177.9
	FEMALE	11.3	-	-	-	-	-	-	1.5	5.6	16.4	55.6	174.9
580-589	NEPHRITIS & NEPHROSIS	4.4	-	-	-	-	-	0.2	2.5	2.5	12.8	33.3	56.8
	MALE	4.4	-	-	-	-	-	0.4	4.0	1.7	16.8	40.7	62.8
	FEMALE	4.3	-	-	-	-	-	-	1.0	3.2	9.3	27.8	53.5
590	INFECTIONS OF THE KIDNEY	0.6	-	-	-	-	-	-	0.2	0.4	0.9	3.4	10.2
	MALE	0.3	-	-	-	-	-	-	-	-	-	2.7	10.5
	FEMALE	0.8	-	-	-	-	-	-	0.5	0.8	1.6	4.0	10.1
599.0	URINARY TRACT INFECTION	3.7	-	-	-	-	-	-	0.5	0.8	4.7	16.1	81.9
	MALE	2.3	-	-	-	-	-	-	1.0	0.8	3.7	13.6	62.8
	FEMALE	5.1	-	-	-	-	-	-	-	0.8	5.5	17.9	92.5

WARNING: Rates based on 5 or less events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH		AGE GROUPS											
		TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
600-608	DISEASES OF MALE GENITAL ORGANS	0.4	-	-	-	-	-	-	-	0.4	-	3.4	8.4
	MALE	0.8	-	-	-	-	-	-	-	0.8	-	8.1	23.5
	FEMALE	-	-	-	-	-	-	-	-	-	-	-	-
614-629	DISEASES OF THE UTERUS & OTHER FEMALE GENITAL ORGANS	0.1	-	-	-	-	-	-	-	-	-	-	1.9
	MALE	-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE	0.1	-	-	-	-	-	-	-	-	-	-	2.9
RESIDUAL OF 580-629	OTHER DISEASES OF THE GENITOURINARY SYSTEM	0.9	2.3	-	-	-	-	-	0.2	1.2	1.3	3.4	16.8
	MALE	0.9	4.6	-	-	-	-	-	0.5	1.7	2.8	-	18.3
	FEMALE	0.9	-	-	-	-	-	-	-	0.8	-	6.0	15.9
630-676	XI. COMPLICATIONS OF PREGNANCY, CHILD BIRTH & THE PUERPERIUM	-	-	-	-	-	-	-	-	-	-	-	-
	MALE	-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE	-	-	-	-	-	-	-	-	-	-	-	-
680-709	XII. DISEASES OF THE SKIN & SUBCUTANEOUS TISSUE	0.8	-	-	-	-	-	0.4	0.7	-	1.7	2.3	12.1
	MALE	0.7	-	-	-	-	-	0.8	1.5	-	2.8	-	7.8
	FEMALE	0.8	-	-	-	-	-	-	-	-	0.8	4.0	14.5
710-739	XIII. MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DISEASES	5.3	-	-	0.4	-	0.2	1.7	2.7	6.6	7.2	21.8	84.7
	MALE	2.8	-	-	-	-	0.5	0.4	1.5	5.1	3.7	16.3	57.5
	FEMALE	7.7	-	-	0.9	-	-	3.0	4.0	8.0	10.1	25.8	99.7
745-746	XIV. CONGENITAL ANOMALIES	4.7	126.4	4.2	2.5	1.2	1.2	1.1	3.5	2.9	2.6	11.5	18.6
	MALE	5.3	123.6	6.2	3.0	1.8	0.9	1.5	4.5	3.4	2.8	16.3	26.2
	FEMALE	4.0	129.4	2.2	1.8	0.5	1.4	0.8	2.5	2.4	2.3	7.9	14.5
RESIDUAL OF 740-759	OTHER CONGENITAL ANOMALIES	3.2	89.0	2.6	1.8	0.5	0.2	0.2	2.7	2.1	1.7	10.3	15.8
	MALE	3.6	77.8	4.1	2.2	0.9	-	0.4	3.0	2.5	1.9	16.3	23.5
	FEMALE	2.9	100.6	1.1	1.4	-	0.5	-	2.5	1.6	1.6	6.0	11.6

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS											
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
760-779	XV. PERINATAL CONDITION		2.4	175.6	-	0.2	-	-	-	-	-	-	-	-
	MALE		2.7	192.3	-	-	-	-	-	-	-	-	-	-
	FEMALE		2.1	158.1	-	0.5	-	-	-	-	-	-	-	-
	XVI. SYMPTOMS & ILL-DEFINED CONDITIONS		18.3	187.3	-	-	0.2	0.9	1.3	5.0	19.7	37.8	61.9	252.3
	MALE		17.3	187.7	-	-	0.5	1.4	1.9	7.5	31.4	44.0	81.4	230.2
	FEMALE		19.3	186.9	-	-	-	0.5	0.8	2.5	8.8	32.7	47.7	264.5
797	SENILITY		1.3	-	-	-	-	-	-	-	-	0.4	-	38.2
	MALE		1.0	-	-	-	-	-	-	-	-	-	-	39.2
	FEMALE		1.7	-	-	-	-	-	-	-	-	0.8	-	37.6
798.0	SUDDEN INFANT DEATH SYNDROME		2.4	177.9	-	-	-	-	-	-	-	-	-	-
	MALE		2.5	178.5	-	-	-	-	-	-	-	-	-	-
	FEMALE		2.3	177.3	-	-	-	-	-	-	-	-	-	-
RESIDUAL OF 780-799	OTHER SYMPTOMS & ILL-DEFINED CONDITIONS		14.5	4.7	-	-	0.2	0.9	1.3	5.0	19.7	37.4	61.9	214.1
	MALE		13.7	4.6	-	-	0.5	1.4	1.9	7.5	31.4	44.0	81.4	190.9
	FEMALE		15.2	4.8	-	-	-	0.5	0.8	2.5	8.8	31.9	47.7	227.0
	XVII. ACCIDENTS, POISONING & VIOLENCE		65.3	46.8	20.1	12.9	77.3	75.3	78.3	60.8	46.0	58.7	114.7	255.1
	MALE		91.5	41.2	18.5	15.2	110.5	117.9	120.5	89.4	71.3	85.2	151.9	342.6
	FEMALE		39.8	52.7	21.8	10.5	42.3	31.8	36.8	32.2	22.3	36.6	87.4	206.7
800-949	ACCIDENTS		41.3	25.8	16.9	10.7	44.8	41.0	45.6	33.2	30.0	36.6	82.6	216.9
	MALE		53.7	32.0	15.4	12.6	57.8	66.1	69.5	46.2	48.4	47.7	86.8	248.5
	FEMALE		29.3	19.2	18.5	8.7	31.1	15.4	22.0	20.3	12.7	27.3	79.5	199.5
810-825	MOTOR VEHICLE ACCIDENTS		18.6	7.0	7.4	6.5	32.2	24.6	18.0	16.4	14.8	14.9	26.4	37.2
	MALE		23.8	9.2	7.2	7.0	37.9	39.0	23.9	20.4	22.1	15.0	29.8	52.3
	FEMALE		13.5	4.8	7.6	6.0	26.3	9.8	12.1	12.4	8.0	14.8	23.8	28.9
830-838	WATER TRANSPORT ACCIDENTS		0.7	-	-	-	1.2	1.2	1.5	0.5	0.4	0.4	-	-
	MALE		1.1	-	-	-	1.4	1.8	2.3	1.0	0.8	0.9	-	-
	FEMALE		0.3	-	-	-	1.0	0.5	0.8	-	-	-	-	-
840-845	AIR TRANSPORT ACCIDENTS		0.6	-	-	-	0.5	0.2	0.6	2.0	0.8	0.9	2.3	-
	MALE		1.1	-	-	-	0.5	0.5	0.8	3.5	1.7	1.9	5.4	-
	FEMALE		0.2	-	-	-	0.5	-	0.4	0.5	-	-	-	-
850-869	POISONING ACCIDENTS		5.2	-	0.5	-	1.7	8.6	14.2	7.7	1.6	2.6	-	2.8
	MALE		8.0	-	1.0	-	1.8	13.3	23.9	10.9	2.5	1.9	-	2.6
	FEMALE		2.5	-	-	-	1.5	3.7	4.6	4.5	0.8	3.1	-	2.9

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-7.
DEATH RATES FROM SELECTED CAUSES BY AGE AND SEX, OREGON RESIDENTS, 1995 (CONTINUED)**

CAUSE OF DEATH			AGE GROUPS											
			TOTAL	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-79	80+
880-888	ACCIDENTAL FALLS		7.4	2.3	-	-	0.7	1.6	1.7	1.5	3.7	9.8	33.3	134.1
	MALE		6.7	4.6	-	-	0.9	2.8	2.7	2.0	6.8	15.0	24.4	130.8
	FEMALE		8.1	-	-	-	0.5	0.5	0.8	1.0	0.8	5.5	39.7	135.9
890-899	FIRE & FLAME ACCIDENTS		1.0	2.3	2.1	0.4	0.5	0.2	0.6	0.5	1.6	2.1	2.3	5.6
	MALE		1.3	-	3.1	0.4	0.9	0.5	0.8	1.0	2.5	2.8	5.4	2.6
	FEMALE		0.8	4.8	1.1	0.5	-	-	0.4	-	0.8	1.6	-	7.2
910	DROWNING & SUBMERSION		1.8	4.7	4.2	1.8	3.3	1.6	1.3	1.0	1.2	-	1.1	1.9
	MALE		2.8	9.2	4.1	2.6	5.5	3.2	1.9	1.5	2.5	-	-	2.6
	FEMALE		0.8	-	4.4	0.9	1.0	-	0.8	0.5	-	-	2.0	1.4
950-959	SUICIDES		16.8	-	-	1.1	20.1	22.5	22.0	20.8	12.7	20.4	28.7	33.5
	MALE		27.9	-	-	1.3	33.7	35.8	35.5	33.8	19.5	35.6	62.4	86.3
	FEMALE		6.0	-	-	0.9	5.8	8.9	8.7	7.9	6.4	7.8	4.0	4.3
960-978	HOMICIDES		5.0	9.4	1.6	0.9	10.9	9.0	6.3	4.5	1.6	1.3	2.3	1.9
	MALE		7.0	4.6	1.0	0.9	16.2	12.8	8.9	6.5	1.7	0.9	-	5.2
	FEMALE		3.1	14.4	2.2	0.9	5.4	5.1	3.8	2.5	1.6	1.6	4.0	-
980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED		2.2	11.7	1.6	0.2	1.4	2.8	4.4	2.2	1.6	0.4	1.1	2.8
	MALE		2.9	4.6	2.1	0.4	2.8	3.2	6.6	3.0	1.7	0.9	2.7	2.6
	FEMALE		1.4	19.2	1.1	-	-	2.3	2.3	1.5	1.6	-	-	2.9
990-999	INJURY RESULTING FROM OPERATIONS OF WAR		-	-	-	-	-	-	-	-	-	-	-	-
	MALE		-	-	-	-	-	-	-	-	-	-	-	-
	FEMALE		-	-	-	-	-	-	-	-	-	-	-	-

- Quantity is zero.

Rates per 100,000 population.

NOTE: ICD is the acronym for the "International Classification of Diseases," a nosological manual published by the World Health Organization.

WARNING: Rates based on less than 5 events are unreliable.

**TABLE 6-8.
NUMBER OF DEATHS BY CAUSE AND MONTH OF DEATH, OREGON RESIDENTS, 1995**

CAUSE OF DEATH	TOTAL	MONTH OF DEATH											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL	28,190	2,452	2,101	2,520	2,281	2,377	2,255	2,372	2,234	2,233	2,281	2,349	2,735
DISEASES OF THE HEART	7,529	659	588	718	631	631	555	617	577	608	607	606	732
MALIGNANT NEOPLASMS	6,824	562	471	562	559	572	546	628	589	575	586	561	613
CEREBROVASCULAR DISEASE	2,483	232	192	232	179	204	203	199	238	165	221	211	207
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1,460	144	121	134	127	128	128	91	108	103	89	132	155
UNINTENTIONAL INJURIES	1,293	101	89	98	87	94	125	133	124	126	101	83	132
PNEUMONIA AND INFLUENZA	899	80	70	97	86	77	46	59	53	46	59	94	132
DIABETES MELLITUS	705	62	47	59	50	45	58	54	63	71	58	60	78
ALZHEIMER'S DISEASE	688	46	53	57	63	58	66	59	40	49	46	69	82
SUICIDE	526	47	35	49	48	52	40	50	38	40	37	43	47
OTHER DISEASES OF THE ARTERIES	382	31	35	28	37	38	27	25	27	26	40	25	43
ALCOHOLISM AND ALLIED CONDITIONS	358	26	24	32	25	23	38	36	36	25	37	27	29
AIDS	333	29	17	34	20	27	35	28	28	25	30	31	29
ARTERIOSCLEROSIS	298	31	23	34	18	31	21	25	15	28	24	24	24
PARKINSON'S DISEASE	232	17	16	18	13	27	16	21	17	15	19	36	17
HYPERTENSION WITH/WITHOUT RENAL DISEASE	193	14	15	10	12	16	23	14	15	18	16	11	29
HOMICIDE AND LEGAL INTERVENTION	158	10	12	11	9	12	12	5	11	21	15	15	25
CONGENITAL ANOMALIES	146	9	18	10	14	16	12	13	9	9	13	12	11
NEPHRITIS AND NEPHROSIS	137	12	11	16	14	15	6	10	13	6	11	9	14
SEPTICEMIA	90	12	7	6	5	10	8	8	7	7	4	7	9
HERNIA AND INTESTINAL OBSTRUCTION	81	9	6	6	7	9	7	7	8	4	7	7	4
ALL OTHER CAUSES	3,375	319	251	309	277	292	283	290	218	266	261	286	323

TABLE 6-9.
DEATHS BY AGE, RACE AND ETHNICITY, OREGON RESIDENTS, 1995

RACE AND ETHNICITY	TOTAL	AGE AT DEATH								
		< 1	1-4	5-14	15-19	20-24	25-29	30-34	35-39	40-44
TOTAL	28,190	262	70	97	204	185	215	328	492	637
HISPANIC	351	33	8	8	15	24	22	19	22	18
NON-HISPANIC ¹	27,839	229	62	89	189	161	193	309	470	619
WHITE	27,302	234	63	86	185	161	197	305	456	589
HISPANIC	333	32	8	7	15	23	17	18	21	17
NON-HISPANIC ¹	26,969	202	55	79	170	138	180	287	435	572
AFRICAN AMERICAN	377	18	2	2	9	12	4	9	18	24
HISPANIC	2	-	-	-	-	-	-	-	-	-
NON-HISPANIC ¹	375	18	2	2	9	12	4	9	18	24
INDIAN	240	4	4	8	8	8	7	8	13	16
HISPANIC	9	-	-	1	-	1	3	1	-	-
NON-HISPANIC ¹	231	4	4	7	8	7	4	7	13	16
CHINESE	74	1	1	-	-	1	-	-	1	1
NON-HISPANIC ¹	74	1	1	-	-	1	-	-	1	1
JAPANESE	57	-	-	-	-	-	-	-	-	2
NON-HISPANIC ¹	57	-	-	-	-	-	-	-	-	2
OTHER ASIAN & PAC. IS.	97	4	-	1	1	3	3	6	2	4
NON-HISPANIC ¹	97	4	-	1	1	3	3	6	2	4
OTHER & UNKNOWN²	43	1	-	-	1	-	4	-	2	1
HISPANIC	7	1	-	-	-	-	2	-	1	1
NON-HISPANIC ¹	36	-	-	-	1	-	2	-	1	-

RACE AND ETHNICITY	AGE AT DEATH									
	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+
TOTAL	726	876	1,017	1,508	2,285	3,357	4,113	4,466	3,796	3,556
HISPANIC	13	9	22	26	19	26	26	19	12	10
NON-HISPANIC ¹	713	867	995	1,482	2,266	3,331	4,087	4,447	3,784	3,546
WHITE	683	830	977	1,439	2,201	3,249	4,018	4,393	3,734	3,502
HISPANIC	11	9	21	25	18	25	25	19	12	10
NON-HISPANIC ¹	672	821	956	1,414	2,183	3,224	3,993	4,374	3,722	3,492
AFRICAN AMERICAN	19	16	15	30	32	48	41	28	30	20
HISPANIC	-	-	-	1	1	-	-	-	-	-
NON-HISPANIC ¹	19	16	15	29	31	48	41	28	30	20
INDIAN	13	21	13	16	16	27	19	18	11	10
HISPANIC	1	-	1	-	-	-	1	-	-	-
NON-HISPANIC ¹	12	21	12	16	16	27	18	18	11	10
CHINESE	3	1	5	4	7	10	10	10	8	11
NON-HISPANIC ¹	3	1	5	4	7	10	10	10	8	11
JAPANESE	-	2	1	10	12	7	11	4	3	5
NON-HISPANIC ¹	-	2	1	10	12	7	11	4	3	5
OTHER ASIAN & PAC. IS.	4	4	6	6	11	12	11	10	6	3
NON-HISPANIC ¹	4	4	6	6	11	12	11	10	6	3
OTHER & UNKNOWN²	4	2	-	3	6	4	3	3	4	5
HISPANIC	1	-	-	-	-	1	-	-	-	-
NON-HISPANIC ¹	3	2	-	3	6	3	3	3	4	5

¹ NOTE: Includes a small number with unknown ethnicity.

² "OTHER AND UNKNOWN" Includes groups where fewer than 50 deaths were recorded (e.g., Hawaiian, Filipino).

TABLE 6-10. DEATHS BY SELECTED CAUSES BY RACE/ETHNICITY, OREGON RESIDENTS, 1995

SELECTED CAUSES OF DEATH	RACE							HISPANIC ²
	TOTAL	WHITE	AFRICAN AMERICAN	INDIAN	CHINESE & JAPANESE	OTHER ASIAN & PAC. ISL.	OTHER & N.S. ¹	
TOTAL	28190	27302	377	240	131	97	43	351
TUBERCULOSIS (010-018, 137)	26	21	-	1	-	4	-	-
SEPTICEMIA (038)	90	84	4	2	-	-	-	-
AIDS (042-044)	333	314	11	5	-	-	3	13
VIRAL HEPATITIS (070)	64	57	-	1	3	3	-	3
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	77	76	-	1	-	-	-	2
MALIGNANT NEOPLASMS (140-208)	6824	6629	78	41	48	24	4	52
BUCCAL CAVITY & PHARYNX (140-149)	93	89	1	-	2	1	-	-
DIGESTIVE ORGANS & PERITONEUM (150-159)	1543	1487	20	10	16	8	2	15
LARGE INTESTINE (153)	607	583	7	7	8	1	1	3
PANCREAS (157)	363	354	6	-	3	-	-	2
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	2021	1968	19	12	14	7	1	10
BRONCHUS AND LUNG (162.2-162.9)	1957	1905	19	12	14	6	1	9
MALIGNANT MELANOMA (172)	105	105	-	-	-	-	-	-
OTHER SKIN (173)	25	25	-	-	-	-	-	-
BREAST (174-175)	535	524	4	2	3	1	1	3
GENITAL ORGANS (179-187)	810	791	10	4	3	2	-	8
CERVIX & UTERUS (179-182)	127	123	1	1	1	1	-	4
OVARY (183.0)	173	171	1	-	-	1	-	3
PROSTATE (185)	481	468	8	3	2	-	-	1
URINARY ORGANS (188-189)	321	311	4	4	2	-	-	5
LEUKEMIA (204-208)	273	268	3	1	1	-	-	3
BENIGN NEOPLASMS (210-229)	28	27	1	-	-	-	-	-
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	58	57	-	-	-	1	-	-
DIABETES MELLITUS (250)	705	675	16	12	1	1	-	13
NUTRITIONAL DEFICIENCIES (260-269)	29	29	-	-	-	-	-	-
ANEMIAS (280-285)	37	36	-	1	-	-	-	1
ALZHEIMER'S DEMENTIA (290.1)	289	289	-	-	-	-	-	1
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	112	110	-	2	-	-	-	3
DRUG DEPENDENCE (304)	21	17	4	-	-	-	-	-
MENINGITIS (320-322)	13	13	-	-	-	-	-	1
ALZHEIMER'S DISEASE (331.0)	399	393	-	2	3	-	1	2
PARKINSON'S DISEASE (332)	232	228	3	-	1	-	-	1
EPILEPSY (345)	29	28	1	-	-	-	-	-
MAJOR CARDIOVASCULAR DISEASES (390-448)	10898	10617	125	70	37	31	18	65
DISEASES OF THE HEART (390-398, 402, 404-429)	7542	7370	70	45	22	18	17	48
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	102	99	1	1	-	-	1	1
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	210	203	4	1	1	-	1	1
ISCHEMIC HEART DISEASE (410-414)	5126	5018	43	29	13	12	11	36
MYOCARDIAL INFARCTION (410)	2010	1962	16	14	5	7	6	19
OTHER ACUTE & SUBACUTE (411)	7	7	-	-	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	3109	3049	27	15	8	5	5	17
ALL OTHER FORMS (415-429)	2104	2050	22	14	8	6	4	10
HYPERTENSION (401, 403)	193	179	12	-	1	-	1	2
CEREBROVASCULAR DISEASE (430-438)	2483	2402	39	18	13	11	-	14
SUBARACHNOID HEMORRHAGE (430)	92	87	2	1	2	-	-	2
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	285	271	4	2	4	4	-	2
CEREBRAL THROMBOSIS & EMBOLISM (434)	264	255	4	3	-	2	-	2
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	1471	1428	25	10	6	2	-	7
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	178	176	-	-	1	1	-	1
ARTERIOSCLEROSIS (440)	298	295	1	2	-	-	-	1
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	382	371	3	5	1	2	-	-
VENOUS THROMBOSIS & EMBOLISM (451-453)	14	13	-	-	-	1	-	-
PNEUMONIA (480-486)	893	870	11	4	7	1	-	3
INFLUENZA (487)	6	6	-	-	-	-	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	1460	1436	7	9	6	2	-	7
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	68	67	-	1	-	-	-	-
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	81	80	1	-	-	-	-	1
CIRRHOSIS OF THE LIVER (571)	301	285	5	8	-	2	1	14
ALCOHOLIC CIRRHOSIS (571.0-571.3)	233	219	5	7	-	2	-	13
DISEASES OF THE GALLBLADDER (574-576)	48	46	-	-	2	-	-	-
NEPHRITIS & NEPHROSIS (580-589)	137	132	4	-	-	-	1	2
INFECTIONS OF THE KIDNEY (590)	18	18	-	-	-	-	-	-
DISEASES OF MALE GENITAL ORGANS (600-608)	13	13	-	-	-	-	-	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	2	2	-	-	-	-	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	146	136	3	3	2	2	-	14
CERTAIN CAUSES IN EARLY INFANCY (760-779)	76	68	4	-	1	3	-	7
SUDDEN INFANT DEATH SYNDROME (798.0)	76	69	5	-	-	1	1	9
UNINTENTIONAL INJURIES (800-949)	1293	1223	25	29	6	5	5	69
MOTOR VEHICLE-RELATED (810-825)	582	547	10	19	1	3	2	44
SUICIDES (950-959)	526	498	9	11	2	3	3	15
HOMICIDES (960-978)	158	130	21	5	1	1	-	23
INJURIES OF UNDETERMINED MANNER (980-989)	68	60	5	2	-	-	1	3

1 Other and N.S. includes groups in which the total is less than 50 (e.g., Hawaiian, Filipino).

2 Hispanic decedents may belong to any race: 333 are white.

TABLE 6-11.
YEARS OF POTENTIAL LIFE LOST BEFORE AGE 65 BY YEAR AND CAUSE,
OREGON RESIDENTS, 1980-1995

YEAR	TOTAL	UNINTENTIONAL INJURY	CANCER	HEART DISEASE	SUICIDE	CONGENITAL ANOMALIES	PERINATAL CONDITIONS	ACQUIRED IMMUNE DEFICIENCY SYNDROME	SUDDEN INFANT DEATH SYNDROME
1980	137,742	35,305	19,826	14,483	9,356	9,150	14,141	-	8,516
1981	130,383	34,094	19,652	13,756	9,011	8,214	13,899	-	7,549
1982	121,099	28,983	18,775	13,531	8,380	9,170	10,833	-	6,645
1983	119,079	30,533	18,602	13,493	8,720	7,997	9,609	63	6,258
1984	121,250	30,969	20,273	12,980	8,497	7,753	8,787	118	7,032
1985	118,035	30,221	18,735	12,424	8,792	8,019	8,763	271	6,907
1986	119,185	29,922	17,928	12,263	9,447	6,897	7,710	825	7,805
1987	120,949	30,110	18,723	12,650	8,203	7,257	10,387	2,135	7,420
1988	119,533	29,720	18,838	12,176	9,745	6,402	8,309	3,076	6,387
1989	116,878	26,633	17,924	11,453	9,714	6,149	10,989	3,304	5,999
1990	117,310	26,397	19,097	10,180	9,609	6,602	7,586	4,778	7,098
1991	113,112	23,842	19,215	10,901	9,801	6,710	6,291	5,796	5,484
1992	114,350	21,758	18,655	10,651	10,492	6,220	7,069	6,479	5,423
1993	123,280	25,797	19,747	12,071	9,772	7,125	5,391	7,884	5,873
1994	126,313	25,604	21,242	11,189	11,467	5,848	6,809	8,419	4,064
1995	128,177	28,912	20,505	12,126	12,029	5,394	4,932	8,214	4,906

YEAR	HOMICIDE ¹	ALCOHOLISM	CEREBROVASCULAR DISEASE	DIABETES	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	UNDETERMINED EXTERNAL CAUSE	PNEUMONIA AND INFLUENZA	OTHER DISEASES OF THE ARTERIES	HERNIA AND INTESTINAL OBSTRUCTION
1980	4,748	2,728	2,284	1,260	1,364	1,567	776	527	74
1981	3,809	3,115	1,991	918	1,277	1,964	790	207	210
1982	4,455	1,913	1,909	1,006	1,308	1,614	977	284	126
1983	3,675	2,652	1,971	1,251	1,366	1,553	732	340	20
1984	4,066	2,542	2,098	946	1,208	1,734	1,135	294	174
1985	3,512	2,334	1,960	1,287	1,342	1,672	768	668	241
1986	5,368	2,559	1,540	1,038	1,438	1,925	955	314	179
1987	5,054	2,412	1,794	1,224	1,126	1,783	784	308	265
1988	4,331	2,433	1,783	1,631	1,197	1,176	1,220	461	63
1989	4,198	2,985	1,533	1,171	1,467	1,606	1,070	459	75
1990	3,679	2,647	1,770	1,181	1,341	1,427	1,494	558	155
1991	4,370	2,582	1,801	1,388	1,309	1,112	900	365	233
1992	5,436	2,845	2,087	1,916	1,213	1,706	1,224	522	46
1993	4,669	3,334	2,399	1,594	1,424	1,746	1,469	549	191
1994	5,759	3,491	2,799	1,890	1,309	1,747	1,434	612	26
1995	5,263	3,856	2,052	1,811	1,509	2,021	901	573	335

¹ Includes legal intervention.

TABLE 6-12. YEARS OF POTENTIAL LIFE LOST BY CAUSE, OREGON RESIDENTS, 1995

SELECTED CAUSES OF DEATH	BEFORE AGE 65			BEFORE AGE 75			BEFORE AGE 85		
	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F
TOTAL	128177	83136	45040	220054	139499	80555	388681	236797	151884
TUBERCULOSIS (010-018, 137)	15	4	11	61	31	30	216	99	117
SEPTICEMIA (038)	205	162	43	483	340	143	1020	660	360
AIDS (042-044)	8214	7405	809	11530	10431	1099	14860	13471	1389
VIRAL HEPATITIS (070)	678	536	142	1151	852	299	1748	1229	519
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	1143	506	637	1542	713	829	2123	1017	1106
MALIGNANT NEOPLASMS (140-208)	20505	9674	10831	48624	24024	24600	98878	50107	48771
BUCCAL CAVITY & PHARYNX (140-149)	334	267	67	811	606	205	1575	1122	453
DIGESTIVE ORGANS & PERITONEUM (150-159)	3692	2145	1547	9461	5722	3739	20217	11997	8220
LARGE INTESTINE (153)	1169	584	585	3186	1769	1417	7272	4020	3252
PANCREAS (157)	861	452	409	2340	1270	1070	4950	2587	2363
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	4641	2496	2145	13796	7562	6234	30211	16697	13514
BRONCHUS AND LUNG (162.2-162.9)	4505	2435	2070	13407	7336	6071	29336	16148	13188
MALIGNANT MELANOMA (172)	895	671	224	1590	1143	447	2485	1718	767
OTHER SKIN (173)	42	28	14	127	83	44	264	190	74
BREAST (174-175)	2424	1	2423	5104	19	5085	9209	61	9148
GENITAL ORGANS (179-187)	1536	250	1286	3728	1034	2694	8732	3674	5058
CERVIX & UTERUS (179-182)	558	-	558	1097	-	1097	1970	-	1970
OVARY (183.0)	674	-	674	1453	-	1453	2780	-	2780
PROSTATE (185)	165	165	-	903	903	-	3486	3486	-
URINARY ORGANS (188-189)	694	485	209	1800	1267	533	3910	2734	1176
LEUKEMIA (204-208)	1586	829	757	2666	1457	1209	4668	2609	2059
BENIGN NEOPLASMS (210-229)	202	126	76	276	169	107	442	271	171
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	133	26	107	253	91	162	535	221	314
DIABETES MELLITUS (250)	1811	1150	661	4237	2486	1751	8869	4877	3992
NUTRITIONAL DEFICIENCIES (260-269)	142	110	32	198	147	51	294	197	97
ANEMIAS (280-285)	159	96	63	266	153	113	410	238	172
ALZHEIMER'S DEMENTIA (290.1)	18	0	18	132	51	81	889	404	485
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	1235	871	364	2064	1458	606	3141	2243	898
DRUG DEPENDENCE (304)	483	373	110	691	541	150	901	711	190
MENINGITIS (320-322)	223	222	1	293	19	394	347	347	47
ALZHEIMER'S DISEASE (331.0)	28	16	12	223	96	127	1342	509	833
PARKINSON'S DISEASE (332)	17	16	1	167	100	67	1144	658	486
EPILEPSY (345)	595	350	245	835	500	335	1085	660	425
MAJOR CARDIOVASCULAR DISEASES (390-448)	15042	10414	4628	38128	25904	12224	91183	58029	33154
DISEASES OF THE HEART (390-398, 402, 404-429)	12226	9038	3188	30243	21794	8449	69311	46904	22407
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	295	112	183	589	193	396	1195	379	816
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	344	251	93	776	518	258	1716	987	729
ISCHEMIC HEART DISEASE (410-414)	7494	6023	1471	20470	15639	4831	48532	34625	13907
MYOCARDIAL INFARCTION (410)	2898	2208	690	8285	6005	2280	19970	13534	6436
OTHER ACUTE & SUBACUTE (411)	0	0	0	2	2	0	22	21	1
CHRONIC ISCHEMIC HEART DISEASE (412-414)	4596	3815	781	12183	9632	2551	28540	21070	7470
ALL OTHER FORMS (415-429)	4093	2652	1441	8408	5444	2964	17868	10913	6955
HYPERTENSION (401, 403)	83	37	46	343	178	165	1097	545	552
CEREBROVASCULAR DISEASE (430-438)	2052	932	1120	5702	2769	2933	15730	7422	8308
SUBARACHNOID HEMORRHAGE (430)	669	179	490	1259	362	897	2002	589	1413
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	702	364	338	1584	841	743	3381	1765	1616
CEREBRAL THROMBOSIS & EMBOLISM (434)	118	42	76	447	205	242	1476	701	775
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	403	240	163	1896	1063	833	7097	3443	3654
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	66	31	35	218	104	114	745	388	357
ARTERIOSCLEROSIS (440)	108	89	19	417	319	98	1514	1038	476
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	573	318	255	1423	844	579	3531	2120	1411
VENOUS THROMBOSIS & EMBOLISM (451-453)	71	55	16	138	96	42	224	146	78
PNEUMONIA (480-486)	901	437	464	1937	1019	918	5023	2725	2298
INFLUENZA (487)	0	0	0	17	7	10	50	17	33
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	1509	669	840	5519	2506	3013	15092	7228	7864
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	103	46	57	316	165	151	688	361	327
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	335	243	92	483	314	169	824	471	353
CIRRHOSIS OF THE LIVER (571)	2763	1941	822	4961	3376	1585	7704	5129	2575
ALCOHOLIC CIRRHOSIS (571.0-571.3)	2521	1825	696	4470	3194	1276	6711	4790	1921
DISEASES OF THE GALLBLADDER (574-576)	123	104	19	220	149	71	421	243	178\]
NEPHRITIS & NEPHROSIS (580-589)	188	151	37	506	337	169	1244	758	486
INFECTIONS OF THE KIDNEY (590)	20	0	20	49	0	49	126	8	118
DISEASES OF MALE GENITAL ORGANS (600-608)	6	6	-	16	16	-	63	63	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	0	-	0	0	-	0	3	-	3
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	5394	3005	2390	6079	3443	2636	7326	4152	3174
CERTAIN CAUSES IN EARLY INFANCY (760-779)	4932	2729	2203	4988	2674	2314	5748	3094	2654
SUDDEN INFANT DEATH SYNDROME (798.0)	4906	2518	2388	5351	2719	2632	6111	3109	3002
UNINTENTIONAL INJURIES (800-949)	28912	20165	8748	38335	26903	11432	49069	34307	14762
MOTOR VEHICLE-RELATED (810-825)	16357	10577	5780	21362	13872	7490	26818	17366	9452
SUICIDES (950-959)	12029	9846	2183	16461	13416	3045	21373	17411	3962
HOMICIDES (960-978)	5263	3583	1680	6769	4637	2132	8332	5704	2628
INJURIES OF UNDETERMINED MANNER (980-989)	2021	1313	708	2635	1724	911	3287	2164	1123

NOTE: A "0" indicates no deaths occurred before the base age while a "-" indicates no deaths of any kind.

TABLE 6-13.
MEDIAN AGE AT DEATH BY YEAR AND CAUSE, OREGON RESIDENTS,
1981-1995

YEAR	ALL CAUSES	HEART DISEASE	CANCER	CEREBROVASCULAR DISEASE	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	UNINTENTIONAL INJURY	PNEUMONIA AND INFLUENZA	ARTERIOSCLEROSIS
1981	73	76	69	81	73	34	84	84
1982	73	77	70	82	73	33	85	84
1983	74	77	70	81	73	35	84	86
1984	74	77	70	81	74	34	84	85
1985	75	78	71	81	74	36	85	86
1986	75	78	71	82	74	38	84	86
1987	75	78	71	82	74	37	84	85
1988	75	78	71	82	75	37	84	86
1989	76	79	72	81	75	41	85	86
1990	76	79	72	82	75	40	85	85
1991	76	79	72	82	75	40	83	86
1992	76	79	72	82	75	45	84	84
1993	77	80	72	82	76	43	85	84
1994	77	80	72	82	76	44	84	86
1995	77	80	73	83	76	42	84	84

YEAR	ALZHEIMER'S DISEASE AND DEMENTIA	SUICIDE	DIABETES	ALCOHOLISM	HOMICIDE ¹	EXTERNAL CAUSES OF UNDETERMINED MANNER	ACQUIRED IMMUNE DEFICIENCY SYNDROME	PARKINSON'S DISEASE
1981	75	41	74	59	28	31	-	80
1982	79	42	71	62	30	38	-	79
1983	80	43	73	60	32	34	34	79
1984	81	45	75	62	32	33	31	79
1985	82	43	73	62	35	35	34	79
1986	81	42	74	61	33	32	35	81
1987	83	43	72	60	32	30	35	79
1988	83	42	74	62	32	35	35	82
1989	83	42	74	61	35	34	39	81
1990	84	42	74	61	30	37	38	82
1991	84	42	75	61	30	38	38	81
1992	84	42	74	60	32	38	38	82
1993	85	43	75	59	32	33	38	83
1994	85	42	75	58	32	37	38	81
1995	85	41	75	56	32	38	40	82

¹ Includes legal intervention.

TABLE 6-14.
DEATHS DUE TO EXTERNAL CAUSES AND FATALITIES RESULTING
FROM INJURIES AT WORK, OREGON RESIDENTS, 1995

METHOD OF DEATH	TOTAL	UNINTENDED INJURIES	SUICIDE	HOMICIDE	LEGAL INTERVENTION	UNDETERMINED
TOTAL	2,045	1,293	526	154	4	68
FIREARMS	439	14	323	92	4	6
HANGING AND SUFFOCATION	113	25	78	8	-	2
DROWNING AND BOATING	90	75	12	-	-	3
INGESTION OF SUBSTANCE	279	164	82	1	-	32
CUTTING AND PIERCING	27	1	5	21	-	-
FALLS AND JUMPING	242	231	10	-	-	1
MOTOR VEHICLES	588	582	4	-	-	2
OTHER	267	201	12	32	-	22
ROW PERCENT	100.0	63.2	25.7	7.5	0.2	3.3
FIREARMS	100.0	3.2	73.6	21	0.9	1.4
HANGING AND SUFFOCATION	100.0	22.1	69	7.1	-	1.8
DROWNING AND BOATING	100.0	83.3	13.3	-	-	3.3
INGESTION OF SUBSTANCE	100.0	58.8	29.4	0.4	-	11.5
CUTTING AND PIERCING	100.0	3.7	18.5	77.8	-	-
FALLS AND JUMPING	100.0	95.5	4.1	-	-	0.4
MOTOR VEHICLES	100.0	99.0	0.7	-	-	0.3
OTHER	100.0	75.3	4.5	12.0	-	8.2
COLUMN PERCENT	100.0	100.0	100.0	100.0	100.0	100.0
FIREARMS	21.5	1.1	61.4	59.7	100.0	8.8
HANGING AND SUFFOCATION	5.5	1.9	14.8	5.2	-	2.9
DROWNING AND BOATING	4.4	5.8	2.3	-	-	4.4
INGESTION OF SUBSTANCE	13.6	12.7	15.6	0.6	-	47.1
CUTTING AND PIERCING	1.3	0.1	1	13.6	-	-
FALLS AND JUMPING	11.8	17.9	1.9	-	-	1.5
MOTOR VEHICLES	28.8	45	0.8	-	-	2.9
OTHER	13.1	15.5	2.3	20.8	-	32.4
FATALLY INJURED AT WORK						
YES	62	57	3	1	-	1
NO	1,876	1,143	514	149	4	66
NOT STATED	107	93	9	4	-	1
ROW PERCENT	100.0	63.2	25.7	7.5	0.2	3.3
YES	100.0	91.9	4.8	1.6	-	1.6
NO	100.0	60.9	27.4	7.9	0.2	3.5
NOT STATED	100.0	86.9	8.4	3.7	-	0.9
COLUMN PERCENT	100.0	100.0	100.0	100.0	100.0	100.0
YES	3.0	4.4	0.6	0.6	-	1.5
NO	91.7	88.4	97.7	96.8	100.0	97.1
NOT STATED	5.2	7.2	1.7	2.6	-	1.5

NOTE: Injuries due to the late effects of war are not shown but are included in the total.

TABLE 6-15.
UNINTENTIONAL INJURY DEATHS OCCURRING IN OREGON
BY TYPE OF INJURY AND AGE GROUPS, 1995

TYPE OF UNINTENTIONAL INJURY	TOTAL DEATHS	RATE ¹	AGE GROUPS						
			<1	1-4	5-14	15-24	25-44	45-64	65+
TOTAL	1,299	41.5	10	37	47	191	424	212	378
WORK ACCIDENTS	32	1.0	-	-	-	-	15	14	3
LOGGING	3	.1	-	-	-	-	2	1	-
AGRICULTURE	5	.2	-	-	-	-	3	1	1
CONSTRUCTION	13	.4	-	-	-	-	8	4	1
MANUFACTURING	6	.2	-	-	-	-	2	4	-
TRANSPORTATION	1	.0	-	-	-	-	-	1	-
TRADE	1	.0	-	-	-	-	-	1	-
SERVICE	3	.1	-	-	-	-	-	2	1
HOME ACCIDENTS	321	10.2	6	18	6	16	80	32	163
POISONING, SOLIDS, AND LIQUIDS	79	2.5	-	1	-	4	54	16	4
POISONING, GAS	6	.2	-	-	-	2	1	1	2
FALLS	140	4.5	-	-	-	-	6	8	126
FIRES	28	.9	1	4	2	1	3	5	12
DROWNING	16	.5	1	8	-	1	3	1	2
SUFFOCATION, INGESTION	4	.1	-	2	1	-	-	-	1
SUFFOCATION, MECHANICAL	12	.4	3	2	1	1	1	1	3
FIREARMS	12	.4	-	-	2	6	3	-	1
OTHER AND UNSPECIFIED	24	.8	1	1	-	1	9	-	12
MOTOR VEHICLE	594	19.0	2	16	29	138	213	107	89
INJURY TO PEDESTRIAN	84	2.7	-	5	11	8	29	12	19
INJURY TO PEDAL CYCLIST	9	.3	-	-	2	2	2	3	-
COLLISION WITH TRAIN	9	.3	-	-	-	3	4	2	-
COLLISION WITH OTHER MOTOR VEHICLE	241	7.7	1	6	7	55	74	45	53
COLLISION WITH FIXED OBJECT	70	2.3	-	-	2	21	31	13	3
NON-COLLISION (LOSS OF CONTROL)	170	5.4	1	4	6	48	71	27	13
OTHER AND UNSPECIFIED	11	.4	-	1	1	1	2	5	1
PUBLIC ACCIDENT	277	8.8	1	3	11	31	97	48	86
RAILWAY TRANSPORTATION	4	.1	-	-	-	-	2	-	2
OTHER ROAD VEHICLE TRANSPORTATION	9	.3	-	1	-	1	5	2	-
WATER TRANSPORTATION	21	.7	-	-	-	3	14	3	1
AIR TRANSPORTATION	17	.5	-	-	-	2	2	9	4
FALLS	66	2.1	-	-	-	4	9	2	51
FIRES	4	.1	-	-	-	1	1	1	1
DROWNING	40	1.3	-	2	7	12	12	6	1
FIREARMS	1	.0	-	-	1	-	-	-	-
OTHER AND UNSPECIFIED	115	3.7	1	-	3	8	52	25	26
UNCLASSIFIED	75	2.4	1	-	1	6	19	11	37

- Quantity is zero.

¹ Rates per 100,000.

NOTE: The classes listed above follow the National Safety Council classification system. Deaths from injuries that occurred at work and that involved transport vehicles (e.g., cars and airplanes) are included in the appropriate transportation category, not the occupational category. See table 6-14 for a tally of all deaths resulting from injuries received at work.

TABLE 6-16.
UNINTENTIONAL INJURY DEATHS BY TYPE OR SOURCE OF INJURY,
AGE GROUPS, AND SEX, OREGON RESIDENTS, 1995

TYPE OR SOURCE OF UNINTENTIONAL INJURY	TOTAL DEATHS	AGE AND SEX GROUPS																			
		< 1		1-4		5-14		15-24		25-34		35-44		45-54		55-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	1,293	7	4	15	17	29	19	125	64	144	33	180	58	93	41	57	16	51	35	127	178
TRANSPORTATION	639	2	1	7	8	16	13	87	57	91	22	75	37	51	26	30	11	20	19	33	33
MOTOR VEHICLE	582	2	1	7	7	16	13	82	54	85	21	62	32	41	25	26	10	16	19	31	32
AUTO OR TRUCK	448	2	1	5	5	9	6	65	49	69	17	46	25	29	21	19	8	13	11	21	27
MOTORCYCLE	25	-	-	-	-	-	-	7	-	4	-	7	2	4	1	-	-	-	-	-	-
PEDAL CYCLIST	10	-	-	-	-	2	-	2	-	1	-	1	1	1	1	-	-	-	-	-	-
PEDESTRIAN	80	-	-	2	2	5	6	4	3	9	4	8	3	5	2	5	1	3	5	9	4
OTHER	19	-	-	-	-	-	1	4	2	2	-	-	1	2	-	1	1	-	3	1	1
WATERCRAFT	22	-	-	-	-	-	-	3	2	4	1	6	2	2	-	1	-	1	-	-	-
AIRCRAFT	20	-	-	-	-	-	-	1	1	1	-	2	1	7	1	2	-	2	-	2	-
RAILWAY	6	-	-	-	-	-	-	-	-	1	-	2	-	-	-	1	-	1	-	-	1
OTHER ROAD VEHICLE	9	-	-	-	1	-	-	1	-	-	-	3	2	1	-	-	1	-	-	-	-
POISONING	163	-	-	1	-	-	-	4	3	29	8	62	12	22	9	3	1	2	4	1	2
GAS	10	-	-	-	-	-	-	2	-	2	-	2	1	1	-	-	-	1	1	-	-
DRUGS AND MEDICINES	151	-	-	1	-	-	-	1	3	26	8	60	11	21	9	3	1	1	3	1	2
OTHER SOLIDS AND LIQUIDS	2	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
SUFFOCATION OR OBSTRUCTION	25	2	1	-	3	1	1	2	-	-	-	3	-	1	1	1	-	-	1	1	7
INHALATION OF FOOD	5	-	1	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1
INHALATION OF OTHER MATERIAL	5	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3
MECHANICAL SUFFOCATION	15	2	-	-	2	-	1	2	-	-	-	3	-	1	-	-	-	-	1	-	3
MISCELLANEOUS	466	3	2	7	6	12	5	32	4	24	3	40	9	19	5	23	4	29	11	92	136
FALLS	231	1	-	-	-	-	-	2	1	6	1	7	2	4	2	8	1	16	7	59	114
FIRES	32	-	1	3	1	1	1	2	-	1	-	2	1	2	-	3	1	3	2	3	5
DROWNING	56	2	-	4	4	6	2	12	2	7	-	5	2	3	1	3	-	-	-	1	2
STRUCK BY OBJECT	20	-	-	-	-	1	-	2	-	3	-	5	-	3	-	3	-	2	-	1	-
MACHINERY	21	-	-	-	-	-	1	-	-	3	-	7	1	2	-	1	-	2	-	4	-
FIREARMS	14	-	-	-	-	3	1	6	-	1	-	2	-	-	-	-	-	1	-	-	-
ELECTRIC CURRENT	8	-	-	-	-	-	-	-	-	1	1	4	-	-	-	1	-	-	-	1	-
OTHER AND UNSPECIFIED	29	-	1	-	1	-	-	3	1	1	-	2	1	2	1	1	-	2	-	9	4
COMPLICATIONS OF MEDICAL PROCEDURES	28	-	-	-	-	-	-	-	-	-	-	2	2	-	-	2	2	1	2	10	7
LATE EFFECTS OF ACCIDENTS	27	-	-	-	-	1	-	5	-	1	1	4	-	3	1	1	-	2	-	4	4

**TABLE 6-17.
DEATHS FROM SUICIDE, HOMICIDE, LEGAL INTERVENTION, AND EXTERNAL CAUSES UNDETERMINED
WHETHER UNINTENTIONALLY OR PURPOSELY INFLICTED, BY AGE, SEX, AND METHOD, OREGON RESIDENTS,
1995**

METHOD OF DEATH	TOTAL DEATHS	AGE AND SEX GROUPS																	
		TOTAL		< 15		15-24		25-34		35-44		45-54		55-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
SUICIDE	526	431	95	3	2	73	12	78	19	92	23	68	16	23	8	38	10	56	5
ALL POISONING	82	53	29	-	-	7	3	7	7	17	7	11	7	3	-	4	3	4	2
MEDICATIONS	44	21	23	-	-	1	3	3	7	7	5	6	6	1	-	2	1	1	1
AUTO EXHAUST	32	27	5	-	-	5	-	3	-	10	2	2	1	2	-	2	1	3	1
OTHER GAS	2	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
OTHER	4	3	1	-	-	1	-	1	-	-	-	1	-	-	-	-	1	-	-
HANGING	69	61	8	-	1	14	1	16	2	20	2	8	1	-	1	2	-	1	-
SUFFOCATION BY PLASTIC BAG	4	3	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	1
OTHER SUFFOCATION	5	5	-	1	-	-	-	1	-	3	-	-	-	-	-	-	-	-	-
DROWNING	12	10	2	-	-	2	1	2	-	2	-	2	1	2	-	-	-	-	-
ALL FIREARMS	323	278	45	1	1	46	7	50	8	44	8	40	7	17	6	32	6	48	2
HANDGUNS	183	149	34	-	1	23	4	26	7	20	7	23	5	12	5	20	3	25	2
SHOTGUNS	61	58	3	-	-	14	-	9	1	5	-	7	-	4	1	6	1	13	-
RIFLES	77	69	8	-	-	9	3	15	-	19	1	9	2	1	-	6	2	10	-
OTHER AND UNSPECIFIED	2	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
CUTTING AND PIERCING	5	5	-	1	-	-	-	-	-	1	-	2	-	-	-	-	-	1	-
JUMPING FROM HIGH PLACES	10	8	2	-	-	2	-	1	-	3	1	1	-	1	-	-	1	-	-
OTHER	16	8	8	-	-	2	-	1	2	1	5	4	-	-	1	-	-	-	-
HOMICIDE	154	104	50	4	7	34	11	27	11	22	10	12	5	2	2	1	2	2	2
STRANGULATION AND HANGING	8	-	8	-	-	-	3	-	2	-	-	-	-	-	1	-	1	-	1
ALL FIREARMS	92	66	26	1	5	25	6	17	5	12	7	9	2	1	-	1	1	-	-
HANDGUNS	48	35	13	-	1	14	4	10	4	5	2	6	2	-	-	-	-	-	-
SHOTGUNS	7	2	5	-	3	-	-	1	-	1	2	-	-	-	-	-	-	-	-
RIFLES	13	8	5	-	-	1	1	2	-	3	3	2	-	-	-	-	1	-	-
OTHER AND UNSPECIFIED	24	21	3	1	1	10	1	4	1	3	-	1	-	1	-	1	-	-	-
CUTTING AND PIERCING	21	16	5	1	-	5	1	7	2	3	1	-	-	-	-	-	-	-	1
CHILD BATTERING & NEGLECT	3	1	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER	31	21	10	1	1	4	1	3	2	7	2	3	3	1	1	-	-	2	-
LEGAL INTERVENTION	4	4	-	-	-	1	-	1	-	1	-	1	-	-	-	-	-	-	-
FIREARMS	4	4	-	-	-	1	-	1	-	1	-	1	-	-	-	-	-	-	-
UNDETERMINED MANNER¹	68	45	23	4	5	6	-	7	5	17	6	6	3	2	2	1	-	2	2
ALL POISONING	32	18	14	1	-	-	-	2	5	8	4	4	3	1	2	1	-	1	-
MEDICATIONS	29	15	14	-	-	-	-	2	5	8	4	3	3	1	2	-	-	1	-
OTHER GAS	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
OTHER	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
DROWNING	3	2	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-
FIREARMS	6	6	-	-	-	5	-	-	-	1	-	-	-	-	-	-	-	-	-
OTHER	27	19	8	3	4	1	-	5	-	8	2	1	-	1	-	-	-	-	2

¹ Undetermined whether unintentionally or purposefully inflicted.

TABLE 6-18.
TOBACCO-RELATED DEATHS BY SEX, AGE, AND EDUCATION,
OREGON RESIDENTS, 1995

SEX, AGE, AND EDUCATION	TOTAL DEATHS	LINKED TO TOBACCO USE ¹		NOT LINKED TO TOBACCO USE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
SEX AND AGE							
BOTH SEXES	28,190	6,274	22.3	15,245	54.1	6,671	23.7
< 1 ²	262	-	-	217	82.8	45	17.2
1-24	556	-	-	515	92.6	41	7.4
25-34	543	15	2.8	453	83.4	75	13.8
35-44	1,129	104	9.2	828	73.3	197	17.4
45-54	1,602	389	24.3	870	54.3	343	21.4
55-64	2,525	893	35.4	1,048	41.5	584	23.1
65-74	5,642	2,036	36.1	2,228	39.5	1,378	24.4
75-84	8,579	2,169	25.3	4,281	49.9	2,129	24.8
85-94	6,180	642	10.4	3,937	63.7	1,601	25.9
95+	1,172	26	2.2	868	74.1	278	23.7
MALES	14,274	3,812	26.7	6,903	48.4	3,559	24.9
< 1 ²	137	-	-	120	87.6	17	12.4
1-24	367	-	-	345	94.0	22	6.0
25-34	404	9	2.2	335	82.9	60	14.9
35-44	788	72	9.1	577	73.2	139	17.6
45-54	1,000	252	25.2	517	51.7	231	23.1
55-64	1,481	552	37.3	559	37.7	370	25.0
65-74	3,164	1,236	39.1	1,102	34.8	826	26.1
75-84	4,356	1,291	29.6	1,920	44.1	1,145	26.3
85-94	2,316	386	16.7	1,254	54.1	676	29.2
95+	261	14	5.4	174	66.7	73	28.0
FEMALES	13,916	2,462	17.7	8,342	59.9	3,112	22.4
< 1 ²	125	-	-	97	77.6	28	22.4
1-24	189	-	-	170	89.9	19	10.1
25-34	139	6	4.3	118	84.9	15	10.8
35-44	341	32	9.4	251	73.6	58	17.0
45-54	602	137	22.8	353	58.6	112	18.6
55-64	1,044	341	32.7	489	46.8	214	20.5
65-74	2,478	800	32.3	1,126	45.4	552	22.3
75-84	4,223	878	20.8	2,361	55.9	984	23.3
85-94	3,864	256	6.6	2,683	69.4	925	23.9
95+	911	12	1.3	694	76.2	205	22.5
YEARS OF EDUCATION							
<9	5,231	1,043	19.9	2,834	54.2	1,354	25.9
9-11	3,285	859	26.1	1,656	50.4	770	23.4
12	10,835	2,632	24.3	5,664	52.3	2,539	23.4
13-15	4,532	961	21.2	2,580	56.9	991	21.9
16	2,081	367	17.6	1,244	59.8	470	22.6
17+	1,310	206	15.7	845	64.5	259	19.8
NOT STATED	916	206	22.5	422	46.1	288	31.4

1 The Oregon Death Certificate asks 'Did tobacco use contribute to the death?' Followed by four check boxes: 'Yes,' 'No,' 'Probably,' and 'Unknown.' This category includes deaths listed as 'Yes' or 'Probably.'

2 The number of infant deaths due to exposure to tobacco combustion products is underreported. Based on a multiple logistic regression model that included 20 health and demographic variables, an estimated 6.2 percent (16) of infant deaths were attributable to maternal smoking during pregnancy.

TABLE 6-19. TOBACCO-RELATED DEATHS BY CAUSE OF DEATH, OREGON RESIDENTS, 1995

SELECTED CAUSES OF DEATH	TOTAL DEATHS	LINKED TO TOBACCO USE ¹		NOT LINKED TO TOBACCO USE		UNKNOWN	
		NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	28190	6274	22.3	15245	54.1	6671	23.7
TUBERCULOSIS (010-018, 137)	26	7	26.9	13	50.0	6	23.1
SEPTICEMIA (038)	90	13	14.4	48	53.3	29	32.2
AIDS (042-044)	333	13	3.9	277	83.2	43	12.9
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	141	15	10.6	100	70.9	26	18.4
MALIGNANT NEOPLASMS (140-208)	6824	2039	29.9	3458	50.7	1327	19.4
BUCCAL CAVITY & PHARYNX (140-149)	93	49	52.7	25	26.9	19	20.4
DIGESTIVE ORGANS & PERITONEUM (150-159)	1543	169	11.0	1031	66.8	343	22.2
LARGE INTESTINE (153)	607	38	6.3	443	73.0	126	20.8
PANCREAS (157)	363	35	9.6	239	65.8	89	24.5
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	2021	1593	78.8	174	8.6	254	12.6
BRONCHUS AND LUNG (162.2-162.9)	1957	1558	79.6	154	7.9	245	12.5
MALIGNANT MELANOMA (172)	105	4	3.8	81	77.1	20	19.0
OTHER SKIN (173)	25	6	24.0	10	40.0	9	36.0
BREAST (174-175)	535	25	4.7	430	80.4	80	15.0
GENITAL ORGANS (179-187)	810	29	3.6	577	71.2	204	25.2
CERVIX & UTERUS (179-182)	127	4	3.1	90	70.9	33	26.0
OVARY (183.0)	173	4	2.3	141	81.5	28	16.2
PROSTATE (185)	481	19	4.0	325	67.6	137	28.5
URINARY ORGANS (188-189)	321	58	18.1	175	54.5	88	27.4
LEUKEMIA (204-208)	273	13	4.8	197	72.2	63	23.1
BENIGN NEOPLASMS (210-229)	28	-	-	21	75.0	7	25.0
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	58	7	12.1	35	60.3	16	27.6
DIABETES MELLITUS (250)	705	112	15.9	393	55.7	200	28.4
ALZHEIMER'S DEMENTIA (290.1)	289	13	4.5	208	72.0	68	23.5
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	112	23	20.5	51	45.5	38	33.9
DRUG DEPENDENCE (304)	21	-	-	20	95.2	1	4.8
ALZHEIMER'S DISEASE (331.0)	399	6	1.5	299	74.9	94	23.6
PARKINSON'S DISEASE (332)	232	4	1.7	173	74.6	55	23.7
EPILEPSY (345)	29	1	3.4	20	69.0	8	27.6
MAJOR CARDIOVASCULAR DISEASES (390-448)	10898	2306	21.2	5454	50.0	3138	28.8
DISEASES OF THE HEART (390-398, 402, 404-429)	7542	1743	23.1	3606	47.8	2193	29.1
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	102	10	9.8	70	68.6	22	21.6
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	210	33	15.7	124	59.0	53	25.2
ISCHEMIC HEART DISEASE (410-414)	5126	1393	27.2	2237	43.6	1496	29.2
MYOCARDIAL INFARCTION (410)	2010	568	28.3	847	42.1	595	29.6
CHRONIC ISCHEMIC HEART DISEASE (412-414)	3109	823	26.5	1388	44.6	898	28.9
ALL OTHER FORMS (415-429)	2104	307	14.6	1175	55.8	622	29.6
HYPERTENSION (401, 403)	193	35	18.1	114	59.1	44	22.8
CEREBROVASCULAR DISEASE (430-438)	2483	327	13.2	1452	58.5	704	28.4
SUBARACHNOID HEMORRHAGE (430)	92	13	14.1	49	53.3	30	32.6
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	285	35	12.3	160	56.1	90	31.6
CEREBRAL THROMBOSIS & EMBOLISM (434)	264	38	14.4	181	68.6	45	17.0
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	1471	205	13.9	844	57.4	422	28.7
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	178	17	9.6	103	57.9	58	32.6
ARTERIOSCLEROSIS (440)	298	75	25.2	150	50.3	73	24.5
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	382	126	33.0	132	34.6	124	32.5
PNEUMONIA (480-486)	893	135	15.1	508	56.9	250	28.0
INFLUENZA (487)	6	1	16.7	3	50.0	2	33.3
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	1460	1180	80.8	123	8.4	157	10.8
CHRONIC AND UNSPECIFIED BRONCHITIS (490-491)	55	39	70.9	11	20.0	5	9.1
EMPHYSEMA (492)	310	277	89.4	10	3.2	23	7.4
ASTHMA (493)	86	22	25.6	42	48.8	22	25.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE (496)	991	835	84.3	51	5.1	105	10.6
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	68	18	26.5	32	47.1	18	26.5
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	81	11	13.6	54	66.7	16	19.8
CIRRHOSIS OF THE LIVER (571)	301	38	12.6	194	64.5	69	22.9
ALCOHOLIC CIRRHOSIS (571.0-571.3)	233	34	14.6	144	61.8	55	23.6
DISEASES OF THE GALLBLADDER (574-576)	48	-	-	40	83.3	8	16.7
DISEASES OF THE PANCREAS (577)	29	3	10.3	19	65.5	7	24.1
NEPHRITIS & NEPHROSIS (580-589)	137	25	18.2	73	53.3	39	28.5
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	146	4	2.7	115	78.8	27	18.5
PERINATAL CONDITIONS (760-779)	76	-	-	65	85.5	11	14.5
UNINTENTIONAL INJURIES (800-949)	1293	39	3.0	1081	83.6	173	13.4
MOTOR VEHICLE-RELATED (810-825)	582	3	0.5	508	87.3	71	12.2
SUICIDES (950-959)	526	6	1.1	490	93.2	30	5.7
HOMICIDES (960-978)	158	-	-	152	96.2	6	3.8
INJURIES OF UNDETERMINED MANNER (980-989)	68	1	1.5	53	77.9	14	20.6

¹ The Oregon death certificate asks, "Did tobacco use contribute to the death?" followed by four check boxes: "Yes," "No," "Probably," and "Unknown." This category includes deaths listed as "Yes" or "Probably."

TABLE 6-20.
TOBACCO-RELATED DEATHS BY COUNTY OF RESIDENCE, OREGON, 1995

COUNTY OF RESIDENCE	TOTAL DEATHS	LINKED TO TOBACCO USE ¹		NOT LINKED TO TOBACCO USE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	28,190	6,274	22.3	15,245	54.1	6,671	23.7
BAKER	172	28	16.3	85	49.4	59	34.3
BENTON	435	102	23.4	269	61.8	64	14.7
CLACKAMAS	2,440	456	18.7	1,363	55.9	621	25.5
CLATSOP	415	96	23.1	227	54.7	92	22.2
COLUMBIA	383	86	22.5	222	58.0	75	19.6
COOS	717	222	31.0	297	41.4	198	27.6
CROOK	186	46	24.7	102	54.8	38	20.4
CURRY	280	60	21.4	109	38.9	111	39.6
DESCHUTES	728	144	19.8	376	51.6	208	28.6
DOUGLAS	1,089	255	23.4	446	41.0	388	35.6
GILLIAM	24	6	25.0	13	54.2	5	20.8
GRANT	69	13	18.8	45	65.2	11	15.9
HARNEY	81	33	40.7	23	28.4	25	30.9
HOOD RIVER	155	30	19.4	90	58.1	35	22.6
JACKSON	1,715	400	23.3	805	46.9	510	29.7
JEFFERSON	140	28	20.0	86	61.4	26	18.6
JOSEPHINE	933	220	23.6	460	49.3	253	27.1
KLAMATH	626	165	26.4	288	46.0	173	27.6
LAKE	86	20	23.3	42	48.8	24	27.9
LANE	2,611	607	23.2	1,334	51.1	670	25.7
LINCOLN	512	132	25.8	263	51.4	117	22.9
LINN	967	249	25.7	520	53.8	198	20.5
MALHEUR	263	35	13.3	92	35.0	136	51.7
MARION	2,344	568	24.2	1,423	60.7	353	15.1
MORROW	84	33	39.3	31	36.9	20	23.8
MULTNOMAH	5,764	1,128	19.6	3,285	57.0	1,351	23.4
POLK	499	107	21.4	327	65.5	65	13.0
SHERMAN	17	4	23.5	9	52.9	4	23.5
TILLAMOOK	274	87	31.8	129	47.1	58	21.2
UMATILLA	576	159	27.6	271	47.0	146	25.3
UNION	225	51	22.7	122	54.2	52	23.1
WALLOWA	92	20	21.7	55	59.8	17	18.5
WASCO	285	82	28.8	143	50.2	60	21.1
WASHINGTON	2,365	455	19.2	1,509	63.8	401	17.0
WHEELER	17	1	5.9	10	58.8	6	35.3
YAMHILL	621	146	23.5	374	60.2	101	16.3

¹ The Oregon death certificate asks, "Did tobacco use contribute to the death?" followed by four check boxes: "Yes," "No," "Probably," and "Unknown." This category includes deaths listed as "Yes" or "Probably."

TABLE 6-21.
DEATHS DUE TO ALCOHOL OR DRUGS BY SEX, AGE, RACE/ETHNICITY AND EDUCATIONAL
ATTAINMENT, OREGON RESIDENTS, 1995

SEX, AGE, RACE/ETHNICITY, AND EDUCATION	TOTAL		ALCOHOLIC DEPENDENCE SYNDROME		CHRONIC ALCOHOLIC LIVER DISEASE		OTHER ALCOHOLIC DISORDERS ¹		DRUG PSYCHOSIS, ABUSE AND DEPENDENCE ²		UNINTENDED INJURIES		SUICIDES		UNDETERMINED MANNER	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
TOTAL	613	100	103	100	233	100	26	100	26	100	152	100	44	100	29	100
SEX																
MALE	433	71	74	72	165	71	23	88	20	77	115	76	21	48	15	52
FEMALE	180	29	29	28	68	29	3	12	6	23	37	24	23	52	14	48
AGE																
0-4	1	0	-	-	-	-	-	-	-	-	1	1	-	-	-	-
5-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-24	9	1	-	-	-	-	1	4	-	-	4	3	4	9	-	-
25-34	65	11	4	4	5	2	-	-	4	15	35	23	10	23	7	24
35-44	185	30	25	24	46	20	3	12	16	62	71	47	12	27	12	41
45-54	139	23	25	24	59	25	2	8	5	19	30	20	12	27	6	21
55-64	88	14	13	13	59	25	8	31	-	-	4	3	1	2	3	10
65-74	86	14	29	28	43	18	6	23	1	4	4	3	3	7	-	-
75-84	31	5	7	7	18	8	4	15	-	-	-	-	1	2	1	3
85+	9	1	-	-	3	1	2	8	-	-	3	2	1	2	-	-
RACE/ETHNICITY																
WHITE	568	93	101	98	219	94	26	100	22	85	137	90	38	86	25	86
AFRICAN AMERICAN	21	3	-	-	5	2	-	-	4	15	9	6	1	2	2	7
INDIAN	17	3	2	2	7	3	-	-	-	-	5	3	1	2	2	7
CHINESE & JAPANESE	2	0	-	-	-	-	-	-	-	-	-	-	2	5	-	-
OTHER ASIAN & PACIFIC																
ISLANDERS	3	0	-	-	2	1	-	-	-	-	-	-	1	2	-	-
OTHER & NOT STATED	2	0	-	-	-	-	-	-	-	-	1	1	1	2	-	-
HISPANIC ³	29	5	3	3	13	6	-	-	-	-	13	9	-	-	-	-
YEARS OF EDUCATION																
<9	49	8	7	7	21	9	3	12	2	8	12	8	3	7	1	3
9-11	88	14	21	20	24	10	2	8	4	15	25	16	5	11	7	24
12	287	47	51	50	104	45	10	38	15	58	74	49	16	36	17	59
13-15	100	16	12	12	42	18	4	15	4	15	22	14	13	30	3	10
16	35	6	5	5	19	8	3	12	-	-	7	5	1	2	-	-
17+	26	4	2	2	13	6	1	4	-	-	5	3	5	11	-	-
NOT STATED	28	5	5	5	10	4	3	12	1	4	7	5	1	2	1	3

¹ Includes alcoholic gastritis, alcoholic polyneuropathy, alcoholic cardiomyopathy, and alcoholic psychosis.

² Excludes tobacco dependence.

³ Hispanics may be of any race.

NOTE: Drug overdoses are included in "drug psychosis, abuse and dependence" if the decedent was reported to be a chronic drug abuser and in "unintended injuries" if not so indicated.

- Quantity is zero.

TABLE 6-22.
DEATHS DUE TO ALCOHOL OR DRUGS BY COUNTY OF RESIDENCE, OREGON, 1995

COUNTY OF RESIDENCE	TOTAL		ALCOHOLIC DEPENDENCE SYNDROME		CHRONIC ALCOHOLIC LIVER DISEASE		OTHER ALCOHOLIC DISORDERS ¹		DRUG PSYCHOSIS, ABUSE AND DEPENDENCE ²		UNINTENDED INJURIES		SUICIDES		UNDETERMINED MANNER	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
TOTAL	613	100	103	100	233	100	26	100	26	100	152	100	44	100	29	100
BAKER	4	1	1	1	2	1	1	4	-	-	-	-	-	-	-	-
BENTON	8	1	3	3	3	1	-	-	-	-	1	1	1	2	-	-
CLACKAMAS	42	7	9	9	13	6	1	4	3	12	13	9	2	5	1	3
CLATSOP	7	1	-	-	2	1	-	-	2	8	2	1	1	2	-	-
COLUMBIA	10	2	2	2	4	2	-	-	-	-	2	1	1	2	1	3
COOS	18	3	3	3	8	3	1	4	-	-	-	-	-	-	6	21
CROOK	4	1	-	-	3	1	-	-	-	-	1	1	-	-	-	-
CURRY	6	1	1	1	3	1	1	4	1	4	-	-	-	-	-	-
DESCHUTES	11	2	2	2	7	3	-	-	-	-	1	1	1	2	-	-
DOUGLAS	18	3	10	10	4	2	-	-	1	4	1	1	2	5	-	-
GILLIAM	1	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-
GRANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARNEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOODRIVER	6	1	-	-	2	1	-	-	-	-	2	1	1	2	1	3
JACKSON	31	5	4	4	12	5	2	8	1	4	6	4	3	7	3	10
JEFFERSON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOSEPHINE	25	4	5	5	8	3	2	8	1	4	5	3	3	7	1	3
KLAMATH	13	2	5	5	4	2	1	4	-	-	2	1	1	2	-	-
LAKE	1	0	-	-	1	0	-	-	-	-	-	-	-	-	-	-
LANE	58	9	9	9	25	11	3	12	1	4	15	10	3	7	2	7
LINCOLN	12	2	2	2	7	3	1	4	-	-	1	1	1	2	-	-
LINN	15	2	1	1	5	2	-	-	-	-	5	3	3	7	1	3
MALHEUR	1	0	-	-	1	0	-	-	-	-	-	-	-	-	-	-
MARION	48	8	11	11	15	6	2	8	2	8	14	9	4	9	-	-
MORROW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MULTNOMAH	186	30	20	19	62	27	5	19	11	42	68	45	9	20	11	38
POLK	5	1	1	1	2	1	-	-	-	-	1	1	1	2	-	-
SHERMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TILLAMOOK	7	1	3	3	1	0	2	8	-	-	1	1	-	-	-	-
UMATILLA	10	2	2	2	8	3	-	-	-	-	-	-	-	-	-	-
UNION	5	1	2	2	3	1	-	-	-	-	-	-	-	-	-	-
WALLOWA	2	0	-	-	2	1	-	-	-	-	-	-	-	-	-	-
WASCO	4	1	-	-	3	1	-	-	-	-	-	-	1	2	-	-
WASHINGTON	47	8	6	6	19	8	2	8	2	8	10	7	6	14	2	7
WHEELER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YAMHILL	8	1	-	-	4	2	2	8	1	4	1	1	-	-	-	-

¹Includes alcoholic gastritis, alcoholic polyneuropathy, alcoholic cardiomyopathy, and alcoholic psychosis.

²Excludes tobacco dependence.

NOTE: Drug overdoses are included in "drug psychosis, abuse and dependence" if the decedent was reported to be a chronic drug abuser and in "unintended injuries" if not so indicated.

- Quantity is zero.

TABLE 6-23.
LEADING CAUSES OF DEATH BY COUNTY OF RESIDENCE, OREGON, 1995

COUNTY OF RESIDENCE	TOTAL	DISEASES OF THE HEART	MALIGNANT NEOPLASMS	CEREBROVASCULAR DISEASE	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	UNINTENDED INJURIES	INFLUENZA AND PNEUMONIA	DIABETES MELLITUS	ALZHEIMER'S DISEASE	SUICIDE	OTHER DISEASES OF THE ARTERIES
TOTAL	28,190	7,529	6,824	2,483	1,460	1,293	899	705	688	526	382
RATE ¹	900.1	240.4	217.9	79.3	46.6	41.3	28.7	22.5	22.0	16.8	12.2
BAKER	172	61	32	13	10	6	4	1	3	4	-
BENTON	435	122	105	45	14	14	12	14	13	8	11
CLACKAMAS	2,440	662	585	202	113	124	102	57	68	46	34
CLATSOP	415	128	117	26	22	13	14	8	8	11	4
COLUMBIA	383	115	94	32	19	17	14	7	10	6	3
COOS	717	210	170	60	33	29	11	28	23	6	6
CROOK	186	64	50	6	9	9	3	3	6	5	-
CURRY	280	77	87	17	15	9	8	5	9	6	4
DESCHUTES	728	195	196	57	34	41	18	10	12	17	13
DOUGLAS	1,089	313	261	76	66	58	40	32	29	21	15
GILLIAM	24	7	4	4	1	-	-	3	1	-	-
GRANT	69	18	16	7	5	5	3	3	-	2	1
HARNEY	81	29	18	5	9	3	-	1	2	1	-
HOOD RIVER	155	43	38	11	12	6	8	7	1	2	-
JACKSON	1,715	456	440	172	81	68	53	38	41	34	26
JEFFERSON	140	36	25	16	10	10	4	4	1	4	3
JOSEPHINE	933	267	210	73	57	37	21	12	26	29	18
KLAMATH	626	132	138	46	44	27	18	31	19	16	8
LAKE	86	33	22	11	2	4	1	2	-	1	1
LANE	2,611	680	628	217	153	110	73	74	64	56	36
LINCOLN	512	122	130	48	33	31	16	13	4	5	7
LINN	967	266	255	67	53	51	39	23	26	16	20
MALHEUR	263	72	62	25	20	21	7	5	4	2	2
MARION	2,344	626	583	252	111	119	71	48	45	41	26
MORROW	84	25	18	5	4	7	3	6	1	2	4
MULTNOMAH	5,764	1,446	1,294	531	288	262	211	137	130	98	66
POLK	499	133	144	54	19	18	10	13	18	8	10
SHERMAN	17	5	4	2	1	-	-	-	-	1	1
TILLAMOOK	274	83	69	19	18	15	7	7	9	3	7
UMATILLA	576	151	131	39	39	32	22	18	6	11	7
UNION	225	64	57	19	13	6	6	4	6	4	6
WALLOWA	92	25	19	8	2	8	3	2	5	2	1
WASCO	285	85	75	21	23	9	9	11	6	7	4
WASHINGTON	2,365	598	586	237	99	104	72	53	64	39	30
WHEELER	17	5	2	2	3	-	-	-	-	-	1
YAMHILL	621	175	159	58	25	20	16	25	28	12	7

- Quantity is zero.

¹ Rates per 100,000 population.

TABLE 6-23.
LEADING CAUSES OF DEATH BY COUNTY OF RESIDENCE,
OREGON, 1995 (CONTINUED)

COUNTY OF RESIDENCE	ALCOHOLISM, ALCOHOLIC CIRRHOSIS, & ALCOHOLIC PSYCHOSIS ²	ACQUIRED IMMUNE DEFICIENCY SYNDROME	ARTERIOSCLEROSIS	PARKINSONISM	HYPERTENSION WITH OR WITHOUT RENAL DISEASE	HOMICIDE AND LEGAL INTERVENTION	CONGENITAL ANOMALIES	NEPHRITIS AND NEPHROSIS	SEPTICEMIA	HERNIA & INTESTINAL OBSTRUCTION	PERINATAL CONDITIONS	ALL OTHER CAUSES
TOTAL	358	333	298	232	193	158	146	137	90	81	76	3,301
RATE¹	11.4	10.6	9.5	7.4	6.2	5	4.7	4.4	2.9	2.6	2.4	105.4
BAKER	3	-	-	1	1	2	2	-	-	1	1	27
BENTON	6	1	2	2	3	2	3	2	1	2	1	52
CLACKAMAS	23	20	26	29	14	3	21	6	6	8	7	284
CLATSOP	2	4	5	-	3	1	1	2	2	1	5	38
COLUMBIA	6	2	3	2	2	2	-	3	-	1	1	44
COOS	11	5	4	2	5	1	1	5	4	4	-	99
CROOK	3	-	13	-	1	-	-	-	1	-	-	13
CURRY	5	3	2	2	1	-	1	1	2	3	-	23
DESCHUTES	9	2	9	5	2	1	5	4	3	2	1	92
DOUGLAS	14	10	11	7	5	3	4	4	6	3	2	109
GILLIAM	1	-	-	-	1	-	-	-	-	-	-	2
GRANT	-	-	-	-	-	-	1	1	-	3	-	4
HARNEY	-	-	-	1	-	-	1	1	-	-	-	10
HOOD RIVER	2	-	2	-	2	2	1	-	3	-	2	13
JACKSON	18	16	14	16	13	12	6	4	5	6	1	195
JEFFERSON	-	1	1	-	1	1	-	2	-	1	1	19
JOSEPHINE	15	4	11	12	9	7	4	4	2	2	2	111
KLAMATH	10	3	2	6	11	7	5	5	2	-	1	95
LAKE	1	-	-	-	-	-	1	-	-	-	-	7
LANE	37	26	29	21	16	19	14	9	11	5	6	327
LINCOLN	9	6	4	5	3	4	-	4	2	2	1	63
LINN	6	4	9	9	4	3	4	7	5	4	6	90
MALHEUR	1	1	3	1	2	-	2	1	2	-	-	30
MARION	28	16	15	17	21	22	17	17	8	6	7	248
MORROW	-	-	1	-	-	1	1	-	-	-	-	6
MULTNOMAH	86	169	49	48	49	44	21	32	16	12	18	757
POLK	3	4	5	3	2	4	2	1	-	-	-	48
SHERMAN	-	-	-	-	-	-	-	-	-	1	-	2
TILLAMOOK	6	2	1	1	2	-	-	-	-	-	1	24
UMATILLA	10	2	12	4	5	2	4	2	1	1	3	74
UNION	5	1	-	1	2	1	-	-	1	2	1	26
WALLOWA	2	-	1	-	-	-	-	2	1	-	-	11
WASCO	3	1	1	3	1	1	1	-	1	1	-	22
WASHINGTON	27	27	56	27	11	11	20	12	3	8	8	273
WHEELER	-	-	-	-	-	-	-	-	-	-	-	4
YAMHILL	6	3	7	7	1	2	3	6	2	2	-	57

¹ Rates per 100,000 population.

² Also includes alcoholic gastritis, alcoholic polyneuropathy, alcoholic cardiomyopathy, and alcoholic liver disease.

- Quantity is zero.

TABLE 6-24.
DEATHS BY AGE, SEX, AND COUNTY OF RESIDENCE, OREGON, 1995

COUNTY OF RESIDENCE	TOTAL	TOTAL		< 1		1-4		5-14		15-24	
		M	F	M	F	M	F	M	F	M	F
TOTAL	28,190	14,274	13,916	137	125	38	32	53	44	276	113
BAKER	172	95	77	3	1	-	-	-	-	1	-
BENTON	435	190	245	3	4	-	-	-	-	4	1
CLACKAMAS	2,440	1,195	1,245	19	12	9	3	6	3	21	16
CLATSOP	415	211	204	3	4	-	1	-	-	4	2
COLUMBIA	383	202	181	2	1	-	2	-	1	4	1
COOS	717	378	339	-	2	-	-	-	3	6	4
CROOK	186	98	88	-	1	-	-	-	-	4	1
CURRY	280	157	123	1	1	1	-	1	1	3	2
DESCHUTES	728	369	359	5	3	2	-	2	3	4	5
DOUGLAS	1,089	606	483	2	2	1	2	2	2	12	3
GILLIAM	24	14	10	-	-	-	-	-	-	-	-
GRANT	69	33	36	-	1	-	-	-	-	2	-
HARNEY	81	42	39	1	-	-	-	-	-	1	1
HOOD RIVER	155	76	79	-	2	1	-	1	-	-	1
JACKSON	1,715	867	848	8	5	2	2	2	1	6	2
JEFFERSON	140	73	67	-	4	2	1	-	2	3	1
JOSEPHINE	933	475	458	-	3	1	1	-	3	3	5
KLAMATH	626	344	282	2	5	1	-	4	-	10	3
LAKE	86	47	39	-	1	-	-	-	-	1	-
LANE	2,611	1,314	1,297	11	6	1	1	3	2	27	8
LINCOLN	512	303	209	1	-	1	-	-	1	3	3
LINN	967	467	500	5	6	2	-	4	4	7	6
MALHEUR	263	127	136	1	4	-	-	-	-	-	2
MARION	2,344	1,175	1,169	16	14	1	6	7	6	29	7
MORROW	84	48	36	1	-	-	1	1	-	1	1
MULTNOMAH	5,764	2,862	2,902	33	21	5	4	7	5	65	20
POLK	499	260	239	-	1	-	1	-	-	6	2
SHERMAN	17	10	7	-	-	-	-	-	-	-	-
TILLAMOOK	274	157	117	2	1	-	-	-	-	3	-
UMATILLA	576	309	267	5	1	-	1	2	1	10	3
UNION	225	111	114	1	-	1	-	1	-	2	1
WALLOWA	92	53	39	-	-	-	-	1	1	1	2
WASCO	285	152	133	-	2	-	1	2	1	-	1
WASHINGTON	2,365	1,107	1,258	10	15	7	4	6	3	26	7
WHEELER	17	8	9	-	-	-	-	-	-	-	-
YAMHILL	621	339	282	2	2	-	1	1	1	7	2

- Quantity is zero.

TABLE 6-24.
DEATHS BY AGE, SEX, AND COUNTY OF RESIDENCE, OREGON, 1995
(CONTINUED)

COUNTY OF RESIDENCE	25-34		35-44		45-54		55-64		65-74		75+	
	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	404	139	788	341	1,000	602	1,481	1,044	3,164	2,478	6,933	8,998
BAKER	2	1	6	2	6	2	7	5	22	13	48	53
BENTON	2	2	6	9	11	10	14	12	49	33	101	174
CLACKAMAS	25	13	62	26	90	49	137	86	235	218	591	819
CLATSOP	4	2	12	2	10	7	20	14	59	49	99	123
COLUMBIA	6	2	8	4	14	8	26	25	40	30	102	107
COOS	5	4	20	4	21	13	49	38	103	70	174	201
CROOK	3	1	-	-	5	5	11	11	23	20	52	49
CURRY	3	1	3	-	10	8	20	12	36	34	79	64
DESCHUTES	8	2	21	12	26	12	40	21	85	67	176	234
DOUGLAS	8	3	37	10	38	17	69	38	159	103	278	303
GILLIAM	-	-	-	-	-	-	2	1	2	1	10	8
GRANT	-	-	-	2	-	3	2	1	8	2	21	27
HARNEY	1	-	1	2	1	2	4	2	12	8	21	24
HOOD RIVER	3	1	2	3	3	2	11	4	16	13	39	53
JACKSON	19	7	41	22	70	36	77	64	178	165	464	544
JEFFERSON	5	-	3	1	5	3	11	5	14	13	30	37
JOSEPHINE	11	5	27	8	23	15	37	31	125	69	248	318
KLAMATH	6	3	15	6	21	18	39	31	74	62	172	154
LAKE	1	-	2	1	1	2	6	4	12	9	24	22
LANE	46	15	74	33	103	71	110	89	281	245	658	827
LINCOLN	7	2	12	8	19	13	32	22	77	40	151	120
LINN	12	3	17	13	38	25	49	45	109	80	224	318
MALHEUR	5	1	2	6	9	7	14	15	30	19	66	82
MARION	36	11	66	31	79	46	124	85	251	197	566	766
MORROW	3	1	2	2	4	2	8	7	5	4	23	18
MULTNOMAH	113	34	241	68	249	117	304	204	605	511	1,240	1,918
POLK	7	-	9	3	15	14	21	23	59	40	143	155
SHERMAN	-	-	-	-	-	-	-	1	4	3	6	3
TILLAMOOK	5	-	7	4	12	6	8	14	43	32	77	60
UMATILLA	13	3	15	5	19	13	28	26	70	57	147	157
UNION	2	-	3	1	5	6	12	6	29	17	55	83
WALLOWA	1	-	1	1	1	-	9	3	9	5	30	27
WASCO	5	2	1	2	5	6	25	10	39	16	75	92
WASHINGTON	32	16	57	40	72	56	112	72	226	183	559	862
WHEELER	-	-	-	1	-	-	1	-	1	-	6	8
YAMHILL	5	4	15	9	15	8	42	17	74	50	178	188

- Quantity is zero.

TABLE 6-25.
YEARS OF POTENTIAL LIFE LOST BEFORE AGE 65 FOR SELECTED CAUSES OF DEATH AND
COUNTY OF RESIDENCE, OREGON, 1995

COUNTY OF RESIDENCE	TOTAL	UNINTENTIONAL INJURIES	CANCER	HEART DISEASE	SUICIDE	ACQUIRED IMMUNE DEFICIENCY SYNDROME	CONGENITAL ANOMALIES	HOMICIDE AND LEGAL INTERVENTION	PERINATAL CONDITIONS	SUDDEN INFANT DEATH SYNDROME	ALCOHOLISM*
TOTAL	128,177	28,912	20,505	12,126	12,029	8,214	5,394	5,263	4,932	4,906	3,856
BAKER	779	65	53	128	73	0	130	50	65	65	45
BENTON	1,690	169	330	118	245	35	194	49	65	194	45
CLACKAMAS	11,786	3,308	1,792	1,047	907	444	866	120	454	581	217
CLATSOP	1,741	271	317	122	249	100	0	42	325	65	5
COLUMBIA	1,753	524	302	193	100	67	0	50	65	129	73
COOS	2,592	844	423	305	101	109	18	65	0	65	134
CROOK	692	254	93	50	155	0	0	0	0	0	8
CURRY	1,175	114	215	147	138	92	63	0	0	65	24
DESCHUTES	3,393	957	560	196	305	35	107	33	65	258	129
DOUGLAS	4,282	1,442	558	591	338	256	120	103	130	65	191
GILLIAM	9	0	0	6	0	0	0	0	0	0	0
GRANT	272	97	86	15	0	0	65	0	0	0	0
HARNEY	331	109	77	18	43	0	15	0	0	65	0
HOOD RIVER	692	150	81	70	73	0	53	72	130	0	2
JACKSON	6,366	1,149	1,207	715	582	418	325	335	65	258	112
JEFFERSON	1,218	446	90	97	143	27	0	31	65	129	0
JOSEPHINE	3,188	756	400	306	466	100	172	103	124	0	185
KLAMATH	3,025	691	367	296	358	97	224	268	65	194	57
LAKE	332	88	55	62	29	0	3	0	0	65	0
LANE	11,472	2,107	2,048	987	1,529	645	460	729	390	258	357
LINCOLN	2,034	592	438	171	69	152	0	99	65	0	102
LINN	4,590	1,317	866	369	377	112	134	101	390	129	45
MALHEUR	1,221	327	222	205	52	31	0	0	0	65	0
MARION	11,614	2,553	1,839	1,000	1,042	392	664	768	455	581	380
MORROW	667	218	76	89	33	0	65	46	0	0	0
MULTNOMAH	29,471	5,768	3,900	2,690	2,659	4,031	633	1,406	1,170	903	1,118
POLK	1,671	284	426	237	142	90	37	185	0	65	1
SHERMAN	7	0	7	0	0	0	0	0	0	0	0
TILLAMOOK	1,159	315	223	166	101	53	0	0	65	129	56
UMATILLA	3,032	777	417	222	239	48	197	63	195	65	161
UNION	738	81	137	114	63	34	0	46	65	0	14
WALLOWA	401	261	37	5	39	0	0	0	0	0	30
WASCO	1,026	264	174	55	149	36	65	50	0	0	12
WASHINGTON	11,293	2,230	2,080	937	984	730	673	429	519	387	314
WHEELER	28	0	23	0	0	0	0	0	0	0	0
YAMHILL	2,437	387	586	398	246	80	112	21	0	129	39

*Includes alcoholic psychosis, alcoholic dependence syndrome, alcoholic gastritis, alcoholic cardiomyopathy, alcoholic polyneuropathy, and alcoholic liver disease.

TABLE 6-25.
YEARS OF POTENTIAL LIFE LOST BEFORE AGE 65 FOR SELECTED CAUSES OF
DEATH AND COUNTY OF RESIDENCE, OREGON, 1995 (CONTINUED)

COUNTY OF RESIDENCE	CEREBROVASCULAR DISEASE	UNDETERMINED MANNER ¹	DIABETES	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	PNEUMONIA AND INFLUENZA	HEPATITIS	EPILEPSY	OTHER DISEASES OF THE ARTERIES	SEPTICEMIA	BENIGN NEOPLASMS	NEPHRITIS AND NEPHROSIS
TOTAL	2,052	2,021	1,811	1,509	901	678	595	573	205	202	188
BAKER	0	0	0	22	0	0	0	0	0	0	0
BENTON	14	0	28	1	0	0	30	0	0	0	0
CLACKAMAS	241	110	207	128	134	24	78	79	12	62	0
CLATSOP	3	0	36	6	0	0	0	0	0	0	0
COLUMBIA	70	24	16	8	0	0	3	19	0	0	20
COOS	37	131	76	21	0	17	9	0	40	0	20
CROOK	23	0	11	14	9	0	0	0	0	0	0
CURRY	1	0	3	1	20	0	0	0	9	0	0
DESCHUTES	56	65	0	67	30	41	11	21	12	0	3
DOUGLAS	5	0	51	93	75	0	0	12	0	0	0
GILLIAM	3	0	0	0	0	0	0	0	0	0	0
GRANT	0	0	9	0	0	0	0	0	0	0	0
HARNEY	1	0	0	0	0	0	0	0	0	0	0
HOOD RIVER	9	21	0	7	0	18	0	0	0	0	0
JACKSON	135	23	77	131	40	131	44	79	0	0	0
JEFFERSON	6	0	7	0	0	0	0	4	0	0	0
JOSEPHINE	18	7	2	81	0	23	8	23	0	0	0
KLAMATH	6	0	81	42	31	0	0	0	0	0	21
LAKE	3	0	7	4	9	0	0	0	0	0	0
LANE	159	168	179	180	39	105	71	32	21	64	0
LINCOLN	39	0	11	9	24	0	0	0	12	0	0
LINN	112	28	43	78	8	28	0	41	3	14	12
MALHEUR	34	65	19	19	29	0	0	0	0	0	0
MARION	151	302	79	74	25	135	47	5	27	0	6
MORROW	0	0	15	0	34	0	0	28	0	0	0
MULTNOMAH	503	918	468	303	255	80	128	81	59	59	72
POLK	28	0	65	18	2	2	0	23	0	3	0
SHERMAN	0	0	0	0	0	0	0	0	0	0	0
TILLAMOOK	0	0	6	20	0	0	0	0	0	0	0
UMATILLA	37	28	102	64	2	20	29	32	0	0	0
UNION	28	0	0	0	0	0	0	0	0	0	0
WALLOWA	8	0	0	0	0	0	0	0	0	0	0
WASCO	33	0	14	0	47	0	0	82	1	0	0
WASHINGTON	209	132	113	105	50	54	90	12	9	0	33
WHEELER	0	0	0	5	0	0	0	0	0	0	0
YAMHILL	80	0	86	8	38	0	47	0	0	0	1

¹Injuries undetermined whether accidentally or purposely inflicted.

TABLE 6-26.
MEDIAN AGE AT DEATH, BY SEX AND COUNTY OF RESIDENCE,
OREGON RESIDENTS, 1995

COUNTY OF RESIDENCE	TOTAL		MALE		FEMALE	
	NUMBER	MEDIAN	NUMBER	MEDIAN	NUMBER	MEDIAN
TOTAL	28,190	77	14,274	74	13,916	80
BAKER	172	78	95	75	77	84
BENTON	435	79	190	76	245	80
CLACKAMAS	2,440	77	1,195	74	1,245	80
CLATSOP	415	76	211	73	204	79
COLUMBIA	383	76	202	75	181	77
COOS	717	75	378	73	339	78
CROOK	186	76	98	76	88	76
CURRY	280	75	157	75	123	75
DESCHUTES	728	77	369	74	359	80
DOUGLAS	1,089	76	606	74	483	79
GILLIAM	24	82	14	79	10	87
GRANT	69	81	33	79	36	83
HARNEY	81	76	42	74	39	77
HOOD RIVER	155	77	76	75	79	80
JACKSON	1,715	77	867	76	848	80
JEFFERSON	140	74	73	71	67	78
JOSEPHINE	933	78	475	75	458	80
KLAMATH	626	75	344	75	282	76
LAKE	86	75	47	75	39	76
LANE	2,611	77	1,314	75	1,297	80
LINCOLN	512	75	303	74	209	76
LINN	967	76	467	74	500	79
MALHEUR	263	77	127	76	136	77
MARION	2,344	77	1,175	74	1,169	80
MORROW	84	74	48	72	36	75
MULTNOMAH	5,764	76	2,862	72	2,902	80
POLK	499	77	260	76	239	80
SHERMAN	17	77	10	77	7	72
TILLAMOOK	274	75	157	74	117	75
UMATILLA	576	75	309	74	267	78
UNION	225	78	111	74	114	81
WALLOWA	92	79	53	78	39	84
WASCO	285	78	152	74	133	80
WASHINGTON	2,365	78	1,107	75	1,258	80
WHEELER	17	81	8	81	9	84
YAMHILL	621	77	339	75	282	79

TABLE 6-27.
DEATHS BY COUNTY OF RESIDENCE BY RACE AND HISPANIC ETHNICITY,
OREGON RESIDENTS, 1995

COUNTY OF RESIDENCE	TOTAL	RACE							HISPANIC ²
		WHITE	AFRICAN AMERICAN	INDIAN	CHINESE	JAPANESE	OTHER ASIAN AND PACIFIC ISLANDER	OTHER NON-WHITE AND NOT STATED ¹	
TOTAL	28,190	27,302	377	240	74	57	97	43	351
BAKER	172	171	1	-	-	-	-	-	2
BENTON	435	426	-	4	1	1	2	1	4
CLACKAMAS	2,440	2,398	10	8	9	7	6	2	19
CLATSOP	415	410	-	2	1	1	-	1	1
COLUMBIA	383	380	-	2	1	-	-	-	-
COOS	717	707	1	7	-	-	1	1	4
CROOK	186	185	-	1	-	-	-	-	2
CURRY	280	279	-	-	-	-	1	-	2
DESCHUTES	728	720	2	4	-	-	-	2	8
DOUGLAS	1,089	1,069	2	13	1	2	-	2	3
GILLIAM	24	23	-	1	-	-	-	-	-
GRANT	69	69	-	-	-	-	-	-	-
HARNEY	81	80	-	1	-	-	-	-	-
HOODRIVER	155	152	-	-	-	2	-	1	4
JACKSON	1,715	1,695	4	9	1	3	1	2	18
JEFFERSON	140	115	1	23	-	-	-	1	4
JOSEPHINE	933	922	2	8	-	-	1	-	7
KLAMATH	626	596	2	28	-	-	-	-	10
LAKE	86	85	-	1	-	-	-	-	1
LANE	2,611	2,580	12	9	1	1	4	4	22
LINCOLN	512	501	1	8	-	-	2	-	4
LINN	967	949	1	15	1	1	-	-	7
MALHEUR	263	253	1	-	-	9	-	-	22
MARION	2,344	2,287	17	22	4	2	8	4	77
MORROW	84	84	-	-	-	-	-	-	3
MULTNOMAH	5,764	5,293	308	36	47	14	51	15	61
POLK	499	494	-	4	1	-	-	-	7
SHERMAN	17	17	-	-	-	-	-	-	-
TILLAMOOK	274	271	-	2	-	-	-	1	-
UMATILLA	576	552	2	19	1	1	1	-	14
UNION	225	223	1	1	-	-	-	-	2
WALLOWA	92	91	1	-	-	-	-	-	-
WASCO	285	279	-	4	-	1	-	1	2
WASHINGTON	2,365	2,314	7	5	5	11	18	5	32
WHEELER	17	17	-	-	-	-	-	-	-
YAMHILL	621	615	1	3	-	1	1	-	9

¹ "Other non-white" includes groups where fewer than 50 deaths were recorded (e.g., Hawaiian, Filipino).

² Decedents are classified by race and ethnicity. Most Hispanic decedents are white (333) with the remainder belonging to other races.

TABLE 6-28.
ALL DEATHS AND MEDICAL EXAMINER'S CASES BY COUNTY OF OCCURRENCE,
AUTOPSY STATUS AND MANNER OF DEATH, OREGON, 1995

COUNTY OF OCCURRENCE	TOTAL DEATHS	TOTAL DEATHS AUTOPSIED	PERCENT OF TOTAL DEATHS AUTOPSIED	M.E. CASES	M.E. CASES AUTOPSIED	PERCENT OF M.E. CASES AUTOPSIED
TOTAL	28,285	1,918	6.8	3,533	1,181	33.4
BAKER	165	10	6.1	40	7	17.5
BENTON	453	28	6.2	30	12	40.0
CLACKAMAS	2,301	141	6.1	260	104	40.0
CLATSOP	355	11	3.1	52	8	15.4
COLUMBIA	195	12	6.2	34	11	32.4
COOS	708	37	5.2	84	22	26.2
CROOK	165	6	3.6	36	5	13.9
CURRY	184	8	4.3	27	6	22.2
DESCHUTES	805	36	4.5	134	26	19.4
DOUGLAS	1,065	51	4.8	124	32	25.8
GILLIAM	13	0	0	3	0	0
GRANT	59	0	0	12	0	0
HARNEY	74	4	5.4	16	3	18.8
HOOD RIVER	174	8	4.6	24	7	29.2
JACKSON	1,745	88	5.0	171	68	39.8
JEFFERSON	113	12	10.6	23	11	47.8
JOSEPHINE	907	52	5.7	111	41	36.9
KLAMATH	650	36	5.5	112	30	26.8
LAKE	76	6	7.9	14	4	28.6
LANE	2,678	175	6.5	279	115	41.2
LINCOLN	445	19	4.3	67	11	16.4
LINN	877	44	5.0	120	32	26.7
MALHEUR	278	21	7.6	34	16	47.1
MARION	2,348	151	6.4	251	111	44.2
MORROW	64	3	4.7	16	2	12.5
MULTNOMAH	6,995	727	10.4	970	370	38.1
POLK	371	16	4.3	38	10	26.3
SHERMAN	10	1	10.0	3	0	0
TILLAMOOK	233	16	6.9	43	14	32.6
UMATILLA	471	28	5.9	78	17	21.8
UNION	216	3	1.4	33	3	9.1
WALLOWA	71	0	0	13	0	0
WASCO	270	3	1.1	15	1	6.7
WASHINGTON	2,218	141	6.4	209	66	31.6
WHEELER	7	0	0	2	0	0
YAMHILL	526	24	4.6	55	16	29.1
MANNER OF DEATH						
NATURAL	26,195	1,258	4.8	1,613	529	32.8
ACCIDENT	1,311	369	28.1	1,142	361	31.6
SUICIDE	542	80	14.8	541	80	14.8
HOMICIDE	165	161	97.6	165	161	97.6
UNDETERMINED	72	50	69.4	72	50	69.4

TABLE 6-29.
DEATHS OCCURRING IN OREGON BY DISPOSAL OF REMAINS
AND COUNTY OF RESIDENCE, 1995

COUNTY OF RESIDENCE	TOTAL		BURIAL		CREMATION		MAUSOLEUM		REMOVAL*		OTHER	
	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
TOTAL	28,285	100	11,580	41	13,153	47	1,257	4	2,168	8	127	0
BAKER	156	100	88	56	29	19	-	-	39	25	-	-
BENTON	422	100	159	38	217	51	20	5	21	5	5	1
CLACKAMAS	2,385	100	1,017	43	1,052	44	160	7	147	6	9	0
CLATSOP	396	100	177	45	193	49	6	2	18	5	2	1
COLUMBIA	295	100	131	44	130	44	11	4	21	7	2	1
COOS	707	100	271	38	398	56	8	1	29	4	1	0
CROOK	184	100	99	54	77	42	1	1	6	3	1	1
CURRY	226	100	64	28	147	65	1	0	13	6	1	0
DESCHUTES	715	100	265	37	384	54	22	3	44	6	-	-
DOUGLAS	1,068	100	422	40	592	55	13	1	37	3	4	0
GILLIAM	22	100	15	68	4	18	1	5	2	9	-	-
GRANT	66	100	42	64	23	35	-	-	1	2	-	-
HARNEY	79	100	47	59	32	41	-	-	-	-	-	-
HOOD RIVER	149	100	70	47	65	44	5	3	9	6	-	-
JACKSON	1,685	100	587	35	956	57	43	3	94	6	5	0
JEFFERSON	137	100	82	60	51	37	1	1	3	2	-	-
JOSEPHINE	910	100	304	33	526	58	21	2	57	6	2	0
KLAMATH	614	100	257	42	314	51	15	2	27	4	1	0
LAKE	83	100	45	54	32	39	-	-	6	7	-	-
LANE	2,576	100	986	38	1,404	55	92	4	84	3	10	0
LINCOLN	502	100	124	25	328	65	15	3	29	6	6	1
LINN	955	100	493	52	381	40	39	4	37	4	5	1
MALHEUR	224	100	130	58	23	10	-	-	71	32	-	-
MARION	2,315	100	1,065	46	1,004	43	107	5	128	6	11	0
MORROW	81	100	42	52	21	26	-	-	17	21	1	1
MULTNOMAH	5,649	100	2,272	40	2,524	45	449	8	367	6	37	1
POLK	492	100	229	47	217	44	17	3	26	5	3	1
SHERMAN	16	100	8	50	7	44	-	-	1	6	-	-
TILLAMOOK	260	100	95	37	147	57	4	2	14	5	-	-
UMATILLA	472	100	286	61	108	23	3	1	75	16	-	-
UNION	212	100	134	63	10	5	3	1	65	31	-	-
WALLOWA	82	100	52	63	3	4	-	-	27	33	-	-
WASCO	276	100	148	54	105	38	12	4	10	4	1	0
WASHINGTON	2,321	100	897	39	1,085	47	140	6	185	8	14	1
WHEELER	16	100	11	69	3	19	-	-	2	13	-	-
YAMHILL	607	100	305	50	231	38	38	6	28	5	5	1
OUT-OF-STATE	930	100	161	17	330	35	10	1	428	46	1	0

*Removal out-of-state.

- Quantity is zero.

TABLE 6-30.
DEATHS DUE TO UNINTENDED INJURY BY PRINCIPAL
CLASSES AND COUNTY OF RESIDENCE, OREGON, 1995

COUNTY OF RESIDENCE	TOTAL UNINTENDED INJURIES	DEATH RATE ¹	MOTOR VEHICLE	HOME	OCCUPATIONAL	PUBLIC	UNCLASSIFIED
TOTAL	1,293	41.3	582	320	31	276	84
BAKER	6	36.4	2	1	-	3	-
BENTON	14	18.5	5	3	-	4	2
CLACKAMAS	124	40.2	53	30	3	34	4
CLATSOP	13	37.9	4	3	1	4	1
COLUMBIA	17	42.8	6	7	1	3	-
COOS	29	46.7	15	-	2	11	1
CROOK	9	57.3	3	3	1	2	-
CURRY	9	40.5	4	2	-	1	2
DESCHUTES	41	43.6	29	6	2	4	-
DOUGLAS	58	59.4	30	14	2	12	-
GILLIAM	-	-	-	-	-	-	-
GRANT	5	62.9	2	2	-	1	-
HARNEY	3	42.6	2	1	-	-	-
HOOD RIVER	6	32.1	1	3	-	2	-
JACKSON	68	41.4	23	24	3	13	5
JEFFERSON	10	62.1	10	-	-	-	-
JOSEPHINE	37	52	16	12	1	6	2
KLAMATH	27	43.8	16	9	-	2	-
LAKE	4	53	3	-	-	1	-
LANE	110	36.4	54	22	2	26	6
LINCOLN	31	74.2	15	8	-	6	2
LINN	51	52	31	11	1	5	3
MALHEUR	21	74.5	10	5	1	4	1
MARION	119	46.1	62	32	2	20	3
MORROW	7	80.5	4	-	-	2	1
MULTNOMAH	262	41.8	88	79	2	61	32
POLK	18	32.5	8	5	1	4	-
SHERMAN	-	-	-	-	-	-	-
TILLAMOOK	15	64.4	9	-	-	4	2
UMATILLA	32	49.1	21	-	-	9	2
UNION	6	24.6	-	2	-	2	2
WALLOWA	8	110.3	5	2	-	-	1
WASCO	9	39.8	5	1	-	3	-
WASHINGTON	104	28.1	38	26	4	25	11
WHEELER	-	-	-	-	-	-	-
YAMHILL	20	26.8	8	7	2	2	1

- Quantity is zero.

¹ Rate per 100,000 population.

NOTE: The classes listed above are based on the National Safety Council classification system. Deaths from injuries that occurred at work and that involved transport vehicles (e.g., cars and airplanes) are included in the appropriate transportation category, not the occupational category. See Table 6-14 for a tally of all deaths resulting from injuries received at work.

TABLE 6-31.
UNINTENTIONAL INJURY DEATHS FOR SELECTED
CAUSES, BY COUNTY OF INJURY, OREGON, 1995

COUNTY OF INJURY	TOTAL	MOTOR VEHICLE	FALLS	POISONING	DROWNING	WATERCRAFT	FIRES	OTHER
TOTAL	1,178	583	197	123	57	20	32	166
BAKER	14	10	1	-	1	-	-	2
BENTON	14	5	4	1	-	-	-	4
CLACKAMAS	107	51	18	7	7	-	4	20
CLATSOP	13	5	3	1	3	1	-	-
COLUMBIA	17	7	3	2	1	-	-	4
COOS	26	13	-	1	5	2	-	5
CROOK	7	1	3	1	1	-	-	1
CURRY	9	3	1	-	-	1	-	4
DESCHUTES	35	23	4	1	1	-	-	6
DOUGLAS	63	31	9	1	4	3	3	12
GILLIAM	-	-	-	-	-	-	-	-
GRANT	4	1	-	2	-	-	-	1
HARNEY	5	4	-	1	-	-	-	-
HOOD RIVER	9	2	3	1	1	-	-	2
JACKSON	60	26	8	5	2	1	6	12
JEFFERSON	14	13	-	-	-	-	-	1
JOSEPHINE	32	13	4	8	2	-	2	3
KLAMATH	37	26	5	2	-	-	1	3
LAKE	5	4	-	-	1	-	-	-
LANE	104	50	18	17	8	3	-	8
LINCOLN	26	12	7	2	1	1	1	2
LINN	56	40	4	4	3	1	-	4
MALHEUR	19	11	3	-	1	-	1	3
MARION	99	53	16	15	4	2	1	8
MORROW	10	6	-	-	1	-	-	3
MULTNOMAH	214	77	52	46	4	2	8	25
POLK	23	15	4	-	1	-	-	3
SHERMAN	-	-	-	-	-	-	-	-
TILLAMOOK	19	10	2	-	1	3	1	2
UMATILLA	22	15	-	-	1	-	-	6
UNION	3	1	2	-	-	-	-	-
WALLOWA	10	7	-	-	-	-	-	3
WASCO	4	1	1	-	1	-	1	-
WASHINGTON	78	40	16	4	2	-	3	13
WHEELER	1	1	-	-	-	-	-	-
YAMHILL	19	6	6	1	-	-	-	6

- Quantity is zero.

TABLE 6-32. DEATHS BY SELECTED CAUSES BY CITY, OREGON RESIDENTS, 1995

SELECTED CAUSES OF DEATH	OREGON NUMBER	OREGON RATE	CITY OF RESIDENCE					
			PORTLAND		EUGENE		SALEM	
			NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	28190	900.1	4867	978.1	1089	893.3	1335	1128.0
TUBERCULOSIS (010-018, 137)	26	0.8	5	1.0	-	-	2	1.7
SEPTICEMIA (038)	90	2.9	15	3.0	4	3.3	3	2.5
AIDS (042-044)	333	10.6	162	32.6	17	13.9	10	8.4
VIRAL HEPATITIS (070)	64	2.0	8	1.6	-	-	6	5.1
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	77	2.5	15	3.0	3	2.5	3	2.5
MALIGNANT NEOPLASMS (140-208)	6824	217.9	1090	219.1	243	199.3	331	279.7
BUCCAL CAVITY & PHARYNX (140-149)	93	3.0	17	3.4	2	1.6	1	0.8
DIGESTIVE ORGANS & PERITONEUM (150-159)	1543	49.3	266	53.5	54	44.3	75	63.4
LARGE INTESTINE (153)	607	19.4	102	20.5	13	10.7	33	27.9
PANCREAS (157)	363	11.6	69	13.9	16	13.1	15	12.7
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	2021	64.5	317	63.7	70	57.4	100	84.5
BRONCHUS AND LUNG (162.2-162.9)	1957	62.5	309	62.1	70	57.4	97	82.0
MALIGNANT MELANOMA (172)	105	3.4	16	3.2	3	2.5	7	5.9
OTHER SKIN (173)	25	0.8	8	1.6	1	0.8	-	-
BREAST (174-175)	535	17.1	97	19.5	21	17.2	28	23.7
GENITAL ORGANS (179-187)	810	25.9	116	23.3	27	22.1	30	25.3
CERVIX & UTERUS (179-182)	127	4.1	21	4.2	8	6.6	6	5.1
OVARY (183.0)	173	5.5	27	5.4	9	7.4	11	9.3
PROSTATE (185)	481	15.4	63	12.7	10	8.2	13	11.0
URINARY ORGANS (188-189)	321	10.2	49	9.8	11	9.0	14	11.8
LEUKEMIA (204-208)	273	8.7	39	7.8	9	7.4	14	11.8
BENIGN NEOPLASMS (210-229)	28	0.9	8	1.6	-	-	2	1.7
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	58	1.9	11	2.2	4	3.3	3	2.5
DIABETES MELLITUS (250)	705	22.5	121	24.3	33	27.1	26	22.0
NUTRITIONAL DEFICIENCIES (260-269)	29	0.9	5	1.0	-	-	1	0.8
ANEMIAS (280-285)	37	1.2	5	1.0	2	1.6	2	1.7
ALZHEIMER'S DEMENTIA (290.1)	289	9.2	39	7.8	17	13.9	12	10.1
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	112	3.6	20	4.0	8	6.6	5	4.2
DRUG DEPENDENCE (304)	21	0.7	10	2.0	-	-	1	0.8
MENINGITIS (320-322)	13	0.4	4	0.8	-	-	1	0.8
ALZHEIMER'S DISEASE (331.0)	399	12.7	63	12.7	24	19.7	13	11.0
PARKINSON'S DISEASE (332)	232	7.4	41	8.2	12	9.8	5	4.2
EPILEPSY (345)	29	0.9	4	0.8	1	0.8	2	1.7
MAJOR CARDIOVASCULAR DISEASES (390-448)	10898	348.0	1813	364.3	378	310.1	540	456.3
DISEASES OF THE HEART (390-398, 402, 404-429)	7542	240.8	1238	248.8	251	205.9	351	296.6
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	102	3.3	18	3.6	2	1.6	6	5.1
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS. (402, 404)	210	6.7	49	9.8	5	4.1	15	12.7
ISCHEMIC HEART DISEASE (410-414)	5126	163.7	804	161.6	160	131.2	247	208.7
MYOCARDIAL INFARCTION (410)	2010	64.2	286	57.5	50	41.0	115	97.2
OTHER ACUTE & SUBACUTE (411)	7	0.2	1	0.2	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	3109	99.3	517	103.9	110	90.2	132	111.5
ALL OTHER FORMS (415-429)	2104	67.2	367	73.8	84	68.9	83	70.1
HYPERTENSION (401, 403)	193	6.2	43	8.6	6	4.9	11	9.3
CEREBROVASCULAR DISEASE (430-438)	2483	79.3	440	88.4	96	78.7	154	130.1
SUBARACHNOID HEMORRHAGE (430)	92	2.9	19	3.8	6	4.9	7	5.9
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	285	9.1	51	10.2	10	8.2	13	11.0
CEREBRAL THROMBOSIS & EMBOLISM (434)	264	8.4	23	4.6	10	8.2	60	50.7
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	1471	47.0	280	56.3	48	39.4	58	49.0
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	178	5.7	19	3.8	15	12.3	7	5.9
ARTERIOSCLEROSIS (440)	298	9.5	42	8.4	12	9.8	9	7.6
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	382	12.2	50	10.0	13	10.7	15	12.7
VENOUS THROMBOSIS & EMBOLISM (451-453)	14	0.4	2	0.4	1	0.8	2	1.7
PNEUMONIA (480-486)	893	28.5	174	35.0	23	18.9	37	31.3
INFLUENZA (487)	6	0.2	1	0.2	1	0.8	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	1460	46.6	231	46.4	64	52.5	68	57.5
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	68	2.2	7	1.4	4	3.3	1	0.8
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	81	2.6	10	2.0	3	2.5	2	1.7
CIRRHOSIS OF THE LIVER (571)	301	9.6	63	12.7	15	12.3	16	13.5
ALCOHOLIC CIRRHOSIS (571.0-571.3)	233	7.4	56	11.3	12	9.8	10	8.4
DISEASES OF THE GALLBLADDER (574-576)	48	1.5	8	1.6	2	1.6	2	1.7
NEPHRITIS & NEPHROSIS (580-589)	137	4.4	27	5.4	3	2.5	8	6.8
INFECTIONS OF THE KIDNEY (590)	18	0.6	2	0.4	1	0.8	1	0.8
DISEASES OF MALE GENITAL ORGANS (600-608)	13	0.4	2	0.4	-	-	1	0.8
DISEASES OF FEMALE GENITAL ORGANS (614-629)	2	0.1	-	-	-	-	1	0.8
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	146	4.7	19	3.8	7	5.7	9	7.6
CERTAIN CAUSES IN EARLY INFANCY (760-779)	76	2.4	16	3.2	3	2.5	5	4.2
SUDDEN INFANT DEATH SYNDROME (798.0)	76	2.4	14	2.8	1	0.8	6	5.1
UNINTENTIONAL INJURIES (800-949)	1293	41.3	212	42.6	56	45.9	69	58.3
MOTOR VEHICLE-RELATED (810-825)	582	18.6	68	13.7	20	16.4	30	25.3
SUICIDES (950-959)	526	16.8	90	18.1	29	23.8	27	22.8
HOMICIDES (960-978)	158	5.0	39	7.8	5	4.1	9	7.6
INJURIES OF UNDETERMINED MANNER (980-989)	68	2.2	25	5.0	5	4.1	5	4.2

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	BAKER		BENTON		CLACKAMAS		CLATSOP	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	172	1042.4	435	576.2	2440	790.7	415	1209.9
TUBERCULOSIS (010-018, 137)	1	6.1	-	-	4	1.3	1	2.9
SEPTICEMIA (038)	-	-	1	1.3	8	2.6	2	5.8
AIDS (042-044)	-	-	1	1.3	19	6.2	4	11.7
VIRAL HEPATITIS (070)	-	-	-	-	5	1.6	1	2.9
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	-	-	3	4.0	3	1.0	2	5.8
MALIGNANT NEOPLASMS (140-208)	32	193.9	105	139.1	584	189.2	117	341.1
BUCCAL CAVITY & PHARYNX (140-149)	-	-	-	-	8	2.6	2	5.8
DIGESTIVE ORGANS & PERITONEUM (150-159)	5	30.3	26	34.4	134	43.4	27	78.7
LARGE INTESTINE (153)	3	18.2	12	15.9	52	16.9	11	32.1
PANCREAS (157)	1	6.1	6	7.9	34	11.0	4	11.7
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	16	97.0	28	37.1	152	49.3	33	96.2
BRONCHUS AND LUNG (162.2-162.9)	15	90.9	28	37.1	148	48.0	33	96.2
MALIGNANT MELANOMA (172)	-	-	2	2.6	6	1.9	2	5.8
OTHER SKIN (173)	-	-	-	-	1	0.3	-	-
BREAST (174-175)	-	-	7	9.3	47	15.2	10	29.2
GENITAL ORGANS (179-187)	6	36.4	13	17.2	72	23.3	19	55.4
CERVIX & UTERUS (179-182)	-	-	2	2.6	8	2.6	5	14.6
OVARY (183.0)	2	12.1	2	2.6	16	5.2	2	5.8
PROSTATE (185)	4	24.2	9	11.9	48	15.6	10	29.2
URINARY ORGANS (188-189)	2	12.1	5	6.6	31	10.0	4	11.7
LEUKEMIA (204-208)	1	6.1	6	7.9	24	7.8	3	8.7
BENIGN NEOPLASMS (210-229)	-	-	-	-	4	1.3	-	-
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	-	-	-	-	1	0.3	-	-
DIABETES MELLITUS (250)	1	6.1	14	18.5	57	18.5	8	23.3
NUTRITIONAL DEFICIENCIES (260-269)	-	-	1	1.3	2	0.6	1	2.9
ANEMIAS (280-285)	1	6.1	1	1.3	3	1.0	-	-
ALZHEIMER'S DEMENTIA (290.1)	-	-	7	9.3	29	9.4	4	11.7
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	1	6.1	3	4.0	9	2.9	-	-
DRUG DEPENDENCE (304)	-	-	-	-	3	1.0	1	2.9
MENINGITIS (320-322)	1	6.1	1	1.3	-	-	-	-
ALZHEIMER'S DISEASE (331.0)	3	18.2	6	7.9	39	12.6	4	11.7
PARKINSON'S DISEASE (332)	1	6.1	2	2.6	29	9.4	-	-
EPILEPSY (345)	-	-	1	1.3	5	1.6	1	2.9
MAJOR CARDIOVASCULAR DISEASES (390-448)	75	454.5	183	242.4	941	304.9	166	484.0
DISEASES OF THE HEART (390-398, 402, 404-429)	61	369.7	122	161.6	665	215.5	128	373.2
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	-	-	2	2.6	12	3.9	1	2.9
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	-	-	3	4.0	21	6.8	3	8.7
ISCHEMIC HEART DISEASE (410-414)	47	284.8	74	98.0	453	146.8	99	288.6
MYOCARDIAL INFARCTION (410)	8	48.5	40	53.0	171	55.4	24	70.0
OTHER ACUTE & SUBACUTE (411)	-	-	1	1.3	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	39	236.4	33	43.7	282	91.4	75	218.7
ALL OTHER FORMS (415-429)	14	84.8	43	57.0	179	58.0	25	72.9
HYPERTENSION (401, 403)	1	6.1	3	4.0	14	4.5	3	8.7
CEREBROVASCULAR DISEASE (430-438)	13	78.8	45	59.6	202	65.5	26	75.8
SUBARACHNOID HEMORRHAGE (430)	1	6.1	-	-	8	2.6	-	-
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	1	6.1	4	5.3	31	10.0	3	8.7
CEREBRAL THROMBOSIS & EMBOLISM (434)	1	6.1	7	9.3	9	2.9	2	5.8
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	8	48.5	25	33.1	129	41.8	16	46.6
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	1	6.1	7	9.3	7	2.3	3	8.7
ARTERIOSCLEROSIS (440)	-	-	2	2.6	26	8.4	5	14.6
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	-	-	11	14.6	34	11.0	4	11.7
VENOUS THROMBOSIS & EMBOLISM (451-453)	-	-	-	-	2	0.6	-	-
PNEUMONIA (480-486)	4	24.2	12	15.9	102	33.1	13	37.9
INFLUENZA (487)	-	-	-	-	-	-	1	2.9
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	10	60.6	14	18.5	113	36.6	22	64.1
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	-	-	1	1.3	5	1.6	1	2.9
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	1	6.1	2	2.6	8	2.6	1	2.9
CIRRHOSIS OF THE LIVER (571)	2	12.1	3	4.0	17	5.5	5	14.6
ALCOHOLIC CIRRHOSIS (571.0-571.3)	2	12.1	3	4.0	13	4.2	2	5.8
DISEASES OF THE GALLBLADDER (574-576)	-	-	-	-	4	1.3	-	-
NEPHRITIS & NEPHROSIS (580-589)	-	-	2	2.6	6	1.9	2	5.8
INFECTIONS OF THE KIDNEY (590)	-	-	-	-	-	-	1	2.9
DISEASES OF MALE GENITAL ORGANS (600-608)	-	-	-	-	-	-	-	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	-	-	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	2	12.1	3	4.0	21	6.8	1	2.9
CERTAIN CAUSES IN EARLY INFANCY (760-779)	1	6.1	1	1.3	7	2.3	5	14.6
SUDDEN INFANT DEATH SYNDROME (798.0)	1	6.1	3	4.0	9	2.9	1	2.9
UNINTENTIONAL INJURIES (800-949)	6	36.4	14	18.5	124	40.2	13	37.9
MOTOR VEHICLE-RELATED (810-825)	2	12.1	5	6.6	54	17.5	4	11.7
SUICIDES (950-959)	4	24.2	8	10.6	46	14.9	11	32.1
HOMICIDES (960-978)	2	12.1	2	2.6	3	1.0	1	2.9
INJURIES OF UNDETERMINED MANNER (980-989)	-	-	-	-	3	1.0	-	-

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995 (CONTINUED)

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	COLUMBIA		COOS		CROOK		CURRY	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	383	964.7	717	1154.6	186	1184.7	280	1261.3
TUBERCULOSIS (010-018, 137)	-	-	-	-	-	-	-	-
SEPTICEMIA (038)	-	-	4	6.4	1	6.4	2	9.0
AIDS (042-044)	2	5.0	5	8.1	-	-	3	13.5
VIRAL HEPATITIS (070)	-	-	1	1.6	-	-	-	-
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	1	2.5	4	6.4	-	-	1	4.5
MALIGNANT NEOPLASMS (140-208)	94	236.8	170	273.8	50	318.5	87	391.9
BUCCAL CAVITY & PHARYNX (140-149)	-	-	2	3.2	-	-	1	4.5
DIGESTIVE ORGANS & PERITONEUM (150-159)	12	30.2	38	61.2	18	114.6	8	36.0
LARGE INTESTINE (153)	7	17.6	8	12.9	7	44.6	3	13.5
PANCREAS (157)	1	2.5	13	20.9	3	19.1	2	9.0
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	29	73.0	66	106.3	21	133.8	43	193.7
BRONCHUS AND LUNG (162.2-162.9)	26	65.5	65	104.7	19	121.0	43	193.7
MALIGNANT MELANOMA (172)	3	7.6	1	1.6	-	-	3	13.5
OTHER SKIN (173)	1	2.5	1	1.6	1	6.4	-	-
BREAST (174-175)	7	17.6	12	19.3	2	12.7	8	36.0
GENITAL ORGANS (179-187)	15	37.8	14	22.5	2	12.7	7	31.5
CERVIX & UTERUS (179-182)	-	-	3	4.8	-	-	1	4.5
OVARY (183.0)	2	5.0	1	1.6	1	6.4	1	4.5
PROSTATE (185)	11	27.7	7	11.3	1	6.4	4	18.0
URINARY ORGANS (188-189)	8	20.2	5	8.1	3	19.1	3	13.5
LEUKEMIA (204-208)	3	7.6	6	9.7	-	-	5	22.5
BENIGN NEOPLASMS (210-229)	-	-	-	-	-	-	-	-
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	1	2.5	1	1.6	-	-	-	-
DIABETES MELLITUS (250)	7	17.6	28	45.1	3	19.1	5	22.5
NUTRITIONAL DEFICIENCIES (260-269)	3	7.6	-	-	-	-	-	-
ANEMIAS (280-285)	-	-	-	-	-	-	1	4.5
ALZHEIMER'S DEMENTIA (290.1)	2	5.0	7	11.3	4	25.5	-	-
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	2	5.0	3	4.8	-	-	2	9.0
DRUG DEPENDENCE (304)	-	-	-	-	-	-	1	4.5
MENINGITIS (320-322)	-	-	-	-	-	-	-	-
ALZHEIMER'S DISEASE (331.0)	8	20.2	16	25.8	2	12.7	9	40.5
PARKINSON'S DISEASE (332)	2	5.0	2	3.2	-	-	2	9.0
EPILEPSY (345)	1	2.5	1	1.6	-	-	-	-
MAJOR CARDIOVASCULAR DISEASES (390-448)	155	390.4	285	458.9	84	535.0	101	455
DISEASES OF THE HEART (390-398, 402, 404-429)	115	289.7	210	338.2	64	407.6	77	346.8
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	-	-	4	6.4	-	-	-	-
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS. (402, 404)	-	-	3	4.8	3	19.1	2	9.0
ISCHEMIC HEART DISEASE (410-414)	79	199.0	160	257.6	43	273.9	38	171.2
MYOCARDIAL INFARCTION (410)	27	68.0	58	93.4	12	76.4	19	85.6
OTHER ACUTE & SUBACUTE (411)	-	-	-	-	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	52	131.0	102	164.3	31	197.5	19	85.6
ALL OTHER FORMS (415-429)	36	90.7	43	69.2	18	114.6	37	166.7
HYPERTENSION (401, 403)	2	5.0	5	8.1	1	6.4	1	4.5
CEREBROVASCULAR DISEASE (430-438)	32	80.6	60	96.6	6	38.2	17	76.6
SUBARACHNOID HEMORRHAGE (430)	4	10.1	-	-	2	12.7	1	4.5
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	6	15.1	10	16.1	1	6.4	-	-
CEREBRAL THROMBOSIS & EMBOLISM (434)	3	7.6	3	4.8	-	-	1	4.5
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	14	35.3	40	64.4	3	19.1	13	58.6
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	-	-	6	9.7	-	-	1	4.5
ARTERIOSCLEROSIS (440)	3	7.6	4	6.4	13	82.8	2	9.0
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	3	7.6	6	9.7	-	-	4	18.0
VENOUS THROMBOSIS & EMBOLISM (451-453)	-	-	-	-	-	-	1	4.5
PNEUMONIA (480-486)	14	35.3	11	17.7	3	19.1	8	36.0
INFLUENZA (487)	-	-	-	-	-	-	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	19	47.9	33	53.1	9	57.3	15	67.6
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	2	5.0	1	1.6	2	12.7	1	4.5
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	1	2.5	4	6.4	-	-	3	13.5
CIRRHOSIS OF THE LIVER (571)	6	15.1	11	17.7	4	25.5	4	18.0
ALCOHOLIC CIRRHOSIS (571.0-571.3)	4	10.1	8	12.9	3	19.1	3	13.5
DISEASES OF THE GALLBLADDER (574-576)	-	-	-	-	-	-	-	-
NEPHRITIS & NEPHROSIS (580-589)	3	7.6	5	8.1	-	-	1	4.5
INFECTIONS OF THE KIDNEY (590)	-	-	2	3.2	-	-	-	-
DISEASES OF MALE GENITAL ORGANS (600-608)	1	2.5	-	-	-	-	-	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	-	-	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	1	1.6	-	-	1	4.5
CERTAIN CAUSES IN EARLY INFANCY (760-779)	1	2.5	-	-	-	-	-	-
SUDDEN INFANT DEATH SYNDROME (798.0)	2	5.0	1	1.6	-	-	1	4.5
UNINTENTIONAL INJURIES (800-949)	17	42.8	29	46.7	9	57.3	9	40.5
MOTOR VEHICLE-RELATED (810-825)	6	15.1	15	24.2	3	19.1	4	18.0
SUICIDES (950-959)	6	15.1	6	9.7	5	31.8	6	27.0
HOMICIDES (960-978)	2	5.0	1	1.6	-	-	-	-
INJURIES OF UNDETERMINED MANNER (980-989)	2	5.0	6	9.7	-	-	1	4.5

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995 (CONTINUED)

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	DESCHUTES		DOUGLAS		GILLIAM		GRANT	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	728	773.6	1089	1114.6	24	1371.4	69	867.9
TUBERCULOSIS (010-018, 137)	1	1.1	1	1.0	-	-	-	-
SEPTICEMIA (038)	3	3.2	6	6.1	-	-	-	-
AIDS (042-044)	2	2.1	10	10.2	-	-	-	-
VIRAL HEPATITIS (070)	3	3.2	1	1.0	-	-	-	-
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	5	5.3	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	196	208.3	261	267.1	4	228.6	16	201.3
BUCCAL CAVITY & PHARYNX (140-149)	1	1.1	4	4.1	-	-	1	12.6
DIGESTIVE ORGANS & PERITONEUM (150-159)	52	55.3	56	57.3	1	57.1	4	50.3
LARGE INTESTINE (153)	16	17.0	24	24.6	1	57.1	1	12.6
PANCREAS (157)	14	14.9	18	18.4	-	-	1	12.6
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	46	48.9	87	89.0	-	-	4	50.3
BRONCHUS AND LUNG (162.2-162.9)	43	45.7	83	85.0	-	-	4	50.3
MALIGNANT MELANOMA (172)	3	3.2	3	3.1	-	-	-	-
OTHER SKIN (173)	2	2.1	1	1.0	-	-	-	-
BREAST (174-175)	20	21.3	19	19.4	1	57.1	1	12.6
GENITAL ORGANS (179-187)	25	26.6	29	29.7	2	114.3	1	12.6
CERVIX & UTERUS (179-182)	4	4.3	5	5.1	-	-	-	-
OVARY (183.0)	6	6.4	7	7.2	1	57.1	-	-
PROSTATE (185)	15	15.9	16	16.4	1	57.1	1	12.6
URINARY ORGANS (188-189)	7	7.4	12	12.3	-	-	-	-
LEUKEMIA (204-208)	8	8.5	14	14.3	-	-	2	25.2
BENIGN NEOPLASMS (210-229)	1	1.1	1	1.0	-	-	-	-
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	1	1.1	1	1.0	-	-	-	-
DIABETES MELLITUS (250)	10	10.6	32	32.8	3	171.4	3	37.7
NUTRITIONAL DEFICIENCIES (260-269)	-	-	-	-	-	-	-	-
ANEMIAS (280-285)	2	2.1	1	1.0	-	-	-	-
ALZHEIMER'S DEMENTIA (290.1)	2	2.1	18	18.4	1	57.1	-	-
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	2	2.1	10	10.2	1	57.1	-	-
DRUG DEPENDENCE (304)	-	-	-	-	-	-	-	-
MENINGITIS (320-322)	1	1.1	-	-	-	-	-	-
ALZHEIMER'S DISEASE (331.0)	10	10.6	11	11.3	-	-	-	-
PARKINSON'S DISEASE (332)	5	5.3	7	7.2	-	-	-	-
EPILEPSY (345)	1	1.1	-	-	-	-	-	-
MAJOR CARDIOVASCULAR DISEASES (390-448)	276	293.3	420	429.9	12	685.7	26	327.0
DISEASES OF THE HEART (390-398, 402, 404-429)	195	207.2	313	320.4	7	400.0	18	226.4
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	5	5.3	4	4.1	-	-	-	-
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	4	4.3	4	4.1	-	-	-	-
ISCHEMIC HEART DISEASE (410-414)	126	133.9	222	227.2	7	400.0	12	150.9
MYOCARDIAL INFARCTION (410)	35	37.2	98	100.3	1	57.1	9	113.2
OTHER ACUTE & SUBACUTE (411)	-	-	-	-	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	91	96.7	124	126.9	6	342.9	3	37.7
ALL OTHER FORMS (415-429)	60	63.8	83	85.0	-	-	6	75.5
HYPERTENSION (401, 403)	2	2.1	5	5.1	1	57.1	-	-
CEREBROVASCULAR DISEASE (430-438)	57	60.6	76	77.8	4	228.6	7	88.1
SUBARACHNOID HEMORRHAGE (430)	3	3.2	-	-	-	-	-	-
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	5	5.3	9	9.2	1	57.1	-	-
CEREBRAL THROMBOSIS & EMBOLISM (434)	3	3.2	5	5.1	2	114.3	-	-
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	33	35.1	57	58.3	1	57.1	6	75.5
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	8	8.5	5	5.1	-	-	-	-
ARTERIOSCLEROSIS (440)	9	9.6	11	11.3	-	-	-	-
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	13	13.8	15	15.4	-	-	1	12.6
VENOUS THROMBOSIS & EMBOLISM (451-453)	1	1.1	-	-	-	-	-	-
PNEUMONIA (480-486)	18	19.1	40	40.9	-	-	3	37.7
INFLUENZA (487)	-	-	-	-	-	-	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	34	36.1	66	67.6	1	57.1	5	62.9
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	2	2.1	1	1.0	-	-	-	-
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	2	2.1	3	3.1	-	-	3	37.7
CIRRHOISIS OF THE LIVER (571)	9	9.6	7	7.2	-	-	-	-
ALCOHOLIC CIRRHOISIS (571.0-571.3)	7	7.4	4	4.1	-	-	-	-
DISEASES OF THE GALLBLADDER (574-576)	2	2.1	2	2.0	-	-	1	12.6
NEPHRITIS & NEPHROSIS (580-589)	4	4.3	4	4.1	-	-	1	12.6
INFECTIONS OF THE KIDNEY (590)	-	-	-	-	-	-	-	-
DISEASES OF MALE GENITAL ORGANS (600-608)	-	-	1	1.0	-	-	-	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	-	-	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	5	5.3	4	4.1	-	-	1	12.6
CERTAIN CAUSES IN EARLY INFANCY (760-779)	1	1.1	2	2.0	-	-	-	-
SUDDEN INFANT DEATH SYNDROME (798.0)	4	4.3	1	1.0	-	-	-	-
UNINTENTIONAL INJURIES (800-949)	41	43.6	58	59.4	-	-	5	62.9
MOTOR VEHICLE-RELATED (810-825)	29	30.8	30	30.7	-	-	2	25.2
SUICIDES (950-959)	17	18.1	21	21.5	-	-	2	25.2
HOMICIDES (960-978)	1	1.1	3	3.1	-	-	-	-
INJURIES OF UNDETERMINED MANNER (980-989)	1	1.1	-	-	-	-	-	-

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995 (CONTINUED)

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	HARNEY		HOOD RIVER		JACKSON		JEFFERSON	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	81	1148.9	155	828.9	1715	1043.2	140	869.6
TUBERCULOSIS (010-018, 137)	-	-	-	-	1	0.6	2	12.4
SEPTICEMIA (038)	-	-	3	16.0	5	3.0	-	-
AIDS (042-044)	-	-	-	-	16	9.7	1	6.2
VIRAL HEPATITIS (070)	-	-	1	5.3	10	6.1	1	6.2
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	-	-	-	-	1	0.6	-	-
MALIGNANT NEOPLASMS (140-208)	18	255.3	38	203.2	440	267.6	25	155.3
BUCCAL CAVITY & PHARYNX (140-149)	-	-	1	5.3	5	3.0	-	-
DIGESTIVE ORGANS & PERITONEUM (150-159)	3	42.6	11	58.8	93	56.6	4	24.8
LARGE INTESTINE (153)	-	-	5	26.7	41	24.9	2	12.4
PANCREAS (157)	1	14.2	1	5.3	19	11.6	-	-
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	6	85.1	11	58.8	125	76.0	9	55.9
BRONCHUS AND LUNG (162.2-162.9)	6	85.1	10	53.5	122	74.2	9	55.9
MALIGNANT MELANOMA (172)	-	-	-	-	4	2.4	1	6.2
OTHER SKIN (173)	-	-	1	5.3	1	0.6	-	-
BREAST (174-175)	2	28.4	-	-	36	21.9	-	-
GENITAL ORGANS (179-187)	6	85.1	8	42.8	60	36.5	5	31.1
CERVIX & UTERUS (179-182)	-	-	3	16.0	5	3.0	1	6.2
OVARY (183.0)	1	14.2	1	5.3	17	10.3	-	-
PROSTATE (185)	5	70.9	4	21.4	38	23.1	4	24.8
URINARY ORGANS (188-189)	-	-	1	5.3	22	13.4	2	12.4
LEUKEMIA (204-208)	-	-	1	5.3	25	15.2	1	6.2
BENIGN NEOPLASMS (210-229)	-	-	-	-	1	0.6	-	-
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	1	14.2	-	-	-	-	1	6.2
DIABETES MELLITUS (250)	1	14.2	7	37.4	38	23.1	4	24.8
NUTRITIONAL DEFICIENCIES (260-269)	-	-	-	-	4	2.4	-	-
ANEMIAS (280-285)	-	-	-	-	5	3.0	-	-
ALZHEIMER'S DEMENTIA (290.1)	2	28.4	1	5.3	18	10.9	1	6.2
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	-	-	-	-	5	3.0	-	-
DRUG DEPENDENCE (304)	-	-	-	-	-	-	-	-
MENINGITIS (320-322)	-	-	-	-	1	0.6	-	-
ALZHEIMER'S DISEASE (331.0)	-	-	-	-	23	14.0	-	-
PARKINSON'S DISEASE (332)	1	14.2	-	-	16	9.7	-	-
EPILEPSY (345)	-	-	-	-	1	0.6	-	-
MAJOR CARDIOVASCULAR DISEASES (390-448)	34	482.3	58	310.2	682	414.8	57	354.0
DISEASES OF THE HEART (390-398, 402, 404-429)	29	411.3	43	229.9	457	278	36	223.6
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	-	-	1	5.3	7	4.3	2	12.4
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	-	-	-	-	11	6.7	-	-
ISCHEMIC HEART DISEASE (410-414)	21	297.9	29	155.1	323	196.5	27	167.7
MYOCARDIAL INFARCTION (410)	14	198.6	18	96.3	122	74.2	5	31.1
OTHER ACUTE & SUBACUTE (411)	-	-	-	-	2	1.2	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	7	99.3	11	58.8	199	121.0	22	136.6
ALL OTHER FORMS (415-429)	8	113.5	13	69.5	116	70.6	7	43.5
HYPERTENSION (401, 403)	-	-	2	10.7	13	7.9	1	6.2
CEREBROVASCULAR DISEASE (430-438)	5	70.9	11	58.8	172	104.6	16	99.4
SUBARACHNOID HEMORRHAGE (430)	-	-	1	5.3	6	3.6	-	-
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	-	-	-	-	13	7.9	3	18.6
CEREBRAL THROMBOSIS & EMBOLISM (434)	2	28.4	-	-	13	7.9	-	-
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	3	42.6	8	42.8	105	63.9	9	55.9
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	-	-	1	5.3	22	13.4	4	24.8
ARTERIOSCLEROSIS (440)	-	-	2	10.7	14	8.5	1	6.2
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	-	-	-	-	26	15.8	3	18.6
VENOUS THROMBOSIS & EMBOLISM (451-453)	-	-	-	-	1	0.6	-	-
PNEUMONIA (480-486)	-	-	8	42.8	52	31.6	4	24.8
INFLUENZA (487)	-	-	-	-	1	0.6	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	9	127.7	12	64.2	81	49.3	10	62.1
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	-	-	-	-	7	4.3	-	-
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	-	-	-	-	6	3.6	1	6.2
CIRRHOSIS OF THE LIVER (571)	1	14.2	3	16.0	16	9.7	-	-
ALCOHOLIC CIRRHOSIS (571.0-571.3)	-	-	2	10.7	12	7.3	-	-
DISEASES OF THE GALLBLADDER (574-576)	-	-	2	10.7	4	2.4	1	6.2
NEPHRITIS & NEPHROSIS (580-589)	1	14.2	-	-	4	2.4	2	12.4
INFECTIONS OF THE KIDNEY (590)	1	14.2	-	-	-	-	-	-
DISEASES OF MALE GENITAL ORGANS (600-608)	-	-	-	-	1	0.6	-	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	-	-	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	14.2	1	5.3	6	3.6	-	-
CERTAIN CAUSES IN EARLY INFANCY (760-779)	-	-	2	10.7	1	0.6	1	6.2
SUDDEN INFANT DEATH SYNDROME (798.0)	1	14.2	-	-	4	2.4	2	12.4
UNINTENTIONAL INJURIES (800-949)	3	42.6	6	32.1	68	41.4	10	62.1
MOTOR VEHICLE-RELATED (810-825)	2	28.4	1	5.3	23	14.0	10	62.1
SUICIDES (950-959)	1	14.2	2	10.7	34	20.7	4	24.8
HOMICIDES (960-978)	-	-	2	10.7	12	7.3	1	6.2
INJURIES OF UNDETERMINED MANNER (980-989)	-	-	1	5.3	3	1.8	-	-

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995 (CONTINUED)

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	JOSEPHINE		KLAMATH		LAKE		LANE	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	933	1312.2	626	1016.2	86	1139.1	2611	864.9
TUBERCULOSIS (010-018, 137)	-	-	-	-	-	-	2	0.7
SEPTICEMIA (038)	2	2.8	2	3.2	-	-	11	3.6
AIDS (042-044)	4	5.6	3	4.9	-	-	26	8.6
VIRAL HEPATITIS (070)	1	1.4	-	-	-	-	5	1.7
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	7	9.8	1	1.6	-	-	6	2.0
MALIGNANT NEOPLASMS (140-208)	210	295.4	138	224	22	291.4	628	208
BUCCAL CAVITY & PHARYNX (140-149)	5	7.0	1	1.6	1	13.2	7	2.3
DIGESTIVE ORGANS & PERITONEUM (150-159)	43	60.5	32	51.9	4	53.0	138	45.7
LARGE INTESTINE (153)	16	22.5	9	14.6	2	26.5	46	15.2
PANCREAS (157)	5	7.0	8	13.0	1	13.2	36	11.9
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	70	98.5	36	58.4	8	106.0	182	60.3
BRONCHUS AND LUNG (162.2-162.9)	68	95.6	35	56.8	8	106.0	178	59.0
MALIGNANT MELANOMA (172)	2	2.8	4	6.5	1	13.2	13	4.3
OTHER SKIN (173)	-	-	1	1.6	-	-	4	1.3
BREAST (174-175)	17	23.9	6	9.7	2	26.5	56	18.5
GENITAL ORGANS (179-187)	24	33.8	20	32.5	2	26.5	76	25.2
CERVIX & UTERUS (179-182)	1	1.4	6	9.7	1	13.2	16	5.3
OVARY (183.0)	4	5.6	5	8.1	-	-	19	6.3
PROSTATE (185)	17	23.9	8	13.0	1	13.2	38	12.6
URINARY ORGANS (188-189)	10	14.1	11	17.9	-	-	31	10.3
LEUKEMIA (204-208)	10	14.1	7	11.4	1	13.2	20	6.6
BENIGN NEOPLASMS (210-229)	1	1.4	-	-	-	-	1	0.3
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	3	4.2	3	4.9	-	-	6	2.0
DIABETES MELLITUS (250)	12	16.9	31	50.3	2	26.5	74	24.5
NUTRITIONAL DEFICIENCIES (260-269)	-	-	-	-	-	-	3	1.0
ANEMIAS (280-285)	1	1.4	-	-	1	13.2	4	1.3
ALZHEIMER'S DEMENTIA (290.1)	15	21.1	8	13.0	-	-	30	9.9
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	5	7.0	6	9.7	-	-	10	3.3
DRUG DEPENDENCE (304)	1	1.4	-	-	-	-	-	-
MENINGITIS (320-322)	-	-	-	-	-	-	1	0.3
ALZHEIMER'S DISEASE (331.0)	11	15.5	11	17.9	-	-	34	11.3
PARKINSON'S DISEASE (332)	12	16.9	6	9.7	-	-	21	7.0
EPILEPSY (345)	1	1.4	-	-	-	-	2	0.7
MAJOR CARDIOVASCULAR DISEASES (390-448)	380	534.5	199	323.1	45	596.0	980	324.6
DISEASES OF THE HEART (390-398, 402, 404-429)	269	378.3	132	214.3	33	437.1	682	225.9
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	2	2.8	3	4.9	-	-	9	3.0
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	6	8.4	-	-	-	-	12	4.0
ISCHEMIC HEART DISEASE (410-414)	193	271.4	97	157.5	21	278.1	440	145.7
MYOCARDIAL INFARCTION (410)	83	116.7	46	74.7	13	172.2	161	53.3
OTHER ACUTE & SUBACUTE (411)	-	-	-	-	-	-	1	0.3
CHRONIC ISCHEMIC HEART DISEASE (412-414)	110	154.7	51	82.8	8	106.0	278	92.1
ALL OTHER FORMS (415-429)	68	95.6	32	51.9	12	158.9	221	73.2
HYPERTENSION (401, 403)	9	12.7	11	17.9	-	-	16	5.3
CEREBROVASCULAR DISEASE (430-438)	73	102.7	46	74.7	11	145.7	217	71.9
SUBARACHNOID HEMORRHAGE (430)	4	5.6	1	1.6	-	-	14	4.6
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	5	7.0	1	1.6	1	13.2	19	6.3
CEREBRAL THROMBOSIS & EMBOLISM (434)	5	7.0	3	4.9	5	66.2	21	7.0
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	44	61.9	31	50.3	4	53.0	117	38.8
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	10	14.1	5	8.1	-	-	28	9.3
ARTERIOSCLEROSIS (440)	11	15.5	2	3.2	-	-	29	9.6
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	18	25.3	8	13.0	1	13.2	36	11.9
VENOUS THROMBOSIS & EMBOLISM (451-453)	-	-	2	3.2	-	-	1	0.3
PNEUMONIA (480-486)	21	29.5	18	29.2	1	13.2	72	23.8
INFLUENZA (487)	-	-	-	-	-	-	1	0.3
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	57	80.2	44	71.4	2	26.5	153	50.7
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	3	4.2	2	3.2	2	26.5	10	3.3
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	2	2.8	-	-	-	-	5	1.7
CIRRHOSIS OF THE LIVER (571)	10	14.1	7	11.4	1	13.2	32	10.6
ALCOHOLIC CIRRHOSIS (571.0-571.3)	8	11.3	4	6.5	1	13.2	25	8.3
DISEASES OF THE GALLBLADDER (574-576)	1	1.4	1	1.6	-	-	4	1.3
NEPHRITIS & NEPHROSIS (580-589)	4	5.6	5	8.1	-	-	9	3.0
INFECTIONS OF THE KIDNEY (590)	-	-	-	-	-	-	3	1.0
DISEASES OF MALE GENITAL ORGANS (600-608)	1	1.4	-	-	-	-	-	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	-	-	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	4	5.6	5	8.1	1	13.2	14	4.6
CERTAIN CAUSES IN EARLY INFANCY (760-779)	2	2.8	1	1.6	-	-	6	2.0
SUDDEN INFANT DEATH SYNDROME (798.0)	-	-	3	4.9	1	13.2	4	1.3
UNINTENTIONAL INJURIES (800-949)	37	52.0	27	43.8	4	53.0	110	36.4
MOTOR VEHICLE-RELATED (810-825)	16	22.5	16	26.0	3	39.7	54	17.9
SUICIDES (950-959)	29	40.8	16	26.0	1	13.2	56	18.5
HOMICIDES (960-978)	7	9.8	7	11.4	-	-	19	6.3
INJURIES OF UNDETERMINED MANNER (980-989)	1	1.4	-	-	-	-	7	2.3

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995 (CONTINUED)

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	LINCOLN		LINN		MALHEUR		MARION	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	512	1224.9	967	985.7	263	932.6	2344	908.5
TUBERCULOSIS (010-018, 137)	-	-	-	-	-	-	4	1.6
SEPTICEMIA (038)	2	4.8	5	5.1	2	7.1	8	3.1
AIDS (042-044)	6	14.4	4	4.1	1	3.5	16	6.2
VIRAL HEPATITIS (070)	2	4.8	4	4.1	-	-	12	4.7
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	1	2.4	2	2.0	-	-	4	1.6
MALIGNANT NEOPLASMS (140-208)	130	311.0	255	259.9	62	219.9	583	226.0
BUCCAL CAVITY & PHARYNX (140-149)	2	4.8	5	5.1	-	-	5	1.9
DIGESTIVE ORGANS & PERITONEUM (150-159)	28	67.0	50	51.0	14	49.6	140	54.3
LARGE INTESTINE (153)	11	26.3	23	23.4	3	10.6	56	21.7
PANCREAS (157)	8	19.1	9	9.2	1	3.5	36	14.0
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	38	90.9	74	75.4	17	60.3	172	66.7
BRONCHUS AND LUNG (162.2-162.9)	34	81.3	73	74.4	17	60.3	168	65.1
MALIGNANT MELANOMA (172)	2	4.8	5	5.1	-	-	7	2.7
OTHER SKIN (173)	-	-	-	-	-	-	-	-
BREAST (174-175)	13	31.1	23	23.4	8	28.4	42	16.3
GENITAL ORGANS (179-187)	11	26.3	33	33.6	13	46.1	60	23.3
CERVIX & UTERUS (179-182)	1	2.4	4	4.1	2	7.1	11	4.3
OVARY (183.0)	2	4.8	6	6.1	2	7.1	20	7.8
PROSTATE (185)	8	19.1	20	20.4	9	31.9	29	11.2
URINARY ORGANS (188-189)	9	21.5	8	8.2	3	10.6	26	10.1
LEUKEMIA (204-208)	5	12.0	11	11.2	2	7.1	22	8.5
BENIGN NEOPLASMS (210-229)	-	-	2	2.0	-	-	3	1.2
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	-	-	1	1.0	2	7.1	4	1.6
DIABETES MELLITUS (250)	13	31.1	23	23.4	5	17.7	48	18.6
NUTRITIONAL DEFICIENCIES (260-269)	-	-	-	-	-	-	3	1.2
ANEMIAS (280-285)	1	2.4	1	1.0	3	10.6	3	1.2
ALZHEIMER'S DEMENTIA (290.1)	1	2.4	16	16.3	3	10.6	20	7.8
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	2	4.8	1	1.0	-	-	12	4.7
DRUG DEPENDENCE (304)	-	-	-	-	-	-	1	0.4
MENINGITIS (320-322)	-	-	-	-	-	-	1	0.4
ALZHEIMER'S DISEASE (331.0)	3	7.2	10	10.2	1	3.5	25	9.7
PARKINSON'S DISEASE (332)	5	12.0	9	9.2	1	3.5	17	6.6
EPILEPSY (345)	-	-	-	-	-	-	3	1.2
MAJOR CARDIOVASCULAR DISEASES (390-448)	184	440.2	366	373.1	104	368.8	941	364.7
DISEASES OF THE HEART (390-398, 402, 404-429)	122	291.9	266	271.2	72	255.3	627	243
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	3	7.2	2	2.0	1	3.5	11	4.3
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	5	12.0	4	4.1	1	3.5	23	8.9
ISCHEMIC HEART DISEASE (410-414)	75	179.4	179	182.5	48	170.2	439	170.2
MYOCARDIAL INFARCTION (410)	28	67.0	86	87.7	28	99.3	203	78.7
OTHER ACUTE & SUBACUTE (411)	-	-	-	-	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	47	112.4	93	94.8	20	70.9	236	91.5
ALL OTHER FORMS (415-429)	39	93.3	81	82.6	22	78.0	154	59.7
HYPERTENSION (401, 403)	3	7.2	4	4.1	2	7.1	21	8.1
CEREBROVASCULAR DISEASE (430-438)	48	114.8	67	68.3	25	88.7	252	97.7
SUBARACHNOID HEMORRHAGE (430)	6	14.4	2	2.0	1	3.5	7	2.7
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	4	9.6	12	12.2	2	7.1	25	9.7
CEREBRAL THROMBOSIS & EMBOLISM (434)	4	9.6	3	3.1	3	10.6	85	32.9
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	29	69.4	43	43.8	12	42.6	103	39.9
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	2	4.8	3	3.1	4	14.2	13	5.0
ARTERIOSCLEROSIS (440)	4	9.6	9	9.2	3	10.6	15	5.8
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	7	16.7	20	20.4	2	7.1	26	10.1
VENOUS THROMBOSIS & EMBOLISM (451-453)	-	-	-	-	-	-	2	0.8
PNEUMONIA (480-486)	16	38.3	39	39.8	7	24.8	71	27.5
INFLUENZA (487)	-	-	-	-	-	-	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	33	78.9	53	54	20	70.9	111	43.0
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	2	4.8	2	2.0	-	-	3	1.2
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	2	4.8	4	4.1	-	-	6	2.3
CIRRHOSIS OF THE LIVER (571)	9	21.5	5	5.1	2	7.1	25	9.7
ALCOHOLIC CIRRHOSIS (571.0-571.3)	7	16.7	5	5.1	1	3.5	15	5.8
DISEASES OF THE GALLBLADDER (574-576)	1	2.4	1	1.0	-	-	3	1.2
NEPHRITIS & NEPHROSIS (580-589)	4	9.6	7	7.1	1	3.5	17	6.6
INFECTIONS OF THE KIDNEY (590)	2	4.8	-	-	-	-	3	1.2
DISEASES OF MALE GENITAL ORGANS (600-608)	-	-	-	-	-	-	2	0.8
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	-	-	1	0.4
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	4	4.1	2	7.1	17	6.6
CERTAIN CAUSES IN EARLY INFANCY (760-779)	1	2.4	6	6.1	-	-	7	2.7
SUDDEN INFANT DEATH SYNDROME (798.0)	-	-	2	2.0	1	3.5	9	3.5
UNINTENTIONAL INJURIES (800-949)	31	74.2	51	52.0	21	74.5	119	46.1
MOTOR VEHICLE-RELATED (810-825)	15	35.9	31	31.6	10	35.5	62	24
SUICIDES (950-959)	5	12.0	16	16.3	2	7.1	41	15.9
HOMICIDES (960-978)	4	9.6	3	3.1	-	-	22	8.5
INJURIES OF UNDETERMINED MANNER (980-989)	-	-	1	1.0	2	7.1	7	2.7

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995 (CONTINUED)

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	MORROW		MULTNOMAH		POLK		SHERMAN	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	84	965.5	5764	920.0	499	900.7	17	894.7
TUBERCULOSIS (010-018, 137)	-	-	6	1.0	-	-	-	-
SEPTICEMIA (038)	-	-	16	2.6	-	-	-	-
AIDS (042-044)	-	-	169	27	4	7.2	-	-
VIRAL HEPATITIS (070)	-	-	9	1.4	2	3.6	-	-
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	-	-	16	2.6	1	1.8	-	-
MALIGNANT NEOPLASMS (140-208)	18	206.9	1294	206.5	144	259.9	4	210.5
BUCCAL CAVITY & PHARYNX (140-149)	-	-	25	4.0	2	3.6	-	-
DIGESTIVE ORGANS & PERITONEUM (150-159)	7	80.5	320	51.1	26	46.9	1	52.6
LARGE INTESTINE (153)	1	11.5	124	19.8	14	25.3	1	52.6
PANCREAS (157)	2	23.0	82	13.1	2	3.6	-	-
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	7	80.5	378	60.3	36	65.0	2	105.3
BRONCHUS AND LUNG (162.2-162.9)	6	69.0	367	58.6	36	65.0	2	105.3
MALIGNANT MELANOMA (172)	1	11.5	19	3.0	2	3.6	-	-
OTHER SKIN (173)	-	-	9	1.4	-	-	-	-
BREAST (174-175)	1	11.5	110	17.6	13	23.5	-	-
GENITAL ORGANS (179-187)	1	11.5	141	22.5	20	36.1	1	52.6
CERVIX & UTERUS (179-182)	1	11.5	25	4.0	4	7.2	-	-
OVARY (183.0)	-	-	33	5.3	3	5.4	-	-
PROSTATE (185)	-	-	78	12.5	12	21.7	1	52.6
URINARY ORGANS (188-189)	-	-	53	8.5	9	16.2	-	-
LEUKEMIA (204-208)	-	-	45	7.2	7	12.6	-	-
BENIGN NEOPLASMS (210-229)	-	-	9	1.4	1	1.8	-	-
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	1	11.5	15	2.4	3	5.4	-	-
DIABETES MELLITUS (250)	6	69.0	137	21.9	13	23.5	-	-
NUTRITIONAL DEFICIENCIES (260-269)	-	-	8	1.3	-	-	-	-
ANEMIAS (280-285)	-	-	5	0.8	-	-	-	-
ALZHEIMER'S DEMENTIA (290.1)	1	11.5	56	8.9	4	7.2	-	-
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	-	-	21	3.4	1	1.8	-	-
DRUG DEPENDENCE (304)	-	-	11	1.8	-	-	-	-
MENINGITIS (320-322)	-	-	4	0.6	-	-	-	-
ALZHEIMER'S DISEASE (331.0)	-	-	74	11.8	14	25.3	-	-
PARKINSON'S DISEASE (332)	-	-	48	7.7	3	5.4	-	-
EPILEPSY (345)	-	-	6	1.0	-	-	-	-
MAJOR CARDIOVASCULAR DISEASES (390-448)	35	402.3	2144	342.2	204	368.2	8	421.1
DISEASES OF THE HEART (390-398, 402, 404-429)	25	287.4	1449	231.3	133	240.1	5	263.2
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	-	-	20	3.2	2	3.6	-	-
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	1	11.5	59	9.4	5	9.0	1	52.6
ISCHEMIC HEART DISEASE (410-414)	18	206.9	937	149.6	90	162.5	3	157.9
MYOCARDIAL INFARCTION (410)	10	114.9	327	52.2	40	72.2	3	157.9
OTHER ACUTE & SUBACUTE (411)	-	-	1	0.2	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	8	92.0	609	97.2	50	90.3	-	-
ALL OTHER FORMS (415-429)	6	69.0	433	69.1	36	65.0	1	52.6
HYPERTENSION (401, 403)	-	-	49	7.8	2	3.6	-	-
CEREBROVASCULAR DISEASE (430-438)	5	57.5	531	84.8	54	97.5	2	105.3
SUBARACHNOID HEMORRHAGE (430)	-	-	22	3.5	1	1.8	-	-
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	1	11.5	60	9.6	5	9.0	1	52.6
CEREBRAL THROMBOSIS & EMBOLISM (434)	-	-	26	4.2	21	37.9	-	-
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	2	23.0	343	54.7	25	45.1	-	-
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	1	11.5	24	3.8	1	1.8	-	-
ARTERIOSCLEROSIS (440)	1	11.5	49	7.8	5	9.0	-	-
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	4	46.0	66	10.5	10	18.1	1	52.6
VENOUS THROMBOSIS & EMBOLISM (451-453)	-	-	2	0.3	-	-	-	-
PNEUMONIA (480-486)	3	34.5	210	33.5	10	18.1	-	-
INFLUENZA (487)	-	-	1	0.2	-	-	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	4	46.0	288	46.0	19	34.3	1	52.6
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	-	-	11	1.8	1	1.8	-	-
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	-	-	12	1.9	-	-	1	52.6
CIRRHOSIS OF THE LIVER (571)	-	-	71	11.3	4	7.2	-	-
ALCOHOLIC CIRRHOSIS (571.0-571.3)	-	-	62	9.9	2	3.6	-	-
DISEASES OF THE GALLBLADDER (574-576)	-	-	8	1.3	1	1.8	-	-
NEPHRITIS & NEPHROSIS (580-589)	-	-	32	5.1	1	1.8	-	-
INFECTIONS OF THE KIDNEY (590)	-	-	2	0.3	-	-	1	52.6
DISEASES OF MALE GENITAL ORGANS (600-608)	-	-	5	0.8	-	-	-	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	1	1.8	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	11.5	21	3.4	2	3.6	-	-
CERTAIN CAUSES IN EARLY INFANCY (760-779)	-	-	18	2.9	-	-	-	-
SUDDEN INFANT DEATH SYNDROME (798.0)	-	-	14	2.2	1	1.8	-	-
UNINTENTIONAL INJURIES (800-949)	7	80.5	262	41.8	18	32.5	-	-
MOTOR VEHICLE-RELATED (810-825)	4	46.0	88	14.0	8	14.4	-	-
SUICIDES (950-959)	2	23.0	98	15.6	8	14.4	1	52.6
HOMICIDES (960-978)	1	11.5	44	7.0	4	7.2	-	-
INJURIES OF UNDETERMINED MANNER (980-989)	-	-	27	4.3	-	-	-	-

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995 (CONTINUED)

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	TILLAMOOK		UMATILLA		UNION		WALLOWA	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	274	1176.0	576	883.4	225	922.1	92	1269.0
TUBERCULOSIS (010-018, 137)	2	8.6	-	-	-	-	-	-
SEPTICEMIA (038)	-	-	1	1.5	1	4.1	1	13.8
AIDS (042-044)	2	8.6	2	3.1	1	4.1	-	-
VIRAL HEPATITIS (070)	1	4.3	2	3.1	1	4.1	-	-
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	-	-	5	7.7	1	4.1	-	-
MALIGNANT NEOPLASMS (140-208)	69	296.1	131	200.9	57	233.6	19	262.1
BUCCAL CAVITY & PHARYNX (140-149)	2	8.6	3	4.6	-	-	-	-
DIGESTIVE ORGANS & PERITONEUM (150-159)	10	42.9	26	39.9	19	77.9	3	41.4
LARGE INTESTINE (153)	3	12.9	12	18.4	11	45.1	1	13.8
PANCREAS (157)	2	8.6	5	7.7	6	24.6	1	13.8
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	32	137.3	43	66.0	15	61.5	4	55.2
BRONCHUS AND LUNG (162.2-162.9)	29	124.5	43	66.0	15	61.5	4	55.2
MALIGNANT MELANOMA (172)	-	-	1	1.5	-	-	-	-
OTHER SKIN (173)	1	4.3	-	-	-	-	-	-
BREAST (174-175)	6	25.8	6	9.2	1	4.1	1	13.8
GENITAL ORGANS (179-187)	2	8.6	15	23	8	32.8	2	27.6
CERVIX & UTERUS (179-182)	-	-	-	-	3	12.3	-	-
OVARY (183.0)	-	-	5	7.7	1	4.1	-	-
PROSTATE (185)	2	8.6	9	13.8	4	16.4	2	27.6
URINARY ORGANS (188-189)	1	4.3	8	12.3	3	12.3	1	13.8
LEUKEMIA (204-208)	3	12.9	6	9.2	1	4.1	1	13.8
BENIGN NEOPLASMS (210-229)	-	-	-	-	-	-	-	-
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	1	4.3	-	-	-	-	1	13.8
DIABETES MELLITUS (250)	7	30.0	18	27.6	4	16.4	2	27.6
NUTRITIONAL DEFICIENCIES (260-269)	-	-	-	-	-	-	-	-
ANEMIAS (280-285)	-	-	-	-	-	-	-	-
ALZHEIMER'S DEMENTIA (290.1)	4	17.2	1	1.5	-	-	2	27.6
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	4	17.2	2	3.1	2	8.2	-	-
DRUG DEPENDENCE (304)	-	-	-	-	-	-	-	-
MENINGITIS (320-322)	-	-	-	-	-	-	-	-
ALZHEIMER'S DISEASE (331.0)	5	21.5	5	7.7	6	24.6	3	41.4
PARKINSON'S DISEASE (332)	1	4.3	4	6.1	1	4.1	-	-
EPILEPSY (345)	-	-	1	1.5	-	-	-	-
MAJOR CARDIOVASCULAR DISEASES (390-448)	113	485.0	214	328.2	91	373	35	482.8
DISEASES OF THE HEART (390-398, 402, 404-429)	84	360.5	151	231.6	64	262.3	25	344.8
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	-	-	2	3.1	1	4.1	-	-
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	1	4.3	6	9.2	2	8.2	-	-
ISCHEMIC HEART DISEASE (410-414)	70	300.4	106	162.6	37	151.6	24	331.0
MYOCARDIAL INFARCTION (410)	34	145.9	50	76.7	16	65.6	4	55.2
OTHER ACUTE & SUBACUTE (411)	-	-	1	1.5	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	36	154.5	55	84.4	21	86.1	20	275.9
ALL OTHER FORMS (415-429)	13	55.8	37	56.7	24	98.4	1	13.8
HYPERTENSION (401, 403)	2	8.6	5	7.7	2	8.2	-	-
CEREBROVASCULAR DISEASE (430-438)	19	81.5	39	59.8	19	77.9	8	110.3
SUBARACHNOID HEMORRHAGE (430)	-	-	1	1.5	-	-	-	-
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	3	12.9	4	6.1	4	16.4	2	27.6
CEREBRAL THROMBOSIS & EMBOLISM (434)	1	4.3	7	10.7	-	-	1	13.8
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	11	47.2	24	36.8	12	49.2	3	41.4
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	-	-	-	-	2	8.2	1	13.8
ARTERIOSCLEROSIS (440)	1	4.3	12	18.4	-	-	1	13.8
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	7	30.0	7	10.7	6	24.6	1	13.8
VENOUS THROMBOSIS & EMBOLISM (451-453)	-	-	1	1.5	-	-	-	-
PNEUMONIA (480-486)	7	30.0	20	30.7	6	24.6	3	41.4
INFLUENZA (487)	-	-	2	3.1	-	-	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	18	77.3	39	59.8	13	53.3	2	27.6
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	-	-	3	4.6	-	-	-	-
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	-	-	1	1.5	2	8.2	-	-
CIRRHOSIS OF THE LIVER (571)	1	4.3	11	16.9	4	16.4	2	27.6
ALCOHOLIC CIRRHOSIS (571.0-571.3)	1	4.3	8	12.3	3	12.3	2	27.6
DISEASES OF THE GALLBLADDER (574-576)	1	4.3	1	1.5	1	4.1	-	-
NEPHRITIS & NEPHROSIS (580-589)	-	-	2	3.1	-	-	2	27.6
INFECTIONS OF THE KIDNEY (590)	-	-	-	-	-	-	-	-
DISEASES OF MALE GENITAL ORGANS (600-608)	-	-	-	-	-	-	-	-
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	-	-	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	4	6.1	-	-	-	-
CERTAIN CAUSES IN EARLY INFANCY (760-779)	1	4.3	3	4.6	1	4.1	-	-
SUDDEN INFANT DEATH SYNDROME (798.0)	2	8.6	1	1.5	-	-	-	1.5
UNINTENTIONAL INJURIES (800-949)	15	64.4	32	49.1	6	24.6	8	9.1
MOTOR VEHICLE-RELATED (810-825)	9	38.6	21	32.2	-	-	5	2.2
SUICIDES (950-959)	3	12.9	11	16.9	4	16.4	2	6.9
HOMICIDES (960-978)	-	-	2	3.1	1	4.1	-	3.1
INJURIES OF UNDETERMINED MANNER (980-989)	-	-	1	1.5	-	-	-	1.5

TABLE 6-33. DEATHS BY SELECTED CAUSES BY COUNTY, OREGON RESIDENTS, 1995 (CONTINUED)

SELECTED CAUSES OF DEATH	COUNTY OF RESIDENCE							
	WASCO		WASHINGTON		WHEELER		YAMHILL	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
TOTAL	285	1261.1	2365	639.2	17	1096.8	621	832.4
TUBERCULOSIS (010-018, 137)	-	-	1	0.3	-	-	-	-
SEPTICEMIA (038)	1	4.4	3	0.8	-	-	2	2.7
AIDS (042-044)	1	4.4	27	7.3	-	-	3	4.0
VIRAL HEPATITIS (070)	-	-	2	0.5	-	-	-	-
OTHER INFECTIVE & PARASITIC DISEASES (RESIDUAL 001-139)	1	4.4	11	3.0	-	-	1	1.3
MALIGNANT NEOPLASMS (140-208)	75	331.9	586	158.4	2	129.0	159	213.1
BUCCAL CAVITY & PHARYNX (140-149)	1	4.4	8	2.2	-	-	1	1.3
DIGESTIVE ORGANS & PERITONEUM (150-159)	20	88.5	133	35.9	-	-	37	49.6
LARGE INTESTINE (153)	8	35.4	59	15.9	-	-	14	18.8
PANCREAS (157)	5	22.1	32	8.6	-	-	4	5.4
RESPIRATORY/INTRATHORACIC ORGANS (160-165)	23	101.8	163	44.1	-	-	45	60.3
BRONCHUS AND LUNG (162.2-162.9)	22	97.3	155	41.9	-	-	43	57.6
MALIGNANT MELANOMA (172)	-	-	17	4.6	-	-	3	4.0
OTHER SKIN (173)	-	-	1	0.3	-	-	-	-
BREAST (174-175)	3	13.3	48	13.0	-	-	7	9.4
GENITAL ORGANS (179-187)	10	44.2	61	16.5	2	129.0	24	32.2
CERVIX & UTERUS (179-182)	1	4.4	8	2.2	1	64.5	5	6.7
OVARY (183.0)	2	8.8	10	2.7	-	-	1	1.3
PROSTATE (185)	6	26.5	41	11.1	1	64.5	17	22.8
URINARY ORGANS (188-189)	2	8.8	31	8.4	-	-	10	13.4
LEUKEMIA (204-208)	4	17.7	21	5.7	-	-	8	10.7
BENIGN NEOPLASMS (210-229)	-	-	2	0.5	1	64.5	1	1.3
IN SITU, UNCERT. BEHAV. & UNSPEC. NATURE NEOPL. (230-239)	-	-	6	1.6	-	-	1	1.3
DIABETES MELLITUS (250)	11	48.7	53	14.3	-	-	25	33.5
NUTRITIONAL DEFICIENCIES (260-269)	-	-	1	0.3	-	-	3	4.0
ANEMIAS (280-285)	1	4.4	3	0.8	-	-	-	-
ALZHEIMER'S DEMENTIA (290.1)	1	4.4	21	5.7	-	-	10	13.4
ALCOHOLIC PSYCHOSES & ALCOHOLISM (291, 303)	-	-	6	1.6	-	-	2	2.7
DRUG DEPENDENCE (304)	-	-	2	0.5	-	-	1	1.3
MENINGITIS (320-322)	1	4.4	2	0.5	-	-	-	-
ALZHEIMER'S DISEASE (331.0)	5	22.1	43	11.6	-	-	18	24.1
PARKINSON'S DISEASE (332)	3	13.3	27	7.3	-	-	7	9.4
EPILEPSY (345)	-	-	4	1.1	-	-	1	1.3
MAJOR CARDIOVASCULAR DISEASES (390-448)	112	495.6	934	252.4	8	516.1	248	332.4
DISEASES OF THE HEART (390-398, 402, 404-429)	85	376.1	600	162.2	5	322.6	175	234.6
RHEUMATIC FEVER & CHRONIC RHEUM. HEART DIS. (390-398)	-	-	5	1.4	-	-	3	4.0
HYPERTENSIVE HEART DISEASE W/WO RENAL DIS.(402, 404)	6	26.5	22	5.9	-	-	2	2.7
ISCHEMIC HEART DISEASE (410-414)	62	274.3	398	107.6	5	322.6	124	166.2
MYOCARDIAL INFARCTION (410)	21	92.9	154	41.6	1	64.5	41	55.0
OTHER ACUTE & SUBACUTE (411)	-	-	1	0.3	-	-	-	-
CHRONIC ISCHEMIC HEART DISEASE (412-414)	41	181.4	243	65.7	4	258.1	83	111.3
ALL OTHER FORMS (415-429)	17	75.2	175	47.3	-	-	46	61.7
HYPERTENSION (401, 403)	1	4.4	11	3.0	-	-	1	1.3
CEREBROVASCULAR DISEASE (430-438)	21	92.9	237	64.1	2	129.0	58	77.7
SUBARACHNOID HEMORRHAGE (430)	1	4.4	5	1.4	-	-	1	1.3
INTRACEREBRAL & INTRACRANIAL HEMORRHAGES (431-432)	3	13.3	38	10.3	1	64.5	7	9.4
CEREBRAL THROMBOSIS & EMBOLISM (434)	2	8.8	19	5.1	-	-	7	9.4
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE (436)	13	57.5	148	40.0	1	64.5	36	48.3
GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE (437)	1	4.4	13	3.5	-	-	5	6.7
ARTERIOSCLEROSIS (440)	1	4.4	56	15.1	-	-	7	9.4
OTHER DIS. OF ARTERIES, ARTERIOLES & CAPILLARIES (441-448)	4	17.7	30	8.1	1	64.5	7	9.4
VENOUS THROMBOSIS & EMBOLISM (451-453)	-	-	1	0.3	-	-	-	-
PNEUMONIA (480-486)	9	39.8	72	19.5	-	-	16	21.4
INFLUENZA (487)	-	-	-	-	-	-	-	-
BRONCHITIS, EMPHYSEMA, ASTHMA AND COPD (490-496)	23	101.8	99	26.8	3	193.5	25	33.5
GASTRIC, DUODENAL, AND PEPTIC ULCER (531-533)	1	4.4	3	0.8	-	-	2	2.7
HERNIA & INTESTINAL OBSTRUCTION (550-553, 560)	1	4.4	8	2.2	-	-	2	2.7
CIRRHOSIS OF THE LIVER (571)	3	13.3	22	5.9	-	-	5	6.7
ALCOHOLIC CIRRHOSIS (571.0-571.3)	3	13.3	19	5.1	-	-	4	5.4
DISEASES OF THE GALLBLADDER (574-576)	-	-	7	1.9	-	-	2	2.7
NEPHRITIS & NEPHROSIS (580-589)	-	-	12	3.2	-	-	6	8.0
INFECTIONS OF THE KIDNEY (590)	1	4.4	1	0.3	-	-	1	1.3
DISEASES OF MALE GENITAL ORGANS (600-608)	-	-	1	0.3	-	-	1	1.3
DISEASES OF FEMALE GENITAL ORGANS (614-629)	-	-	-	-	-	-	-	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, ETC. (630-676)	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	4.4	20	5.4	-	-	3	4.0
CERTAIN CAUSES IN EARLY INFANCY (760-779)	-	-	8	2.2	-	-	-	-
SUDDEN INFANT DEATH SYNDROME (798.0)	-	-	6	1.6	-	-	2	2.7
UNINTENTIONAL INJURIES (800-949)	9	39.8	104	28.1	-	-	20	26.8
MOTOR VEHICLE-RELATED (810-825)	5	22.1	38	10.3	-	-	8	10.7
SUICIDES (950-959)	7	31.0	39	10.5	-	-	12	16.1
HOMICIDES (960-978)	1	4.4	11	3.0	-	-	2	2.7
INJURIES OF UNDETERMINED MANNER (980-989)	-	-	4	1.1	-	-	-	-

TABLE 6-34.
CAUSES MENTIONED ON THE DEATH CERTIFICATE BUT WHICH WERE NOT
THE UNDERLYING CAUSE OF DEATH, BY COUNTY OF RESIDENCE, OREGON,
1995

COUNTY OF RESIDENCE	HEART DISEASE	CANCER	CEREBRO-VASCULAR DISEASE	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	PNEUMONIA AND INFLUENZA	DIABETES	ALZHEIMER'S DISEASE AND DEMENTIA	ALCOHOLISM*	HYPERTENSION	ACQUIRED IMMUNE DEFICIENCY SYNDROME
TOTAL	3,689	839	1,302	1,774	1,291	1,688	446	282	1,868	25
BAKER	10	2	3	12	9	10	2	1	5	-
BENTON	55	15	34	39	29	28	5	2	27	-
CLACKAMAS	312	68	111	115	113	136	40	19	141	2
CLATSOP	58	12	18	27	15	25	5	6	23	-
COLUMBIA	48	7	21	27	21	29	2	4	24	-
COOS	115	25	33	77	32	52	12	8	44	-
CROOK	29	7	7	16	7	18	2	7	21	-
CURRY	40	8	13	18	20	5	7	3	9	-
DESCHUTES	95	23	36	32	21	42	8	7	43	-
DOUGLAS	181	32	52	96	66	63	26	20	67	-
GILLIAM	3	1	3	2	2	1	1	-	1	-
GRANT	5	4	-	5	1	1	-	-	2	-
HARNEY	9	1	5	9	1	5	1	-	4	-
HOOD RIVER	17	5	3	11	6	9	1	1	9	-
JACKSON	203	38	87	103	56	85	18	28	118	2
JEFFERSON	15	8	2	7	6	10	9	2	15	1
JOSEPHINE	116	33	40	72	26	65	9	15	71	-
KLAMATH	95	14	25	50	46	33	6	7	48	-
LAKE	11	1	7	8	5	8	2	-	2	-
LANE	355	75	113	167	110	165	48	23	174	1
LINCOLN	65	12	15	37	25	29	5	7	23	-
LINN	115	20	49	74	43	66	28	8	64	-
MALHEUR	24	5	5	13	5	12	4	3	8	1
MARION	336	71	112	167	102	158	37	21	172	2
MORROW	24	3	3	7	1	4	1	4	16	-
MULTNOMAH	655	184	284	294	272	332	65	58	378	13
POLK	70	17	28	29	32	30	14	1	47	-
SHERMAN	-	-	-	1	-	2	2	-	3	-
TILLAMOOK	37	10	11	23	11	20	4	5	24	-
UMATILLA	87	20	20	52	32	47	13	5	37	-
UNION	24	3	16	13	13	14	2	2	15	-
WALLOWA	17	2	5	7	8	5	2	-	9	-
WASCO	53	14	13	23	7	19	2	2	26	-
WASHINGTON	320	80	101	112	117	119	52	11	147	2
WHEELER	5	1	-	-	1	-	1	-	1	-
YAMHILL	85	18	27	29	30	41	10	2	50	1

- Quantity is zero.

* Includes alcoholic liver disease, alcoholic gastritis, alcoholic polyneuropathy, alcoholic cardiomyopathy, and alcoholic psychosis.

TABLE 6-35.
CAUSES MENTIONED ON THE DEATH CERTIFICATE BUT WHICH WERE NOT THE
UNDERLYING CAUSE OF DEATH, BY AGE AND SEX, OREGON RESIDENTS, 1995

AGE AND SEX	HEART DISEASE	CANCER	CEREBRO-VASCULAR DISEASE	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	PNEUMONIA AND INFLUENZA	DIABETES	ALZHEIMER'S DISEASE AND DEMENTIA	ALCOHOLISM*	HYPERTENSION	ACQUIRED IMMUNE DEFICIENCY SYNDROME
BOTH SEXES	3,689	839	1,302	1,774	1,291	1,688	446	282	1,868	25
< 1	11	-	1	-	4	-	-	-	-	-
1-4	8	-	-	-	4	1	-	-	-	-
5-14	6	1	1	-	3	-	-	-	-	-
15-24	13	1	1	-	5	-	-	5	-	-
25-34	18	17	1	2	18	11	-	11	1	5
35-44	74	31	6	9	47	24	1	27	15	11
45-54	125	32	33	41	46	57	-	56	50	6
55-64	306	45	67	151	56	181	3	55	146	1
65-74	749	176	235	539	235	446	29	67	409	2
75-84	1,315	313	531	729	453	633	177	50	676	-
85-94	909	198	376	283	371	305	203	11	493	-
95+	155	25	50	20	49	30	33	-	78	-
MALES	1,825	534	583	969	685	811	172	223	727	24
< 1	5	-	1	-	1	-	-	-	-	-
1-4	5	-	-	-	-	-	-	-	-	-
5-14	4	-	1	-	1	-	-	-	-	-
15-24	11	-	-	-	4	-	-	3	-	-
25-34	7	16	-	1	11	7	-	10	1	5
35-44	52	30	3	8	36	13	1	23	12	10
45-54	77	22	15	22	29	34	-	45	35	6
55-64	179	24	39	87	32	102	2	44	83	1
65-74	415	102	130	312	135	224	16	49	194	2
75-84	667	205	247	386	258	294	81	38	252	-
85-94	367	124	136	149	169	132	70	11	142	-
95+	36	11	11	4	9	5	2	-	8	-
FEMALES	1,864	305	719	805	606	877	274	59	1,141	1
< 1	6	-	-	-	3	-	-	-	-	-
1-4	3	-	-	-	4	1	-	-	-	-
5-14	2	1	-	-	2	-	-	-	-	-
15-24	2	1	1	-	1	-	-	2	-	-
25-34	11	1	1	1	7	4	-	1	-	-
35-44	22	1	3	1	11	11	-	4	3	1
45-54	48	10	18	19	17	23	-	11	15	-
55-64	127	21	28	64	24	79	1	11	63	-
65-74	334	74	105	227	100	222	13	18	215	-
75-84	648	108	284	343	195	339	96	12	424	-
85-94	542	74	240	134	202	173	133	-	351	-
95+	119	14	39	16	40	25	31	-	70	-

- Quantity is zero.

* Includes alcoholic liver disease, alcoholic gastritis, alcoholic polyneuropathy, alcoholic cardiomyopathy, and alcoholic psychosis.

**TABLE 6-36.
DEATHS DUE TO FIREARMS BY MANNER, SEX, AGE, RACE/ETHNICITY,
COUNTY OF RESIDENCE, AND WEAPON TYPE, OREGON RESIDENTS, 1995**

DEMOGRAPHIC CHARACTERISTICS	TOTAL	UNINTENTIONAL INJURIES			SUICIDE			HOMICIDE ¹			UNDETERMINED MANNER		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	439	14	13	1	323	278	45	96	70	26	6	6	-
AGE													
0-14	12	4	3	1	2	1	1	6	1	5	-	-	-
15-17	30	3	3	-	16	13	3	10	8	2	1	1	-
18-19	18	2	2	-	10	8	2	5	3	2	1	1	-
20-24	48	1	1	-	27	25	2	17	15	2	3	3	-
25-34	82	1	1	-	58	50	8	23	18	5	-	-	-
35-44	75	2	2	-	52	44	8	20	13	7	1	1	-
45-54	59	-	-	-	47	40	7	12	10	2	-	-	-
55-64	24	-	-	-	23	17	6	1	1	-	-	-	-
65-74	41	1	1	-	38	32	6	2	1	1	-	-	-
75-84	40	-	-	-	40	38	2	-	-	-	-	-	-
85+	10	-	-	-	10	10	-	-	-	-	-	-	-
RACE/ETHNICITY													
WHITE	410	14	13	1	312	269	43	79	54	25	5	5	-
AFRICAN AMERICAN	18	-	-	-	3	3	-	14	13	1	1	1	-
INDIAN	7	-	-	-	5	4	1	2	2	-	-	-	-
OTHER	4	-	-	-	3	2	1	1	1	-	-	-	-
HISPANIC ²	27	2	2	-	9	7	2	15	13	2	1	1	-
SELECTED COUNTIES													
CLACKAMAS	35	2	1	1	31	29	2	2	2	-	-	-	-
COOS	16	1	1	-	13	12	1	2	1	1	-	-	-
DOUGLAS	34	1	1	-	23	22	1	10	5	5	-	-	-
JACKSON	21	1	1	-	18	14	4	2	2	-	-	-	-
JOSEPHINE	15	1	1	-	11	8	3	3	3	-	-	-	-
LANE	51	1	1	-	35	31	4	14	11	3	1	1	-
MARION	35	-	-	-	20	19	1	15	9	6	-	-	-
MULTNOMAH	82	1	1	-	50	44	6	26	21	5	5	5	-
WASHINGTON	29	2	2	-	20	13	7	7	5	2	-	-	-
ALL OTHERS	121	4	4	-	102	86	16	15	11	4	-	-	-
WEAPON TYPE													
HANDGUN	243	6	6	-	183	149	34	48	35	13	6	6	-
SHOTGUN	71	3	3	-	61	58	3	7	2	5	-	-	-
RIFLE	94	4	3	1	77	69	8	13	8	5	-	-	-
MILITARY FIREARMS	3	-	-	-	1	1	-	2	2	-	-	-	-
UNSPECIFIED	28	1	1	-	1	1	-	26	23	3	-	-	-

¹ Includes legal intervention.

² Hispanics may be of any race.

TABLE 6-37.
SELECTED CAUSES OF DEATH BY CITY OF RESIDENCE, OREGON, 1995

CITY OF RESIDENCE	POPULATION	TOTAL DEATHS	RATE	HEART DISEASE	CANCER	CEREBROVASCULAR DISEASE	COPD	UNINTENTIONAL INJURIES	PNEUMONIA AND INFLUENZA	DIABETES	ALZHEIMER'S DISEASE	SUICIDE
OREGON	3,132,000	28,190	900.1	7,529	6,824	2,483	1,460	1,293	899	705	688	526
ALBANY	36,205	345	952.9	102	90	24	19	20	21	4	7	1
ASHLAND	17,985	118	656.1	29	31	7	4	6	6	2	1	-
ASTORIA	10,100	115	1,138.6	43	27	4	8	3	2	2	1	3
BEAVERTON	61,720	570	923.5	137	140	55	25	27	15	11	13	8
BEND	30,630	297	969.6	87	75	21	14	12	9	4	4	6
CANBY	10,855	110	1,013.4	38	25	12	3	3	5	5	1	1
COOS BAY	15,430	215	1,393.4	66	53	14	11	5	4	4	4	4
CORVALLIS	47,485	303	638.1	85	67	29	12	10	11	11	8	7
DALLAS	10,850	163	1,502.3	47	53	16	5	2	6	3	6	1
EUGENE	121,905	1,089	893.3	251	243	96	64	56	24	33	41	29
FOREST GROVE	14,755	208	1,410.0	60	36	25	14	6	7	5	3	1
GLADSTONE	11,475	90	784.3	25	18	7	4	3	3	2	1	5
GRANTS PASS	19,660	320	1,627.7	80	67	35	17	12	4	4	13	9
GRESHAM	77,240	616	797.5	155	137	64	42	28	17	11	21	2
HERMISTON	10,605	99	933.5	26	23	6	5	1	3	5	2	3
HILLSBORO	46,160	284	615.3	75	68	33	12	12	6	5	9	5
KEIZER	26,320	204	775.1	59	56	25	7	3	5	9	1	1
KLAMATH FALLS	18,680	213	1,140.3	43	51	11	10	11	6	9	9	3
LA GRANDE	12,370	127	1026.7	34	29	9	8	4	4	3	4	2
LAKE OSWEGO	33,145	216	651.7	52	71	17	9	11	2	4	7	3
LEBANON	11,780	184	1562.0	55	44	14	14	8	5	3	2	4
MCMINNVILLE	22,140	224	1,011.7	49	69	24	8	6	6	9	18	4
MEDFORD	55,090	738	1,339.6	192	166	89	29	24	25	20	23	14
MILWAUKIE	20,015	495	2,473.1	123	135	42	19	18	24	12	13	3
NEWBERG	15,285	130	850.5	50	23	9	2	2	1	7	5	1
OREGON CITY	18,980	197	1,037.9	65	33	16	13	6	10	5	6	1
PENDLETON	15,930	146	916.5	36	31	11	13	4	8	5	2	4
PORTLAND	497,600	4,867	978.1	1,235	1,090	440	231	212	175	121	102	90
ROSEBURG	19,220	279	1,451.6	85	50	26	18	14	11	8	7	6
SALEM	118,355	1,335	1128.0	351	331	154	68	69	37	26	25	27
SPRINGFIELD	49,005	464	946.8	132	109	38	27	12	12	14	6	8
THE DALLES	11,355	183	1,611.6	65	38	14	15	4	8	7	3	6
TIGARD	35,000	302	862.9	73	87	40	7	5	6	10	13	7
TROUTDALE	11,450	51	445.4	11	7	4	3	5	3	1	-	2
TUALATIN	18,750	52	277.3	11	12	3	1	1	3	1	4	2
WEST LINN	19,370	119	614.4	30	22	17	6	5	11	-	2	3
WOODBURN	15,475	204	1,318.3	55	55	25	11	7	6	4	9	2

- Quantity is zero.

Rates per 100,000 population.

TABLE 6-38.
UNINTENTIONAL DEATHS DUE TO DROWNINGS OCCURRING IN OREGON,
BY SEX, AGE, COUNTY OF INJURY, AND MANNER OF DROWNING, 1995

DEMOGRAPHIC CHARACTERISTICS	TOTAL	BOATING	RECREATION	NON-RECREATION	BATHTUB	FALL INTO WATER	SWIMMING POOL & NOT STATED
TOTAL	75	18	16	-	8	11	22
SEX							
MALE	59	15	15	-	3	8	18
FEMALE	16	3	1	-	5	3	4
AGE							
<1	2	-	-	-	1	-	1
1-4	8	-	-	-	1	2	5
5-14	7	-	5	-	-	1	1
15-17	7	2	4	-	-	1	-
18-19	3	1	-	-	-	-	2
20-24	6	-	1	-	-	2	3
25-34	13	3	4	-	2	1	3
35-44	14	8	2	-	2	-	2
45-54	7	2	-	-	-	2	3
55-64	4	1	-	-	-	1	2
65-74	1	1	-	-	-	-	-
75+	3	-	-	-	2	1	-
COUNTY							
BAKER	1	-	1	-	-	-	-
CLACKAMAS	7	-	-	-	1	-	6
CLATSOP	3	-	-	-	-	2	1
COLUMBIA	1	-	-	-	-	-	1
COOS	7	2	1	-	1	2	1
CROOK	1	-	1	-	-	-	-
CURRY	1	1	-	-	-	-	-
DESCHUTES	1	-	1	-	-	-	-
DOUGLAS	7	3	2	-	-	2	-
HOOD RIVER	1	-	1	-	-	-	-
JACKSON	3	1	1	-	-	1	-
JOSEPHINE	2	-	1	-	1	-	-
LAKE	1	-	1	-	-	-	-
LANE	11	3	1	-	2	2	3
LINCOLN	2	1	1	-	-	-	-
LINN	4	1	1	-	-	-	2
MALHEUR	1	-	-	-	1	-	-
MARION	5	1	1	-	-	1	2
MORROW	1	-	1	-	-	-	-
MULTNOMAH	6	2	-	-	1	-	3
POLK	1	-	-	-	-	-	1
TILLAMOOK	4	3	-	-	-	-	1
UMATILLA	1	-	1	-	-	-	-
WASCO	1	-	-	-	-	1	-
WASHINGTON	2	-	-	-	1	-	1

NOTE: Boating includes all unintentional drownings resulting from boating mishaps but not deaths resulting from voluntarily jumping from a boat. Recreation includes water skiing, scuba diving, playing in water, etc. Non-recreation includes the (attempted) rescue of another person and other non-recreational swimming. Only counties with at least one drowning death are shown.

TABLE 6-39.
SELECTED CAUSES OF DEATH AMONG INFANTS, CHILDREN AND ADOLESCENTS,
BY AGE, OREGON RESIDENTS LESS THAN 20 YEARS OLD, 1995

CAUSE OF DEATH	TOTAL	AGE GROUPS								
		0-17	1-17	13-19	UNDER 1	1-4	5-9	10-14	15-17	18-19
TOTAL	633	539	277	240	262	70	36	61	110	94
TOTAL NATURAL CAUSES	345	332	90	41	242	32	17	22	19	13
CONGENITAL ANOMALIES	77	73	19	7	54	8	3	8	-	4
SIDS	76	76	-	-	76	-	-	-	-	-
PERINATAL CONDITIONS	76	76	1	-	75	-	1	-	-	-
CANCER	29	25	24	16	1	7	4	3	10	4
HEART DISEASE	8	7	3	2	4	1	-	1	1	1
CEREBRAL PALSY	7	7	6	2	1	-	3	3	-	-
MENINGOCOCCAL INFECTION	6	5	3	1	2	3	-	-	-	1
PNEUMONIA & INFLUENZA	1	1	-	-	1	-	-	-	-	-
OTHER	65	62	34	13	28	13	6	7	8	3
TOTAL EXTERNAL CAUSES	288	207	187	199	20	38	19	39	91	81
UNINTENTIONAL INJURIES	198	144	133	127	11	32	18	30	53	54
MOTOR VEHICLE CRASH	118	79	76	86	3	14	12	17	33	39
DROWNING*	29	26	24	13	2	8	2	6	8	3
SUFFOCATION	9	9	6	2	3	3	1	1	1	-
GUNSHOT WOUND	9	7	7	8	-	-	1	3	3	2
FIRES	9	8	7	2	1	4	2	-	1	1
FALLS	4	2	1	3	1	-	-	-	1	2
POISONING (EXCEPT GAS)	3	2	2	2	-	1	-	-	1	1
OTHER	17	11	10	11	1	2	-	3	5	6
SUICIDE	43	27	27	42	-	-	-	5	22	16
GUNSHOT WOUND	28	18	18	28	-	-	-	2	16	10
HANGING	10	7	7	10	-	-	-	2	5	3
OTHER	5	2	2	4	-	-	-	1	1	3
HOMICIDE	26	22	26	4	3	1	3	15	9	
GUNSHOT WOUND	21	16	15	16	1	2	1	2	10	5
CUTTING	4	2	1	4	-	-	-	1	1	2
CHILD ABUSE/NEGLECT	3	3	1	-	2	1	-	-	-	-
OTHER	8	6	4	6	2	-	-	-	4	2
UNDETERMINED MANNER	10	5	4	5	3	-	1	1	2	
GUNSHOT WOUND	2	1	1	2	-	-	-	-	1	1
OTHER	10	9	4	2	5	3	-	1	-	1
GUNSHOT (ANY MANNER)	60	42	41	54	1	2	2	7	30	18

* Includes both drownings that involved watercraft (ICD9: 830, 832) as well as those that did not (ICD9: 910).

TABLE 6-40.
PLACE OF DEATH BY SEX, AGE, AND SELECTED CAUSES OF DEATH, OREGON
RESIDENTS, 1995

SEX, AGE, AND CAUSE	TOTAL		HOSPITAL		GOV'T INST		NURSING HOME		JAIL		HOME		OTHER	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
TOTAL	28,190	100.0	8,986	31.9	343	1.2	8,706	30.9	20	0.1	8,705	30.9	1,430	5.1
SEX														
MALES	14,274	100.0	4,816	33.7	330	2.3	3,354	23.5	19	.1	4,766	33.4	989	6.9
FEMALES	13,916	100.0	4,170	30.0	13	.1	5,352	38.5	1	.0	3,939	28.3	441	3.2
AGE GROUPS														
< 1	262	100.0	209	79.8	-	-	-	-	-	-	41	15.6	12	4.6
1-4	70	100.0	44	62.9	-	-	-	-	-	-	13	18.6	13	18.6
5-14	97	100.0	53	54.6	-	-	-	-	-	-	15	15.5	29	29.9
15-24	389	100.0	124	31.9	-	-	4	1.0	3	0.8	84	21.6	174	44.7
25-34	543	100.0	155	28.5	2	0.4	34	6.3	2	.4	160	29.5	190	35.0
35-44	1,129	100.0	399	35.3	15	1.3	86	7.6	6	.5	385	34.1	238	21.1
45-54	1,602	100.0	632	39.5	17	1.1	134	8.4	4	.2	628	39.2	187	11.7
55-64	2,525	100.0	998	39.5	65	2.6	278	11.0	4	.2	1,040	41.2	140	5.5
65-74	5,642	100.0	2,086	37.0	141	2.5	1,032	18.3	1	.0	2,198	39.0	184	3.3
75-84	8,579	100.0	2,789	32.5	85	1.0	2,949	34.4	-	-	2,583	30.1	173	2.0
85-94	6,180	100.0	1,367	22.1	12	.2	3,365	54.4	-	-	1,359	22.0	77	1.2
95+	1,172	100.0	130	11.1	6	.5	824	70.3	-	-	199	17.0	13	1.1
CAUSE														
HEART DISEASE	7,529	100.0	2,916	38.7	74	1.0	2,053	27.3	9	0.1	2,204	29.3	273	3.6
CANCER	6,824	100.0	1,473	21.6	113	1.7	1,595	23.4	1	.0	3,475	50.9	167	2.4
CEREBROVASCULAR DISEASE	2,483	100.0	807	32.5	16	.6	1,330	53.6	-	-	314	12.6	16	.6
UNINTENTIONAL INJURIES	1,293	100.0	465	36.0	4	.3	94	7.3	-	-	139	10.8	591	45.7
COPD	1,460	100.0	521	35.7	19	1.3	451	30.9	-	-	452	31.0	17	1.2
PNEUMONIA & INFLUENZA	899	100.0	355	39.5	17	1.9	455	50.6	-	-	68	7.6	4	.4
DIABETES MELLITUS	705	100.0	242	34.3	11	1.6	247	35.0	-	-	198	28.1	7	1.0
SUICIDE	526	100.0	66	12.5	-	-	4	.8	7	1.3	311	59.1	138	26.2
OTHER ARTERY DISEASE	382	100.0	246	64.4	6	1.6	72	18.8	-	-	53	13.9	5	1.3
ALCOHOLIC DISEASES	358	100.0	146	40.8	11	3.1	56	15.6	2	.6	124	34.6	19	5.3
AIDS	333	100.0	81	24.3	1	.3	107	32.1	1	.3	136	40.8	7	2.1
ARTERIOSCLEROSIS	298	100.0	72	24.2	2	.7	146	49.0	-	-	74	24.8	4	1.3
HYPERTENSION	193	100.0	60	31.1	-	-	68	35.2	-	-	62	32.1	3	1.6
HOMICIDE	158	100.0	53	33.5	-	-	3	1.9	-	-	33	20.9	69	43.7
CONGENITAL ANOMALIES	146	100.0	88	60.3	1	.7	20	13.7	-	-	35	24.0	2	1.4
SIDS	76	100.0	46	60.5	-	-	-	-	-	-	25	32.9	5	6.6
PERINATAL CONDITIONS	76	100.0	74	97.4	-	-	-	-	-	-	2	2.6	-	-

**TABLE 6-41.
DEATH RATES FOR SELECTED LEADING CAUSES OF MORTALITY,
UNITED STATES, 1981-1995**

YEAR	TOTAL	HEART DISEASE	CANCER	CEREBROVASCULAR DISEASE	CHRONIC OBSTRUCTIVE PULMONARY DISEASE ¹	UNINTENTIONAL INJURIES	PNEUMONIA AND INFLUENZA	SUICIDE	DIABETES
1981	862.4	328.7	184.0	71.3	25.7	43.9	23.4	12.0	15.1
1982	852.0	326.0	187.2	68.0	25.8	40.6	21.1	12.2	14.9
1983	862.8	329.2	189.3	66.5	28.3	39.5	23.9	12.1	15.5
1984	862.3	323.5	191.8	65.3	29.2	39.3	24.9	12.4	15.1
1985	873.9	323.0	193.3	64.1	31.3	39.1	28.3	12.3	15.5
1986	873.2	317.5	194.7	62.1	31.8	39.5	29.0	12.8	15.4
1987	874.2	312.4	195.9	61.6	32.2	39.0	28.4	12.7	15.8
1988	882.0	311.3	197.3	61.2	33.7	39.5	31.6	12.4	16.4
1989	866.3	295.6	199.9	58.6	34.0	38.3	30.8	12.2	18.9
1990	863.8	289.5	203.2	57.9	34.9	37.0	32.0	12.4	19.2
1991	860.3	285.9	204.1	56.9	35.9	35.4	30.9	12.2	19.4
1992	852.9	281.4	204.1	56.4	36.0	34.0	29.7	12.0	19.6
1993	880.0	288.4	205.6	58.2	39.2	35.1	32.1	12.1	20.9
1994	875.4	281.3	205.2	58.9	39.0	35.1	31.3	12.0	21.8
1995	880.0	280.7	204.9	60.1	39.2	35.5	31.6	11.9	22.6

YEAR	ARTERIOSCLEROSIS	ALZHEIMER'S DISEASE ²	PERINATAL CONDITIONS	HOMICIDE ³	HYPERTENSION	ACQUIRED IMMUNE DEFICIENCY SYNDROME	PARKINSON'S DISEASE	CONGENITAL ANOMALIES	SUDDEN INFANT DEATH SYNDROME
1981	12.2	0.9	9.4	10.3	3.3	-	1.7	5.9	2.3
1982	11.6	1.2	9.0	9.6	3.3	-	1.8	5.9	2.3
1983	11.3	2.1	8.3	8.6	3.3	-	2.0	5.6	2.3
1984	10.3	2.9	8.0	8.4	3.3	-	2.1	5.5	2.2
1985	10.0	3.9	8.1	8.3	3.2	-	2.2	5.4	2.2
1986	9.4	4.5	7.6	9.0	3.3	-	2.3	5.2	2.2
1987	9.2	5.4	7.5	8.7	3.3	5.5	2.6	5.1	2.1
1988	9.0	6.2	7.4	9.0	3.4	6.8	2.6	5.2	2.2
1989	7.8	6.6	7.6	9.2	3.5	8.9	2.8	5.2	2.3
1990	7.3	7.1	7.1	10.0	3.7	10.1	2.9	5.3	2.2
1991	6.9	7.4	6.7	10.5	3.8	11.7	3.0	5.0	2.1
1992	6.6	7.7	6.2	10.0	4.0	13.2	3.0	4.9	1.9
1993	6.7	9.1	5.9	10.1	4.4	14.5	3.5	4.8	2.1
1994	6.6	10.4	5.6	9.6	4.5	16.2	3.8	4.6	1.8
1995	6.4	-	5.1	8.7	4.8	16.4	-	4.5	-

All rates per 100,000 population. A "-" indicates that the data is not available.

¹ COPD consists principally of bronchitis, emphysema, asthma, and chronic airway obstruction.

² Including Alzheimer's dementia.

³ Including legal intervention.

TABLE 6-42.
AGE-ADJUSTED DEATH RATES FOR RESIDENTS OF OREGON AND THE UNITED STATES FOR THE 20 LEADING CAUSES OF DEATH, 1994

CAUSE ¹	AGE-ADJUSTED RATE ²		PERCENT DIFFERENCE	STATE RANK ³	ICD-9 CODES*
	U.S.	OREGON			
TOTAL	507.1	469.6	-7.4	32	1-999
DISEASES OF THE HEART	140.5	108.7	-22.6	45	390-398, 402, 404-429
MALIGNANT NEOPLASMS	131.6	126.1	-4.0	33	140-208
CEREBROVASCULAR DISEASE	21.6	23.7	9.7	13	430-436
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	20.8	22.8	10.1	20	490-496
UNINTENDED INJURIES	53.0	56.3	6.2	22	800-949
PNEUMONIA AND INFLUENZA	12.8	10.2	-20.3	45	480-486
DIABETES MELLITUS	13.0	11.1	-14.6	38	250
ALZHEIMER'S DISEASE	3.6	5.7	58.3	4	290.1, 331.0
SUICIDE	11.3	15.4	36.3	10	950-959
OTHER DISEASES OF THE ARTERIES	5.2	5.3	1.9	26	441-448
ALCOHOLISM AND ALLIED CONDITIONS	4.8	5.5	14.6	15	291, 303.0, 305.0, 357.5, 425.5, 535.3, 571.0-571.3
ACQUIRED IMMUNE DEFICIENCY SYNDROME	15.3	9.4	-38.6	24	42-44
ARTERIOSCLEROSIS	2.3	3.0	30.4	11	440
HYPERTENSION WITH OR WITHOUT RENAL DISEASE	2.2	2.4	9.1	14	401, 403
PARKINSONISM	1.5	2.3	53.3	3	332
HOMICIDE AND LEGAL INTERVENTION	10.3	6.0	-41.7	31	960-979
CONGENITAL ANOMALIES	4.5	4.2	-6.7	35	740-760
NEPHRITIS AND NEPHROSIS	4.2	2.6	-38.1	46	580-586
SEPTICEMIA	3.9	2.3	-41.0	44	38
PERINATAL CONDITIONS	5.6	3.6	-35.7	46	760-779

¹ Listed in rank order by the number of deaths to Oregon residents.

² Rates are adjusted to the U.S. standard millin population and are per 100,000. Age-adjusted death rates allow the comparison of Oregon and the U.S. as if the population structure of each were identical. (Oregon's population older than the U.S. as a whole.) Any differences in rates are due to factors other than age. The rates in this table were calculated using the Center for Disease Control and Prevention's (CDC) WONDER (Wide-Ranging Online Data or Epidemiological Research) system. These rates vary slightly from rates published by the National Center for Health Statistics because of different population estimate methodologies.

³ Ranked from high (1) to low (51) among the 50 states and the District of Columbia.

* From the World Health Organization's International Classification of Disease, Ninth Edition.

NOTE: This table shows 1994 data because 1995 age-adjusted data were not available from the CDC.

Fetal and Infant Mortality

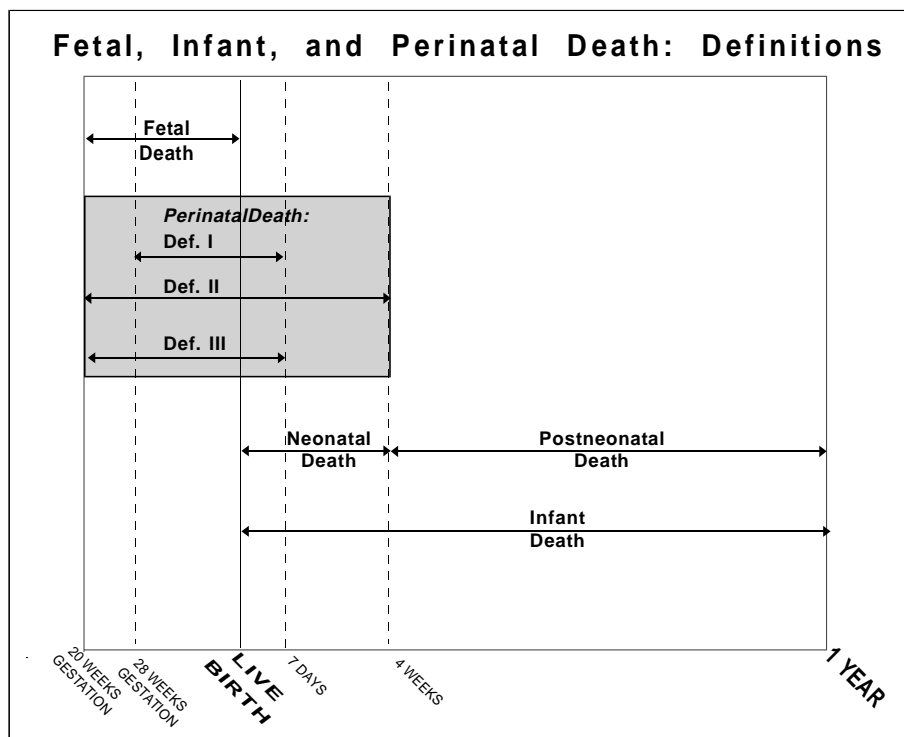
INTRODUCTION

This report presents fetal and infant mortality data spanning the period of 20 weeks gestation through one year after birth. Although fetal and infant mortality data are useful in statistically describing deaths within a given time frame, their fundamental purpose is to assist in discovering and evaluating preventive strategies to improve infant health. As an aid to understanding and monitoring health trends, this report divides fetal and infant deaths into five categories, which overlap and are not necessarily mutually exclusive: (1) fetal deaths, (2) perinatal deaths, (3) infant deaths, (4) neonatal deaths, and (5) postneonatal deaths, as defined by the National Center for Health Statistics (see diagram and definitions below).

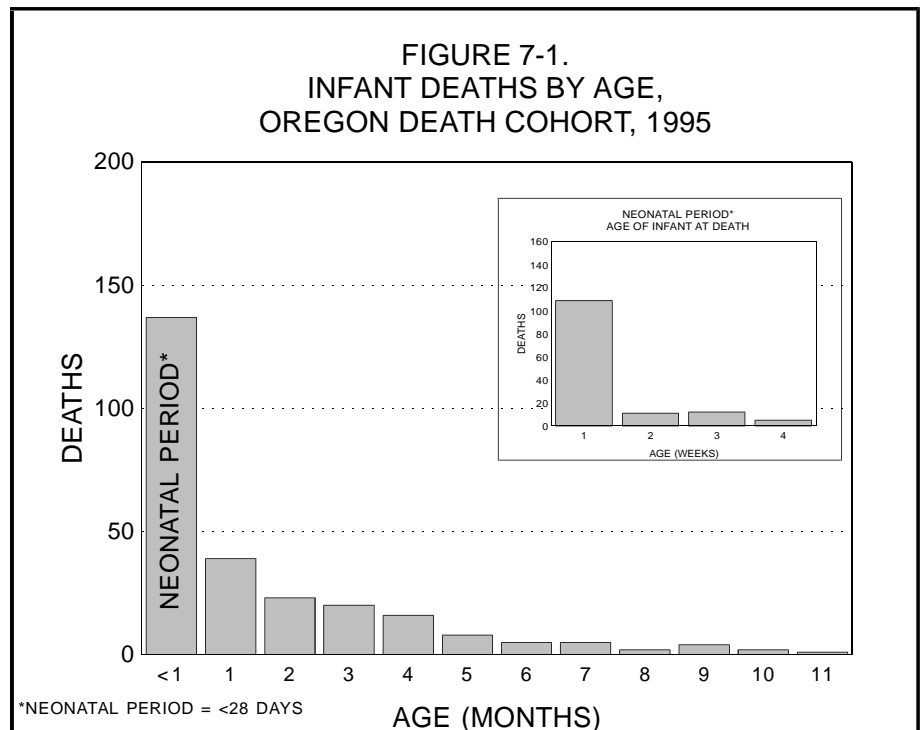
This report analyzes the above categories using these three databases: (1) fetal death cohort (2) death cohort and (3) birth cohort (see definitions below). National publications covering the subject may use one or any combination of these databases. As a result, death rates often vary slightly depending on which cohort was used as the source of the statistical data. Throughout this report, some tables display rates and ratios based on small numbers of events; therefore, use great caution in inferring causal relationships based solely on the data contained in these tables.

DEFINITIONS AND METHODOLOGY

Before analyzing fetal and infant death data, it is necessary to define their different components.



- **Fetal deaths** are those that occur after 20 weeks gestation in which the developing fetus dies either *in utero* or upon delivery. They are classified as “early” (20-27 weeks gestation) or “late” (28 weeks gestation or more), and Oregon Public Health and Safety Laws require that they be reported.
- **Infant deaths** are those that occur before a child's first birthday (i.e., measured from birth up through 364 days). Infant deaths include both neonatal and postneonatal deaths.
- **Neonatal deaths** occur during the first month of life, specifically from birth through the first 27 days. Neonatal deaths may be “early” (under 7 days) or “late” (7-27 days).
- **Postneonatal deaths** occur from day 28 through day 364 after an infant's birth. Even though the first calendar month may include 28, 29, 30, or 31 days, infant deaths after day 28 are counted as occurring in the second month of life.
- **Perinatal deaths-definition I** includes fetal deaths at 28 weeks gestation or more, and infant deaths of less than 7 days.
- **Perinatal deaths-definition II** includes fetal deaths at 20 weeks gestation or more and infant deaths of less than 28 days.
- A **fetal death cohort** includes all fetal deaths of at least 20 weeks gestation that occurred in any given calendar year.
- A **death cohort** includes all infant deaths that occurred in any given calendar year, regardless of birth year.
- A **birth cohort** includes all infants who die within one year of their birth.



USE OF THE 1995 DEATH COHORT

This report uses data from the death cohort for 1995 as the basis for analyzing infant deaths without maternal or birth characteristics, a standard demographic and health-status monitoring technique that yields the most timely and current information. Consistent longitudinal or historical data can be obtained more easily at national and local levels with a death cohort than a birth cohort because its use does not involve matching corresponding birth records.

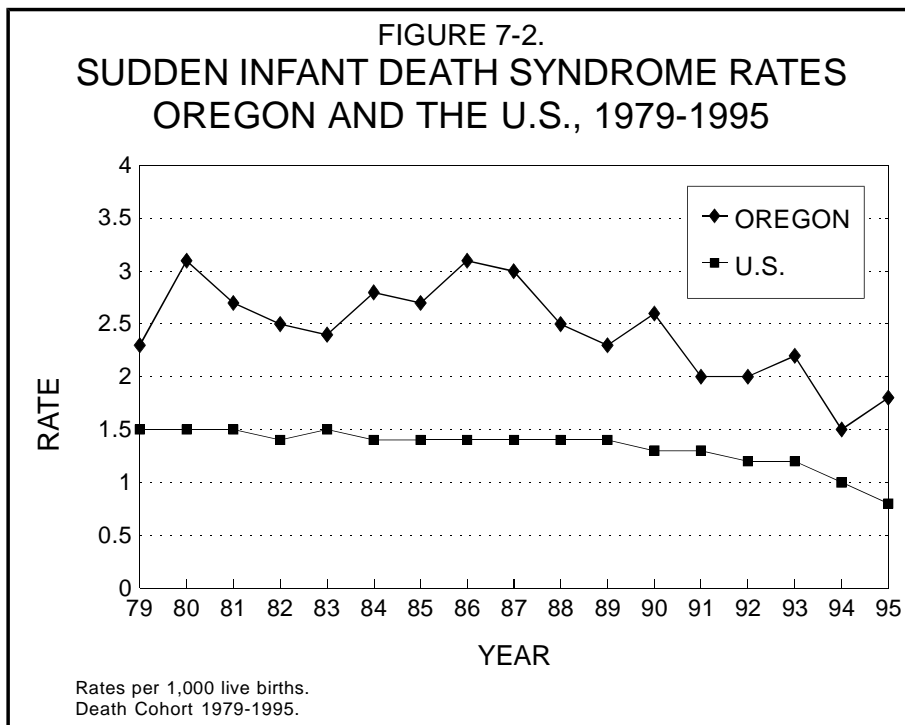
Infant characteristics at the time of death are derived from death certificates. The characteristics of interest are: age at death, county of residence at death, and underlying cause of death. Total age-specific and cause-specific mortality rates are computed by dividing the number of infant deaths in a calendar year by the number of births in the same calendar year.

INFANT DEATH: BASIC FACTS

Here are the basic statistics on infant deaths in Oregon during 1995:

- 262 infants under age one died.
- The infant death rate (6.1 per 1,000 births) decreased 14 percent from the previous year.
- Oregon's infant death rate is 20 percent lower than the U.S. 1995 rate (7.6). [Table 5-1].
- Most infants who died during 1995 were neonates (infants under 28 days old). [Figure 7-1]. Four out of five of those neonatal deaths occurred within the first week of life. Polk county's neonatal death rate was statistically significantly lower than the state rate (1.5 vs. 6.1). [Table 7-1].

***During 1995;
262 infants under
age one died.***



Sudden Infant Death Syndrome

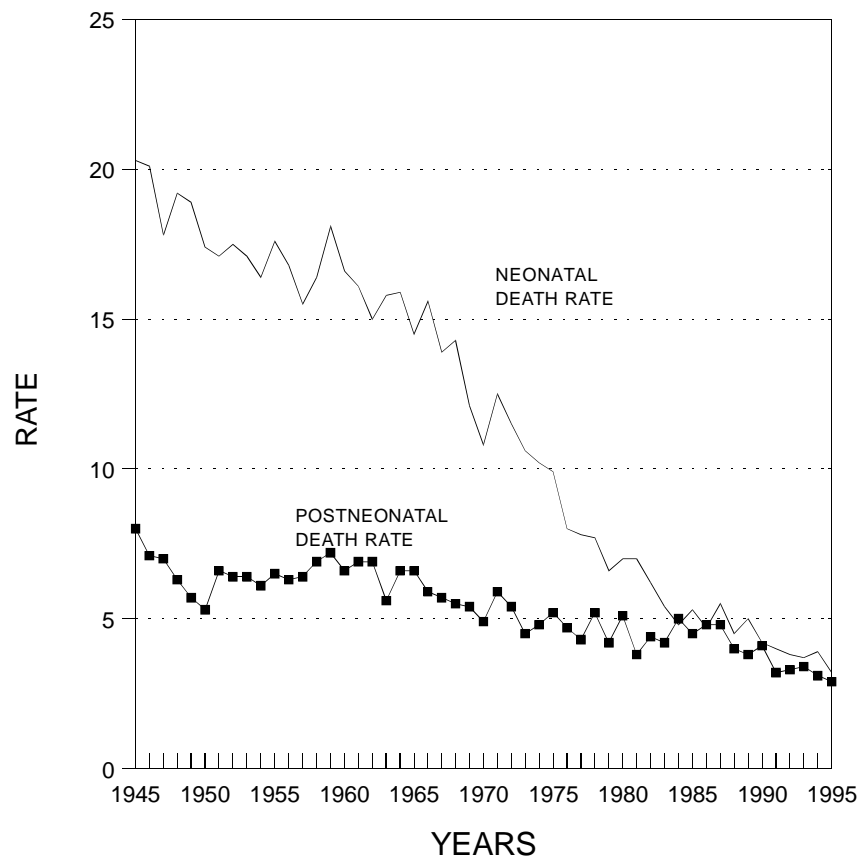
Sudden Infant Death Syndrome (SIDS) is the sudden and unexpected death of an apparently healthy infant. Historically it has been the leading cause of death for Oregon infants, most of which occur during the postneonatal period. [Table 7-2].

The number of SIDS deaths rose to 76 in 1995 from 63 deaths in 1994. In 1995, SIDS accounted for 29 percent of the state's total infant deaths and 55 percent of all postneonatal deaths. The 1995 Oregon SIDS death rate was 1.8 deaths per 1,000 live births, an increase from the 1994 rate of 1.5. [Figure 7-2]. However, the SIDS rate for 1994 was the lowest Oregon has recorded since the Health Division began tracking SIDS deaths in 1979.

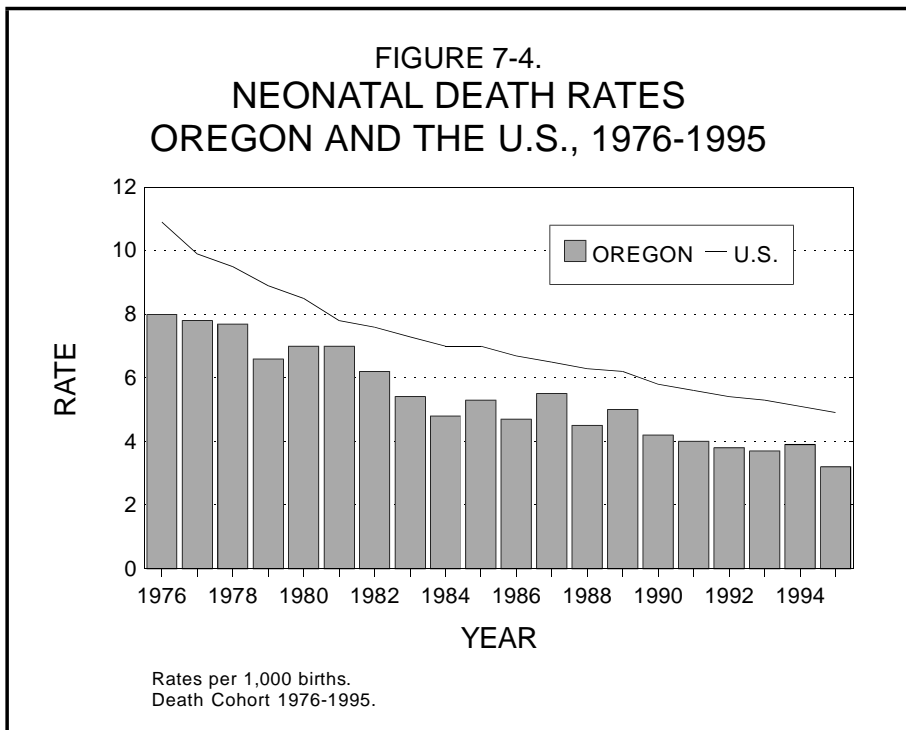
Nonetheless, the 1995 rate of SIDS deaths in Oregon is double the U.S. rate (1.8 versus 0.9) per 1,000 live births. Nationally, SIDS was responsible for 3,397 deaths in 1995 making it the third leading cause of infant mortality in the U.S. ² [Figure 7-2].

SIDS deaths rose to 76 in 1995 from 63 in 1994.

FIGURE 7-3.
NEONATAL AND POSTNEONATAL DEATH RATES,
OREGON RESIDENTS, 1945-1995



Rates per 1,000 births.
Death Cohort 1945-1995.



Several theories have been put forward based on SIDS research conducted in the late 1980s and early 1990s to explain SIDS, but as yet none have been universally accepted. Many risk factors for SIDS have been identified—e.g., low birthweight, teenage motherhood, maternal smoking, and infant sleeping position. In 1994, the American Academy of Pediatrics sponsored the national “Back to Sleep” campaign which promoted a non-prone sleeping position for infants, encouraged breast-feeding and discouraged infant exposure to tobacco smoke and overheating.²

NEONATAL DEATH

Neonatal and postneonatal death rates have been declining since 1945, but the neonatal death rate has declined more dramatically. In 1995, the neonatal death rate was only slightly higher than the postneonatal death rate (3.2 versus 2.9). [Figure 7-3].

In 1995, 137 infants died during the neonatal period, a decrease from the 164 deaths that occurred in 1994. Oregon's neonatal death rate has consistently been below that of the U.S. [Figure 7-4]. In 1995, the state's rate was 3.2 per 1,000 live births, lower than the 1993 record low of 3.7 and nearly 35 percent lower than the national rate of 4.9. [Tables 5-2 and 5-4]. As in previous years congenital anomalies were responsible for more neonatal deaths (31%) than any other cause. [Table 7-2]. During the period 1989-1995 the neonatal death rate for Respiratory Distress Syndrome (RDS) decreased from 77.6 to 9.4 per 100,000 live births. (See sidebar). The number of neonatal deaths due to RDS decreased during the same period from 32 to 4. [Table 7-2].

NEONATAL DEATHS DUE TO RESPIRATORY DISTRESS SYNDROME			
YEAR	NUMBER	PERCENT	RATE *
1989	32	15.6	77.6
1990	12	6.7	28.0
1991	9	5.2	21.2
1992	7	4.1	16.7
1993	7	4.5	16.8
1994	10	6.1	23.9
1995	4	4.6	9.4

* Per 100,000 live births.

POSTNEONATAL DEATH

In 1995, 125 infants died during the postneonatal period, representing 48 percent of all infant deaths. The postneonatal death rate (2.9 per 1,000 live births) was lower than the previous record low of 3.2 recorded in 1991. [Table 5-4].

Oregon's postneonatal death rate has typically been higher than the U.S. rate; in 1995, the state rate was 7.4 percent higher than that of the U.S. (2.7 per 1,000 live births).¹ In Oregon none of the counties had rates statistically significantly different from the state rate. [Table 7-1].

FETAL DEATH

In 1995, there were 237 Oregon resident fetal deaths, representing little change from the preceding year (5.5 vs. 5.4 per 1,000 live births). (See sidebar). Fetal deaths were first reported to the Health Division in 1928, when the ratio was 29.0 for every 1,000 live births. Since then the ratio has declined, and remained near 6.0 for over a decade. [Figure 7-5].

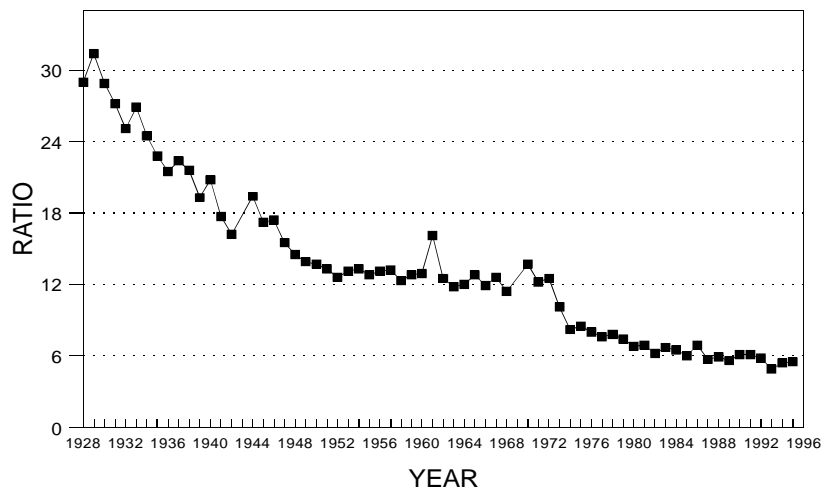
Oregon's fetal death ratio has been typically lower than the U.S. ratio. In fact, in 1991, the most recent comparison available, Oregon's ratio was 16 percent lower than that of the U.S. (6.1 vs 7.3). [Table 5-1].

Cause of Death

Causes of fetal death are shown in Table 7-4. The most frequently reported cause of fetal death in 1995 (n=90) was the residual category "other and ill defined." The second leading cause, "complications of the placenta, cord and membranes," totaled 83 deaths. Congenital anomalies (25 deaths) and maternal complications of pregnancy (13 deaths) were third and fourth. There was little change in the distribution of deaths by cause compared to 1994.

FETAL DEATH RATIOS PER 1,000 LIVE BIRTHS BY MOTHER'S AGE					
AGE	YEAR				
	1995	1994	1993	1992	1991
TOTAL	5.5	5.4	4.9	5.8	6.1
15-44	5.5	5.3	4.9	5.8	6.1
15-19	6.4	6.7	4.1	5.1	3.9
20-24	5.4	4.5	4.0	6.4	5.8
25-29	4.8	4.4	5.0	4.7	5.5
30-34	4.8	4.5	4.1	5.6	7
35-39	7.1	9.2	8.1	7.7	7.3
40-44	13.0	11.6	15.0	40.0	22.9

FIGURE 7-5.
FETAL DEATH RATIO,
OREGON RESIDENTS, 1928-1995



USE OF THE 1995 BIRTH COHORT

Methodology

Infant and perinatal death statistics can also be determined by use of a birth cohort, with all rates and ratios based on the number of births and/or fetal deaths that occurred in 1994. Because birth cohorts contain infants who die within their first year of life, some may die during the following calendar year. For example, of the 277 deaths of infants born in 1994, 239 died in calendar year 1994 and 38 died in calendar year 1995; only the 38 infants who died during 1995 are represented in the 1995 death cohort.

The Center for Health Statistics has produced tables containing infant and perinatal death data from the birth, fetal death and matched infant death files. These birth cohort tables display data for infant and perinatal deaths according to several maternal risk factors and low birthweight. Additionally, this report presents neonatal and postneonatal deaths that were matched to their corresponding birth. Thus, a birth occurring at the end of December 1994 may have a matched postneonatal death that occurred up to one year later, near the end of December 1995.

Use of a birth cohort from a matched birth and death file allows analysis of characteristics of an infant's mother during pregnancy and delivery. These are the characteristics of interest: mother's marital status, age, ethnicity, race, education, start of prenatal care, tobacco use and alcohol use. The characteristics of the infant that are derived from the birth certificate and fetal death certificate include birthweight, gestational age, and county of residence at time of birth.

Small Numbers

Because of the small numbers of events in some of the risk-factor categories, this report uses three-year groupings of the risk characteristics to improve statistical reliability. Single-year tables displaying risk factors are also included for comparison with statistics of prior years, but the analysis of risk factors and maternal characteristics are done using only the three-year tables.

Perinatal Deaths

Beginning with data for 1979 the National Center for Health Statistics (NCHS) started publishing statistics for three perinatal measures: Perinatal definition I, Perinatal definition II, and Perinatal definition III.³ Beginning with the birth cohort data for 1991, the Oregon Center for Health Statistics added statistics to the annual report to include the NCHS perinatal definitions. Based on feedback from Oregon physicians, Perinatal definition III was found not to be useful and was consequently dropped from these tables. The majority of this report's written analysis focuses on neonatal deaths because the relationships among the independent variables are similar to those of Perinatal definition I and postneonatal deaths. (Please refer to pages 7-1 and 7-2 for definitions.) Perinatal death statistics are included within tables 7-13 through 7-16 to assist in international comparisons of data.

NEONATAL DEATHS 1992-1994

The mothers of infants who died during the neonatal period may have had various risk factors that affected the outcome of their pregnancies. These include marital status, age of mother, maternal ethnicity and race, education of mother, start of prenatal care, tobacco use and alcohol use. [Table 7-16].

Birthweight

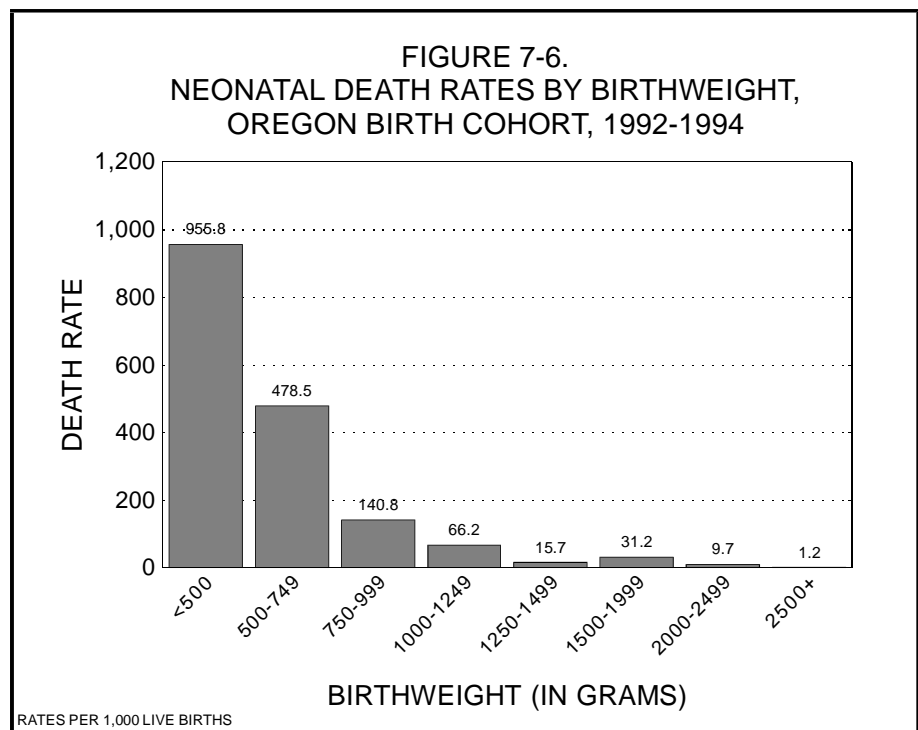
The birthweight of an infant has long been a predictor of subsequent survival. An increase in birthweight is correlated with a decrease in the risk of neonatal death. [Table 7-12]. Nearly all the infants weighing less than 500 grams died. The death rate for infants weighing less than 500 grams was 955.8 per 1,000 live births, decreasing to 1.2 per 1,000 live births for infants weighing more than 2,500 grams. [Figure 7-6].

Many of the same behavioral, social and medical conditions associated with higher rates of infant deaths are also associated with lower birthweights, and some are highly associated with one another. This report does not try to account for or hold all these variables constant in relation to each other. Instead, it presents a simple descriptive analysis. Most variables have confounding or mitigating effects on each other.

Maternal Characteristics

Even though most women reported being married at the time of birth, the neonatal death rate was higher for the children of unmarried women (5.1 versus 3.3) and the difference was statistically significant. [Table 7-18]. There were no statistically significant differences noted among the neonatal death rates by mother's age or educational attainment, though the infants of women who

***Birthweight
has long been a
predictor of
survival.***



completed only grade school had a higher neonatal death rate than the infants of women who completed high school (5.3 versus 3.5). [Table 7-18]. The neonatal death rate for infants of African American mothers was statistically significantly higher than the combined rate for all other infants. (8.7 vs. 3.7). [Table 7-18].

Prenatal Care

The infants of women who received no prenatal care had a higher neonatal death rate than the infants of women who received any prenatal care and the difference was statistically significant. (29.6 versus 3.6). Among women who received prenatal care, those infants whose mothers began care in the first or second trimester displayed higher rates (3.6) than those whose mothers had care beginning in the third trimester (2.0), but the difference was not statistically significant. [Table 7-18].

Tobacco/Alcohol Use

Among women who had an infant die during the neonatal period, 25.2 percent reported using tobacco during their pregnancy. The infants of women who smoked during pregnancy had a higher neonatal death rate than the infants of women who did not use tobacco (4.8 versus 3.4), a statistically significant difference. Approximately three percent (2.7%) of the mothers whose infants died during the neonatal period reported using alcohol during their pregnancy. The infants of women who reported using alcohol during pregnancy had a higher neonatal death rate than the infants of women who reported no alcohol use during pregnancy (3.7 versus 3.0), but the difference was not statistically significant. [Table 7-18].

There may be under-reporting of alcohol use and tobacco use, thereby lowering the neonatal death rates for this category by eliminating high-risk mothers from the analysis.

POSTNEONATAL DEATHS 1992-1994

The demographic characteristics of mothers whose infants died in the postneonatal period are similar to those of mothers whose infants died in the neonatal period. Higher postneonatal death rates were found among the children of mothers who were unwed, under age 20, received no prenatal care, or used tobacco or alcohol during pregnancy. The children of African Americans also had higher rates of postneonatal mortality. These higher rates were all statistically significant. The mother's level of education did not make a statistically significant difference in postneonatal mortality rates. [Table 7-18].

REFERENCES

- 1 Anderson RN, Kochanek KD, Murphy SL. Report of final Mortality Statistics, 1995. Monthly Vital Statistics Report; vol 45 no 11, supp. 2. Hyattsville, Maryland: National Center for Health Statistics. 1997.
- 2 Centers For Disease Control and Prevention. CDC Surveillance Summaries, Oct. 11, 1996. MMWR; 45 (no 40).
- 3 Hoyert, D.L. "Perinatal Mortality in the United States:1985-91." U.S. Department of Health and Human Services, Public Health Services, Centers for Disease Control and Prevention, National Center for Health Statistics. Vital Health Stat 20 (26) August 1995.

TABLE 7-1.
INFANT DEATHS BY AGE AND COUNTY OF RESIDENCE,
DEATH COHORT, OREGON, 1995

COUNTY OF RESIDENCE	TOTAL INFANT DEATHS	INFANT DEATH RATE ¹	NEONATAL DEATHS (AGE < 28 DAYS)				NEONATAL RATE ¹	POST-NEONATAL DEATHS	POST-NEONATAL RATE ¹
			TOTAL NEONATAL	< 1 DAY	1-6 DAYS	7-27 DAYS			
TOTAL	262	6.1	137	79	30	28	3.2	125	2.9
BAKER	4	21.7	2	-	1	1	10.9	2	10.9
BENTON	7	8.8	4	1	3	-	5.0	3	3.8
CLACKAMAS	31	7.9	13	6	1	6	3.3	18	4.6
CLATSOP	7	16.5	5	5	-	-	11.8	2	4.7
COLUMBIA	3	6.6	1	1	-	-	2.2	2	4.4
COOS	2	3.4	1	1	-	-	1.7	1	1.7
CROOK	1	4.7	-	-	-	-	-	1	4.7
CURRY	2	10.0	1	-	-	1	5.0	1	5.0
DESCHUTES	8	6.6	3	1	-	2	2.5	5	4.1
DOUGLAS	4	3.5	3	2	1	-	2.6	1	0.9
GILLIAM	-	-	-	-	-	-	-	-	-
GRANT	1	10.2	-	-	-	-	-	1	10.2
HARNEY	1	13.3	-	-	-	-	-	1	13.3
HOOD RIVER	2	6.7	2	2	-	-	6.7	-	-
JACKSON	13	6.0	7	5	2	-	3.3	6	2.8
JEFFERSON	4	15.4	1	1	-	-	3.8	3	11.5
JOSEPHINE	3	3.7	3	1	-	2	3.7	-	-
KLAMATH	7	8.2	4	3	-	1	4.7	3	3.5
LAKE	1	10.6	-	-	-	-	-	1	10.6
LANE	17	4.7	11	6	2	3	3.0	6	1.6
LINCOLN	1	2.3	1	1	-	-	2.3	-	-
LINN	11	8.2	8	5	3	-	5.9	3	2.2
MALHEUR	5	9.8	2	1	-	1	3.9	3	5.9
MARION	30	7.1	16	9	5	2	3.8	14	3.3
MORROW	1	7.4	-	-	-	-	-	1	7.4
MULTNOMAH	54	6.0	27	13	9	5	3.0	27	3.0
POLK	1	§ 1.5	-	-	-	-	-	1	1.5
SHERMAN	-	-	-	-	-	-	-	-	-
TILLAMOOK	3	12.1	1	1	-	-	4.0	2	8.1
UMATILLA	6	5.9	4	4	-	-	4.0	2	2.0
UNION	1	3.5	1	-	-	1	3.5	-	-
WALLOWA	-	-	-	-	-	-	-	-	-
WASCO	2	7.2	2	-	1	1	7.2	-	-
WASHINGTON	25	4.2	12	9	2	1	2.0	13	2.2
WHEELER	-	-	-	-	-	-	-	-	-
YAMHILL	4	3.8	2	1	-	1	1.9	2	1.9

- Quantity is zero.

¹ Rates per 1,000 births.

§ Rate is significantly different than state rate.

WARNING: Rates based on less than 5 events are unreliable.

TABLE 7-2.
INFANT DEATHS BY CAUSE AND AGE AT DEATH, OREGON RESIDENTS, DEATH COHORT 1995

CAUSE OF DEATH	AGE GROUPS					
	TOTAL DEATHS	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	ALL NEONATES	POST-NEONATES
TOTAL RATE	262 6.1	79 1.8	30 0.7	28 0.7	137 3.2	125 2.9
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	75	54	12	5	71	4
CONDITIONS OF PLACENTA AND CORD	6	6	-	-	6	-
IMMATURITY, UNQUALIFIED	17	14	2	1	17	-
BIRTH TRAUMA WITHOUT MENTION OF CAUSE	2	1	-	-	1	1
ANOXIC AND HYPOXIC CONDITIONS	4	3	1	-	4	-
RESPIRATORY DISTRESS SYNDROME	5	-	4	-	4	1
OTHER RESPIRATORY CONDITIONS	12	11	1	-	12	-
OTHER COMPLICATIONS OF PREGNANCY & DELIVERY	10	10	-	-	10	-
ALL OTHER	19	9	4	4	17	2
OTHER DISEASES	167	23	18	23	64	103
CONGENITAL ANOMALIES	54	21	11	10	42	12
DISEASES OF NERVOUS SYSTEM	8	-	1	2	3	5
PNEUMONIA OR INFLUENZA	1	-	-	-	-	1
RESPIRATORY DISTRESS	2	-	-	1	1	1
SUDDEN INFANT DEATH SYNDROME	76	-	2	5	7	69
ALL OTHER DISEASES	26	2	4	5	11	15
VIOLENT AND ACCIDENTAL CAUSES	20	2	-	-	2	18
MOTOR VEHICLE	3	-	-	-	-	3
OTHER ACCIDENTAL CAUSES	8	1	-	-	1	7
HOMICIDE	4	1	-	-	1	3
OTHER EXTERNAL CAUSES	5	-	-	-	-	5

NOTE: Rates per 1,000 live births.

Neonates are infants in the first 27 days of life. Postneonates are 28 days up to one year of age.

- Quantity is zero.

TABLE 7-3.
FETAL DEATHS BY AGE OF MOTHER AND COUNTY OF RESIDENCE,
OREGON, 1995

COUNTY OF RESIDENCE	TOTAL	AGE OF MOTHER							
		15-19	20-24	25-29	30-34	35-39	40-44	45+	N.S.
TOTAL	237	35	60	57	44	29	11	-	1
RATIO TO BIRTHS ¹	5.5	6.4	5.4	4.8	4.8	7.1	13.0	-	-
BAKER	2	1	1	-	-	-	-	-	-
BENTON	7	2	3	1	-	1	-	-	-
CLACKAMAS	12	4	2	1	5	-	-	-	-
CLATSOP	5	2	1	-	1	-	1	-	-
COLUMBIA	5	-	2	2	1	-	-	-	-
COOS	3	-	1	2	-	-	-	-	-
CROOK	1	-	1	-	-	-	-	-	-
CURRY	-	-	-	-	-	-	-	-	-
DESCHUTES	7	-	2	3	1	1	-	-	-
DOUGLAS	4	-	3	-	-	-	-	-	1
GILLIAM	-	-	-	-	-	-	-	-	-
GRANT	1	-	-	-	-	-	1	-	-
HARNEY	-	-	-	-	-	-	-	-	-
HOOD RIVER	2	2	-	-	-	-	-	-	-
JACKSON	13	2	6	1	1	2	1	-	-
JEFFERSON	2	-	1	1	-	-	-	-	-
JOSEPHINE	6	-	2	2	-	-	2	-	-
KLAMATH	4	4	-	-	-	-	-	-	-
LAKE	-	-	-	-	-	-	-	-	-
LANE	10	-	3	2	2	2	1	-	-
LINCOLN	4	-	1	-	1	1	1	-	-
LINN	3	-	1	1	-	1	-	-	-
MALHEUR	4	3	-	-	1	-	-	-	-
MARION	31	6	9	13	1	2	-	-	-
MORROW	1	-	-	-	1	-	-	-	-
MULTNOMAH	54	6	10	13	15	7	3	-	-
POLK	1	-	-	-	1	-	-	-	-
SHERMAN	-	-	-	-	-	-	-	-	-
TILLAMOOK	-	-	-	-	-	-	-	-	-
UMATILLA	5	-	3	1	-	1	-	-	-
UNION	2	-	1	-	-	-	1	-	-
WALLOWA	2	-	-	1	-	1	-	-	-
WASCO	-	-	-	-	-	-	-	-	-
WASHINGTON	38	3	6	11	10	8	-	-	-
WHEELER	-	-	-	-	-	-	-	-	-
YAMHILL	8	-	1	2	3	2	-	-	-

- Quantity is zero, or ratio is based on less than 5 events.

¹ Ratios per 1,000 live births.

**TABLE 7-4.
FETAL DEATHS BY WEEKS OF GESTATION AND
CAUSE OF DEATH, OREGON, 1995**

CAUSE OF DEATH	TOTAL	WEEKS OF GESTATION								N.S.
		20-23	24-27	28-31	32-35	36	37-39	40	41+	
TOTAL	237	57	38	40	32	9	35	10	16	-
CONGENITAL ANOMALIES	25	6	6	3	5	-	4	-	1	-
MATERNAL CONDITION WHICH MAY BE UNRELATED	13	2	3	1	3	1	3	-	-	-
MATERNAL COMPLICATIONS OF PREGNANCY	8	6	1	1	-	-	-	-	-	-
COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	83	18	14	15	11	2	10	5	8	-
OTHER COMPLICATIONS OF LABOR AND DELIVERY	3	-	-	-	-	-	1	1	1	-
SLOW FETAL GROWTH AND MALNUTRITION	1	-	-	-	-	-	1	-	-	-
SHORT GESTATION AND LOW BIRTH WEIGHT	6	4	1	1	-	-	-	-	-	-
LONG GESTATION AND HIGH BIRTH WEIGHT	-	-	-	-	-	-	-	-	-	-
BIRTH TRAUMA	-	-	-	-	-	-	-	-	-	-
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	1	-	-	-	-	-	-	1	-	-
RESPIRATORY DISTRESS SYNDROME	-	-	-	-	-	-	-	-	-	-
OTHER RESPIRATORY	-	-	-	-	-	-	-	-	-	-
PERINATAL INFECTIONS	1	-	-	-	1	-	-	-	-	-
FETAL AND NEONATAL HEMORRHAGE	-	-	-	-	-	-	-	-	-	-
HEMOLYTIC DISEASE	1	-	-	-	1	-	-	-	-	-
OTHER PERINATAL JAUNDICE	-	-	-	-	-	-	-	-	-	-
ENDOCRINE OR METABOLIC DISTURBANCES	5	-	1	-	1	-	1	-	2	-
HEMATOLOGICAL DISORDERS	-	-	-	-	-	-	-	-	-	-
DIGESTIVE DISORDERS	-	-	-	-	-	-	-	-	-	-
INTEGUMENT & TEMPERATURE REGULATION	-	-	-	-	-	-	-	-	-	-
OTHER & ILL-DEFINED	90	21	12	19	10	6	15	3	4	-

- Quantity is zero.

NOTE: Calculated gestation from reported date of last menses.

If calculated gestation is unknown, the clinical estimate of gestation is used.

**TABLE 7-5.
FETAL DEATHS BY WEEKS OF GESTATION AND
AGE OF MOTHER, OREGON RESIDENTS, 1995**

AGE OF MOTHER	TOTAL	WEEKS OF GESTATION								
		20-23	24-27	28-31	32-35	36	37-39	40	41+	N.S.
TOTAL	237	57	38	40	32	9	35	10	16	-
15-19	35	10	8	4	2	1	4	2	4	-
20-24	60	14	10	9	5	5	9	4	4	-
25-29	57	11	3	15	13	1	11	1	2	-
30-34	44	14	8	7	10	2	2	-	1	-
35-39	29	7	5	4	1	-	6	3	3	-
40-44	11	1	3	1	1	-	3	-	2	-
45+	-	-	-	-	-	-	-	-	-	-
N.S.	1	-	1	-	-	-	-	-	-	-

- Quantity is zero.

NOTE: Calculated gestation from reported date of last menses. If calculated gestation is unknown, the clinical estimate of gestation is used.

**TABLE 7-6.
BIRTHS BY WEEKS OF GESTATION AND WEIGHT,
OREGON RESIDENTS, 1994**

BIRTHWEIGHT (IN GRAMS)	TOTAL	WEEKS OF GESTATION								
		*20-23	24-27	28-31	32-35	36	37-39	40	41+	N.S.
TOTAL	41832	51	110	328	1344	1179	14174	10549	14048	41
000-349	14	8	1	-	2	-	1	-	-	-
350-499	22	16	6	-	-	-	-	-	-	-
499 & LESS	36	24	7	-	2	-	1	-	-	-
500-749	61	10	38	11	1	-	-	-	-	-
750-999	69	1	32	24	9	1	2	-	-	-
1000-1249	93	4	15	45	22	2	-	4	1	-
1250-1499	102	2	2	62	27	3	3	3	-	-
1500-1999	418	1	2	76	201	44	63	12	16	1
2000-2499	1438	-	2	26	383	186	569	136	132	4
< 2500	2217	42	98	244	645	236	638	155	149	5
2500-2999	5623	1	2	26	290	425	2749	1000	1125	4
3000-3499	14443	3	8	33	235	337	5661	3742	4409	13
3500-3999	13776	4	1	18	127	134	3864	4052	5567	9
4000-4499	4773	1	1	6	40	37	1079	1344	2259	6
4500+	995	-	-	-	7	10	181	256	538	3
UNKNOWN	5	-	-	1	-	-	2	-	1	1

- Quantity is zero.

* There were 8 live births where gestational age was less than 20 weeks.

NOTE: Calculated gestation from reported date of last menses. If calculated gestation is unknown, the clinical estimate of gestation is used.

**TABLE 7-7.
FETAL DEATHS BY WEEKS OF GESTATION AND WEIGHT,
OREGON RESIDENTS, 1994**

BIRTHWEIGHT (IN GRAMS)	TOTAL	WEEKS OF GESTATION								
		20-23	24-27	28-31	32-35	36	37-39	40	41+	N.S.
TOTAL	224	56	29	27	41	16	27	10	16	2
000-349	34	20	4	5	2	1	-	-	-	2
350-449	25	16	7	1	1	-	-	-	-	-
499 & LESS	59	36	11	6	3	1	-	-	-	2
500-749	25	13	6	4	2	-	-	-	-	-
0750-999	25	3	8	8	4	-	-	-	2	-
1000-1249	12	-	3	3	6	-	-	-	-	-
1250-1499	9	-	-	5	3	-	1	-	-	-
1500-1999	15	-	-	1	10	2	2	-	-	-
2000-2499	14	-	-	-	8	3	2	-	1	-
<2500	159	52	28	27	36	6	5	0	3	2
2500-2999	19	-	-	-	4	6	4	2	3	-
3000-3499	15	-	-	-	-	2	6	3	4	-
3500-3999	10	-	-	-	-	1	4	2	3	-
4000-4499	7	-	-	-	-	-	2	2	3	-
4500+	5	-	-	-	-	-	4	1	-	-
UNKNOWN	9	4	1	-	1	1	2	-	-	-

- Quantity is zero.

NOTE: Calculated gestation from reported date of last menses. If calculated gestation is unknown, the clinical estimate of gestation is used.

**TABLE 7-8.
EARLY NEONATAL DEATHS BY WEEKS OF GESTATION AND WEIGHT, OREGON
RESIDENTS, BIRTH COHORT 1994**

BIRTHWEIGHT (IN GRAMS)	TOTAL	WEEKS OF GESTATION									
		< 20	20-23	24-27	28-31	32-35	36	37-39	40	41+	N.S.
TOTAL	137	3	33	28	13	13	2	25	6	13	1
0001-0349	12	2	8	1	-	1	-	-	-	-	-
0350-0499	22	-	16	6	-	-	-	-	-	-	-
499 & LESS	34	2	24	7	-	1	-	-	-	-	-
0500-0749	25	1	8	13	3	-	-	-	-	-	-
0750-0999	9	-	-	6	3	-	-	-	-	-	-
1000-1249	6	-	1	1	3	1	-	-	-	-	-
1250-1499	2	-	-	-	1	1	-	-	-	-	-
1500-1999	9	-	-	1	2	3	-	3	-	-	-
2000-2499	14	-	-	-	1	4	1	8	-	-	-
<2500	99	3	33	28	13	10	1	1	-	-	-
2500-2999	12	-	-	-	-	-	-	6	3	3	-
3000-3499	9	-	-	-	-	2	1	2	1	3	-
3500-3999	12	-	-	-	-	-	-	3	2	7	-
4000-4499	-	-	-	-	-	-	-	-	-	-	-
4500+	2	-	-	-	-	1	-	1	-	-	-
UNKNOWN	3	-	-	-	-	-	-	2	-	-	1

- Quantity is zero.

NOTE: Calculated gestation from reported date of last menses. If calculated gestation is unknown, the clinical estimate of gestation is used.

Early is defined as less than seven days old.

**TABLE 7-9.
LATE NEONATAL DEATHS BY WEEKS OF GESTATION AND WEIGHT,
OREGON RESIDENTS, BIRTH COHORT 1994**

BIRTHWEIGHT (IN GRAMS)	TOTAL	WEEKS OF GESTATION									
		< 20	20-23	24-27	28-31	32-35	36	37-39	40	41+	N.S.
TOTAL	31	-	-	5	1	2	2	9	6	6	-
000-349	-	-	-	-	-	-	-	-	-	-	-
350-499	-	-	-	-	-	-	-	-	-	-	-
499 & LESS	-	-	-	-	-	-	-	-	-	-	-
500-749	4	-	-	4	-	-	-	-	-	-	-
0750-999	2	-	-	1	1	-	-	-	-	-	-
1000-1249	-	-	-	-	-	-	-	-	-	-	-
1250-1499	-	-	-	-	-	-	-	-	-	-	-
1500-1999	3	-	-	-	-	2	-	1	-	-	-
2000-2499	6	-	-	-	-	-	-	3	1	2	-
<2500	15	-	-	5	1	2	-	4	1	2	-
2500-2999	3	-	-	-	-	-	2	1	-	-	-
3000-3499	8	-	-	-	-	-	-	2	4	2	-
3500-3999	3	-	-	-	-	-	-	2	-	1	-
4000-4499	1	-	-	-	-	-	-	-	1	-	-
4500+	-	-	-	-	-	-	-	-	-	-	-
UNKNOWN	1	-	-	-	-	-	-	-	-	1	-

- Quantity is zero.

NOTE: Calculated gestation from reported date of last menses. If calculated gestation is unknown, the clinical estimate of gestation is used.

Late is defined as seven days old or greater.

TABLE 7-10.
POSTNEONATAL DEATHS BY WEEKS OF GESTATION AND WEIGHT,
OREGON RESIDENTS, BIRTH COHORT 1994

BIRTHWEIGHT (IN GRAMS)	TOTAL	WEEKS OF GESTATION								
		20-23	24-27	28-31	32-35	36	37-39	40	41+	N.S.
TOTAL	109	-	4	4	7	7	45	21	21	-
000-349	-	-	-	-	-	-	-	-	-	-
350-499	-	-	-	-	-	-	-	-	-	-
499 & LESS	-	-	-	-	-	-	-	-	-	-
500-749	2	-	1	1	-	-	-	-	-	-
0750-999	3	-	2	1	-	-	-	-	-	-
1000-1249	-	-	-	-	-	-	-	-	-	-
1250-1499	1	-	-	-	1	-	-	-	-	-
1500-1999	3	-	-	-	2	-	1	-	-	-
2000-2499	16	-	-	-	1	3	8	2	2	-
< 2500	25	-	3	2	4	3	9	2	2	-
2500-2999	18	-	-	1	1	2	9	4	1	-
3000-3499	34	-	1	1	1	2	17	4	8	-
3500-3999	27	-	-	-	1	-	9	7	10	-
4000-4499	5	-	-	-	-	-	1	4	-	-
4500+	-	-	-	-	-	-	-	-	-	-
UNKNOWN	-	-	-	-	-	-	-	-	-	-

- Quantity is zero.

NOTE: Gestation is calculated from reported date of last menses. If calculated gestation is unknown, the clinical estimate of gestation is used.

**TABLE 7-11.
NEONATAL DEATHS BY
BIRTHWEIGHT, OREGON RESIDENTS,
BIRTH COHORT 1994**

BIRTHWEIGHT (IN GRAMS)	DEATHS	RATE
TOTAL	167	4.0
0001-0349	12	857.1
0350-0499	22	1000.0
499 & LESS	32	888.9
0500-0749	29	475.4
0750-0999	11	159.4
1000-1249	6	64.5
1250-1499	2	-
1500-1999	12	28.7
2000-2499	20	13.9
< 2500	112	50.5
2500-2999	15	2.7
3000-3499	17	1.2
3500-3999	15	1.1
4000-4499	1	-
4500+	2	-
2500+	50	1.3
UNKNOWN	4	-

Rate per 1,000 live births.

- Quantity is zero, or rate is based on less than 5 events.

**TABLE 7-12.
NEONATAL DEATHS BY
BIRTHWEIGHT, OREGON RESIDENTS,
BIRTH COHORT 1992-1994**

BIRTHWEIGHT (IN GRAMS)	DEATHS	RATE
TOTAL	476	3.8
0001-0349	40	930.2
0350-0499	68	971.4
499 & LESS	108	955.8
0500-0749	89	478.5
0750-0999	29	140.8
1000-1249	19	66.2
1250-1499	5	15.7
1500-1999	39	31.2
2000-2499	41	9.7
>2500	330	51.1
2500-2999	42	2.5
3000-3499	52	1.2
3500-3999	35	0.8
4000-4499	9	0.6
4500+	2	-
2500+	140	1.2
UNKNOWN	6	-

Rate per 1,000 live births.

- Quantity is zero, or rate is based on less than 5 events.

TABLE 7-13.
PERINATAL DEATH RATES BY COUNTY OF RESIDENCE,
OREGON RESIDENTS, BIRTH COHORT 1994

COUNTY OF RESIDENCE	PERINATAL I ¹			PERINATAL II ²			NEONATAL ³	
	NO.	RATIO	RATE	NO.	RATIO	RATE	NO.	RATE
TOTAL	274	6.6	6.5	390	9.3	9.3	168	4.0
BAKER	2	-	-	3	-	-	2	-
BENTON	5	6.6	6.6	8	10.5	10.4	2	-
CLACKAMAS	17	4.3	4.3	25	6.3	6.3	10	2.5
CLATSOP	4	-	-	5	12.3	12.2	-	-
COLUMBIA	1	-	-	1	-	-	1	-
COOS	2	-	-	2	-	-	1	-
CROOK	2	-	-	2	-	-	1	-
CURRY	-	-	-	-	-	-	-	-
DESCHUTES	10	9.0	8.9	12	10.8	10.7	9	8.1
DOUGLAS	13	11.3	11.2	16	13.9	13.7	5	4.3
GILLIAM	-	-	-	-	-	-	-	-
GRANT	-	-	-	-	-	-	-	-
HARNEY	-	-	-	1	-	-	1	-
HOOD RIVER	3	-	-	4	-	-	2	-
JACKSON	15	7.5	7.5	25	12.5	12.4	12	6.0
JEFFERSON	1	-	-	1	-	-	1	-
JOSEPHINE	8	10.4	10.4	11	14.4	14.2	5	6.5
KLAMATH	5	5.7	5.7	9	10.2	10.2	6	6.8
LAKE	-	-	-	-	-	-	-	-
LANE	28	7.8	7.8	40	11.2	11.1	18	5.0
LINCOLN	2	-	-	4	-	-	2	-
LINN	10	7.9	7.9	16	12.7	12.6	9	7.1
MALHEUR	5	10.2	10.1	8	16.3	16.1	4	-
MARION	37	9.1	9.1	44	10.9	10.8	20	4.9
MORROW	2	-	-	2	-	-	1	-
MULTNOMAH	50	5.6	5.6	78	8.7	8.7	29	3.2
POLK	10	15.5	15.3	11	17.0	16.8	3	-
SHERMAN	-	-	-	-	-	-	-	-
TILLAMOOK	2	-	-	2	-	-	1	-
UMATILLA	9	8.9	8.9	10	9.9	9.9	6	6.0
UNION	-	-	-	1	-	-	-	-
WALLOWA	-	-	-	-	-	-	-	-
WASCO	1	-	-	1	-	-	-	-
WASHINGTON	26	4.5	4.4	41	7.0	7.0	16	2.7
WHEELER	-	-	-	-	-	-	-	-
YAMHILL	4	-	-	7	7.2	7.2	1	-

- Quantity is zero, or number of events is less than five for ratios and rates.

¹ Perinatal Definition I, generally used for international comparisons, includes fetal deaths at 28 weeks of gestation or more, and infant deaths of less than 7 days.

² Perinatal Definition II, includes fetal deaths at 20 weeks of gestation or more, and infant deaths of less than 28 days.

³ Neonatal deaths, includes infant deaths of less than 28 days.

TABLE 7-14.
PERINATAL DEATH RATES BY COUNTY OF RESIDENCE,
OREGON RESIDENTS, BIRTH COHORT 1992-1994

COUNTY OF RESIDENCE	PERINATAL I ¹			PERINATAL II ²			NEONATAL ³	
	NO.	RATIO	RATE	NO.	RATIO	RATE	NO.	RATE
TOTAL	789	6.3	6.3	1137	9.1	9.0	476	3.8
BAKER	6	10.8	10.7	7	12.5	12.5	4	-
BENTON	12	5.1	5.1	19	8.1	8.1	9	3.8
CLACKAMAS	67	5.7	5.7	91	7.7	7.7	40	3.4
CLATSOP	8	6.6	6.6	10	8.2	8.2	5	4.1
COLUMBIA	3	-	-	4	-	-	3	-
COOS	11	5.2	5.2	15	7.2	7.1	4	-
CROOK	7	10.9	10.9	9	14.1	14.0	5	7.8
CURRY	4	-	-	5	8.8	8.7	3	-
DESCHUTES	21	6.3	6.3	30	9.0	9.0	14	4.2
DOUGLAS	28	7.9	7.9	35	9.9	9.8	16	4.5
GILLIAM	-	-	-	-	-	-	-	-
GRANT	-	-	-	-	-	-	-	-
HARNEY	1	-	-	2	-	-	1	-
HOOD RIVER	3	-	-	6	6.9	6.8	3	-
JACKSON	38	6.4	6.4	64	10.8	10.8	21	3.6
JEFFERSON	6	7.5	7.5	7	8.7	8.7	3	-
JOSEPHINE	20	8.6	8.5	34	14.6	14.5	12	5.1
KLAMATH	17	6.6	6.6	30	11.7	11.6	16	6.2
LAKE	1	-	-	2	-	-	-	-
LANE	81	7.6	7.5	107	10.0	9.9	44	4.1
LINCOLN	8	5.8	5.8	10	7.3	7.2	6	4.4
LINN	28	7.3	7.3	37	9.7	9.6	16	4.2
MALHEUR	13	8.4	8.4	18	11.7	11.6	7	4.5
MARION	79	6.6	6.6	109	9.1	9.1	48	4.0
MORROW	1	-	-	2	-	-	1	-
MULTNOMAH	169	6.2	6.2	262	9.7	9.6	105	3.9
POLK	21	11.0	10.9	24	12.6	12.5	9	4.7
SHERMAN	-	-	-	-	-	-	-	-
TILLAMOOK	7	9.7	9.7	8	11.1	11.1	4	-
UMATILLA	17	5.6	5.6	23	7.6	7.6	12	4.0
UNION	6	6.8	6.7	8	9.0	9.0	2	-
WALLOWA	1	-	-	2	-	-	-	-
WASCO	3	-	-	4	-	-	3	-
WASHINGTON	86	5.0	5.0	132	7.7	7.7	51	3.0
WHEELER	1	-	-	1	-	-	1	-
YAMHILL	14	4.9	4.9	19	6.6	6.6	7	2.4

- Quantity is zero, or number of events is less than five for ratios and rates.

¹ Perinatal Definition I, generally used for international comparisons, includes fetal deaths at 28 weeks of gestation or more, and infant deaths of less than 7 days.

² Perinatal Definition II, includes fetal deaths at 20 weeks of gestation or more, and infant deaths of less than 28 days.

³ Neonatal deaths, includes infant deaths of less than 28 days.

TABLE 7-15.
PERINATAL DEATH RATES BY MOTHER'S RISK FACTORS,
OREGON RESIDENTS, BIRTH COHORT 1994

RISK FACTOR	PERINATAL I ¹			PERINATAL II ²			NEONATAL ³	
	NO.	RATIO	RATE	NO.	RATIO	RATE	NO.	RATE
TOTAL	274	6.6	6.5	390	9.3	9.3	168	4.0
MARITAL STATUS								
MARRIED	178	6.0	6.0	253	8.5	8.4	106	3.6
UNMARRIED	96	8.0	8.0	137	11.4	11.3	62	5.2
AGE OF MOTHER								
15-19	39	7.4	7.4	55	10.5	10.4	20	3.8
20-24	78	7.1	7.1	105	9.5	9.5	57	5.2
25-29	67	5.8	5.8	92	7.9	7.9	41	3.5
30-34	44	4.8	4.8	67	7.3	7.3	26	2.8
35-39	29	7.4	7.4	49	12.6	12.4	13	3.3
40-44	12	15.5	15.3	16	20.6	20.4	7	9.0
45+	-	-	-	-	-	-	-	-
MOTHER'S ETHNICITY/RACE*								
WHITE	217	6.3	6.3	305	8.8	8.8	138	4.0
HISPANIC (ALL RACES)	39	8.9	8.9	53	12.1	12.0	19	4.3
AFRICAN AMERICAN	6	6.5	6.5	14	15.1	14.9	6	6.5
INDIAN	2	-	-	3	-	-	2	-
OTHER NON-WHITE	8	5.5	5.5	12	8.3	8.3	3	-
MOTHER'S EDUCATION								
GRADE SCHOOL OR LESS	20	8.1	8.1	28	11.4	10.9	13	5.3
HIGH SCHOOL +	233	6.0	6.0	332	8.6	8.5	144	3.7
START OF PRENATAL CARE								
NO CARE	18	50.6	49.6	23	64.6	62.7	12	33.7
1ST TRIMESTER	185	5.6	5.6	275	8.3	8.2	118	3.6
2ND TRIMESTER	61	8.8	8.7	78	11.2	11.2	32	4.6
3RD TRIMESTER	6	4.2	4.2	8	5.6	5.6	4	-
TOBACCO USE								
YES	57	7.5	7.5	81	10.7	10.6	33	4.4
NO	214	6.3	6.3	304	8.9	8.8	133	3.9
ALCOHOL USE								
YES	11	9.8	9.7	15	13.4	13.2	2	-
NO	258	6.4	6.4	368	9.2	9.1	162	4.0

*Unless specified, racial categories do not include hispanic ethnicity.

NOTE: Because of unreported items, the sum of all categories may not equal the total.

- Quantity is zero, or rate is based on less than 5 events.

¹ Perinatal Definition I, generally used for international comparisons, includes fetal deaths at 28 weeks of gestation or more, and infant deaths of less than 7 days.

² Perinatal Definition II, includes fetal deaths at 20 weeks of gestation or more, and infant deaths of less than 28 days.

³ Neonatal deaths, includes infant deaths of less than 28 days.

TABLE 7-16.
PERINATAL DEATH RATES BY MOTHER'S RISK FACTORS,
OREGON RESIDENTS, BIRTH COHORT 1992-1994

RISK FACTOR	PERINATAL I ¹			PERINATAL II ²			NEONATAL ³	
	NO.	RATIO	RATE	NO.	RATIO	RATE	NO.	RATE
TOTAL	789	6.3	6.3	1137	9.1	9.0	476	3.8
MARITAL STATUS								
MARRIED	514	5.7	5.7	728	8.1	8.0	297	3.3
UNMARRIED	275	7.8	7.8	409	11.7	11.6	179	5.1
AGE OF MOTHER								
15-19	100	6.5	6.5	147	9.5	9.5	65	4.2
20-24	220	6.6	6.5	305	9.1	9.0	141	4.2
25-29	204	5.8	5.8	285	8.1	8.1	123	3.5
30-34	144	5.3	5.3	212	7.8	7.8	85	3.1
35-39	86	7.4	7.4	140	12.1	12.0	43	3.7
40-44	28	12.2	12.1	40	17.4	17.2	14	6.1
45+	2	-	-	2	-	-	1	-
MOTHER'S ETHNICITY/RACE*								
WHITE (NON-HISPANIC)	638	6.1	6.1	918	8.8	8.7	388	3.7
HISPANIC (ALL RACES)	84	7.0	7.0	114	9.6	9.5	44	3.6
AFRICAN AMERICAN	28	10.1	10.1	46	16.7	16.5	24	8.7
INDIAN	11	6.5	6.4	15	8.8	8.8	8	4.7
OTHER NON-WHITE	26	6.2	6.2	35	8.4	8.3	12	2.9
MOTHER'S EDUCATION								
GRADE SCHOOL	52	7.4	7.4	72	10.3	10.2	37	5.3
HIGH SCHOOL +	680	5.8	5.8	975	8.4	8.3	407	3.5
START OF PRENATAL CARE								
NO CARE	45	44.3	43.6	63	62.1	60.1	30	29.6
1ST TRIMESTER	569	5.8	5.7	837	8.5	8.4	356	3.6
2ND TRIMESTER	144	6.8	6.8	192	9.1	9.0	77	3.6
3RD TRIMESTER	17	4.2	4.2	22	5.5	5.5	8	2.0
TOBACCO USE								
YES	181	7.6	7.5	265	11.1	11.0	116	4.8
NO	588	5.8	5.8	840	8.3	8.3	345	3.4
ALCOHOL USED								
YES	29	7.3	7.3	42	10.6	10.5	12	3.0
NO	730	6.1	6.1	1051	8.8	8.8	440	3.7

*Unless specified, racial categories do not include hispanic ethnicity.

NOTE: Because of unreported items, the sum of all categories may not equal the total.

- Quantity is zero, or rate is based on less than 5 events.

¹ Perinatal Definition I, generally used for international comparisons, includes fetal deaths at 28 weeks of gestation or more, and infant deaths of less than 7 days.

² Perinatal Definition II, includes fetal deaths at 20 weeks of gestation or more, and infant deaths of less than 28 days.

³ Neonatal deaths, includes infant deaths of less than 28 days.

TABLE 7-17.

NEONATAL, POSTNEONATAL AND INFANT DEATH RATES BY MOTHER'S RISK FACTORS, OREGON RESIDENTS, BIRTH COHORT 1994

RISK FACTOR	NEONATAL ¹ DEATHS		POSTNEONATAL ² DEATHS		INFANT ³ DEATHS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
TOTAL	168	4.0	109	2.6	277	6.6
MARITAL STATUS						
MARRIED	106	3.6	60	2.0	166	5.6
UNMARRIED	62	5.2	49	4.1	111	9.2
AGE OF MOTHER						
15-19	20	3.8	23	4.4	43	8.2
20-24	57	5.2	34	3.1	91	8.3
25-29	41	3.5	29	2.5	70	6.0
30-34	26	2.8	14	1.5	40	4.4
35-39	13	3.3	5	1.3	18	4.6
40-44	7	9.0	1	-	8	10.3
45+	-	-	-	-	-	-
MOTHER'S ETHNICITY/RACE*						
WHITE	138	4.0	84	2.4	222	6.4
HISPANIC (ALL RACES)	19	4.3	10	2.3	29	6.6
AFRICAN AMERICAN	6	6.5	6	6.5	12	12.9
INDIAN	2	-	2	-	4	-
OTHER NON-WHITE	3	-	7	4.8	10	6.9
MOTHER'S EDUCATION						
GRADE SCHOOL OR LESS	13	5.3	6	2.4	19	7.7
HIGH SCHOOL +	144	3.7	101	2.6	245	6.3
START OF PRENATAL CARE						
NO CARE	12	33.7	2	-	14	39.3
1ST TRIMESTER	118	3.6	79	2.4	197	6.0
2ND TRIMESTER	32	4.6	23	3.3	55	7.9
3RD TRIMESTER	4	-	5	3.5	9	6.3
TOBACCO USE						
YES	33	4.4	39	5.2	72	9.5
NO	133	3.9	70	2.1	203	5.9
ALCOHOL USE						
YES	2	-	5	4.5	7	6.2
NO	162	4.0	103	2.6	265	6.6

*Unless specified, racial categories do not include hispanic ethnicity.

NOTE: Because of unreported items, the sum of all categories may not equal the total.

- Quantity is zero, or rate is based on less than 5 events.

¹ Neonatal deaths, include infant deaths at 28 or fewer days of age.

² Postneonatal Deaths, include infant deaths after 28 days, but before age 1.

³ Infant deaths, include neonatal and postneonatal deaths up to age 1.

TABLE 7-18.
NEONATAL, POSTNEONATAL AND INFANT DEATH RATES BY MOTHER'S RISK FACTORS, OREGON RESIDENTS, BIRTH COHORT 1992-1994

RISK FACTOR	NEONATAL ¹ DEATHS		POSTNEONATAL ² DEATHS		INFANT ³ DEATHS	
	NUMBER	RATE	NUMBER	RATES	NUMBER	RATES
TOTAL	476	3.8	397	3.2	873	7.0
MARITAL STATUS						
MARRIED	297	3.3	219	2.4	516	5.7
UNMARRIED	179	5.1	178	5.1	357	10.2
AGE OF MOTHER						
15-19	65	4.2	91	5.9	156	10.1
20-24	141	4.2	120	3.6	261	7.8
25-29	123	3.5	93	2.7	216	6.2
30-34	85	3.1	63	2.3	148	5.5
35-39	43	3.7	22	1.9	65	5.6
40-44	14	6.1	5	2.2	19	8.3
45+	1	-	2	-	3	-
MOTHER'S ETHNICITY/RACE*						
WHITE (NON-HISPANIC)	388	3.7	333	3.2	721	6.9
HISPANIC (ALL RACES)	44	3.6	25	2.1	69	5.8
AFRICAN AMERICAN	24	8.7	22	8.0	46	16.7
INDIAN	8	4.7	7	4.1	15	8.8
OTHER NON-WHITE	12	2.9	10	2.4	22	5.3
MOTHER'S EDUCATION						
GRADE SCHOOL	37	5.3	31	4.4	68	9.7
HIGH SCHOOL +	407	3.5	361	3.1	768	6.6
START OF PRENATAL CARE						
NO CARE	30	29.6	11	10.8	41	40.4
1ST TRIMESTER	356	3.6	281	2.8	637	6.4
2ND TRIMESTER	77	3.6	89	4.2	166	7.9
3RD TRIMESTER	8	2.0	14	3.5	22	5.5
TOBACCO USE						
YES	116	4.8	178	7.4	294	12.3
NO	345	3.4	217	2.2	562	5.6
ALCOHOL USED						
YES	12	3.0	31	7.8	43	10.9
NO	440	3.7	360	3.0	800	6.7

*Unless specified, racial categories do not include hispanic ethnicity.

NOTE: Because of unreported items, the sum of all categories may not equal the total.

- Quantity is zero, or rate is based on less than 5 events.

¹ Perinatal Definition I, generally used for international comparisons, includes fetal deaths at 28 weeks of gestation or more, and infant deaths of less than 7 days.

² Perinatal Definition II, includes fetal deaths at 20 weeks of gestation or more and infant deaths of less than 28 days.

³ Neonatal deaths, includes infant deaths of less than 28 days.

Adolescent Suicide Attempts

INTRODUCTION

During 1995, 43 of Oregon's youth (under age 20) committed suicide. The youngest was 12 years old. At the same time, no fewer than 753 non-fatal suicide attempts were made by Oregon adolescents.¹

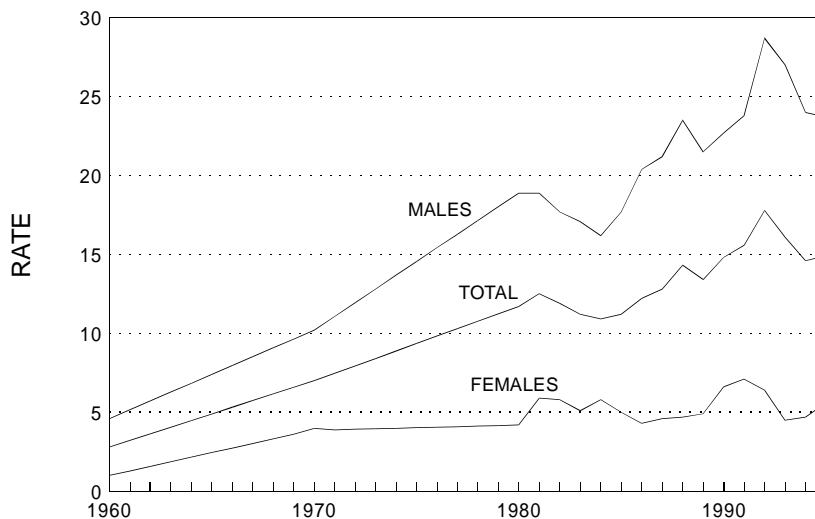
Suicide by adolescents has caused increasing concern both nationally and in Oregon. In 1987, the Oregon legislature created a law (ORS 441.750) mandating that hospitals treating a child age 17 or younger for injuries resulting from a suicide attempt report the attempt to the Oregon Health Division. The law became effective in January 1988; it also requires that the patient be referred for counseling.

SUICIDE TRENDS

Over the past few decades the suicide death rate among teenagers has risen dramatically, especially among males. Although the rate has declined since the early 1990s, it is unclear whether this represents a cessation of the long-term upward trend or random statistical variation. Nonetheless, during 1993-1995, Oregonians 15-19 years old were 5.3 times more likely to commit suicide than were their counterparts during 1959-1961. The suicide death rate among males increased over that time from 4.6 to 23.7 per 100,000; among females, it increased from 1.0 to 5.6. For both sexes combined, the rate increased from 2.8 to 14.9. However, these rates are based on relatively few events and therefore subject to considerable random statistical variation. This is especially true of the rates for females. Figure 8-1 illustrates the variable nature of suicide rates for 15-19 year-old Oregonians during recent years.

During 1993-1995 the suicide rate for Oregonians 15-19 years old was five times higher than during 1959-1961.

FIGURE 8-1. SUICIDE RATES FOR 15- TO 19-YEAR-OLDS, 1959-61, 1969-71, 1979-81, AND THREE-YEAR MOVING AVERAGES, 1981-95, OREGON RESIDENTS



Note: Because population data by age and sex are not available for the 1960s and 1970s, rates for these years, other than those based on decennial census data, have been interpolated. Therefore, variations within 10-year periods prior to 1980 are not apparent. Rates are per 100,000 population for the groups at risk.

SUICIDE ATTEMPT TRENDS

For the first time since 1990, the number of reported suicide attempts declined, from 773 in 1994 to 753 in 1995. However, it is unclear whether this represents a true decline in the number of attempts or poorer reporting by hospitals.

The Oregon system identifies only attempters with injuries severe enough to require emergency care at a hospital; consequently, the number of events reported must be considered a minimum. Additionally, not all attempts that should have been reported by hospitals actually were; some large hospitals are known to substantially under-report the number of events. [Table 8-20]. The magnitude of the undercount is, unfortunately, not known. The Technical Notes section in Appendix B describes the methodology and limitations of the data.

NUMBER OF ATTEMPTS BY YEAR AND SEX			
YEAR	TOTAL	MALE	FEMALE
1988	648	110	535
1989	624	120	499
1990	526	118	406
1991	577	124	453
1992	685	141	544
1993	723	113	610
1994	773	187	586
1995	753	150	603

ATTEMPTERS OF UNKNOWN SEX ARE INCLUDED IN THE TOTAL.

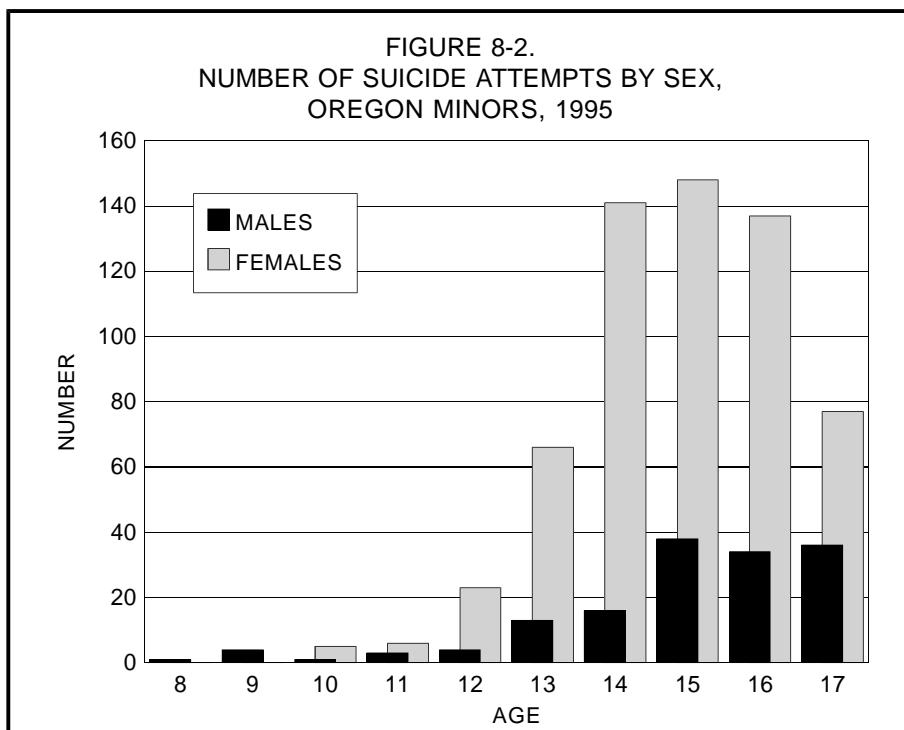
AGE

The youngest child to attempt suicide was a boy just eight years old who was motivated by problems at school. Forty-seven attempts by preteens were reported (see sidebar), just one less than the previous year. Attempts by teens decreased 2.7 percent. As in years past, 15- to 17-year-olds accounted for nearly two-thirds (62%) of all attempts among Oregon minors. [Figure 8-2].

NUMBER OF ATTEMPTS BY AGE AND SEX			
AGE	TOTAL	MALE	FEMALE
8	1	1	0
9	4	4	0
10	6	1	5
11	9	3	6
12	27	4	23
13	79	13	66
14	157	16	141
15	186	38	148
16	171	34	137
17	113	36	77

SEX

Girls were far more likely to attempt suicide than were boys; four-fifths (80%) of all attempts were by girls. All of the decrease in the number of reported attempts during 1995 occurred among males. [Table 8-2]. Although girls more often made attempts, attempts by males more often



resulted in death. During 1995, the completion rate for males less than 18 years of age was 12.8 percent compared to just 0.8 percent for females in this age group. Overall, 5.4 percent of the reported attempts ended in death. Four-fifths (81%) of suicides by teens and preteens during 1995 were committed by males.

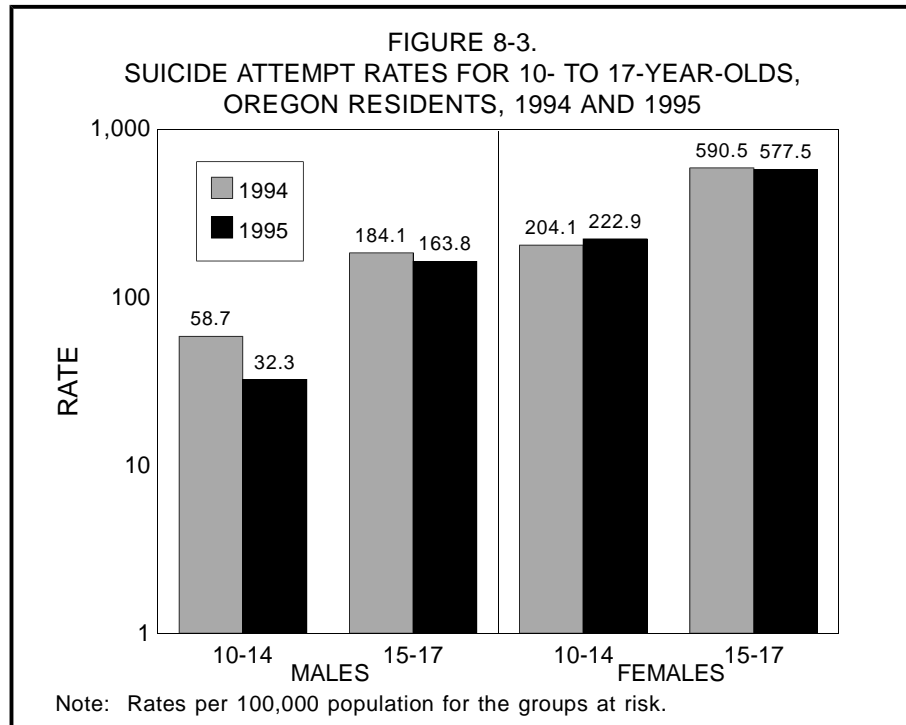
RACE

Almost a threefold difference existed in the reported suicide attempt rates during 1988-92 by racial/ethnic group.² At 307.6 per 100,000 population (10- to 17-year-olds), African American adolescents were significantly more likely than whites (190.1) to make an attempt. American Indian youth were less likely than either of these groups to make an attempt (177.8), but Asians (118.1) and Hispanics (120.7) had the lowest recorded rates. The attempt rates for all of the minority groups, except American Indians, were statistically significantly different compared to the attempt rate for whites. See the recently released report, *Multicultural Health: Mortality Patterns by Race and Ethnicity, Oregon, 1986-1994*, for analysis of suicide deaths of all ages by race/ethnicity.

NUMBER OF ATTEMPTS		
RACE	1995	1994
WHITE	645	666
AFRICAN AMERICAN	20	24
INDIAN	8	13
CHINESE	0	0
JAPANESE	0	0
HAWAIIAN	0	0
FILIPINO	1	0
OTHER ASIAN AND PACIFIC ISLANDERS	12	11
HISPANIC	33	30
NOT STATED	34	29

HOUSEHOLD SITUATION

Attempters were only slightly more likely to live with both natural parents (28%) as they were to live with their mother only (26%). Ranking third were adolescents living with a parent and stepparent (13%). The proportion of attempters living with both parents or mother only decreased with the age of the attempter. [Table 8-3]. Adolescents living under government supervision were most likely to have made



SUICIDES BY OREGONIANS UNDER AGE 20, BY YEAR AND COUNTY OF RESIDENCE			
COUNTY	1992	1993	1994
TOTAL	40	33	37
BAKER	1	-	1
BENTON	1	-	1
CLACKAMAS	2	4	5
CLATSOP	-	1	-
COLUMBIA	-	-	1
COOS	1	2	-
CROOK	-	-	-
CURRY	-	-	-
DESCHUTES	2	1	1
DOUGLAS	5	3	2
GILLIAM	-	-	-
GRANT	-	-	-
HARNEY	1	-	-
HOOD RIVER	-	1	1
JACKSON	-	1	-
JEFFERSON	-	-	-
JOSEPHINE	-	1	-
KLAMATH	-	2	1
LAKE	1	1	1
LANE	5	1	1
LINCOLN	-	1	1
LINN	-	-	2
MALHEUR	-	-	-
MARION	3	1	6
MORROW	-	-	-
MULTNOMAH	7	4	7
POLK	-	1	1
SHERMAN	-	-	1
TILLAMOOK	1	-	-
UMATILLA	1	1	2
UNION	-	1	-
WALLOWA	-	-	-
WASCO	1	-	1
WASHINGTON	5	4	-
WHEELER	-	1	-
YAMHILL	3	1	-

- QUANTITY IS ZERO.

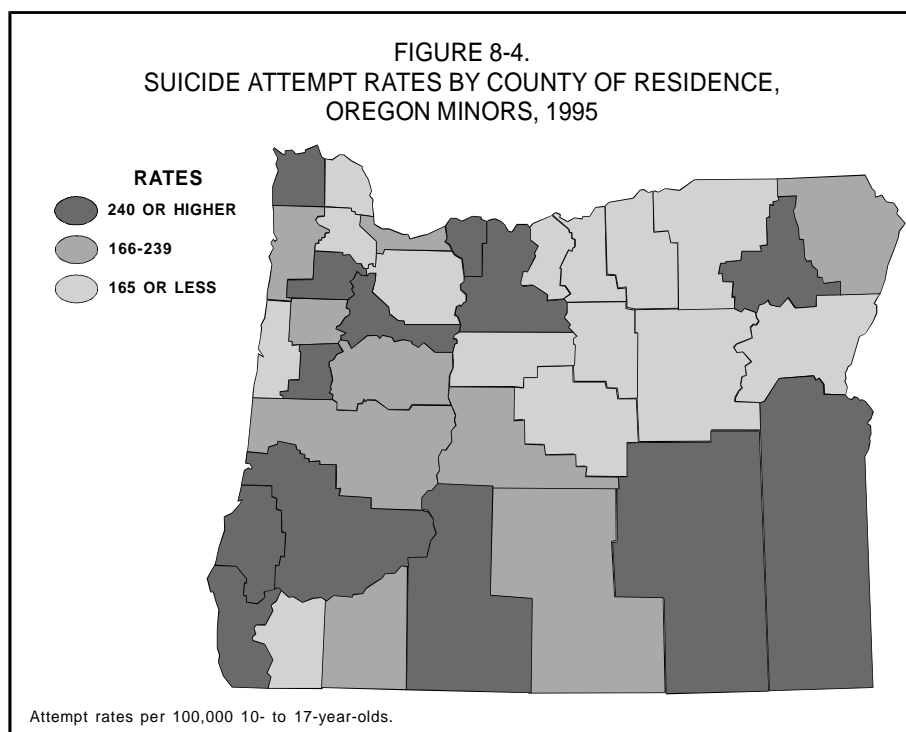
prior attempts; 55 percent had done so. The family situation was unknown in 8.8 percent of the cases.

GEOGRAPHIC DISTRIBUTION

While the suicide attempt rate for the state was 214.4 per 100,000 (10- to 17-year-olds), the rates for individual counties were highly variable. [Figure 8-4.]. During 1995, among counties with ten or more attempts, the highest rates were reported from two Willamette Valley counties, Yamhill and Marion. In three counties no attempts were reported; all were east of the Cascade Range and had small populations. [Table 8-4]. Some counties with larger populations reported few attempts, suggesting that not all hospitals are complying with the law, or that adolescent attempters in rural areas may be treated in clinics or doctors' offices (in which case attempt reporting is not required). Table 8-20 lists the number of reports by hospital since reporting became mandatory in 1988.

PLACE OF ATTEMPT

Most (73%) of the attempts were made in the adolescent's own home while 5.7 percent were made in another's home. Girls were more likely than boys to make the attempt at home, 74 percent compared to 68 percent. [Table 8-5]. Schools were the site of just 2.3 percent of the attempts. Because the place was not reported in 10.9 percent of the attempts, the above percentages are somewhat lower than the "true" proportions.



MONTH AND DAY OF ATTEMPT

As in past years, the summer school vacation months continued to be the season of lowest risk. Seventeen percent of the suicide attempts occurred from June through August. Attempts occurred most often during the winter (32%). By day of the week, suicide attempts occurred with the least frequency on Fridays (12% of all attempts). Suicidal behavior was most pronounced early in the school week with the largest proportion of attempts occurring on Mondays and Tuesdays (16% on each day).

REPEAT ATTEMPTS

Nearly one in three (31%) attempts were by adolescents who were reported to have made prior attempts during the previous five years. This is a minimum figure since the prior attempt status was unknown in 27 percent of the cases. Girls were more likely to have made prior attempts; 32 percent had done so compared to 25 percent of boys. [Table 8-6]. Because a single adolescent may make multiple attempts during any one year, it should be remembered that references to the number or proportion of attempters with a given characteristic may be influenced by repeated attempts of a single individual.

METHOD

Adolescents used many methods in their attempts, but ingestion of drugs accounted for the vast majority (76%). Nearly half of the 572 drug-related cases involved analgesics (47%); aspirin and acetaminophen were most commonly used. (The latter is of particular concern because many adolescents are unaware of its potential long-term toxic effects and lethality.) Most of the other attempts involving drugs (184) were with combinations of drugs or of drugs with alcohol. Cutting and piercing injuries were the second most common method of attempt, accounting for 7.7 percent of the cases; nearly all of these were lacerations of the wrists. The category "other" in Table 8-7 includes mostly attempts by multiple methods. The majority involved poisoning, usually with drugs, combined with laceration of the wrists. Uncommon methods, such as attempted electrocution with a hair dryer in a bathtub, are also included here.

The method chosen varied with the sex of the attempter. [Table 8-7]. Eight in ten (79%) of the attempts by girls involved drugs compared to six in ten (63%) of those by boys. [Figure 8-5]. Boys were more likely than girls to choose suffocation and hanging, 9.3 percent compared to 1.5 percent. Boys were also more likely than girls to inflict cutting/piercing injuries and to use firearms.

As with gender, the method varied with the age of the attempter. Preteens were more likely to attempt to suffocate/hang themselves and to jump from a high place. Older attempters more often poisoned or cut themselves. [Table 8-8].

Regionally, adolescents living east of the cascade range were most apt to use poisons in their attempts and least apt to cut themselves. [Table 8-9].

Suicide attempts were made most often at the beginning of the school week.

Eight of every ten attempts were made with drugs.

Seven of every ten suicides were committed with guns.

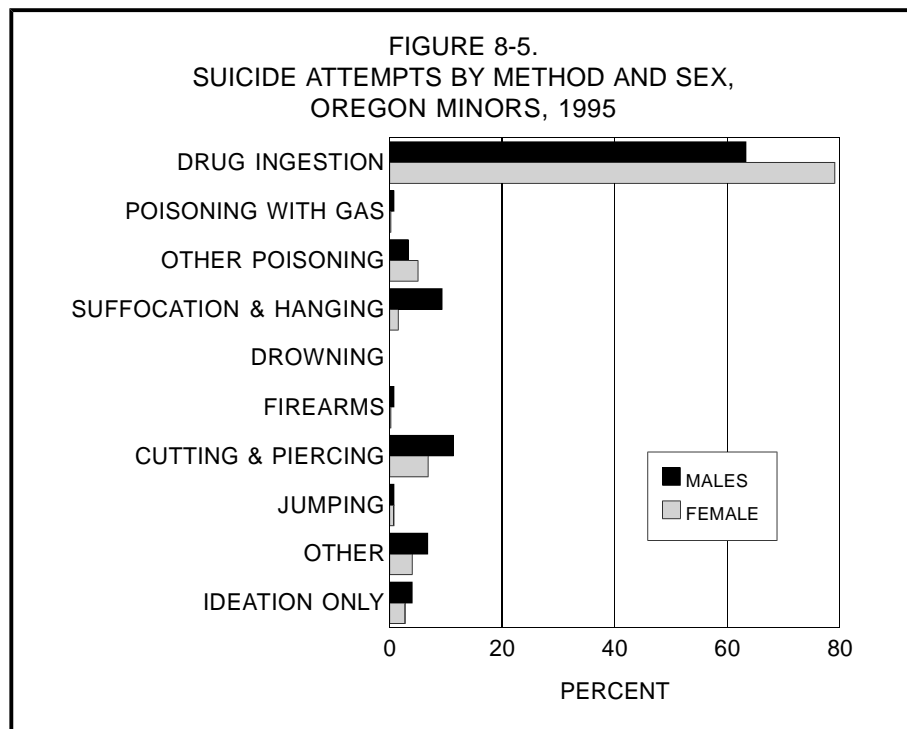
Adolescents making their first attempt were more likely to ingest drugs compared to those making a repeat attempt, 85 percent compared to 68 percent. [Table 8-10].

Although most attempts involved ingestion of drugs, they only infrequently resulted in death. Conversely, the highest proportion of attempts made by adolescents that resulted in death involved guns. During 1995, 65 percent of all suicides by Oregonians teenaged or younger were committed with guns. Only two attempts with guns did not result in death.

PATIENT STATUS

Half of the reported attempts (50%) were of such seriousness that the attempter was hospitalized; this figure includes attempters who were transferred to another institution for specialized care. [Table 8-11]. Males were more likely to be admitted as inpatients, 61 percent compared to 47 percent of females. Youngsters making their first attempt were least likely to be hospitalized; just 48 percent were compared to 57 percent of those who had made three or more prior attempts.

Certain methods were more likely than others to result in hospitalization. Of the categories with at least ten events, attempts involving hanging or suffocation most often resulted in hospitalization; 70 percent of attempters using these methods were hospitalized. [Table 8-12]. By comparison 41 percent of the attempts involving cutting led to hospitalization. Almost six in ten (59%) of the “other” cases required hospitalization. These most often involved poisoning in combination with lacerations. Also included in this category are other potentially lethal methods such as running in front of traffic. In most fatal attempts, the death occurred out-of-hospital.



SEVERITY OF INJURIES

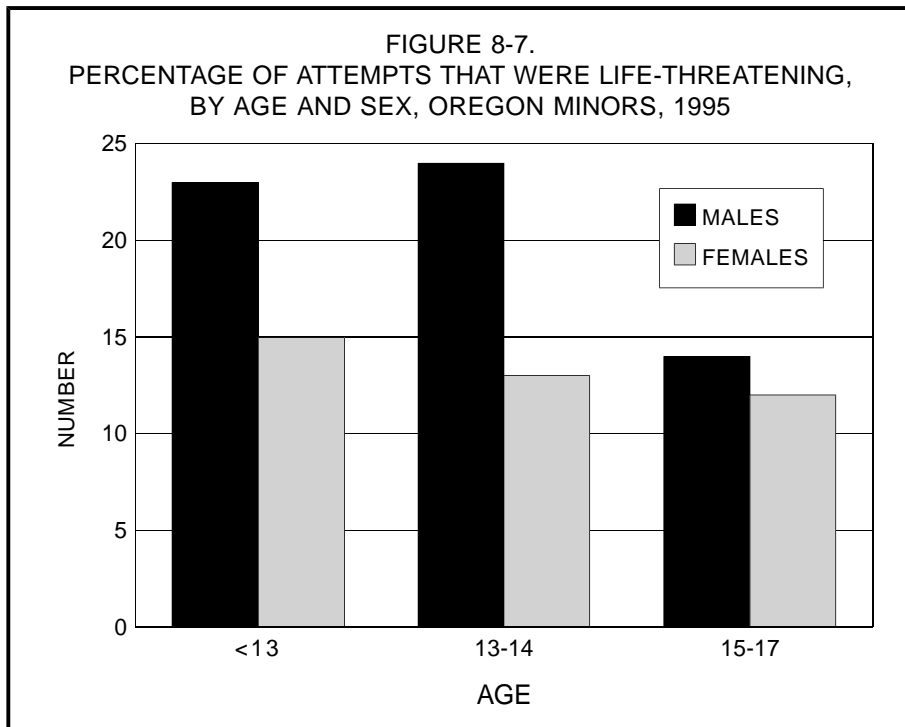
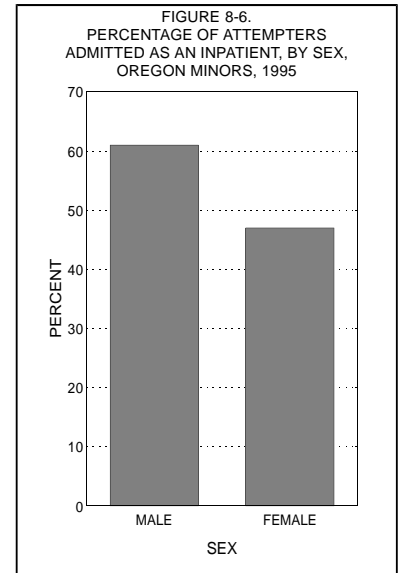
One in seven (13%) of the attempts were definitely life-threatening; another 42 percent were possibly life-threatening. Attempts by boys, especially those 14 or younger, were more often definitely or possibly life-threatening. [Table 8-13]. Some attempt methods were clearly riskier than others. Among those attempters who survived long enough to receive hospital care, suffocation and hanging attempts proved most dangerous (among the methods with at least 10 attempts). However, most fatal attempts were made with guns and death occurred before the adolescent could be transported to the hospital. Cutting and piercing injuries were least likely to be life-threatening. [Table 8-14].

SUICIDAL INTENT

Not all suicide attempts were made with death as a goal. Some may have been made with a desire to resolve a difficult conflict, indicate an intolerable living situation, or elicit sympathy or guilt.

The intent of the attempters was unknown in half (49%) of the cases but at least one in five (21%) of the attempters were believed to have tried to kill themselves. Males and preteens were most likely to have tried to end their lives. [Table 8-15].

Among the methods with at least 10 attempts, attempters who tried to hang or suffocate themselves were most likely to have had death as a goal. [Table 8-16]. Most of the attempts in this category involved hanging. Those attempters inflicting cutting injuries were least likely to have tried to kill themselves. Some adolescents misjudged the potential lethality of the method they used; one-third



(33%) of those who did not attempt to kill themselves made attempts that possibly or certainly put their lives at risk while 15 percent of attempters whose goal was death did not use life-threatening means.

The number of previous attempts was linked to the adolescents' intent; while 21 percent of those who had not made a prior attempt sought death, 36 percent of those who had made at least three prior attempts did so.

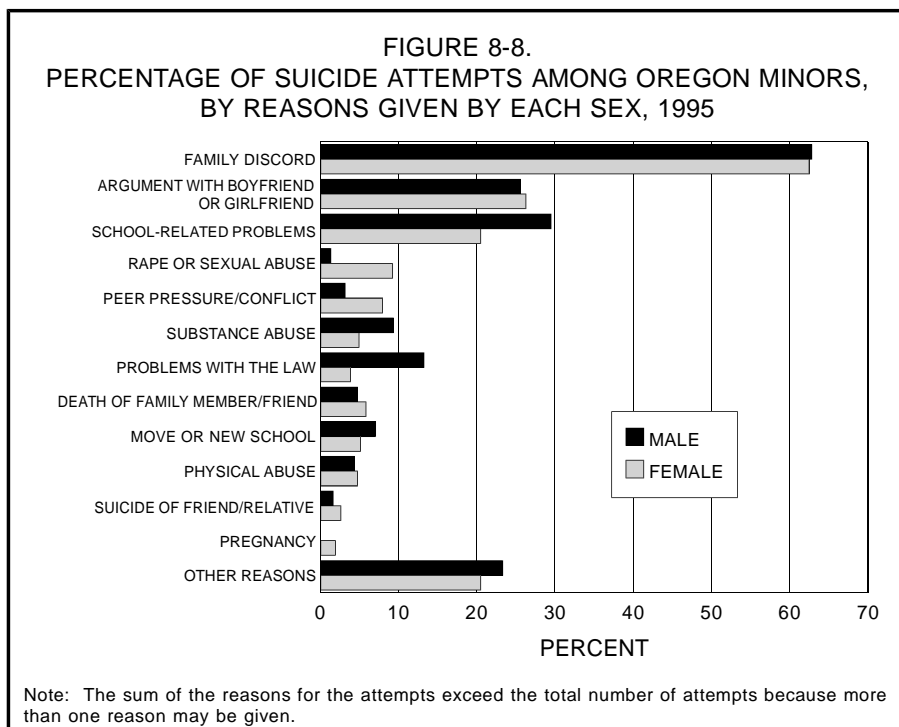
Attempters who were definitely trying to kill themselves were most likely to be admitted as inpatients: 72 percent compared to 55 percent of suicide ideators and 26 percent of those who did not attempt to kill themselves. (Suicide ideation is the expression of suicidal thought; no actual attempt is made.)

RECENT PERSONAL EVENTS

A suicide attempt may be triggered by a variety of personal crises. The report form allows one or more events leading to the attempt to be recorded.

Lack of social supports is a common thread among adolescents who attempt suicide, especially those who cite multiple reasons. One teenage girl, for example, was depressed and suicidal as a consequence of family discord, sexual and physical abuse, and reported being propositioned by her mother's boyfriend. Fewer than one-third of all attempters lived with both natural parents. The most commonly reported reasons follow in order of frequency:

Family discord was the most common cause of attempted suicide. Six in ten (63%) Oregon minors said this prompted their attempts. [Table 8-17].³ It was mentioned most often by 13- and 14-year-olds. [Figure 8-8]. Children attempting suicide who lived with their father



only were more likely to report family discord than those living with both natural parents, 88 percent compared to 58 percent. Family discord was mentioned by all of the 10 Asian and Pacific Islanders, the highest proportion by race; 60 percent of whites said discord was a cause. Attempters living in the tri-county (Clackamas, Multnomah, and Washington) area were more likely (66%) to report discord than others (61%).

An argument or breakup with a boyfriend or girlfriend was the second leading cause (26%). Older attempters were far more likely to give this as a reason than were their younger counterparts, but there was little difference by gender. Tri-county adolescents more often gave this as a reason than did those living east of the Cascades, 30 percent versus 23 percent.

School-related problems (e.g., performance, truancy) were ranked third and was cited by one in five (22%) attempters. Boys were more likely to report school-related problems than were girls, 30 percent compared to 21 percent. Preteens were almost twice as likely to report this reason than were attempters 15 or older. [Figure 8-9]. Not surprisingly, school-related problems were least frequently reported during June through August.

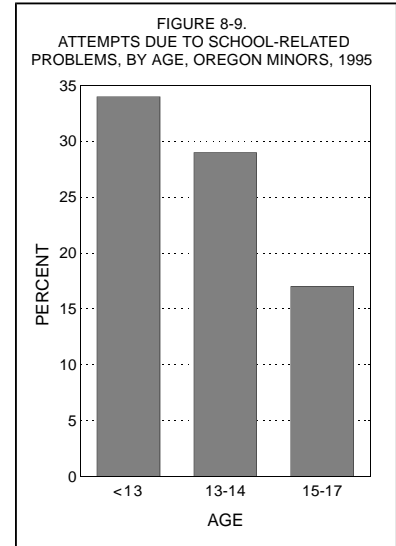
Sexual abuse or rape was cited by 8.9 percent of the attempters. It was reported three times more often among females than males, 10.3 percent versus 3.1 percent. Half (51%) of attempters reporting sexual abuse or rape had made previous attempts (compared to 32 percent of those who did not report it). Most often, the rape or sexual abuse was reportedly committed by fathers and uncles.

Peer pressure or conflict was identified as a cause by 6.9 percent of attempters. This was given as a reason more often by females and preteens. It was more common among tri-county youth (10%) than those living east of the Cascades (3.6%). Peer pressure, like school-related problems, was mentioned least often during June-August.

Substance abuse was linked to 5.7 percent of the attempts. It was listed almost twice as often by males as by females, 9.3 percent compared to 4.9 percent. Substance abuse was most common (by living situation) among attempters who were homeless (20%) or lived with a parent step-parent (12%); just 2.8 percent of attempters living with both natural parents reported substance abuse. Barbiturates, alcohol, and marijuana were most often mentioned. Attempters living in the Portland tri-county area were more likely to mention substance abuse than were those living elsewhere in Oregon, 7.9 percent versus 4.6 percent.

Encounters with the legal system were mentioned by 5.6 percent of the attempters. Shoplifting was most common but also reported were arson and other felonies. Males were over three times as likely to attempt suicide for this reason.

The death of a family member or friend prompted 5.6 percent of the attempts. Females were a little more likely to state that this was a reason for their attempt, as were preteens.



Half of all suicide attempters who had been raped or sexually abused made multiple suicide attempts.

A move or attendance at a new school was cited by 5.4 percent of the attempters with males somewhat more likely to do so than females. Preteens were most likely to report this as the cause of their attempt.

Physical abuse was reported in 4.4 percent of the attempts. Preteens gave this as a reason most often, but there was little difference by gender. Tri-county attempters were twice as likely to report physical abuse as were others, 6.6 percent compared to 3.2 percent. Physically abused children were most likely to have definitely tried to kill themselves. [Table 8-19]. They were also most likely to be admitted as an in-patient (79% versus 50% for all other reasons) and to have made prior attempts (59% versus 30% for all other reasons).

A suicide or attempted suicide by a family member or friend prompted 2.4 percent of the attempts. Thirteen and 14 year old attempters reported this as a reason more often than their younger or older counterparts.

Concern about pregnancy prompted 1.5 percent of the attempts. All of the attempters were female and all but two were 15 or older. Suicide attempts for this reason were most often definitely or possibly life-threatening, 70 percent compared to 55 percent for all other reasons. [Table 8-18].

Same-sex sexual orientation is generally accepted as a related underlying cause of teen suicide. The issue is difficult to study under the current reporting system because of a lack of comparison data. Moreover, even if information on sexual orientation were requested on the reporting form, its validity would be highly questionable; many teens would be unlikely to respond truthfully, if at all. Nevertheless, the risk is one that those providing health care to these teens must consider.

Other reasons given included: gang involvement, parental drug abuse, employment problems, abandonment, illness of family members or self, eviction, and falsely accusing an uncle (who was subsequently jailed) of rape. One 13-year-old said her father wished she were a boy. Another reported that her father told her to "Go hang yourself and get out of my life."

CONCLUSIONS

Although teen suicide rates are not as high as those for most older Oregonians, they have trended upward for more than three decades.

Health care professionals, parents, and others need to be aware that the changing social milieu is prompting more adolescents to consider suicide as an option. Without intervention, a failed suicide attempt may be followed by an attempt that results in death.

Physically abused children were most likely to have tried to kill themselves.

1. Beginning in 1995, two new questions were added to the suicide attempt report form. The first asks whether the attempt would have been life-threatening without treatment. The second asks whether the patient was definitely trying to kill himself/herself. In the past it was not always possible to identify suicide ideators and they were not included in the data; the new form makes this possible. Twenty-two ideation episodes were reported by hospitals. Had they not been reported, the number of attempts would have totaled 731. References to suicide attempters in this document include treated suicide ideators.
2. Because population data by race and age is available only for census years (e.g., 1990), more current attempt rates cannot be calculated.
3. The reasons for suicide attempts were reported for 88 percent of the attempts. The percentages here include only attempts for which the reasons were known.

**TABLE 8-1.
NUMBER OF SUICIDES AMONG OREGON TEENS AND PRETEENS
BY AGE AND SEX, 1982-1995**

YEAR AND SEX	AGE												
	10-19	10-17	15-19	10	11	12	13	14	15	16	17	18	19
1982 TOTAL	26	14	23	-	-	-	-	3	4	6	1	4	8
MALE	20	12	17	-	-	-	-	3	3	5	1	4	4
FEMALE	6	2	6	-	-	-	-	-	1	1	-	-	4
1983 TOTAL	19	6	19	-	-	-	-	-	-	2	4	1	12
MALE	16	6	16	-	-	-	-	-	-	2	4	1	9
FEMALE	3	-	3	-	-	-	-	-	-	-	-	-	3
1984 TOTAL	25	12	21	-	1	-	1	2	3	1	4	6	7
MALE	18	8	14	-	1	-	1	2	1	-	3	4	6
FEMALE	7	4	7	-	-	-	-	-	2	1	1	2	1
1985 TOTAL	36	20	29	-	2	-	3	2	3	4	6	5	11
MALE	29	14	25	-	2	-	1	1	3	3	4	5	10
FEMALE	7	6	4	-	-	-	2	1	-	1	2	-	1
1986 TOTAL	34	19	30	-	-	1	1	2	1	5	9	8	7
MALE	30	18	27	-	-	-	1	2	1	5	9	6	6
FEMALE	4	1	3	-	-	1	-	-	-	-	-	2	1
1987 TOTAL	23	9	22	-	-	-	-	1	3	3	2	10	4
MALE	19	6	18	-	-	-	-	1	2	2	1	9	4
FEMALE	4	3	4	-	-	-	-	-	1	1	1	1	-
1988 TOTAL	35	16	32	-	-	2	-	1	1	3	9	9	10
MALE	28	12	25	-	-	2	-	1	1	2	6	7	9
FEMALE	7	4	7	-	-	-	-	-	-	1	3	2	1
1989 TOTAL	26	16	22	-	-	1	1	2	2	3	7	3	7
MALE	21	13	17	-	-	1	1	2	2	3	4	2	6
FEMALE	5	3	5	-	-	-	-	-	-	-	3	1	1
1990 TOTAL	*40	24	32	*1	-	-	2	5	3	6	7	6	10
MALE	*29	14	25	*1	-	-	-	3	3	2	5	6	9
FEMALE	11	10	7	-	-	-	2	2	-	4	2	-	1
1991 TOTAL	41	21	37	-	1	1	-	2	3	8	6	10	10
MALE	31	14	29	-	1	1	-	-	2	6	4	7	10
FEMALE	10	7	8	-	-	-	-	2	1	2	2	3	-
1992 TOTAL	40	25	34	-	1	1	1	3	6	7	6	7	8
MALE	34	21	31	-	1	-	1	1	6	6	6	6	7
FEMALE	6	4	3	-	-	1	-	2	-	1	-	1	1
1993 TOTAL	33	24	24	-	1	-	4	4	1	5	9	3	6
MALE	30	23	22	-	1	-	3	4	1	5	9	3	4
FEMALE	3	1	2	-	-	-	1	-	-	-	-	-	2
1994 TOTAL	37	21	31	-	-	-	3	3	1	6	8	8	8
MALE	24	11	22	-	-	-	2	-	-	2	7	6	7
FEMALE	13	10	9	-	-	-	1	3	1	4	1	2	1
1995 TOTAL	43	27	38	-	-	1	1	3	8	2	12	8	8
MALE	35	22	32	-	-	1	1	1	6	2	11	8	5
FEMALE	8	5	6	-	-	-	-	2	2	-	1	-	3

*Includes one seven-year-old.

TABLE 8-2.
SUICIDE ATTEMPTS BY SEX AND AGE, OREGON MINORS,
1995

SEX	TOTAL	AGE		
		<=12	13-14	15-17
TOTAL	753	47	236	470
MALE	150	13	29	108
FEMALE	603	34	207	362
<i>ROW PERCENT</i>				
TOTAL	100.0	6.2	31.3	62.4
MALE	100.0	8.7	19.3	72.0
FEMALE	100.0	5.6	34.3	60.0
<i>COLUMN PERCENT</i>				
TOTAL	100.0	100.0	100.0	100.0
MALE	19.9	27.7	12.3	23.0
FEMALE	80.1	72.3	87.7	77.0

**TABLE 8-3.
SUICIDE ATTEMPTS BY AGE AND LIVING
SITUATION, OREGON MINORS, 1995**

LIVING SITUATION	TOTAL	AGE		
		<=12	13-14	15-17
TOTAL	753	47	236	470
BOTH PARENTS	212	15	72	125
FATHER ONLY	34	-	9	25
MOTHER ONLY	194	14	69	111
PARENT & STEPPARENT	94	4	23	67
OTHER RELATIVES	44	3	17	24
FRIENDS	23	-	3	20
FOSTER PARENTS, CSD, ETC.	40	3	16	21
HOMELESS	11	-	1	10
OTHER	35	4	8	23
NOT STATED	66	4	18	44
<i>ROW PERCENT</i>				
TOTAL	100.0	6.2	31.3	62.4
BOTH PARENTS	100.0	7.1	34.0	59.0
FATHER ONLY	100.0	-	26.5	73.5
MOTHER ONLY	100.0	7.2	35.6	57.2
PARENT & STEPPARENT	100.0	4.3	24.5	71.3
OTHER RELATIVES	100.0	6.8	38.6	54.5
FRIENDS	100.0	-	13.0	87.0
FOSTER PARENTS, CSD, ETC.	100.0	7.5	40.0	52.5
HOMELESS	100.0	-	9.1	90.9
OTHER	100.0	11.4	22.9	65.7
NOT STATED	100.0	6.1	27.3	66.7
<i>COLUMN PERCENT</i>				
TOTAL	100.0	100.0	100.0	100.0
BOTH PARENTS	28.2	31.9	30.5	26.6
FATHER ONLY	4.5	-	3.8	5.3
MOTHER ONLY	25.8	29.8	29.2	23.6
PARENT & STEPPARENT	12.5	8.5	9.7	14.3
OTHER RELATIVES	5.8	6.4	7.2	5.1
FRIENDS	3.1	-	1.3	4.3
FOSTER PARENTS, CSD, ETC.	5.3	6.4	6.8	4.5
HOMELESS	1.5	-	.4	2.1
OTHER	4.6	8.5	3.4	4.9
NOT STATED	8.8	8.5	7.6	9.4

**TABLE 8-4.
SUICIDE ATTEMPTS BY SEX, AGE, AND RESIDENCE COUNTY,
OREGON MINORS, 1995**

COUNTY OF RESIDENCE	TOTAL	ATTEMPT RATE	AGE					
			<=12		13-14		15-17	
			M	F	M	F	M	F
TOTAL	753	214.4	13	34	29	207	108	362
BAKER	3	144.4	-	-	-	1	1	1
BENTON	20	267.9	1	2	-	5	5	7
CLACKAMAS	53	143.7	-	3	2	16	10	22
CLATSOP	10	220.9	1	1	-	3	-	5
COLUMBIA	6	117.3	-	2	-	2	1	1
COOS	21	277.8	1	1	-	8	3	8
CROOK	-	-	-	-	-	-	-	-
CURRY	7	342.5	-	-	-	1	4	2
DESCHUTES	25	237.5	-	1	-	9	2	13
DOUGLAS	30	259.1	-	-	-	6	5	19
GILLIAM	-	-	-	-	-	-	-	-
GRANT	1	98.4	-	-	-	-	1	-
HARNEY	4	446.9	-	-	-	1	-	3
HOOD RIVER	7	323.8	-	-	-	1	3	3
JACKSON	41	222.0	-	-	3	9	6	23
JEFFERSON	1	50.3	-	-	-	-	-	1
JOSEPHINE	11	139.4	-	-	-	2	-	9
KLAMATH	21	293.5	-	2	-	9	2	8
LAKE	2	208.8	-	-	-	-	1	1
LANE	56	170.6	-	4	3	12	5	32
LINCOLN	6	129.4	-	-	2	4	-	-
LINN	19	157.1	1	3	2	6	3	4
MALHEUR	9	243.8	-	-	-	5	2	2
MARION	102	346.5	1	1	6	30	17	47
MORROW	1	86.6	-	-	-	-	-	1
MULTNOMAH	143	224.2	6	9	7	43	21	57
POLK	14	212.4	-	-	1	1	1	11
SHERMAN	-	-	-	-	-	-	-	-
TILLAMOOK	6	225.5	1	-	-	-	1	4
UMATILLA	11	140.2	1	-	1	1	1	7
UNION	10	330.4	-	-	-	2	1	7
WALLOWA	2	209.9	-	-	-	-	-	2
WASCO	7	257.1	-	-	-	3	2	2
WASHINGTON	59	141.3	-	1	1	13	6	38
WHEELER	-	-	-	-	-	-	-	-
YAMHILL	45	468.7	-	4	1	14	4	22

NOTE: Rates are per 100,000 10- to 17-year-olds.

WARNING: Rates based on fewer than 5 events may be unreliable.

TABLE 8-5.
SUICIDE ATTEMPTS BY SEX AND PLACE OF ATTEMPT, OREGON MINORS, 1995

SEX	TOTAL	PLACE OF ATTEMPT								
		PRIVATE HOME		SCHOOL	JAIL	OTHER INSTITUTION	PUBLIC PLACE	FOSTER HOME	OTHER	N.S.*
		OWN	OTHER							
TOTAL	753	549	43	17	-	27	10	4	21	82
MALE	150	102	8	2	-	11	3	1	5	18
FEMALE	603	447	35	15	-	16	7	3	16	64
<i>ROW PERCENT</i>										
TOTAL	100.0	72.9	5.7	2.3	-	3.6	1.3	.5	2.8	10.9
MALE	100.0	68.0	5.3	1.3	-	7.3	2.0	.7	3.3	12.0
FEMALE	100.0	74.1	5.8	2.5	-	2.7	1.2	.5	2.7	10.6
<i>COLUMN PERCENT</i>										
TOTAL	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	100.0
MALE	19.9	18.6	18.6	11.8	-	40.7	30.0	25.0	23.8	22.0
FEMALE	80.1	81.4	81.4	88.2	-	59.3	70.0	75.0	76.2	78.0

NOTE: Beginning in 1992, the categories "street" and "public place" were combined under "public place."

* Not stated.

**TABLE 8-6.
PRIOR SUICIDE ATTEMPTS BY CURRENT ATTEMPTERS DURING THE
PREVIOUS FIVE YEARS, BY SEX AND NUMBER OF ATTEMPTS,
OREGON MINORS, 1995**

SEX	TOTAL	PREVIOUS ATTEMPTS						
		0	1	2	3	4+	YES BUT # UNK.	NOT STATED
TOTAL	753	318	112	27	17	19	58	202
MALE	150	61	19	5	2	3	9	51
FEMALE	603	257	93	22	15	16	49	151
<i>ROW PERCENT</i>								
TOTAL	100.0	42.2	14.9	3.6	2.3	2.5	7.7	26.8
MALE	100.0	40.7	12.7	3.3	1.3	2.0	6.0	34.0
FEMALE	100.0	42.6	15.4	3.6	2.5	2.7	8.1	25.0
<i>COLUMN PERCENT</i>								
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MALE	19.9	19.2	17.0	18.5	11.8	15.8	15.5	25.2
FEMALE	80.1	80.8	83.0	81.5	88.2	84.2	84.5	74.8

**TABLE 8-7.
SUICIDE ATTEMPTS BY METHOD AND SEX,
OREGON MINORS, 1995**

METHOD OF ATTEMPT	TOTAL	SEX	
		MALE	FEMALE
TOTAL	753	150	603
POISONING, DRUGS	572	95	477
POISONING, SOLIDS & LIQUIDS	35	5	30
POISONING, GAS	2	1	1
SUFFOCATION & HANGING	23	14	9
DROWNING	-	-	-
FIREARMS	2	1	1
CUTTING & PIERCING	58	17	41
JUMPING FROM A HIGH PLACE	5	1	4
OTHER	34	10	24
IDEATION ONLY	22	6	16
<i>ROW PERCENT</i>			
TOTAL	100.0	19.9	80.1
POISONING, DRUGS	100.0	16.6	83.4
POISONING, SOLIDS & LIQUIDS	100.0	14.3	85.7
POISONING, GAS	100.0	50.0	50.0
SUFFOCATION & HANGING	100.0	60.9	39.1
DROWNING	-	-	-
FIREARMS	100.0	50.0	50.0
CUTTING & PIERCING	100.0	29.3	70.7
JUMPING FROM A HIGH PLACE	100.0	20.0	80.0
OTHER	100.0	29.4	70.6
IDEATION ONLY	100.0	27.3	72.7
<i>COLUMN PERCENT</i>			
TOTAL	100.0	100.0	100.0
POISONING, DRUGS	76.0	63.3	79.1
POISONING, SOLIDS & LIQUIDS	4.6	3.3	5.0
POISONING, GAS	.3	.7	.2
SUFFOCATION & HANGING	3.1	9.3	1.5
DROWNING	-	-	-
FIREARMS	.3	.7	.2
CUTTING & PIERCING	7.7	11.3	6.8
JUMPING FROM A HIGH PLACE	.7	.7	.7
OTHER	4.5	6.7	4.0
IDEATION ONLY	2.9	4.0	2.7

**TABLE 8-8.
SUICIDE ATTEMPTS BY METHOD AND AGE,
OREGON MINORS, 1995**

METHOD OF ATTEMPT	TOTAL	AGE		
		<=12	13-14	15-17
TOTAL	753	47	236	470
POISONING, DRUGS	572	32	185	355
POISONING, SOLIDS & LIQUIDS	35	3	13	19
POISONING, GAS	2	-	-	2
SUFFOCATION & HANGING	23	5	7	11
DROWNING	-	-	-	-
FIREARMS	2	-	1	1
CUTTING & PIERCING	58	1	14	43
JUMPING FROM A HIGH PLACE	5	4	-	1
OTHER	34	2	11	21
IDEATION ONLY	22	-	5	17
<i>ROW PERCENT</i>				
TOTAL	100.0	6.2	31.3	62.4
POISONING, DRUGS	100.0	5.6	32.3	62.1
POISONING, SOLIDS & LIQUIDS	100.0	8.6	37.1	54.3
POISONING, GAS	100.0	-	-	100.0
SUFFOCATION & HANGING	100.0	21.7	30.4	47.8
DROWNING	-	-	-	-
FIREARMS	100.0	-	50.0	50.0
CUTTING & PIERCING	100.0	1.7	24.1	74.1
JUMPING FROM A HIGH PLACE	100.0	80.0	-	20.0
OTHER	100.0	5.9	32.4	61.8
IDEATION ONLY	100.0	-	22.7	77.3
<i>COLUMN PERCENT</i>				
TOTAL	100.0	100.0	100.0	100.0
POISONING, DRUGS	76.0	68.1	78.4	75.5
POISONING, SOLIDS & LIQUIDS	4.6	6.4	5.5	4.0
POISONING, GAS	.3	-	-	.4
SUFFOCATION & HANGING	3.1	10.6	3.0	2.3
DROWNING	-	-	-	-
FIREARMS	.3	-	.4	.2
CUTTING & PIERCING	7.7	2.1	5.9	9.1
JUMPING FROM A HIGH PLACE	.7	8.5	-	.2
OTHER	4.5	4.3	4.7	4.5
IDEATION ONLY	2.9	-	2.1	3.6

TABLE 8-9.
SUICIDE ATTEMPTS BY METHOD AND REGION OF ATTEMPT,
OREGON MINORS, 1995

METHOD OF ATTEMPT	TOTAL	REGION		
		TRI-COUNTY*	WESTERN OREGON	EASTERN OREGON
TOTAL	753	255	394	104
POISONING, DRUGS	572	188	301	83
POISONING, SOLIDS & LIQUIDS	35	15	15	5
POISONING, GAS	2	-	1	1
SUFFOCATION & HANGING	23	3	17	3
DROWNING	-	-	-	-
FIREARMS	2	-	-	2
CUTTING & PIERCING	58	29	26	3
JUMPING FROM A HIGH PLACE	5	4	1	-
OTHER	34	9	20	5
IDEATION ONLY	22	7	13	2
<i>ROW PERCENT</i>				
TOTAL	100.0	33.9	52.3	13.8
POISONING, DRUGS	100.0	32.9	52.6	14.5
POISONING, SOLIDS & LIQUIDS	100.0	42.9	42.9	14.3
POISONING, GAS	100.0	-	50.0	50.0
SUFFOCATION & HANGING	100.0	13.0	73.9	13.0
DROWNING	-	-	-	-
FIREARMS	100.0	-	-	100.0
CUTTING & PIERCING	100.0	50.0	44.8	5.2
JUMPING FROM A HIGH PLACE	100.0	80.0	20.0	-
OTHER	100.0	26.5	58.8	14.7
IDEATION ONLY	100.0	31.8	59.1	9.1
<i>COLUMN PERCENT</i>				
TOTAL	100.0	100.0	100.0	100.0
POISONING, DRUGS	76.0	73.7	76.4	79.8
POISONING, SOLIDS & LIQUIDS	4.6	5.9	3.8	4.8
POISONING, GAS	.3	-	.3	1.0
SUFFOCATION & HANGING	3.1	1.2	4.3	2.9
DROWNING	-	-	-	-
FIREARMS	.3	-	-	1.9
CUTTING & PIERCING	7.7	11.4	6.6	2.9
JUMPING FROM A HIGH PLACE	.7	1.6	.3	-
OTHER	4.5	3.5	5.1	4.8
IDEATION ONLY	2.9	2.7	3.3	1.9

* Clackamas, Multnomah and Washington.

**TABLE 8-10.
SUICIDE ATTEMPTS BY METHOD AND ATTEMPTS DURING THE
PREVIOUS FIVE YEARS, OREGON MINORS, 1995**

METHOD OF ATTEMPT	TOTAL	PREVIOUS ATTEMPTS		
		NO PREVIOUS ATTEMPTS	PREVIOUS ATTEMPTS	NOT STATED
TOTAL	753	318	233	202
POISONING, DRUGS	572	270	159	143
POISONING, SOLIDS & LIQUIDS	35	12	12	11
POISONING, GAS	2	-	1	1
SUFFOCATION & HANGING	23	5	13	5
DROWNING	-	-	-	-
FIREARMS	2	-	1	1
CUTTING & PIERCING	58	14	26	18
JUMPING FROM A HIGH PLACE	5	1	1	3
OTHER	34	9	11	14
IDEATION ONLY	22	7	9	6
<i>ROW PERCENT</i>				
TOTAL	100.0	42.2	30.9	26.8
POISONING, DRUGS	100.0	47.2	27.8	25.0
POISONING, SOLIDS & LIQUIDS	100.0	34.3	34.3	31.4
POISONING, GAS	100.0	-	50.0	50.0
SUFFOCATION & HANGING	100.0	21.7	56.5	21.7
DROWNING	-	-	-	-
FIREARMS	100.0	-	50.0	50.0
CUTTING & PIERCING	100.0	24.1	44.8	31.0
JUMPING FROM A HIGH PLACE	100.0	20.0	20.0	60.0
OTHER	100.0	26.5	32.4	41.2
IDEATION ONLY	100.0	31.8	40.9	27.3
<i>COLUMN PERCENT</i>				
TOTAL	100.0	100.0	100.0	100.0
POISONING, DRUGS	76.0	84.9	68.2	70.8
POISONING, SOLIDS & LIQUIDS	4.6	3.8	5.2	5.4
POISONING, GAS	.3	-	.4	.5
SUFFOCATION & HANGING	3.1	1.6	5.6	2.5
DROWNING	-	-	-	-
FIREARMS	.3	-	.4	.5
CUTTING & PIERCING	7.7	4.4	11.2	8.9
JUMPING FROM A HIGH PLACE	.7	.3	.4	1.5
OTHER	4.5	2.8	4.7	6.9
IDEATION ONLY	2.9	2.2	3.9	3.0

TABLE 8-11.
SUICIDE ATTEMPTS BY SEX AND SUBSEQUENT PATIENT
STATUS, OREGON MINORS, 1995

SEX	TOTAL	PATIENT STATUS			
		ADMITTED AS AN INPATIENT	OUT- PATIENT	TRANS- FERRED	NOT STATED
TOTAL	753	307	377	68	1
MALE	150	70	59	21	-
FEMALE	603	237	318	47	1
<i>ROW PERCENT</i>					
TOTAL	100.0	40.8	50.1	9.0	0.1
MALE	100.0	46.7	39.3	14.0	-
FEMALE	100.0	39.3	52.7	7.8	.2
<i>COLUMN PERCENT</i>					
TOTAL	100.0	100.0	100.0	100.0	100.0
MALE	19.9	22.8	15.6	30.9	-
FEMALE	80.1	77.2	84.4	69.1	100.0

NOTE: No attempts were made by adolescents who were inpatients at the time of their attempt.

TABLE 8-12.
SUICIDE ATTEMPTS BY METHOD AND SUBSEQUENT PATIENT
STATUS, OREGON MINORS, 1995

METHOD OF ATTEMPT	TOTAL	PATIENT STATUS			
		ADMITTED AS AN INPATIENT	OUT- PATIENT	TRANS- FERRED	NOT STATED
TOTAL	753	307	377	68	1
POISONING, DRUGS	572	238	293	40	1
POISONING, SOLIDS & LIQUIDS	35	11	19	5	-
POISONING, GAS	2	1	1	-	-
SUFFOCATION & HANGING	23	12	7	4	-
DROWNING	-	-	-	-	-
FIREARMS	2	2	-	-	-
CUTTING & PIERCING	58	16	34	8	-
JUMPING FROM A HIGH PLACE	5	2	1	2	-
OTHER	34	16	12	6	-
IDEATION ONLY	22	9	10	3	-
<i>ROW PERCENT</i>					
TOTAL	100.0	40.8	50.1	9.0	.1
POISONING, DRUGS	100.0	41.6	51.2	7.0	.2
POISONING, SOLIDS & LIQUIDS	100.0	31.4	54.3	14.3	-
POISONING, GAS	100.0	50.0	50.0	-	-
SUFFOCATION & HANGING	100.0	52.2	30.4	17.4	-
DROWNING	-	-	-	-	-
FIREARMS	100.0	100.0	-	-	-
CUTTING & PIERCING	100.0	27.6	58.6	13.8	-
JUMPING FROM A HIGH PLACE	100.0	40.0	20.0	40.0	-
OTHER	100.0	47.1	35.3	17.6	-
IDEATION ONLY	100.0	40.9	45.5	13.6	-
<i>COLUMN PERCENT</i>					
TOTAL	100.0	100.0	100.0	100.0	100.0
POISONING, DRUGS	76.0	77.5	77.7	58.8	100.0
POISONING, SOLIDS & LIQUIDS	4.6	3.6	5.0	7.4	-
POISONING, GAS	.3	.3	.3	-	-
SUFFOCATION & HANGING	3.1	3.9	1.9	5.9	-
DROWNING	-	-	-	-	-
FIREARMS	.3	.7	-	-	-
CUTTING & PIERCING	7.7	5.2	9.0	11.8	-
JUMPING FROM A HIGH PLACE	.7	.7	.3	2.9	-
OTHER	4.5	5.2	3.2	8.8	-
IDEATION ONLY	2.9	2.9	2.7	4.4	-

NOTE: No attempts were made by adolescents who were inpatients at the time of their attempt.

**TABLE 8-13.
SUICIDE ATTEMPTS BY ATTEMPTER'S AGE, SEX AND
SEVERITY OF INJURIES, OREGON MINORS, 1995**

SEX AND AGE	TOTAL	LIFE-THREATENING?			
		YES	POSSIBLY	NO	NOT STATED
BOTH SEXES	753	101	315	311	26
<=12	47	8	17	20	2
13-14	236	34	98	93	11
15-17	470	59	200	198	13
MALE	150	25	64	55	6
<=12	13	3	6	3	1
13-14	29	7	12	9	1
15-17	108	15	46	43	4
FEMALE	603	76	251	256	20
<=12	34	5	11	17	1
13-14	207	27	86	84	10
15-17	362	44	154	155	9
ROW PERCENT					
BOTH SEXES	100.0	13.4	41.8	41.3	3.5
<=12	100.0	17.0	36.2	42.6	4.3
13-14	100.0	14.4	41.5	39.4	4.7
15-17	100.0	12.6	42.6	42.1	2.8
MALE	100.0	16.7	42.7	36.7	4.0
<=12	100.0	23.1	46.2	23.1	7.7
13-14	100.0	24.1	41.4	31.0	3.4
15-17	100.0	13.9	42.6	39.8	3.7
FEMALE	100.0	12.6	41.6	42.5	3.3
<=12	100.0	14.7	32.4	50.0	2.9
13-14	100.0	13.0	41.5	40.6	4.8
15-17	100.0	12.2	42.5	42.8	2.5

TABLE 8-14.
SUICIDE ATTEMPTS BY METHOD AND SEVERITY OF INJURIES, OREGON MINORS, 1995

METHOD OF ATTEMPT	TOTAL	LIFE-THREATENING?			
		YES	POSSIBLY	NO	NOT-STATED
TOTAL	753	101	315	311	26
POISONING, DRUGS	572	83	255	212	22
POISONING, SOLIDS & LIQUIDS	35	2	19	12	2
POISONING, GAS	2	1	1	-	-
SUFFOCATION & HANGING	23	7	11	5	-
DROWNING	-	-	-	-	-
FIREARMS	2	2	-	-	-
CUTTING & PIERCING	58	-	14	44	-
JUMPING FROM A HIGH PLACE	5	2	-	3	-
OTHER	34	4	15	13	2
IDEATION ONLY	22	-	-	22	-
<i>ROW PERCENT</i>					
TOTAL	100.0	13.4	41.8	41.3	3.5
POISONING, DRUGS	100.0	14.5	44.6	37.1	3.8
POISONING, SOLIDS & LIQUIDS	100.0	5.7	54.3	34.3	5.7
POISONING, GAS	100.0	50.0	50.0	-	-
SUFFOCATION & HANGING	100.0	30.4	47.8	21.7	-
DROWNING	-	-	-	-	-
FIREARMS	100.0	100.0	-	-	-
CUTTING & PIERCING	100.0	-	24.1	75.9	-
JUMPING FROM A HIGH PLACE	100.0	40.0	-	60.0	-
OTHER	100.0	11.8	44.1	38.2	5.9
IDEATION ONLY	100.0	-	-	100.0	-
<i>COLUMN PERCENT</i>					
TOTAL	100.0	100.0	100.0	100.0	100.0
POISONING, DRUGS	76.0	82.2	81.0	68.2	84.6
POISONING, SOLIDS & LIQUIDS	4.6	2.0	6.0	3.9	7.7
POISONING, GAS	.3	1.0	.3	-	-
SUFFOCATION & HANGING	3.1	6.9	3.5	1.6	-
DROWNING	-	-	-	-	-
FIREARMS	.3	2.0	-	-	-
CUTTING & PIERCING	7.7	-	4.4	14.1	-
JUMPING FROM A HIGH PLACE	.7	2.0	-	1.0	-
OTHER	4.5	4.0	4.8	4.2	7.7
IDEATION ONLY	2.9	-	-	7.1	-

**TABLE 8-15.
SUICIDE ATTEMPTS BY SEX, AGE AND INTENT OF ATTEMPTER,
OREGON MINORS, 1995**

SEX AND AGE	TOTAL	TRIED TO KILL THEMSELVES?			
		YES	NO	IDEATION	UNCERTAIN
BOTH SEXES	753	158	207	22	366
<=12	47	12	10	-	25
13-14	236	47	77	5	107
15-17	470	99	120	17	234
MALE	150	35	31	6	78
<=12	13	3	2	-	8
13-14	29	9	7	-	13
15-17	108	23	22	6	57
FEMALE	603	123	176	16	288
<=12	34	9	8	-	17
13-14	207	38	70	5	94
15-17	362	76	98	11	177
ROW PERCENT					
BOTH SEXES	100.0	21.0	27.5	2.9	48.6
<=12	100.0	25.5	21.3	-	53.2
13-14	100.0	19.9	32.6	2.1	45.3
15-17	100.0	21.1	25.5	3.6	49.8
MALE	100.0	23.3	20.7	4.0	52.0
<=12	100.0	23.1	15.4	-	61.5
13-14	100.0	31.0	24.1	-	44.8
15-17	100.0	21.3	20.4	5.6	52.8
FEMALE	100.0	20.4	29.2	2.7	47.8
<=12	100.0	26.5	23.5	-	50.0
13-14	100.0	18.4	33.8	2.4	45.4
15-17	100.0	21.0	27.1	3.0	48.9

TABLE 8-16.
SUICIDE ATTEMPTS BY METHOD AND INTENT OF ATTEMPTER, OREGON MINORS, 1995

METHOD OF ATTEMPT	TOTAL	TRIED TO KILL THEMSELVES?			
		YES	NO	IDEATION	UNCERTAIN
TOTAL	753	158	207	22	366
POISONING, DRUGS	572	120	173	-	279
POISONING, SOLIDS & LIQUIDS	35	8	8	-	19
POISONING, GAS	2	1	-	-	1
SUFFOCATION & HANGING	23	6	3	-	14
DROWNING	-	-	-	-	-
FIREARMS	2	1	-	-	1
CUTTING & PIERCING	58	9	18	-	31
JUMPING FROM A HIGH PLACE	5	1	-	-	4
OTHER	34	12	5	-	17
IDEATION ONLY	22	-	-	22	-
<i>ROW PERCENT</i>					
TOTAL	100.0	21.0	27.5	2.9	48.6
POISONING, DRUGS	100.0	21.0	30.2	-	48.8
POISONING, SOLIDS & LIQUIDS	100.0	22.9	22.9	-	54.3
POISONING, GAS	100.0	50.0	-	-	50.0
SUFFOCATION & HANGING	100.0	26.1	13.0	-	60.9
DROWNING	-	-	-	-	-
FIREARMS	100.0	50.0	-	-	50.0
CUTTING & PIERCING	100.0	15.5	31.0	-	53.4
JUMPING FROM A HIGH PLACE	100.0	20.0	-	-	80.0
OTHER	100.0	35.3	14.7	-	50.0
IDEATION ONLY	100.0	-	-	100.0	-
<i>COLUMN PERCENT</i>					
TOTAL	100.0	100.0	100.0	100.0	100.0
POISONING, DRUGS	76.0	75.9	83.6	-	76.2
POISONING, SOLIDS & LIQUIDS	4.6	5.1	3.9	-	5.2
POISONING, GAS	.3	.6	-	-	.3
SUFFOCATION & HANGING	3.1	3.8	1.4	-	3.8
DROWNING	-	-	-	-	-
FIREARMS	.3	.6	-	-	.3
CUTTING & PIERCING	7.7	5.7	8.7	-	8.5
JUMPING FROM A HIGH PLACE	.7	.6	-	-	1.1
OTHER	4.5	7.6	2.4	-	4.6
IDEATION ONLY	2.9	-	-	100.0	-

**TABLE 8-17.
REASONS GIVEN FOR SUICIDE ATTEMPTS BY AGE AND SEX,
OREGON MINORS, 1995**

REASONS	TOTAL	SEX		AGE		
		MALE	FEMALE	<=12	13-14	15-17
TOTAL						
NUMBER	662	129	533	44	205	413
PERCENT	100.0	100.0	100.0	100.0	100.0	100.0
FAMILY DISCORD						
NUMBER	414	81	333	24	141	249
PERCENT	62.5	62.8	62.5	54.5	68.8	60.3
ARGUMENT WITH BOY/GIRLFRIEND						
NUMBER	173	33	140	-	40	133
PERCENT	26.1	25.6	26.3	-	19.5	32.2
SCHOOL-RELATED PROBLEMS						
NUMBER	147	38	109	15	60	72
PERCENT	22.2	29.5	20.5	34.1	29.3	17.4
RAPE OR SEXUAL ABUSE						
NUMBER	59	4	55	5	19	35
PERCENT	8.9	3.1	10.3	11.4	9.3	8.5
PEER PRESSURE/CONFLICT						
NUMBER	46	4	42	5	19	22
PERCENT	6.9	3.1	7.9	11.4	9.3	5.3
SUBSTANCE ABUSE						
NUMBER	38	12	26	1	13	24
PERCENT	5.7	9.3	4.9	2.3	6.3	5.8
PROBLEMS WITH THE LAW						
NUMBER	37	17	20	1	11	25
PERCENT	5.6	13.2	3.8	2.3	5.4	6.1
DEATH OF FAMILY MEMBER/FRIEND						
NUMBER	37	6	31	4	11	22
PERCENT	5.6	4.7	5.8	9.1	5.4	5.3
MOVE OR NEW SCHOOL						
NUMBER	36	9	27	3	11	22
PERCENT	5.4	7.0	5.1	6.8	5.4	5.3
PHYSICAL ABUSE						
NUMBER	29	6	23	3	8	18
PERCENT	4.4	4.7	4.3	6.8	3.9	4.4
SUICIDE BY FRIEND/RELATIVE						
NUMBER	16	2	14	-	7	9
PERCENT	2.4	1.6	2.6	-	3.4	2.2
PREGNANCY						
NUMBER	10	-	10	-	2	8
PERCENT	1.5	-	1.9	-	1.0	1.9
OTHER REASONS						
NUMBER	139	30	109	10	39	90
PERCENT	21.0	23.3	20.5	22.7	19.0	21.8

NOTE: Reports with unknown reasons for suicide attempts are not included in this table.
Percentages do not total 100 because more than one reason may have been given.
The category "suicide by friend/relative" includes suicide attempts.

TABLE 8-18.
REASONS GIVEN FOR SUICIDE ATTEMPTS BY SEVERITY OF INJURIES, OREGON MINORS, 1995

REASONS	TOTAL		LIFE THREATENING?							
			YES		POSSIBLY		NO		NOT STATED	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	662	100.0	95	14.4	272	41.1	275	41.5	20	3.0
FAMILY DISCORD	414	100.0	58	14.0	175	42.3	169	40.8	12	2.9
ARGUMENT WITH BOY/GIRLFRIEND	173	100.0	29	16.8	66	38.2	76	43.9	2	1.2
SCHOOL-RELATED PROBLEMS	147	100.0	22	15.0	57	38.8	62	42.2	6	4.1
RAPE OR SEXUAL ABUSE	59	100.0	10	16.9	26	44.1	19	32.2	4	6.8
PEER PRESSURE/CONFLICT	46	100.0	2	4.3	23	50.0	20	43.5	1	2.2
SUBSTANCE ABUSE	38	100.0	7	18.4	11	28.9	17	44.7	3	7.9
PROBLEMS WITH THE LAW	37	100.0	8	21.6	13	35.1	15	40.5	1	2.7
DEATH OF FAMILY MEMBER/FRIEND	37	100.0	5	13.5	13	35.1	16	43.2	3	8.1
MOVE OR NEW SCHOOL	36	100.0	8	22.2	12	33.3	14	38.9	2	5.6
PHYSICAL ABUSE	29	100.0	4	13.8	14	48.3	10	34.5	1	3.4
SUICIDE BY FRIEND/RELATIVE	16	100.0	5	31.3	6	37.5	5	31.3	-	-
PREGNANCY	10	100.0	2	20.0	5	50.0	3	30.0	-	-
OTHER REASONS	139	100.0	18	12.9	60	43.2	54	38.8	7	5.0

NOTE: Reports with unknown reasons for suicide attempts are not included in this table. Percentages do not add up to 100 because more than one reason may have been given. The category "suicide by friend/relative" includes suicide attempts.

TABLE 8-19.
REASONS GIVEN FOR SUICIDE ATTEMPTS BY INTENT OF ATTEMPTER, OREGON MINORS, 1995

REASONS	TOTAL		TRIED TO KILL THEMSELVES?							
			YES		NO		IDEATION		UNCERTAIN	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	662	100.0	147	22.2	181	27.3	19	2.9	315	47.6
FAMILY DISCORD	414	100.0	99	23.9	108	26.1	14	3.4	193	46.6
ARGUMENT WITH BOY/GIRLFRIEND	173	100.0	42	24.3	44	25.4	6	3.5	81	46.8
SCHOOL-RELATED PROBLEMS	147	100.0	40	27.2	43	29.3	3	2.0	61	41.5
RAPE OR SEXUAL ABUSE	59	100.0	19	32.2	6	10.2	4	6.8	30	50.8
PEER PRESSURE/CONFLICT	46	100.0	5	10.9	16	34.8	-	-	25	54.3
SUBSTANCE ABUSE	38	100.0	9	23.7	9	23.7	5	13.2	15	39.5
PROBLEMS WITH THE LAW	37	100.0	11	29.7	11	29.7	2	5.4	13	35.1
DEATH OF FAMILY MEMBER/FRIEND	37	100.0	9	24.3	8	21.6	2	5.4	18	48.6
MOVE OR NEW SCHOOL	36	100.0	12	33.3	12	33.3	1	2.8	11	30.6
PHYSICAL ABUSE	29	100.0	11	37.9	5	17.2	2	6.9	11	37.9
SUICIDE BY FRIEND/RELATIVE	16	100.0	4	25.0	5	31.3	-	-	7	43.8
PREGNANCY	10	100.0	2	20.0	4	40.0	1	10.0	3	30.0
OTHER REASONS	139	100.0	27	19.4	38	27.3	1	.7	73	52.5

NOTE: Reports with unknown reasons for suicide attempts are not included in this table. Percentages do not add up to 100 because more than one reason may have been given. The category "suicide by friend/relative" includes suicide attempts.

**TABLE A-1.
POPULATION DISTRIBUTION BY AGE AND SEX, OREGON, 1950, 1960, 1970, 1975-1995**

YEAR AND SEX	TOTAL	AGE GROUPS																	
		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
1950	1,521,341	163,915	131,596	108,140	96,738	105,070	117,706	116,800	117,361	105,575	93,228	86,118	77,843	68,230	54,455	37,095	34,979	*	6,492
M	772,776	83,614	67,244	55,528	47,652	51,469	57,940	57,930	59,391	54,452	48,574	44,802	40,426	36,027	28,498	19,085	17,143	*	3,001
F	748,565	80,301	64,352	52,612	49,086	53,601	59,766	58,870	57,970	51,123	44,654	41,316	37,417	32,203	25,957	18,010	17,836	*	3,491
1960	1,768,675	185,403	189,333	170,768	131,315	95,773	96,636	107,999	118,152	116,218	114,074	101,313	87,606	74,007	65,908	52,734	34,274	17,713	9,449
M	879,929	94,330	96,553	87,191	64,463	46,011	47,318	52,924	57,451	57,832	57,574	52,052	43,615	37,003	32,257	25,175	16,407	7,935	3,838
F	888,746	91,073	92,780	83,577	66,852	49,762	49,318	55,075	60,701	58,386	56,500	49,261	43,991	37,004	33,651	27,559	17,867	9,778	5,611
1970	2,091,385	164,060	194,345	211,284	203,362	162,638	138,978	115,599	107,832	117,950	124,395	118,996	110,739	94,408	75,601	60,321	44,263	27,900	18,714
M	1,023,952	83,836	99,274	107,664	100,952	75,549	68,827	57,764	52,738	57,790	60,407	58,563	54,576	45,809	35,886	26,956	18,946	11,249	7,166
F	1,067,433	80,224	95,071	103,620	102,410	87,089	70,151	57,835	55,094	60,160	63,988	60,433	56,163	48,599	39,715	33,365	25,317	16,651	11,548
1975	2,292,734	166,930	176,125	211,149	224,538	222,013	180,346	152,553	122,891	114,611	120,938	125,783	117,631	106,710	86,844	66,077	48,381	31,022	18,194
M	1,120,178	85,331	89,859	107,668	114,204	108,866	84,271	76,482	61,305	55,959	58,944	60,547	56,993	51,149	40,571	29,622	19,879	11,966	6,562
F	1,172,556	81,599	86,266	103,481	110,334	113,146	96,075	76,071	61,586	58,652	61,994	65,236	60,638	55,561	46,273	36,455	28,502	19,056	11,632
1976	2,341,750	172,424	175,344	209,303	226,690	229,608	190,936	160,657	128,823	116,345	120,577	126,254	119,290	108,763	89,328	67,880	49,383	31,706	18,439
M	1,143,803	88,143	89,456	106,720	115,506	113,285	89,543	79,900	64,416	56,927	58,761	60,694	57,565	51,978	41,610	30,365	20,234	12,124	6,576
F	1,197,947	84,281	85,888	102,583	111,184	116,323	101,393	80,757	64,407	59,418	61,816	65,560	61,725	56,785	47,718	37,515	29,149	19,582	11,863
1977	2,396,100	179,795	175,649	206,981	228,350	236,061	202,618	169,247	135,742	119,006	120,417	126,533	121,162	110,794	91,997	69,983	50,500	32,445	18,820
M	1,170,016	91,918	89,616	105,526	116,468	117,110	95,706	83,323	67,909	58,406	58,661	60,810	58,223	52,781	42,734	31,216	20,669	12,298	6,642
F	1,226,084	87,877	86,033	101,455	111,882	118,951	106,912	85,924	67,833	60,600	61,756	65,723	62,939	58,013	49,263	38,767	29,831	20,147	12,178
1978	2,472,000	191,405	179,233	206,478	231,143	241,353	217,906	182,004	145,922	124,002	120,688	126,506	123,112	112,545	94,626	71,986	51,100	32,763	19,227
M	1,207,195	97,767	91,305	105,112	117,886	120,554	103,730	88,303	72,747	61,020	58,722	60,815	58,979	53,507	44,054	32,229	21,178	12,437	6,848
F	1,264,805	93,638	87,928	101,366	113,257	120,799	114,176	93,701	73,175	62,982	61,966	65,691	64,133	59,038	50,572	39,757	29,922	20,326	12,399
1979	2,544,000	204,020	181,640	202,110	231,490	247,390	233,900	192,190	155,310	129,100	121,090	126,300	125,540	114,600	97,810	74,920	52,920	33,700	19,970
M	1,241,920	104,170	92,600	102,900	117,910	124,010	113,070	92,090	77,590	63,850	58,890	60,800	59,910	54,180	45,280	33,200	21,880	12,590	7,000
F	1,302,080	99,850	89,040	99,210	113,580	123,380	120,830	100,100	77,720	65,250	62,200	65,500	65,630	60,420	52,530	41,720	31,040	21,110	12,970
1980	2,632,663	197,951	189,293	202,546	225,814	237,788	253,472	227,565	170,694	133,101	119,249	124,344	129,886	117,676	105,165	79,367	55,327	34,994	28,431
M	1,296,355	101,815	96,965	103,594	114,690	117,800	126,867	115,071	86,047	67,073	58,948	60,356	62,001	56,031	49,287	35,404	22,747	12,802	8,857
F	1,336,308	96,136	92,328	98,952	111,124	119,988	126,605	112,494	84,647	66,028	60,301	63,988	67,885	61,645	55,878	43,963	32,580	22,192	19,574
1981	2,660,435	203,594	184,616	203,543	217,750	234,053	252,725	241,926	179,636	140,523	118,937	122,571	128,335	119,708	107,390	83,548	56,478	36,576	28,526
M	1,310,480	104,334	94,477	104,341	111,275	115,874	126,043	122,079	90,690	70,811	59,188	59,493	61,398	56,675	50,396	37,441	23,405	13,444	9,116
F	1,349,955	99,260	90,139	99,202	106,475	118,179	126,682	119,847	88,946	69,712	59,749	63,078	66,937	63,033	56,994	46,107	33,073	23,132	19,410
1982	2,656,185	205,442	184,989	200,663	214,621	225,266	245,516	240,579	191,815	145,302	119,328	118,393	124,286	121,205	108,828	87,242	122,710	*	*
M	1,308,018	104,536	94,896	102,787	110,004	112,537	121,444	121,229	96,778	73,205	59,541	57,526	59,397	57,238	50,920	39,287	46,693	*	*
F	1,348,167	100,906	90,093	97,876	104,617	112,729	124,072	119,350	95,037	72,097	59,787	60,867	64,889	63,967	57,908	47,955	76,017	*	*
1983	2,634,993	200,502	185,101	195,306	208,383	221,102	233,950	236,452	197,788	150,869	119,798	113,707	119,496	121,107	110,442	90,061	130,929	*	*
M	1,292,711	102,231	95,121	99,869	106,267	110,629	115,627	118,621	99,538	75,798	59,704	55,279	57,032	56,925	51,386	40,321	48,363	*	*
F	1,342,282	98,271	89,980	95,437	102,116	110,473	118,323	117,831	98,250	75,071	60,094	58,428	62,464	64,182	59,056	49,740	82,566	*	*

* Included with ages 75-79.

SOURCE: 1950, 1960, 1970, 1980, and 1990 are U.S. Census. All others are estimates provided by Center for Population Research and Census, Portland State University.

**TABLE A-1.
POPULATION DISTRIBUTION BY AGE AND SEX, OREGON, 1950, 1960, 1970, 1975-1995 (CONTINUED)**

YEAR AND SEX	TOTAL	AGE GROUPS															
		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+
1984	2,660,000	201,561	189,002	189,940	203,518	224,882	227,497	240,883	208,395	159,323	124,516	113,420	118,076	118,774	111,029	93,393	135,791
M	1,307,023	102,591	97,255	97,250	103,737	113,484	112,302	120,975	105,194	80,218	62,374	55,513	56,574	55,671	51,445	41,826	50,614
F	1,352,977	98,970	91,747	92,690	99,781	111,398	115,195	119,908	103,201	79,105	62,142	57,907	61,502	63,103	59,584	51,567	85,177
1985	2,675,800	198,995	195,271	184,845	197,808	215,641	227,827	243,741	222,457	165,140	128,521	112,530	115,551	118,327	113,657	93,372	142,117
M	1,313,949	101,338	100,344	94,619	101,111	109,413	112,518	121,577	112,168	83,090	64,509	55,332	55,429	55,393	52,316	41,694	53,098
F	1,361,851	97,657	94,927	90,226	96,697	106,228	115,309	122,164	110,289	82,050	64,012	57,198	60,122	62,934	61,341	51,678	89,019
1986	2,659,500	192,981	198,234	178,510	201,362	218,875	215,376	230,757	226,179	170,171	132,244	110,782	112,555	115,440	113,886	94,884	147,262
M	1,306,352	99,387	101,905	91,311	103,035	111,407	106,184	114,740	113,865	85,721	66,366	54,767	53,979	54,110	52,262	42,354	54,957
F	1,353,148	93,594	96,329	87,199	98,327	107,468	109,192	116,017	112,314	84,450	65,878	56,015	58,576	61,330	61,624	52,530	92,305
1987	2,690,000	192,835	200,887	177,142	192,540	202,447	221,131	240,492	233,108	185,303	139,735	113,692	111,266	114,319	116,900	94,415	153,788
M	1,319,182	98,346	102,721	90,813	99,308	103,541	109,192	119,268	117,116	93,245	70,128	56,357	53,421	53,559	53,493	42,000	57,446
F	1,370,818	94,489	98,166	86,329	94,004	98,906	111,939	121,224	115,992	92,058	69,607	57,335	57,845	60,760	63,407	52,415	96,342
1988	2,741,000	192,567	203,622	185,233	196,610	199,752	222,959	240,352	238,871	196,152	148,261	117,137	110,863	114,273	118,350	97,002	158,996
M	1,343,473	98,209	103,999	95,157	100,306	102,116	111,083	118,915	119,769	98,570	74,365	58,090	53,296	53,527	53,905	42,965	59,201
F	1,397,527	94,358	99,623	90,076	96,304	97,636	111,876	121,437	119,102	97,582	73,896	59,047	57,567	60,746	64,445	54,037	99,795
1989	2,791,000	194,864	206,097	192,051	199,548	212,810	221,058	224,961	240,001	207,799	159,320	123,433	111,762	114,482	118,882	97,182	166,640
M	1,368,413	99,771	105,433	98,800	102,148	108,752	110,752	110,804	119,729	104,551	79,911	61,375	54,128	53,711	53,943	42,776	61,829
F	1,422,587	95,093	100,664	93,251	97,400	104,058	110,306	114,157	120,272	103,248	79,409	62,058	57,744	60,771	64,939	54,406	104,811
1990	2,847,000	203,678	205,765	199,955	190,781	199,581	221,902	233,898	249,986	223,597	166,333	128,276	112,111	112,679	120,405	99,641	178,413
M	1,396,242	104,769	106,052	102,738	97,540	101,520	112,129	115,287	124,674	112,602	83,400	63,928	54,393	52,976	54,892	43,473	65,870
F	1,450,758	98,909	99,713	97,217	93,241	98,061	109,773	118,611	125,312	110,995	82,933	64,348	57,718	59,703	65,513	56,168	112,543
1991	2,930,000	213,789	216,325	213,018	191,353	197,708	208,392	242,260	256,348	241,789	173,728	136,221	115,980	119,464	122,668	104,389	176,568
M	1,440,221	109,314	111,143	109,057	98,310	100,273	105,635	120,453	127,437	121,245	87,254	67,836	56,314	56,341	56,351	46,435	66,823
F	1,489,779	104,475	105,182	103,961	93,043	97,435	102,757	121,807	128,911	120,544	86,474	68,385	59,666	63,123	66,317	57,954	109,745
1992	2,979,000	217,940	217,090	214,983	195,858	203,918	205,434	239,514	258,908	244,961	194,079	144,574	118,598	116,262	121,730	108,014	177,137
M	1,466,610	112,089	111,233	110,140	100,794	103,741	104,300	119,323	128,677	122,474	97,351	72,091	57,903	54,932	55,914	48,097	67,551
F	1,512,390	105,851	105,857	104,843	95,064	100,177	101,134	120,191	130,231	122,487	96,728	72,483	60,695	61,330	65,816	59,917	109,586
1993	3,038,000	224,939	216,116	218,756	203,348	209,199	204,576	238,809	260,400	251,059	205,319	152,790	120,968	115,116	121,313	111,552	183,740
M	1,495,551	115,151	110,546	112,259	104,204	106,918	104,012	119,252	129,191	125,233	102,879	76,383	59,035	54,266	55,988	49,604	70,630
F	1,542,449	109,788	105,570	106,497	99,144	102,281	100,564	119,557	131,209	125,826	102,440	76,407	61,933	60,850	65,325	61,948	113,110
1994	3,082,000	228,650	218,658	222,394	209,032	214,579	203,053	233,132	257,033	256,634	216,758	160,859	124,151	112,391	120,767	113,874	190,035
M	1,516,836	117,546	111,748	114,132	106,906	109,861	102,570	116,584	127,635	127,477	108,569	80,459	60,835	53,182	56,075	50,587	72,668
F	1,565,164	111,104	106,910	108,262	102,126	104,718	100,481	116,548	129,398	129,157	108,189	80,400	63,316	59,209	64,692	63,287	117,367
1995	3,132,000	231,584	225,513	222,660	213,595	208,322	199,568	232,116	258,273	264,101	232,380	170,663	129,959	113,424	121,428	113,812	194,602
M	1,543,133	118,939	115,314	114,532	109,361	106,964	101,281	116,723	128,027	130,894	116,149	85,147	64,015	53,857	56,309	50,528	75,093
F	1,588,867	112,645	110,199	108,128	104,234	101,358	98,287	115,393	130,246	133,207	116,231	85,516	65,944	59,567	65,119	63,284	119,509

SOURCE: 1950, 1960, 1970, 1980, and 1990 are U.S. Census. All others are estimates provided by Center for Population Research and Census, Portland State University.

TABLE A-2.
POPULATION ESTIMATES FOR OREGON AND ITS COUNTIES BY AGE AND SEX: JULY 1, 1995

COUNTY	BOTH SEXES																		ALL AGES
	0-4	5-9	10-14	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80 +	
TOTAL	231,584	225,513	222,660	128,606	84,989	208,322	199,568	232,116	258,273	264,101	232,380	170,663	129,959	113,424	121,428	113,812	87,192	107,410	3,132,000
BAKER	1,031	1,155	1,290	788	461	978	703	1,003	1,240	1,276	1,010	924	829	806	820	746	620	820	16,500
BENTON	4,336	4,741	4,760	2,706	4,659	10,393	6,424	5,253	5,706	5,926	4,849	3,440	2,529	2,179	2,172	2,043	1,544	1,840	75,500
CLACKAMAS	22,460	22,118	23,004	13,877	8,643	20,118	16,894	20,390	25,059	27,124	26,243	20,145	14,299	11,353	10,788	9,683	7,388	9,014	308,600
CLATSOP	2,266	2,509	2,565	1,510	950	2,237	1,876	2,236	2,614	2,817	2,444	1,799	1,509	1,349	1,557	1,504	1,145	1,413	34,300
COLUMBIA	2,660	3,059	3,092	2,022	1,316	2,722	1,903	2,423	3,048	3,237	3,160	2,445	1,853	1,507	1,573	1,400	1,076	1,204	39,700
COOS	3,744	4,159	4,540	2,660	1,766	3,818	3,009	3,876	4,514	4,714	4,300	3,509	3,115	2,912	3,319	3,124	2,309	2,712	62,100
CROOK	1,199	1,191	1,189	692	436	1,052	866	1,002	1,144	1,170	1,090	802	704	645	758	678	519	563	15,700
CURRY	1,246	1,347	1,291	753	496	1,067	899	1,329	1,485	1,678	1,508	1,204	1,091	1,141	1,782	1,688	1,098	1,097	22,200
DESCHUTES	7,180	6,541	6,571	3,955	2,196	5,779	5,259	6,842	8,332	8,797	7,481	5,290	4,030	3,523	3,787	3,488	2,491	2,558	94,100
DOUGLAS	6,123	6,970	7,154	4,425	2,895	6,636	4,794	5,907	6,980	7,360	6,779	5,335	4,564	4,438	5,369	4,667	3,412	3,892	97,700
GILLIAM	84	113	160	96	53	93	52	98	151	127	114	76	90	89	112	106	55	81	1,750
GRANT	509	564	626	390	226	520	317	485	602	664	577	460	416	362	354	283	269	326	7,950
HARNEY	435	554	568	327	239	449	288	428	538	546	470	415	384	325	337	288	205	254	7,050
HOOD RIVER	1,626	1,449	1,369	793	533	1,182	1,019	1,362	1,656	1,539	1,266	964	786	680	664	618	537	657	18,700
JACKSON	11,621	11,454	11,577	6,889	4,164	10,639	9,629	10,624	11,994	13,228	12,269	9,363	7,132	6,528	7,761	7,289	5,591	6,648	164,400
JEFFERSON	1,520	1,565	1,322	668	434	1,002	974	1,246	1,143	1,074	949	702	652	572	747	635	430	465	16,100
JOSEPHINE	4,896	4,822	4,923	2,966	1,755	4,212	3,337	4,101	4,905	5,151	5,132	4,210	3,281	3,192	3,844	3,986	2,973	3,414	71,100
KLAMATH	4,617	4,514	4,493	2,661	1,776	4,433	3,948	4,049	4,408	4,685	4,382	3,271	2,720	2,656	2,742	2,532	1,726	1,987	61,600
LAKE	516	590	565	393	225	458	310	442	596	591	522	409	411	342	396	297	238	249	7,550
LANE	19,221	20,324	20,765	12,069	10,155	24,159	21,089	21,608	23,391	25,633	22,527	16,225	12,240	10,443	11,972	11,287	8,575	10,217	301,900
LINCOLN	2,601	2,705	2,945	1,692	995	2,137	1,810	2,407	3,080	3,568	3,040	2,238	1,878	1,986	2,621	2,633	1,720	1,744	41,800
LINN	6,799	7,154	7,296	4,163	2,715	6,643	5,936	6,946	7,476	7,536	6,846	5,527	4,398	3,765	4,183	3,981	3,094	3,642	98,100
MALHEUR	2,688	2,349	2,344	1,347	922	2,193	1,479	1,693	1,768	1,804	1,667	1,370	1,198	1,166	1,177	1,060	893	1,082	28,200
MARION	22,096	19,165	18,834	10,605	6,527	16,968	17,604	20,087	20,970	20,260	17,668	13,194	10,156	8,948	9,346	8,961	7,132	9,479	258,000
MORROW	753	673	735	420	277	610	432	543	701	701	570	433	399	372	352	242	217	270	8,700
MULTNOMAH	47,519	45,328	40,627	22,254	13,686	36,378	46,594	55,018	59,039	57,983	47,728	32,284	23,782	20,611	20,171	20,067	15,809	21,622	626,500
POLK	3,596	3,817	4,084	2,507	1,493	4,100	4,260	3,397	3,851	4,280	3,864	2,818	2,201	2,051	2,582	2,355	1,845	2,259	55,400
SHERMAN	95	144	142	83	66	114	46	105	159	141	143	82	88	96	139	117	75	65	1,900
TILLAMOOK	1,469	1,519	1,617	1,044	572	1,281	968	1,375	1,662	1,800	1,553	1,231	1,073	1,191	1,507	1,410	988	1,040	23,300
UMATILLA	5,399	4,924	4,995	2,852	1,816	4,632	4,294	4,884	5,054	4,954	4,307	3,248	2,755	2,346	2,461	2,329	1,778	2,172	65,200
UNION	1,548	1,707	1,868	1,159	811	1,919	1,695	1,427	1,728	1,955	1,745	1,311	1,041	961	944	825	762	994	24,400
WALLOWA	387	507	580	373	209	417	275	418	528	659	469	413	349	351	366	341	266	342	7,250
WASCO	1,499	1,616	1,688	1,035	706	1,451	995	1,338	1,628	1,767	1,639	1,250	1,033	914	1,042	1,036	836	1,127	22,600
WASHINGTON	32,211	28,394	26,909	14,832	8,761	21,986	24,489	32,440	35,044	33,274	28,868	20,298	14,052	11,026	10,962	9,603	7,405	9,446	370,000
WHEELER	79	94	102	68	34	95	57	84	85	112	110	104	96	96	109	97	61	67	1,550
YAMHILL	5,555	5,678	6,070	3,532	2,021	5,451	5,044	5,250	5,994	5,970	5,091	3,874	2,825	2,502	2,612	2,413	2,110	2,608	74,600

SOURCE: Center for Population Research and Census, Portland State University.

Population

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**TABLE A-2.
POPULATION ESTIMATES FOR OREGON AND ITS COUNTIES BY AGE AND SEX: JULY 1, 1995 (CONTINUED)**

COUNTY	MALE																		ALL AGES
	0-4	5-9	10-14	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80 +	
TOTAL	118,939	115,314	114,532	65,927	43,434	106,964	101,281	116,723	128,027	130,894	116,149	85,147	64,015	53,857	56,309	50,528	36,861	38,232	1,543,133
BAKER	531	576	668	430	258	510	376	518	607	662	490	470	426	372	402	334	285	306	8,221
BENTON	2,226	2,480	2,478	1,376	2,403	5,477	3,534	2,830	2,807	2,895	2,467	1,689	1,231	1,039	998	906	670	625	38,131
CLACKAMAS	11,545	11,246	11,862	7,121	4,445	10,440	8,574	10,020	12,139	13,183	12,832	10,181	7,142	5,528	5,072	4,318	3,138	3,196	151,982
CLATSOP	1,165	1,315	1,369	818	487	1,110	984	1,163	1,295	1,385	1,262	916	740	640	710	672	474	510	17,015
COLUMBIA	1,369	1,557	1,614	1,038	689	1,388	958	1,203	1,486	1,595	1,595	1,279	962	755	746	639	472	466	19,811
COOS	1,923	2,192	2,340	1,368	893	1,970	1,533	1,907	2,210	2,289	2,144	1,753	1,493	1,414	1,570	1,478	1,065	1,034	30,576
CROOK	617	612	630	356	248	566	430	491	576	574	563	411	366	283	373	311	223	228	7,858
CURRY	641	686	670	357	253	534	436	679	713	874	732	572	529	525	867	829	521	475	10,893
DESCHUTES	3,699	3,393	3,429	2,010	1,161	3,145	2,687	3,305	4,011	4,359	3,818	2,562	1,995	1,686	1,818	1,607	1,159	1,026	46,870
DOUGLAS	3,146	3,604	3,632	2,283	1,484	3,496	2,372	2,852	3,430	3,634	3,384	2,665	2,255	2,106	2,580	2,193	1,538	1,544	48,198
GILLIAM	43	51	93	50	25	51	27	51	68	67	59	33	42	45	50	58	24	31	868
GRANT	262	280	319	209	121	250	171	241	288	346	297	243	200	188	171	140	120	136	3,982
HARNEY	224	289	303	162	113	223	141	222	258	287	236	210	199	163	162	133	97	108	3,530
HOOD RIVER	837	744	665	393	263	665	551	738	870	836	667	502	396	325	310	281	236	246	9,525
JACKSON	5,971	5,778	5,951	3,485	2,182	5,338	4,844	5,240	5,771	6,351	6,136	4,626	3,488	3,171	3,659	3,361	2,501	2,525	80,378
JEFFERSON	779	778	671	334	230	526	510	639	574	550	493	359	305	260	347	319	203	196	8,073
JOSEPHINE	2,518	2,489	2,568	1,539	923	2,215	1,647	1,975	2,384	2,430	2,501	2,057	1,553	1,507	1,809	1,805	1,341	1,336	34,597
KLAMATH	2,372	2,273	2,323	1,423	923	2,380	2,154	2,040	2,176	2,271	2,239	1,673	1,385	1,254	1,312	1,194	784	761	30,937
LAKE	265	285	302	201	113	235	148	226	289	302	266	212	215	153	193	155	107	104	3,771
LANE	9,870	10,361	10,544	6,205	4,966	12,066	10,655	10,776	11,350	12,388	11,234	7,994	6,090	4,893	5,524	4,938	3,614	3,692	147,160
LINCOLN	1,336	1,378	1,503	840	506	1,072	891	1,154	1,487	1,757	1,510	1,064	878	882	1,202	1,205	771	664	20,100
LINN	3,490	3,619	3,791	2,147	1,410	3,393	3,021	3,436	3,714	3,763	3,377	2,765	2,147	1,808	1,952	1,772	1,319	1,372	48,296
MALHEUR	1,381	1,162	1,195	693	472	1,170	750	859	902	824	824	673	584	537	546	483	404	400	13,859
MARION	11,357	9,866	9,691	5,425	3,315	8,944	9,327	10,745	10,906	10,332	8,989	6,514	4,948	4,194	4,182	3,882	2,918	3,267	128,802
MORROW	389	332	377	230	160	314	224	272	364	352	306	217	199	172	184	106	104	105	4,407
MULTNOMAH	24,349	23,205	20,744	11,334	6,939	18,143	23,046	27,755	29,667	29,406	24,128	16,163	11,611	9,664	9,075	8,300	6,002	6,661	306,192
POLK	1,847	1,965	2,131	1,303	749	2,046	2,073	1,659	1,844	2,073	1,922	1,375	1,067	956	1,206	1,006	792	836	26,850
SHERMAN	48	69	77	40	41	63	24	56	82	69	71	44	39	44	71	57	37	26	958
TILLAMOOK	754	795	840	544	285	677	500	700	826	910	773	632	479	530	715	674	428	395	11,457
UMATILLA	2,774	2,531	2,598	1,452	976	2,461	2,413	2,677	2,645	2,493	2,191	1,625	1,369	1,110	1,126	1,035	775	797	33,048
UNION	795	886	985	603	427	937	879	690	794	992	876	648	519	466	452	389	314	373	12,025
WALLOWA	200	239	291	194	116	209	140	210	254	351	245	206	184	171	165	170	121	131	3,597
WASCO	771	803	854	537	386	744	499	629	777	886	793	622	549	409	449	487	356	419	10,970
WASHINGTON	16,551	14,537	13,838	7,612	4,428	11,329	12,082	16,048	17,337	16,315	14,041	10,133	6,923	5,344	5,038	4,169	3,007	3,224	181,956
WHEELER	40	45	52	32	15	56	27	41	34	53	53	54	45	50	56	43	37	30	763
YAMHILL	2,854	2,893	3,134	1,783	1,029	2,821	2,653	2,676	3,092	3,040	2,635	2,005	1,462	1,213	1,217	1,079	904	987	37,477

SOURCE: Center for Population Research and Census, Portland State University.

**TABLE A-2.
POPULATION ESTIMATES FOR OREGON AND ITS COUNTIES BY AGE AND SEX: JULY 1, 1995 (CONTINUED)**

COUNTY	FEMALE																		ALL AGES
	0-4	5-9	10-14	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80 +	
TOTAL	112,645	110,199	108,128	62,679	41,555	101,358	98,287	115,393	130,246	133,207	116,231	85,516	65,944	59,567	65,119	63,284	50,331	69,178	1,588,867
BAKER	500	579	622	358	203	468	327	485	633	614	520	454	403	434	418	412	335	514	8,279
BENTON	2,110	2,261	2,282	1,330	2,256	4,916	2,890	2,423	2,899	3,031	2,382	1,751	1,298	1,140	1,174	1,137	874	1,215	37,369
CLACKAMAS	10,915	10,872	11,142	6,756	4,198	9,678	8,320	10,370	12,920	13,941	13,411	9,964	7,157	5,825	5,716	5,365	4,250	5,818	156,618
CLATSOP	1,101	1,194	1,196	692	463	1,127	892	1,073	1,319	1,432	1,182	883	769	709	847	832	671	903	17,285
COLUMBIA	1,291	1,502	1,478	984	627	1,334	945	1,220	1,562	1,642	1,565	1,166	891	752	827	761	604	738	19,889
COOS	1,821	1,967	2,200	1,292	873	1,848	1,476	1,969	2,304	2,425	2,156	1,756	1,622	1,498	1,749	1,646	1,244	1,678	31,524
CROOK	582	579	559	336	188	486	436	511	568	596	527	391	338	362	385	367	296	335	7,842
CURRY	605	661	621	396	243	533	463	650	772	804	776	632	562	616	915	859	577	622	11,307
DESCHUTES	3,481	3,148	3,142	1,945	1,035	2,634	2,572	3,537	4,321	4,438	3,663	2,728	2,035	1,837	1,969	1,881	1,332	1,532	47,230
DOUGLAS	2,977	3,366	3,522	2,142	1,411	3,140	2,422	3,055	3,550	3,726	3,395	2,670	2,309	2,332	2,789	2,474	1,874	2,348	49,502
GILLIAM	41	62	67	46	28	42	25	47	83	60	55	43	48	44	62	48	31	50	882
GRANT	247	284	307	181	105	270	146	244	314	318	280	217	216	174	183	143	149	190	3,968
HARNEY	211	265	265	165	126	226	147	206	280	259	234	205	185	162	175	155	108	146	3,520
HOOD RIVER	789	705	704	400	270	517	468	624	786	703	599	462	390	355	354	337	301	411	9,175
JACKSON	5,650	5,676	5,626	3,404	1,982	5,301	4,785	5,384	6,223	6,877	6,133	4,737	3,644	3,357	4,102	3,928	3,090	4,123	84,022
JEFFERSON	741	787	651	334	204	476	464	607	569	524	456	343	347	312	400	316	227	269	8,027
JOSEPHINE	2,378	2,333	2,355	1,427	832	1,997	1,690	2,126	2,521	2,721	2,631	2,153	1,728	1,685	2,035	2,181	1,632	2,078	36,503
KLAMATH	2,245	2,241	2,170	1,238	853	2,053	1,794	2,009	2,232	2,414	2,143	1,598	1,335	1,402	1,430	1,338	942	1,226	30,663
LAKE	251	305	263	192	112	223	162	216	307	289	256	197	196	189	203	142	131	145	3,779
LANE	9,351	9,963	10,221	5,864	5,189	12,093	10,434	10,832	12,041	13,245	11,293	8,231	6,150	5,550	6,448	6,349	4,961	6,525	154,740
LINCOLN	1,265	1,327	1,442	852	489	1,065	919	1,253	1,593	1,811	1,530	1,174	1,000	1,104	1,419	1,428	949	1,080	21,700
LINN	3,309	3,535	3,505	2,016	1,305	3,250	2,915	3,510	3,762	3,773	3,469	2,762	2,251	1,957	2,231	2,209	1,775	2,270	49,804
MALHEUR	1,307	1,187	1,149	654	450	1,023	729	834	866	980	843	697	614	629	631	577	489	682	14,341
MARION	10,739	9,299	9,143	5,180	3,212	8,024	8,277	9,342	10,064	9,928	8,679	6,680	5,208	4,754	5,164	5,079	4,214	6,212	129,198
MORROW	364	341	358	190	117	296	208	271	337	349	264	216	200	200	168	136	113	165	4,293
MULTNOMAH	23,170	22,123	19,883	10,920	6,747	18,235	23,548	27,263	29,372	28,577	23,600	16,121	12,171	10,947	11,096	11,767	9,807	14,961	320,308
POLK	1,749	1,852	1,953	1,204	744	2,054	2,187	1,738	2,007	2,207	1,942	1,443	1,134	1,095	1,376	1,349	1,053	1,463	28,550
SHERMAN	47	75	65	43	25	51	22	49	77	72	72	38	49	52	68	60	38	39	942
TILLAMOOK	715	724	777	500	287	604	468	675	836	890	780	599	594	661	792	736	560	645	11,843
UMATILLA	2,625	2,393	2,397	1,400	840	2,171	1,881	2,207	2,409	2,461	2,116	1,623	1,386	1,236	1,335	1,294	1,003	1,375	32,152
UNION	753	821	883	556	384	982	816	737	934	963	869	663	522	495	492	436	448	621	12,375
WALLOWA	187	268	289	179	93	208	135	208	274	308	224	207	165	180	201	171	145	211	3,653
WASCO	728	813	834	498	320	707	496	709	851	881	846	628	484	505	593	549	480	708	11,630
WASHINGTON	15,660	13,857	13,071	7,220	4,333	10,657	12,407	16,392	17,707	16,959	14,827	10,165	7,129	5,682	5,924	5,434	4,398	6,222	188,044
WHEELER	39	49	50	36	19	39	30	43	51	59	57	50	51	46	53	54	24	37	787
YAMHILL	2,701	2,785	2,936	1,749	992	2,630	2,391	2,574	2,902	2,930	2,456	1,869	1,363	1,289	1,395	1,334	1,206	1,621	37,123

SOURCE: Center for Population Research and Census, Portland State University.

Population

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TABLE A-3.
POPULATION PROJECTION FOR OREGON, 1995-2025

Numbers in Thousands

Year	Sex	Total	Age 0-4	Age 5-17	Age 18-24	Age 25-64	Age 65+
1995	Total	3,141	210	587	281	1,637	426
	Female	1,591	102	286	137	821	245
	Male	1,550	108	301	144	816	671
2000	Total	3,397	211	599	318	1,798	471
	Female	1,723	103	292	156	903	269
	Male	1,674	108	307	162	895	202
2005	Total	3,613	219	602	331	1,939	522
	Female	1,833	107	293	163	975	295
	Male	1,780	112	309	168	964	227
2015	Total	3,992	238	613	334	2,066	741
	Female	2,024	116	298	166	1,042	402
	Male	1,968	122	315	218	1,024	339
2025	Total	4,349	246	661	334	2,054	1054
	Female	2,202	120	322	165	1,039	556
	Male	2,147	126	339	169	1,015	498

SOURCE: "Population Projections for States by Age, Sex, Race, Hispanic Origin: 1995 to 2025", Listing #47.
As of Jan. 23, 1997, <http://www.census.gov/population/www/projections/stproj.html>

Appendix B: Technical Notes – Definitions

BIRTHS

Apgar Score is a numerical expression of the condition of a newborn shortly after birth. It is the sum of points accumulated upon assessment of the heart rate, respiratory effort, muscle tone, reflex irritability, and color. The highest possible score is ten. A low Apgar score (seven or less) measured five minutes after birth indicates the infant is at increased risk of morbidity and mortality.

Births to Unmarried Mothers Ratio is the number of births to unmarried mothers per 1,000 live births. Ratios differ from rates.

Crude Birth Rate is the number of live births per 1,000 total population.

Live Birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such a separation, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered live born.¹

Low Birthweight Infant is a live born infant with a birthweight less than 5 pounds, 8 ounces (2,500 grams) as reported on the birth certificate.

DEATHS

Crude Death Rate is the number of deaths per 1,000 or 100,000 total population.

Fetal Death is death prior to the complete expulsion or extraction from its mother of a product of conception of at least 20 weeks gestation, except where such expulsion results from a therapeutic abortion; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

Fetal Death Ratio is the number of fetal deaths per 1,000 live births. Ratios differ from rates.

Infant Death is the death of a child prior to its first birthday.

Infant Death Rate is the number of infant deaths per 1,000 live births.

Maternal Death Rate is the number of female deaths attributed to childbirth or to complications of pregnancy or the puerperium, per 100,000 live births.

Neonatal Death is the death of a child within the first 27 days of life.

Neonatal Death Rate is the number of neonatal deaths per 1,000 live births.

Postneonatal Death is the death of a child after 27 days of life and before its first birthday.

Postneonatal Death Rate is the number of postneonatal deaths per 1,000 live births.

Perinatal Death is the death of a fetus after 20 weeks gestation or the death of a live-born infant prior to the 28th day of life. Other medical literature may include different time periods.

Perinatal Death Ratio is the number of perinatal deaths per 1,000 total live births. Ratios differ from rates.

MEDICAL PERSONNEL — ABBREVIATIONS USED IN TABLES

C.N.M. – certified nurse midwife.

D.C. – doctor of chiropractic medicine.

D.O. – doctor of osteopathic medicine.

L.D.E.M. – licensed direct entry midwife.

M.D. – medical doctor.

N.D. – naturopathic doctor.

R.N. – registered nurse.

1 *Vital Statistics of the United States*, 1982, vol. 1, section 4, page 1. U.S. Department of Health and Human Services, Public Health Service, National Center for Health Statistics, Maryland, 1986.

Technical Notes — Methodology

MORTALITY

Beginning in 1993, the underlying cause of death was determined by using Super MICAR, software distributed by the National Center for Health Statistics. In the past, the underlying cause of death was determined by a nosologist using information provided on death certificates by physicians. Super MICAR applies a set of algorithms to all the causes listed on a death certificate to arrive at the underlying cause of death. Because the error rate for Super MICAR is unacceptably high for deaths due to external causes (e.g. unintentional injuries and suicide), these death certificates are still manually coded by a nosologist. Additional edits have been added to the processing system to reduce the error rate for deaths due to natural causes. The end result is that the underlying cause of death coding is largely comparable to previous years.

This software is being used because the number of deaths among Oregonians increased by over 18 percent between 1985 and 1995 but was not accompanied by an increase in staff. Consequently, data availability became increasingly untimely during recent years. Instituting the Super MICAR system should ultimately result in more timely data.

An advantage of the Super Micar system is that all causes recorded on the death certificate are now inputted into the data file. We will be able to report, for example, not only the number of Oregonians who died from Alzheimer's Disease but the number of Oregonians who had the disease at the time of their death (provided it was mentioned on the certificate).

Except for Table 6-42, the death rates in this report are not age-adjusted. (However, age- and sex-specific death rates are presented in addition to crude death rates.) Age-adjusted death rates permit the comparison of populations with disparate age structures as if the populations had similar distributions.

The number of Oregonians whose deaths were linked to tobacco use are presented in the mortality section. However, the number is artificially low. This is because the role of tobacco, if any, is not routinely noted on the death certificates of Oregonians who died out-of-state. (The footnotes in the tables describe the question on the Oregon death certificate regarding tobacco use.) The potential for undercount is greatest for Oregon residents who live in counties bordering other states. A more detailed discussion can be found in *Tobacco and Oregon: A Legacy of Illness and Death*, published in 1992.

ADOLESCENT SUICIDE

Data in the adolescent suicide attempt section were compiled from teen suicide attempt reports and death certificates filed with the Oregon Health Division's Center for Health Statistics. Attempt rates are age-specific and are expressed per 100,000 of the population at risk per year. The Center for Population Research and Census was the source of the population data. References to teenagers include persons 10-19 year-olds. References to adolescents and minors include only Oregonians 17 or younger. Methods of attempt are classified according to the International Classification of Diseases (ICD). The name of the attempter is not recorded on attempts reported to the Health Division.

Several problems are apparent with the data. The first is that the total number of attempts reported is low. Because Oregon is the only state to require that adolescent suicide attempts be reported, when Oregon adolescents attempt suicide in another state, the event is not reported. More significantly, although required by law, the data suggest that not all hospitals are fully cooperating with the program. It is uncertain whether reporting hospitals are using the same criteria in determining whether the patient attempted suicide. Finally, a few data items are poorly reported.

Technical Notes — Step-by-Step Instructions

Data users are diverse, including public health officials evaluating a program by using death data, demographers projecting school enrollments with birth data, and business people deciding to open a formal-wear shop based on marriage data. Many of these users have a thorough knowledge of statistics. But others find the entire subject-matter confusing and intimidating. For either group, a misunderstanding of what vital statistics mean can lead to wrong conclusions. Therefore, this section is included to provide an overview of how to use vital statistics. It is addressed to the person looking at vital events for the first time, but the experienced user may also find a review helpful.

STEP 1: FINDING THE CORRECT NUMBER

DEATHS
INFANT DEATHS
NEONATAL DEATHS
POSTNEONATAL DEATHS
FETAL DEATHS
LOW BIRTH WEIGHT
INFANTS
PREGNANCIES
INDUCED ABORTIONS
MARRIAGES
ANNULMENTS
DIVORCES

The first step is to determine how many of a particular vital event took place during the year. This involves asking two questions: *Which event or events are appropriate?*

This may not be as simple as it sounds. For one thing, examining more than one type of event may be required. For example, someone concerned with teenage pregnancies will have to consider the number of induced

abortions as well as the number of births which occur among teens. Taken together, they provide a useful measure of the number of pregnancies.¹

Deciding which events to use is important since sometimes the choice of one event over another can lead to easily different conclusions. To determine which events are appropriate, read the “Technical Notes: Definitions” section. The narratives also contain useful examples.

Who should be counted?

If you are a hospital planner who is deciding to expand or contract delivery services, you want to count the number of births which *occurred* in your area, regardless of where the parents live. If you are projecting school enrollment, you want to count only how many children will potentially be *residing* in your area. Fortunately, vital events are usually reported so that both of these data needs can be met.

Occurrence data: The event (the death, birth, marriage, etc.) actually took place in the geographic region indicated (either Oregon or a particular county). The person participating in the event may have lived in Podunk, New York.

Residence data: The person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Marion County who died in an accident while on vacation in Michigan has been added to the Marion County resident death figure.

When in doubt about which type of data to use, resident figures are usually the best choice. Most birth and death data are published by residence, which means that comparisons with other states or the United States as a whole will be easier. Exceptions to this rule are listed in the individual sections.

Once the right event has been determined, and the choice between occurrence and residence data has been made, the statistician can find the correct figures in the table(s) in this book. If the needed table is not listed, contact the Center for Health Statistics for more information.

STEP 2: MAKING THE NUMBER MEANINGFUL WITH RATES AND RATIOS

In many instances simply knowing the number of events is not sufficient. For example, we know more people died in Multnomah County than in Wheeler County, because Multnomah County has a much larger population. But what is the *likelihood* of dying in each county?

In order to answer this question, statisticians calculate rates. This means that the number of events which occurred is compared to the population for which that event *could* have occurred, and the figure is then standardized to some number (such as 1,000 or 100,000) for convenience.

Here is an example:

$$\text{CRUDE DEATH RATE} = (\text{DEATHS/POPULATION}) \times 1,000$$

*the number of people
who could have died*

*a number chosen by vital
statisticians to improve
the ease of comparisons*

The more specifically a statistician can define the “population at risk” (the denominator or bottom part of the formula), the more meaningful the rate is. For example, the *crude birth rate*, which compares the number of births to the population, is not nearly as

informative as the *fertility rate*, which uses only the number of women of childbearing age (15-44) for comparative purposes. The fertility rate is not distorted by changes in the number of men or pre-pubescent or post-menopausal women in the population. (The turn of the century notion that only *married* women between the age of 15 and 44 would be considered at risk of pregnancy has been abandoned for obvious reasons.)

Unfortunately we do not always have the correct denominator for the equation. In these situations a substitute is used. For example, how many people are at risk of getting divorced? The number of married people is only available for census years. As a substitute, the crude divorce rate is calculated using the total population regardless of marital status. In other situations, the event is simply compared to another related number. For instance, the abortion ratio compares the number of abortions to the number of births. This is easier and more accurate than trying to determine the true denominator, which is the total number of pregnant women.

When calculating rates and ratios, great care must be taken to make certain that the appropriate time periods, geographical boundaries, and populations are used.

STEP 3: COMPARING TWO OR MORE NUMBERS

Numbers are more meaningful when they are converted into rates and ratios. But problems can arise when rates or ratios are compared for different geographical areas, different time periods, or different categories such as men versus women.

Chance variation

Statisticians expect a certain amount of chance variation and have methods to take this into account. The *confidence interval* uses the number of cases and their distributions to determine what the rate “really is.” For example, a statistician will say, “We are 95% sure that the *true* infant death rate for Oregon in 1986 was 9.47 ± 0.97 ; that is, it lies somewhere between 8.50 and 10.44.” If two rates have overlapping confidence intervals, then the difference

When comparing rates and ratios, differences should be tested for statistical significance. Formulas are listed in the next section of this chapter.

between them may be due to this chance variation. In other words the difference is not *statistically significant*.

Small numbers

Chance variation is a common problem when the numbers being used to calculate rates are extremely small. Large swings often occur in the rates which do not reflect real changes. Consider Tillamook County's infant mortality rates for a five year period.

TILLAMOOK COUNTY			
YEAR	BIRTHS	INFANT DEATHS	INFANT DEATH RATES
1981	324	5	15.4
1982	318	2	6.3
1983	306	4	13.1
1984	264	1	3.8
1985	266	3	11.3
1981-1985	1,478	15	10.1

The overall rate of 10.1 is quite close to the state rate for the same time period (10.2). Yet for some years the rate is four times as high as the rate of other years simply because four additional infants died. Public health officials would waste a good deal of energy reacting to these annual rates.

Many rates based on small numbers are published in this book because readers demand them. But anyone preparing to make important decisions based on these rates should be wary. Consider this rule of thumb: a rate based on 20 cases has a 95% confidence interval about as wide as the rate itself (i.e., the interval for a rate of 50 is between 25 and 75). Even large differences between two rates based on 20 cases or less are probably not statistically significant.

If 20 is too few, how many cases are sufficient to say that a true difference exists? Unfortunately we have no easy rules for this. To be safe, the vital statistician should always try to combine several years of data or consolidate geographical areas. Confidence intervals should be calculated, and differences should be tested for statistical significance.

Changes in measurement

Another problem is that the numbers being compared have not always been based on the same type of measurement. Definitions, population estimates, certificates, and coding procedures change from time to time as the need arises. This can create "artificial" differences and can disguise "real" differences. The cause-of-death item provides an excellent example in comparability:

During the late 1970s, approximately 80 to 85 people died each year due to hypertensive disease.	Rate = 3.3 per 100,000 population
In 1979, 250 people died from this cause.	Rate = 9.8 per 100,000 population

It appears that the incidence of hypertensive disease increased. But actually, a new coding scheme resulted in more deaths being coded as due to hypertensive disease.

Taking age, sex, and race into account

Mr. G.C. Whipple noted in 1923 that, “We might find that the death rate of bank presidents was higher than that of newsboys; but this would not be because of different occupations, but because of different ages.” We expect older people to die at a higher rate than younger people. We also expect people in their twenties to have more babies than the very young or the very old. Sex and race, as well as age, can affect rates drastically.

When comparing two places or two points in time, it is necessary to take these influencing characteristics into account. Here is an example:

The crude death rate increased between 1950 and 1960 from 9.1 to 9.5 deaths per 1,000 population. But an examination of the death rates for each age group indicates that all these rates decreased. This apparent contradiction is explained by the fact that in 1960 a larger proportion of the population was older. Because the risk of death is higher in older persons, the crude death rate increased.

	1950	1960
Crude Death Rate	9.1	9.5
Age-Specific Death Rates		
0-4	5.9	5.7
5-14	0.6	0.4
15-24	1.5	1.1
25-44	2.4	2.1
45-64	11.1	10.6
65+	58.4	56.8

Before comparing two places or two time periods, always compare the population characteristics first. If discrepancies are noted in any relevant variables, then the rates should be adjusted or standardized in order to make the comparisons free of differences in the structure of the populations. The formulas for doing this are listed in the following section.

STEP 4: ANALYZING THE DATA

The first three steps have been fairly mechanical:

- (1) = Choose the correct events and the correct group to determine the number of events which took place for the geographical areas and time periods.
- (2) = Calculate the rates.
- (3) = Compare these rates to determine if the differences are statistically significant.

NOW the vital statistician must begin to ask the difficult questions. If we find that two rates are statistically significantly different, how can we find out *why* they are different? If the differences which

we expected did not prove to be significant, is there another item which perhaps is masking an actual difference? Frequently the statistician has to refine the research question and begin all over again.

Consider the researcher who asks, “Since 1985, has chronic obstructive pulmonary disease posed a greater risk to Oregonians?” If the researcher looked at the overall rate, the answer would be “yes,” but closer examination reveals that the death rate for males has declined. It is among women that the rate has moved sharply upward, reflecting their increased smoking prevalence during recent decades. This gender dichotomy would need to be addressed in a study of COPD fatalities.

Help

Several sources of help are available. Many of the widely used rates and ratios are presented in the Quick Reference section, and narratives and figures are included throughout the book to illustrate changes. And finally, the staff of the Center for Health Statistics are available for data users who need assistance.

- 1 A more complete and accurate estimate of pregnancies based on outcomes would include: (1) births; (2) fetal deaths (stillbirths); (3) induced abortions; and (4) spontaneous abortions (miscarriages). However, fetal deaths occur in less than one percent of all pregnancies and are relatively constant in relation to births (see the *Fetal and Infant Mortality* chapter in Volume 2) and the number of miscarriages which occur is not available in vital records (perhaps 10 percent of all pregnancies). Thus, a measure which excludes these outcomes provides an adequate indicator of the number of pregnancies.

Technical Notes – Formulas

GENERAL:

$$\text{PERCENT CHANGE} = \frac{\text{New Data} - \text{Old Data}}{\text{Old Data}} \times 100$$

$$\text{Birth rate, Oregon, 1993} = 13.7$$

$$\text{Birth rate, Oregon, 1994} = 13.6$$

$$\text{Percent change} = \frac{13.6 - 13.7}{13.7} \times 100 = -0.7\%$$

PREGNANCY:

$$1. \text{ (CRUDE) BIRTH RATE} = \frac{\text{Resident Births}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1994,} = \frac{41,832}{3,082,800} \times 1,000 = 13.6$$

$$2. \text{ AGE-SPECIFIC BIRTH RATE} = \frac{\text{Resident Births To Mothers in Age Category}}{\text{Female Population in Age Category}} \times 1,000$$

$$\text{Oregon, 1994, Age 20-24} = \frac{10,999}{104,718} \times 1,000 = 105.0$$

$$3. \text{ FERTILITY RATE} = \frac{\text{Resident Births to Mothers Aged 15-44}}{\text{Female Population Aged 15-44}} \times 1,000$$

NOTE: Some publications use the following:

$$\frac{\text{All Resident Births}}{\text{Female Population Aged 15-44}}$$

$$\text{Oregon, 1994} = \frac{41,659}{682,428} \times 1,000 = 61.0$$

$$4. \text{ TOTAL FERTILITY RATE} = \text{The Sum of Age-Specific Birth Rates in 5-Year Categories between 15 and 44} \times 5$$

$$\text{Oregon, 1994} = 5 (51.3 + 105.0 + 115.4 + 78.5 + 30.2 + 6.0) = 1,932.0$$

$$5. \text{ FETAL DEATH RATIO} = \frac{\text{Resident Fetal Deaths (20+ Weeks Gestation)}}{\text{Resident Live Births}} \times 1,000$$

$$\text{Oregon, 1994, Residents} = \frac{224}{41,832} \times 1,000 = 5.4$$

$$\text{FETAL DEATH RATE} = \frac{\text{Resident Fetal Deaths (20+ Weeks Gestation)}}{\text{Resident Live Births} + \text{Resident Fetal Deaths}} \times 1,000$$

$$\text{Oregon, 1994, Residents} = \frac{224}{41,832 + 224} \times 1,000 = 5.3$$

$$\text{PERINATAL DEATH RATE} = \frac{\text{Resident Neonatal Deaths} + \text{Resident Fetal Deaths (20+ Weeks Gestation)}}{\text{Resident Live Births} + \text{Resident Fetal Deaths}} \times 1,000$$

$$\text{Oregon, 1994, Residents} = \frac{148 + 224}{41,832 + 224} \times 1,000 = 8.8$$

Note: Publications vary in the gestation cutoff for fetal deaths. In addition, some measures employ birthweight in place of gestational age. Fetal and perinatal death rates are based on 1993 year of birth.

$$6. \text{ ABORTION RATIO} = \frac{\text{Resident Abortions}}{\text{Resident Births}} \times 1,000 \text{ or } \frac{\text{Occurrence Abortions}}{\text{Occurrence Births}} \times 1,000$$

$$\text{Oregon, 1994, Occurrence} = \frac{13,391}{43,591} \times 1,000 = 307.2$$

$$7. \text{ ABORTION RATE} = \frac{\text{Resident Abortions or Occurrence Abortions}}{\text{Female Resident Population Aged 15-44}} \times 1,000$$

$$\text{Oregon 1994, Occurrence with total adjusted for not stated ages} = \frac{13,300}{682,428} \times 1,000 = 19.5$$

DEATHS:

$$8. \text{ (CRUDE) DEATH RATE} = \frac{\text{Resident Deaths}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1994} = \frac{27,361}{3,082,000} \times 1,000 = 8.9$$

$$9. \text{ INFANT DEATH RATE} = \frac{\text{Resident Infant Deaths}}{\text{Resident Births}} \times 1,000$$

$$\text{Oregon, 1994} = \frac{295}{41,832} \times 1,000 = 7.1$$

$$10. \text{ NEONATAL DEATH RATE} = \frac{\text{Resident Neonatal Deaths}}{\text{Resident Births}} \times 1,000$$

$$\text{Oregon, 1994} = \frac{164}{41,832} \times 1,000 = 3.9$$

$$11. \text{ POSTNEONATAL DEATH RATE} = \frac{\text{Resident Postneonatal Deaths}}{\text{Resident Births}} \times 1,000$$

$$\text{Oregon, 1994} = \frac{131}{41,832} \times 1,000 = 3.1$$

$$12. \text{ CAUSE-SPECIFIC DEATH RATE} = \frac{\text{Resident Deaths Due to Specific Cause}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1994, Heart Disease} = \frac{7,417}{3,082,000} \times 100,000 = 240.7$$

$$13. \text{ AGE AND SEX-SPECIFIC DEATH RATE} = \frac{\text{Resident Deaths in Age-Sex Category}}{\text{Population in Age-Sex Population}} \times 1,000$$

$$\text{Oregon, 1994, Males Aged 5-14} = \frac{63}{225,880} \times 1,000 = 27.9$$

MARRIAGE AND DIVORCE:

$$14. \text{ MARRIAGE RATE} = \frac{\text{Marriages}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1994} = \frac{25,194}{3,082,000} \times 1,000 = 8.2$$

$$15. \text{ DIVORCE RATE} = \frac{\text{Divorces}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1994} = \frac{15,844}{3,082,000} \times 1,000 = 5.1$$

CALCULATING CONFIDENCE INTERVALS FOR RATES:

To determine the confidence interval for a rate, two numbers are needed: (1) the numerator (the number of events), and (2) the denominator. If the rate is an infant, neonatal, or post-neonatal mortality rate or a rate for a characteristic of births, the denominator is the number of births. Otherwise, the denominator is a population figure. Use this formula.

$$\frac{1,000}{\text{Denominator}} [\text{events} \pm 1.96\sqrt{\text{events}}] = \text{rate} \pm \text{confidence interval}$$

*Note: If comparing rates in which there are more than 100 events (for example, deaths for ages over 65),

$$\text{then ' } 1.96\sqrt{\text{events}} \text{ ' should be replaced with: } 1.96 \sqrt{\text{events} \left[1 - \left(\frac{\text{events}}{\text{denominator}} \right) \right]}$$

Example: What is the confidence interval for Benton County's low birthweight infant rate for 1994? In 1994, Benton County had 30 out of 760 babies that were born weighing less than 2,500 grams.

$$\begin{aligned} \text{Benton Confidence Interval} &= \frac{1,000}{760} (30 \pm 1.96 \sqrt{30}) \\ &= 1.316 (30 \pm 10.74) \\ &= 39.48 \pm 14.13 \end{aligned}$$

We are 95 percent sure that the 1994 low birthweight rate for Benton County is between 25.35 and 53.61.

DETERMINING STATISTICAL SIGNIFICANT FOR RATES:

To determine if the difference between two rates is significant, use the confidence intervals for the rates in this formula:

$$\text{Difference between the two rates} \pm \sqrt{1\text{st confidence interval}^2 + 2\text{nd confidence interval}^2}$$

If the interval obtained from this calculation does *not* include 0, then the difference is statistically significant at the 95 percent level.

Example: Is the difference between Benton County's low birthweight rate and the state rate statistically significant?

Base on the formula for confidence intervals:

1994 Oregon low birthweight rate is 53.21 ± 2.16

1994 Benton low birthweight rate is 39.48 ± 14.13

Using the formula for determining statistical significance:

$$(53.21 - 39.48) \pm \sqrt{2.16^2 + 14.13^2}$$

$$13.73 \pm \sqrt{4.67 + 199.66}$$

$$13.73 \pm \sqrt{204.33}$$

$$13.73 \pm 14.29$$

The interval is between -0.56 and 28.02. Since zero does fall between these two numbers, the difference between the low birthweight rates for Benton County and Oregon is not statistically significant.

CALCULATING RATES ADJUSTED FOR SEX/AGE/RACE:

When comparing rates and ratios, the influences of sex, age, and race differences in the populations must be taken into account. Comparing many different age-sex-race specific rates can be cumbersome. The following techniques are used by vital statisticians to summarize these rates into one number.

The *direct adjusted rate* applies each of the specific rates for a particular population (such as a county or an HSA) to a standard population distribution (such as the state).

The *standard mortality ratio* compares the number of deaths for a particular population (such as a county or an HSA) to the number of deaths which would be expected if some standard set of rates (such as the state or the U.S. rates) had occurred.

Each of these techniques has its advantages and disadvantages. The easiest to calculate is the direct adjusted rate. The following example shows how to adjust a county's death rate for sex so that it may be compared to the state rate.

$$\left[\frac{\text{county male deaths}}{\text{county male population}} \times \text{state male population} \right] + \left[\frac{\text{county female deaths}}{\text{county female population}} \times \text{state female population} \right] \times 1,000$$

TOTAL STATE POPULATION

The same logic can be used to adjust for age and/or race.

REFERENCES:

For further information about calculating confidence intervals and adjusting rates, see:

National Center for Health Statistics: Infant Mortality, by J. C. Kleinman, Statistical Notes for Health Planners, No. 2. Health Resources Administration, Washington, D.C., July 1976.

National Center for Health Statistics: Mortality, by J. C. Kleinman, Statistical Notes for Health Planners, No. 3. Health Resources Administration, Washington, D.C., July 1977.