

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000

Selected Causes of Death (and their ICD-10 codes)	Baker		Benton		Clackamas		Clatsop	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	186	1110.4	440	561.9	2,634	774.7	375	1050.4
Infections & parasitic disease (A00-B99) .....	—	—	3	3.8	30	8.8	4	11.2
Septicemia (A40-A41) .....	—	—	1	1.3	12	3.5	2	5.6
Viral Hepatitis (B15-B19) .....	—	—	—	—	4	1.2	—	—
HIV disease (B20-B24) .....	—	—	2	2.6	5	1.5	—	—
Malignant neoplasms (C00-C97) .....	47	280.6	116	148.1	679	199.7	100	280.1
Colon (C18) .....	5	29.9	9	11.5	48	14.1	6	16.8
Pancreas (C25) .....	—	—	4	5.1	26	7.6	2	5.6
Bronchus & lung (C34) .....	11	65.7	32	40.9	192	56.5	34	95.2
Skin (C43-44) .....	—	—	—	—	23	6.8	2	5.6
Breast (C50) .....	4	23.9	12	15.3	37	10.9	4	11.2
Cervical (C53) .....	1	6.0	—	—	5	1.5	—	—
Uterine (C54) .....	—	—	2	2.6	4	1.2	—	—
Ovarian (C56) .....	2	11.9	3	3.8	17	5.0	2	5.6
Prostate (C61) .....	3	17.9	7	8.9	41	12.1	7	19.6
Kidney & renal pelvis (C64-C65) .....	1	6.0	4	5.1	12	3.5	2	5.6
Bladder (C67) .....	—	—	3	3.8	14	4.1	4	11.2
Brain (C70-C72) .....	1	6.0	5	6.4	22	6.5	3	8.4
Lymphatic (C81-C96) .....	7	41.8	12	15.3	77	22.6	7	19.6
Non-Hodgkin's lymphoma (C82-C85) .....	5	29.9	5	6.4	29	8.5	4	11.2
Leukemia (C91-C95) .....	2	11.9	4	5.1	27	7.9	2	5.6
Benign & uncertain neoplasms (D00-D48) .....	2	11.9	1	1.3	19	5.6	1	2.8
Diabetes mellitus (E10-E14) .....	5	29.9	12	15.3	71	20.9	10	28.0
Organic dementia (F01, F03) .....	4	23.9	9	11.5	50	14.7	3	8.4
Parkinson's disease (G20-G21) .....	1	6.0	4	5.1	22	6.5	2	5.6
Alzheimer's disease (G30) .....	1	6.0	11	14.0	80	23.5	11	30.8
Alcohol-induced deaths <sup>2</sup> .....	4	23.9	8	10.2	31	9.1	3	8.4
Diseases of circulatory system (I00-I99) .....	67	400.0	168	214.6	970	285.3	157	439.8
Hypertension/hyperten. renal dis. (I10, I12) .....	1	6.0	1	1.3	11	3.2	2	5.6
Heart Disease (I00-I09, I11, I13, I20-I51) .....	45	268.7	106	135.4	660	194.1	110	308.1
Ischemic heart disease (I20-I25) .....	24	143.3	81	103.4	449	132.1	88	246.5
Myocardial infarction (I21-I22) .....	5	29.9	34	43.4	156	45.9	26	72.8
Cerebrovascular disease (I60-I69) .....	13	77.6	53	67.7	241	70.9	35	98.0
Subarachnoid hemorrhage (I60) .....	—	—	1	1.3	8	2.4	2	5.6
Intracerebral hemorrhage, etc. (I61-I62) .....	2	11.9	6	7.7	37	10.9	8	22.4
Cerebral infarction (I63) .....	—	—	7	8.9	18	5.3	—	—
Stroke of unspecified type (I64) .....	5	29.9	19	24.3	131	38.5	17	47.6
Aortic aneurysm (I71) .....	2	11.9	4	5.1	27	7.9	2	5.6
Influenza & pneumonia (J10-J18) .....	5	29.9	6	7.7	77	22.6	7	19.6
Chronic lower respiratory diseases (J40-J47) .....	18	107.5	25	31.9	136	40.0	18	50.4
Diseases of the digestive system (K00-K92) .....	8	47.8	13	16.6	82	24.1	11	30.8
Diseases of the genitourinary sys. (N00-N99) .....	—	—	11	14.0	34	10.0	7	19.6
Nephritis (N00-N07, N17-N19, N25-N27) .....	—	—	5	6.4	23	6.8	5	14.0
Perinatal conditions (P00-P96) .....	—	—	1	1.3	8	2.4	2	5.6
Congenital malformations (Q00-Q99) .....	—	—	1	1.3	10	2.9	1	2.8
Sudden infant death syndrome (R95) .....	—	—	—	—	5	1.5	1	2.8
Unintentional injuries (V01-X59, Y85-Y86) .....	8	47.8	15	19.2	92	27.1	13	36.4
Suicide (X60-X84,Y87.0) .....	2	11.9	9	11.5	37	10.9	11	30.8
Homicide (X85-Y09, Y87.1) .....	—	—	—	—	6	1.8	—	—
Undetermined intent (Y10-Y34, Y87.2) .....	—	—	—	—	6	1.8	—	—

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000 — Continued

Selected Causes of Death (and their ICD-10 codes)	Columbia		Coos		Crook		Curry	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	385	881.0	812	1293.0	205	1062.2	346	1632.1
Infections & parasitic disease (A00-B99) .....	8	18.3	9	14.3	2	10.4	3	14.2
Septicemia (A40-A41) .....	3	6.9	5	8.0	2	10.4	2	9.4
Viral Hepatitis (B15-B19) .....	—	—	2	3.2	—	—	—	—
HIV disease (B20-B24) .....	—	—	1	1.6	—	—	—	—
Malignant neoplasms (C00-C97) .....	87	199.1	193	307.3	46	238.3	94	443.4
Colon (C18) .....	5	11.4	13	20.7	2	10.4	9	42.5
Pancreas (C25) .....	—	—	9	14.3	1	5.2	4	18.9
Bronchus & lung (C34) .....	26	59.5	73	116.2	18	93.3	30	141.5
Skin (C43-44) .....	1	2.3	2	3.2	2	10.4	3	14.2
Breast (C50) .....	5	11.4	12	19.1	7	36.3	5	23.6
Cervical (C53) .....	—	—	1	1.6	—	—	—	—
Uterine (C54) .....	—	—	—	—	—	—	—	—
Ovarian (C56) .....	—	—	2	3.2	—	—	2	9.4
Prostate (C61) .....	4	9.2	10	15.9	2	10.4	7	33.0
Kidney & renal pelvis (C64-C65) .....	1	2.3	3	4.8	2	10.4	1	4.7
Bladder (C67) .....	3	6.9	7	11.1	2	10.4	1	4.7
Brain (C70-C72) .....	4	9.2	6	9.6	3	15.5	1	4.7
Lymphatic (C81-C96) .....	14	32.0	24	38.2	3	15.5	8	37.7
Non-Hodgkin's lymphoma (C82-C85) .....	5	11.4	7	11.1	2	10.4	2	9.4
Leukemia (C91-C95) .....	6	13.7	14	22.3	—	—	4	18.9
Benign & uncertain neoplasms (D00-D48) ....	6	13.7	5	8.0	—	—	1	4.7
Diabetes mellitus (E10-E14) .....	12	27.5	26	41.4	4	20.7	12	56.6
Organic dementia (F01, F03) .....	15	34.3	14	22.3	6	31.1	2	9.4
Parkinson's disease (G20-G21) .....	1	2.3	11	17.5	3	15.5	1	4.7
Alzheimer's disease (G30) .....	8	18.3	30	47.8	5	25.9	14	66.0
Alcohol-induced deaths <sup>2</sup> .....	2	4.6	15	23.9	2	10.4	4	18.9
Diseases of circulatory system (I00-I99) .....	135	308.9	308	490.4	85	440.4	128	603.8
Hypertension/hyperten. renal dis. (I10, I12) .....	4	9.2	12	19.1	1	5.2	1	4.7
Heart Disease (I00-I09, I11, I13, I20-I51) .....	92	210.5	209	332.8	50	259.1	87	410.4
Ischemic heart disease (I20-I25) .....	70	160.2	133	211.8	35	181.3	64	301.9
Myocardial infarction (I21-I22) .....	27	61.8	39	62.1	10	51.8	24	113.2
Cerebrovascular disease (I60-I69) .....	32	73.2	71	113.1	8	41.5	34	160.4
Subarachnoid hemorrhage (I60) .....	2	4.6	7	11.1	—	—	1	4.7
Intracerebral hemorrhage, etc. (I61-I62) .....	3	6.9	8	12.7	2	10.4	6	28.3
Cerebral infarction (I63) .....	5	11.4	6	9.6	1	5.2	3	14.2
Stroke of unspecified type (I64) .....	20	45.8	31	49.4	2	10.4	18	84.9
Aortic aneurysm (I71) .....	1	2.3	6	9.6	1	5.2	3	14.2
Influenza & pneumonia (J10-J18) .....	10	22.9	16	25.5	2	10.4	8	37.7
Chronic lower respiratory diseases (J40-J47) .....	24	54.9	53	84.4	12	62.2	23	108.5
Diseases of the digestive system (K00-K92) .....	12	27.5	30	47.8	7	36.3	14	66.0
Diseases of the genitourinary sys. (N00-N99) .....	5	11.4	15	23.9	—	—	5	23.6
Nephritis (N00-N07, N17-N19, N25-N27) .....	3	6.9	8	12.7	—	—	3	14.2
Perinatal conditions (P00-P96) .....	—	—	2	3.2	—	—	1	4.7
Congenital malformations (Q00-Q99) .....	2	4.6	1	1.6	2	10.4	—	—
Sudden infant death syndrome (R95) .....	—	—	—	—	1	5.2	1	4.7
Unintentional injuries (V01-X59, Y85-Y86) .....	14	32.0	28	44.6	12	62.2	9	42.5
Suicide (X60-X84, Y87.0) .....	8	18.3	8	12.7	3	15.5	8	37.7
Homicide (X85-Y09, Y87.1) .....	2	4.6	1	1.6	—	—	1	4.7
Undetermined intent (Y10-Y34, Y87.2) .....	—	—	1	1.6	1	5.2	1	4.7

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000 — Continued

Selected Causes of Death (and their ICD-10 codes)	Deschutes		Douglas		Gilliam		Grant	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	916	785.6	1,155	1149.3	21	1105.3	101	1270.4
Infections & parasitic disease (A00-B99) .....	13	11.1	9	9.0	—	—	1	12.6
Septicemia (A40-A41) .....	9	7.7	4	4.0	—	—	1	12.6
Viral Hepatitis (B15-B19) .....	1	0.9	2	2.0	—	—	—	—
HIV disease (B20-B24) .....	—	—	1	1.0	—	—	—	—
Malignant neoplasms (C00-C97) .....	230	197.3	266	264.7	8	421.1	23	289.3
Colon (C18) .....	20	17.2	13	12.9	—	—	3	37.7
Pancreas (C25) .....	7	6.0	15	14.9	—	—	1	12.6
Bronchus & lung (C34) .....	73	62.6	83	82.6	1	52.6	4	50.3
Skin (C43-44) .....	4	3.4	1	1.0	—	—	1	12.6
Breast (C50) .....	11	9.4	15	14.9	2	105.3	1	12.6
Cervical (C53) .....	—	—	2	2.0	—	—	—	—
Uterine (C54) .....	2	1.7	1	1.0	—	—	—	—
Ovarian (C56) .....	10	8.6	7	7.0	—	—	—	—
Prostate (C61) .....	11	9.4	27	26.9	—	—	1	12.6
Kidney & renal pelvis (C64-C65) .....	4	3.4	7	7.0	—	—	1	12.6
Bladder (C67) .....	2	1.7	3	3.0	1	52.6	1	12.6
Brain (C70-C72) .....	10	8.6	12	11.9	—	—	—	—
Lymphatic (C81-C96) .....	29	24.9	21	20.9	2	105.3	5	62.9
Non-Hodgkin's lymphoma (C82-C85) .....	11	9.4	6	6.0	—	—	1	12.6
Leukemia (C91-C95) .....	14	12.0	12	11.9	1	52.6	3	37.7
Benign & uncertain neoplasms (D00-D48) .....	3	2.6	6	6.0	—	—	2	25.2
Diabetes mellitus (E10-E14) .....	19	16.3	46	45.8	—	—	—	—
Organic dementia (F01, F03) .....	21	18.0	28	27.9	—	—	1	12.6
Parkinson's disease (G20-G21) .....	8	6.9	15	14.9	—	—	1	12.6
Alzheimer's disease (G30) .....	20	17.2	31	30.8	—	—	3	37.7
Alcohol-induced deaths <sup>2</sup> .....	7	6.0	16	15.9	—	—	—	—
Diseases of circulatory system (I00-I99) .....	336	288.2	395	393.0	8	421.1	42	528.3
Hypertension/hyperten. renal dis. (I10, I12) .....	4	3.4	10	10.0	—	—	—	—
Heart Disease (I00-I09, I11, I13, I20-I51) .....	235	201.5	280	278.6	7	368.4	29	364.8
Ischemic heart disease (I20-I25) .....	167	143.2	183	182.1	5	263.2	19	239.0
Myocardial infarction (I21-I22) .....	61	52.3	53	52.7	4	210.5	13	163.5
Cerebrovascular disease (I60-I69) .....	72	61.7	84	83.6	1	52.6	12	150.9
Subarachnoid hemorrhage (I60) .....	—	—	2	2.0	—	—	—	—
Intracerebral hemorrhage, etc. (I61-I62) .....	9	7.7	10	10.0	—	—	3	37.7
Cerebral infarction (I63) .....	1	0.9	9	9.0	—	—	—	—
Stroke of unspecified type (I64) .....	45	38.6	45	44.8	—	—	3	37.7
Aortic aneurysm (I71) .....	6	5.1	8	8.0	—	—	—	—
Influenza & pneumonia (J10-J18) .....	20	17.2	25	24.9	—	—	3	37.7
Chronic lower respiratory diseases (J40-J47) .....	64	54.9	87	86.6	1	52.6	8	100.6
Diseases of the digestive system (K00-K92) .....	22	18.9	46	45.8	—	—	3	37.7
Diseases of the genitourinary sys. (N00-N99) .....	17	14.6	16	15.9	—	—	3	37.7
Nephritis (N00-N07, N17-N19, N25-N27) .....	13	11.1	10	10.0	—	—	2	25.2
Perinatal conditions (P00-P96) .....	2	1.7	3	3.0	—	—	—	—
Congenital malformations (Q00-Q99) .....	5	4.3	7	7.0	—	—	—	—
Sudden infant death syndrome (R95) .....	2	1.7	—	—	—	—	—	—
Unintentional injuries (V01-X59, Y85-Y86) .....	45	38.6	50	49.8	1	52.6	5	62.9
Suicide (X60-X84, Y87.0) .....	13	11.1	21	20.9	—	—	2	25.2
Homicide (X85-Y09, Y87.1) .....	4	3.4	4	4.0	—	—	—	—
Undetermined intent (Y10-Y34, Y87.2) .....	2	1.7	1	1.0	—	—	—	—

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000 — Continued

Selected Causes of Death (and their ICD-10 codes)	Harney		Hood River		Jackson		Jefferson	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	80	1052.6	177	863.4	1,877	1030.2	168	877.3
Infections & parasitic disease (A00-B99) .....	—	—	5	24.4	26	14.3	1	5.2
Septicemia (A40-A41) .....	—	—	4	19.5	9	4.9	1	5.2
Viral Hepatitis (B15-B19) .....	—	—	1	4.9	8	4.4	—	—
HIV disease (B20-B24) .....	—	—	—	—	1	0.5	—	—
Malignant neoplasms (C00-C97) .....	15	197.4	31	151.2	457	250.8	33	172.3
Colon (C18) .....	1	13.2	3	14.6	38	20.9	—	—
Pancreas (C25) .....	4	52.6	1	4.9	27	14.8	2	10.4
Bronchus & lung (C34) .....	2	26.3	8	39.0	133	73.0	10	52.2
Skin (C43-44) .....	—	—	1	4.9	6	3.3	2	10.4
Breast (C50) .....	1	13.2	1	4.9	30	16.5	2	10.4
Cervical (C53) .....	—	—	—	—	3	1.6	2	10.4
Uterine (C54) .....	—	—	—	—	2	1.1	—	—
Ovarian (C56) .....	—	—	—	—	11	6.0	1	5.2
Prostate (C61) .....	1	13.2	2	9.8	35	19.2	4	20.9
Kidney & renal pelvis (C64-C65) .....	—	—	—	—	7	3.8	1	5.2
Bladder (C67) .....	—	—	—	—	15	8.2	—	—
Brain (C70-C72) .....	—	—	2	9.8	14	7.7	—	—
Lymphatic (C81-C96) .....	3	39.5	2	9.8	47	25.8	3	15.7
Non-Hodgkin's lymphoma (C82-C85) .....	—	—	1	4.9	21	11.5	—	—
Leukemia (C91-C95) .....	1	13.2	1	4.9	18	9.9	3	15.7
Benign & uncertain neoplasms (D00-D48) .....	—	—	—	—	8	4.4	1	5.2
Diabetes mellitus (E10-E14) .....	2	26.3	5	24.4	49	26.9	9	47.0
Organic dementia (F01, F03) .....	—	—	6	29.3	33	18.1	5	26.1
Parkinson's disease (G20-G21) .....	—	—	3	14.6	10	5.5	1	5.2
Alzheimer's disease (G30) .....	2	26.3	6	29.3	89	48.8	6	31.3
Alcohol-induced deaths <sup>2</sup> .....	—	—	2	9.8	21	11.5	6	31.3
Diseases of circulatory system (I00-I99) .....	31	407.9	58	282.9	697	382.5	61	318.5
Hypertension/hyperten. renal dis. (I10, I12) .....	2	26.3	2	9.8	8	4.4	3	15.7
Heart Disease (I00-I09, I11, I13, I20-I51) .....	22	289.5	35	170.7	471	258.5	43	224.5
Ischemic heart disease (I20-I25) .....	15	197.4	24	117.1	323	177.3	35	182.8
Myocardial infarction (I21-I22) .....	8	105.3	14	68.3	102	56.0	11	57.4
Cerebrovascular disease (I60-I69) .....	5	65.8	16	78.0	190	104.3	12	62.7
Subarachnoid hemorrhage (I60) .....	—	—	1	4.9	3	1.6	—	—
Intracerebral hemorrhage, etc. (I61-I62) .....	1	13.2	4	19.5	25	13.7	1	5.2
Cerebral infarction (I63) .....	—	—	2	9.8	10	5.5	—	—
Stroke of unspecified type (I64) .....	2	26.3	5	24.4	116	63.7	5	26.1
Aortic aneurysm (I71) .....	—	—	1	4.9	11	6.0	1	5.2
Influenza & pneumonia (J10-J18) .....	1	13.2	6	29.3	35	19.2	4	20.9
Chronic lower respiratory diseases (J40-J47) .....	7	92.1	10	48.8	109	59.8	14	73.1
Diseases of the digestive system (K00-K92) .....	6	78.9	8	39.0	50	27.4	6	31.3
Diseases of the genitourinary sys. (N00-N99) .....	2	26.3	4	19.5	19	10.4	2	10.4
Nephritis (N00-N07, N17-N19, N25-N27) .....	2	26.3	1	4.9	14	7.7	2	10.4
Perinatal conditions (P00-P96) .....	—	—	2	9.8	4	2.2	1	5.2
Congenital malformations (Q00-Q99) .....	—	—	—	—	4	2.2	—	—
Sudden infant death syndrome (R95) .....	1	13.2	1	4.9	—	—	1	5.2
Unintentional injuries (V01-X59, Y85-Y86) .....	4	52.6	8	39.0	75	41.2	13	67.9
Suicide (X60-X84, Y87.0) .....	4	52.6	3	14.6	39	21.4	1	5.2
Homicide (X85-Y09, Y87.1) .....	—	—	—	—	6	3.3	—	—
Undetermined intent (Y10-Y34, Y87.2) .....	—	—	—	—	3	1.6	—	—

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000 — Continued

Selected Causes of Death (and their ICD-10 codes)	Josephine		Klamath		Lake		Lane	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	964	1267.6	649	1015.6	89	1194.6	2,844	877.9
Infections & parasitic disease (A00-B99) .....	11	14.5	9	14.1	1	13.4	42	13.0
Septicemia (A40-A41) .....	3	3.9	6	9.4	1	13.4	18	5.6
Viral Hepatitis (B15-B19) .....	2	2.6	—	—	—	—	7	2.2
HIV disease (B20-B24) .....	3	3.9	1	1.6	—	—	4	1.2
Malignant neoplasms (C00-C97) .....	223	293.2	150	234.7	24	322.1	622	192.0
Colon (C18) .....	21	27.6	10	15.6	—	—	32	9.9
Pancreas (C25) .....	10	13.1	10	15.6	3	40.3	38	11.7
Bronchus & lung (C34) .....	66	86.8	43	67.3	7	94.0	202	62.4
Skin (C43-C44) .....	—	—	1	1.6	1	13.4	20	6.2
Breast (C50) .....	19	25.0	12	18.8	1	13.4	54	16.7
Cervical (C53) .....	1	1.3	—	—	1	13.4	3	0.9
Uterine (C54) .....	1	1.3	—	—	1	13.4	4	1.2
Ovarian (C56) .....	9	11.8	4	6.3	1	13.4	16	4.9
Prostate (C61) .....	12	15.8	9	14.1	2	26.8	34	10.5
Kidney & renal pelvis (C64-C65) .....	4	5.3	3	4.7	—	—	15	4.6
Bladder (C67) .....	8	10.5	4	6.3	—	—	14	4.3
Brain (C70-C72) .....	6	7.9	1	1.6	—	—	13	4.0
Lymphatic (C81-C96) .....	17	22.4	15	23.5	3	40.3	67	20.7
Non-Hodgkin's lymphoma (C82-C85) .....	8	10.5	7	11.0	2	26.8	26	8.0
Leukemia (C91-C95) .....	4	5.3	5	7.8	—	—	25	7.7
Benign & uncertain neoplasms (D00-D48) ....	10	13.1	3	4.7	—	—	18	5.6
Diabetes mellitus (E10-E14) .....	27	35.5	18	28.2	—	—	102	31.5
Organic dementia (F01, F03) .....	20	26.3	6	9.4	—	—	75	23.2
Parkinson's disease (G20-G21) .....	10	13.1	5	7.8	—	—	26	8.0
Alzheimer's disease (G30) .....	25	32.9	19	29.7	3	40.3	86	26.5
Alcohol-induced deaths <sup>2</sup> .....	13	17.1	14	21.9	—	—	32	9.9
Diseases of circulatory system (I00-I99) .....	389	511.5	213	333.3	38	510.1	934	288.3
Hypertension/hyperten. renal dis. (I10, I12) .....	8	10.5	7	11.0	1	13.4	21	6.5
Heart Disease (I00-I09, I11, I13, I20-I51) .....	278	365.5	149	233.2	25	335.6	647	199.7
Ischemic heart disease (I20-I25) .....	207	272.2	105	164.3	14	187.9	376	116.1
Myocardial infarction (I21-I22) .....	55	72.3	47	73.6	5	67.1	123	38.0
Cerebrovascular disease (I60-I69) .....	84	110.5	50	78.2	10	134.2	215	66.4
Subarachnoid hemorrhage (I60) .....	2	2.6	4	6.3	—	—	8	2.5
Intracerebral hemorrhage, etc. (I61-I62) .....	5	6.6	5	7.8	1	13.4	31	9.6
Cerebral infarction (I63) .....	1	1.3	2	3.1	—	—	13	4.0
Stroke of unspecified type (I64) .....	57	75.0	21	32.9	6	80.5	109	33.6
Aortic aneurysm (I71) .....	12	15.8	5	7.8	2	26.8	20	6.2
Influenza & pneumonia (J10-J18) .....	12	15.8	10	15.6	—	—	61	18.8
Chronic lower respiratory diseases (J40-J47) .....	58	76.3	48	75.1	4	53.7	151	46.6
Diseases of the digestive system (K00-K92) .....	37	48.7	26	40.7	2	26.8	88	27.2
Diseases of the genitourinary sys. (N00-N99) .....	19	25.0	5	7.8	1	13.4	52	16.1
Nephritis (N00-N07, N17-N19, N25-N27) .....	8	10.5	1	1.6	—	—	31	9.6
Perinatal conditions (P00-P96) .....	2	2.6	4	6.3	—	—	9	2.8
Congenital malformations (Q00-Q99) .....	1	1.3	3	4.7	—	—	16	4.9
Sudden infant death syndrome (R95) .....	2	2.6	—	—	—	—	7	2.2
Unintentional injuries (V01-X59, Y85-Y86) .....	23	30.2	38	59.5	7	94.0	130	40.1
Suicide (X60-X84,Y87.0) .....	19	25.0	19	29.7	2	26.8	42	13.0
Homicide (X85-Y09, Y87.1) .....	1	1.3	1	1.6	—	—	10	3.1
Undetermined intent (Y10-Y34, Y87.2) .....	—	—	—	—	1	13.4	14	4.3

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000 — Continued

Selected Causes of Death (and their ICD-10 codes)	Lincoln		Linn		Malheur		Marion	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	541	1213.0	928	897.9	292	919.7	2,429	848.4
Infections & parasitic disease (A00-B99) .....	7	15.7	12	11.6	6	18.9	39	13.6
Septicemia (A40-A41) .....	2	4.5	4	3.9	2	6.3	18	6.3
Viral Hepatitis (B15-B19) .....	2	4.5	3	2.9	1	3.1	6	2.1
HIV disease (B20-B24) .....	1	2.2	1	1.0	1	3.1	5	1.7
Malignant neoplasms (C00-C97) .....	141	316.1	227	219.6	68	214.2	590	206.1
Colon (C18) .....	13	29.1	16	15.5	2	6.3	41	14.3
Pancreas (C25) .....	2	4.5	9	8.7	1	3.1	34	11.9
Bronchus & lung (C34) .....	47	105.4	70	67.7	26	81.9	171	59.7
Skin (C43-44) .....	4	9.0	6	5.8	1	3.1	23	8.0
Breast (C50) .....	11	24.7	14	13.5	3	9.4	39	13.6
Cervical (C53) .....	2	4.5	1	1.0	—	—	2	0.7
Uterine (C54) .....	—	—	2	1.9	2	6.3	3	1.0
Ovarian (C56) .....	2	4.5	8	7.7	4	12.6	18	6.3
Prostate (C61) .....	11	24.7	9	8.7	2	6.3	38	13.3
Kidney & renal pelvis (C64-C65) .....	2	4.5	9	8.7	1	3.1	12	4.2
Bladder (C67) .....	1	2.2	9	8.7	2	6.3	14	4.9
Brain (C70-C72) .....	3	6.7	6	5.8	2	6.3	17	5.9
Lymphatic (C81-C96) .....	14	31.4	21	20.3	5	15.7	61	21.3
Non-Hodgkin's lymphoma (C82-C85) .....	7	15.7	8	7.7	1	3.1	27	9.4
Leukemia (C91-C95) .....	4	9.0	7	6.8	3	9.4	19	6.6
Benign & uncertain neoplasms (D00-D48) ....	3	6.7	6	5.8	1	3.1	12	4.2
Diabetes mellitus (E10-E14) .....	20	44.8	19	18.4	5	15.7	70	24.4
Organic dementia (F01, F03) .....	3	6.7	20	19.4	2	6.3	44	15.4
Parkinson's disease (G20-G21) .....	6	13.5	7	6.8	1	3.1	24	8.4
Alzheimer's disease (G30) .....	15	33.6	25	24.2	8	25.2	65	22.7
Alcohol-induced deaths <sup>2</sup> .....	10	22.4	11	10.6	4	12.6	20	7.0
Diseases of circulatory system (I00-I99) .....	184	412.6	340	329.0	111	349.6	918	320.6
Hypertension/hyperten. renal dis. (I10, I12) .....	3	6.7	8	7.7	—	—	11	3.8
Heart Disease (I00-I09, I11, I13, I20-I51) .....	111	248.9	237	229.3	74	233.1	636	222.1
Ischemic heart disease (I20-I25) .....	71	159.2	155	150.0	50	157.5	444	155.1
Myocardial infarction (I21-I22) .....	24	53.8	69	66.8	17	53.5	238	83.1
Cerebrovascular disease (I60-I69) .....	43	96.4	81	78.4	28	88.2	233	81.4
Subarachnoid hemorrhage (I60) .....	1	2.2	3	2.9	1	3.1	6	2.1
Intracerebral hemorrhage, etc. (I61-I62) .....	3	6.7	9	8.7	4	12.6	24	8.4
Cerebral infarction (I63) .....	2	4.5	8	7.7	1	3.1	19	6.6
Stroke of unspecified type (I64) .....	25	56.1	44	42.6	9	28.3	120	41.9
Aortic aneurysm (I71) .....	7	15.7	7	6.8	3	9.4	16	5.6
Influenza & pneumonia (J10-J18) .....	9	20.2	20	19.4	10	31.5	51	17.8
Chronic lower respiratory diseases (J40-J47) .....	37	83.0	65	62.9	20	63.0	127	44.4
Diseases of the digestive system (K00-K92) .....	27	60.5	36	34.8	7	22.0	63	22.0
Diseases of the genitourinary sys. (N00-N99) .....	5	11.2	19	18.4	4	12.6	31	10.8
Nephritis (N00-N07, N17-N19, N25-N27) .....	5	11.2	14	13.5	3	9.4	16	5.6
Perinatal conditions (P00-P96) .....	3	6.7	5	4.8	1	3.1	11	3.8
Congenital malformations (Q00-Q99) .....	3	6.7	3	2.9	1	3.1	15	5.2
Sudden infant death syndrome (R95) .....	2	4.5	1	1.0	—	—	5	1.7
Unintentional injuries (V01-X59, Y85-Y86) .....	17	38.1	33	31.9	19	59.8	90	31.4
Suicide (X60-X84, Y87.0) .....	17	38.1	12	11.6	1	3.1	38	13.3
Homicide (X85-Y09, Y87.1) .....	1	2.2	1	1.0	—	—	12	4.2
Undetermined intent (Y10-Y34, Y87.2) .....	2	4.5	2	1.9	—	—	2	0.7

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000 — Continued

Selected Causes of Death (and their ICD-10 codes)	Morrow		Multnomah		Polk		Sherman	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	72	648.6	5,711	862.2	487	776.7	18	923.1
Infections & parasitic disease (A00-B99) .....	2	18.0	113	17.1	6	9.6	—	—
Septicemia (A40-A41) .....	1	9.0	44	6.6	3	4.8	—	—
Viral Hepatitis (B15-B19) .....	—	—	22	3.3	1	1.6	—	—
HIV disease (B20-B24) .....	1	9.0	26	3.9	—	—	—	—
Malignant neoplasms (C00-C97) .....	24	216.2	1,268	191.4	99	157.9	4	205.1
Colon (C18) .....	1	9.0	87	13.1	10	15.9	—	—
Pancreas (C25) .....	1	9.0	71	10.7	4	6.4	—	—
Bronchus & lung (C34) .....	10	90.1	361	54.5	30	47.8	3	153.8
Skin (C43-44) .....	1	9.0	19	2.9	—	—	—	—
Breast (C50) .....	1	9.0	88	13.3	7	11.2	—	—
Cervical (C53) .....	2	18.0	6	0.9	—	—	—	—
Uterine (C54) .....	—	—	12	1.8	—	—	—	—
Ovarian (C56) .....	—	—	39	5.9	3	4.8	—	—
Prostate (C61) .....	—	—	74	11.2	5	8.0	—	—
Kidney & renal pelvis (C64-C65) .....	2	18.0	33	5.0	5	8.0	—	—
Bladder (C67) .....	—	—	28	4.2	1	1.6	—	—
Brain (C70-C72) .....	1	9.0	24	3.6	7	11.2	—	—
Lymphatic (C81-C96) .....	2	18.0	121	18.3	10	15.9	1	51.3
Non-Hodgkin's lymphoma (C82-C85) .....	2	18.0	48	7.2	5	8.0	—	—
Leukemia (C91-C95) .....	—	—	43	6.5	2	3.2	1	51.3
Benign & uncertain neoplasms (D00-D48) .....	—	—	37	5.6	2	3.2	—	—
Diabetes mellitus (E10-E14) .....	2	18.0	179	27.0	11	17.5	1	51.3
Organic dementia (F01, F03) .....	1	9.0	147	22.2	6	9.6	2	102.6
Parkinson's disease (G20-G21) .....	—	—	64	9.7	7	11.2	—	—
Alzheimer's disease (G30) .....	—	—	184	27.8	18	28.7	—	—
Alcohol-induced deaths <sup>2</sup> .....	2	18.0	100	15.1	5	8.0	—	—
Diseases of circulatory system (I00-I99) .....	25	225.2	1,941	293.0	208	331.7	7	359.0
Hypertension/hyperten. renal dis. (I10, I12) .....	1	9.0	59	8.9	7	11.2	—	—
Heart Disease (I00-I09, I11, I13, I20-I51) .....	18	162.2	1,248	188.4	145	231.3	5	256.4
Ischemic heart disease (I20-I25) .....	9	81.1	790	119.3	97	154.7	3	153.8
Myocardial infarction (I21-I22) .....	5	45.0	283	42.7	49	78.1	2	102.6
Cerebrovascular disease (I60-I69) .....	5	45.0	500	75.5	49	78.1	1	51.3
Subarachnoid hemorrhage (I60) .....	—	—	20	3.0	—	—	—	—
Intracerebral hemorrhage, etc. (I61-I62) .....	1	9.0	72	10.9	9	14.4	—	—
Cerebral infarction (I63) .....	—	—	46	6.9	2	3.2	1	51.3
Stroke of unspecified type (I64) .....	3	27.0	263	39.7	16	25.5	—	—
Aortic aneurysm (I71) .....	1	9.0	38	5.7	2	3.2	—	—
Influenza & pneumonia (J10-J18) .....	1	9.0	138	20.8	5	8.0	—	—
Chronic lower respiratory diseases (J40-J47) .....	2	18.0	275	41.5	26	41.5	—	—
Diseases of the digestive system (K00-K92) .....	1	9.0	203	30.6	17	27.1	1	51.3
Diseases of the genitourinary sys. (N00-N99) .....	3	27.0	112	16.9	9	14.4	1	51.3
Nephritis (N00-N07, N17-N19, N25-N27) .....	3	27.0	66	10.0	4	6.4	—	—
Perinatal conditions (P00-P96) .....	1	9.0	25	3.8	1	1.6	—	—
Congenital malformations (Q00-Q99) .....	—	—	29	4.4	2	3.2	—	—
Sudden infant death syndrome (R95) .....	—	—	11	1.7	1	1.6	—	—
Unintentional injuries (V01-X59, Y85-Y86) .....	3	27.0	225	34.0	22	35.1	2	102.6
Suicide (X60-X84, Y87.0) .....	1	9.0	91	13.7	9	14.4	—	—
Homicide (X85-Y09, Y87.1) .....	—	—	27	4.1	—	—	—	—
Undetermined intent (Y10-Y34, Y87.2) .....	—	—	19	2.9	—	—	—	—

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000 — Continued

Selected Causes of Death (and their ICD-10 codes)	Tillamook		Umatilla		Union		Wallowa	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	262	1078.2	573	808.8	217	883.9	82	1131.0
Infections & parasitic disease (A00-B99) .....	3	12.3	5	7.1	5	20.4	1	13.8
Septicemia (A40-A41) .....	1	4.1	2	2.8	4	16.3	—	—
Viral Hepatitis (B15-B19) .....	1	4.1	—	—	—	—	—	—
HIV disease (B20-B24) .....	—	—	—	—	1	4.1	1	13.8
Malignant neoplasms (C00-C97) .....	69	284.0	150	211.7	52	211.8	17	234.5
Colon (C18) .....	5	20.6	14	19.8	6	24.4	—	—
Pancreas (C25) .....	2	8.2	7	9.9	4	16.3	3	41.4
Bronchus & lung (C34) .....	19	78.2	41	57.9	10	40.7	4	55.2
Skin (C43-44) .....	1	4.1	1	1.4	—	—	—	—
Breast (C50) .....	5	20.6	11	15.5	2	8.1	—	—
Cervical (C53) .....	1	4.1	1	1.4	—	—	—	—
Uterine (C54) .....	1	4.1	1	1.4	—	—	—	—
Ovarian (C56) .....	3	12.3	4	5.6	1	4.1	—	—
Prostate (C61) .....	2	8.2	13	18.3	3	12.2	2	27.6
Kidney & renal pelvis (C64-C65) .....	2	8.2	2	2.8	2	8.1	—	—
Bladder (C67) .....	1	4.1	5	7.1	—	—	1	13.8
Brain (C70-C72) .....	1	4.1	6	8.5	—	—	—	—
Lymphatic (C81-C96) .....	11	45.3	18	25.4	6	24.4	4	55.2
Non-Hodgkin's lymphoma (C82-C85) .....	3	12.3	12	16.9	3	12.2	1	13.8
Leukemia (C91-C95) .....	4	16.5	5	7.1	2	8.1	1	13.8
Benign & uncertain neoplasms (D00-D48) ....	1	4.1	3	4.2	2	8.1	1	13.8
Diabetes mellitus (E10-E14) .....	8	32.9	10	14.1	5	20.4	—	—
Organic dementia (F01, F03) .....	3	12.3	6	8.5	5	20.4	1	13.8
Parkinson's disease (G20-G21) .....	4	16.5	8	11.3	1	4.1	1	13.8
Alzheimer's disease (G30) .....	4	16.5	13	18.3	2	8.1	2	27.6
Alcohol-induced deaths <sup>2</sup> .....	5	20.6	9	12.7	2	8.1	1	13.8
Diseases of circulatory system (I00-I99) .....	94	386.8	174	245.6	64	260.7	32	441.4
Hypertension/hyperten. renal dis. (I10, I12) .....	4	16.5	7	9.9	—	—	1	13.8
Heart Disease (I00-I09, I11, I13, I20-I51) .....	65	267.5	126	177.8	48	195.5	21	289.7
Ischemic heart disease (I20-I25) .....	49	201.6	84	118.6	29	118.1	20	275.9
Myocardial infarction (I21-I22) .....	14	57.6	31	43.8	10	40.7	3	41.4
Cerebrovascular disease (I60-I69) .....	17	70.0	33	46.6	12	48.9	9	124.1
Subarachnoid hemorrhage (I60) .....	—	—	1	1.4	—	—	—	—
Intracerebral hemorrhage, etc. (I61-I62) .....	—	—	3	4.2	2	8.1	2	27.6
Cerebral infarction (I63) .....	—	—	3	4.2	1	4.1	3	41.4
Stroke of unspecified type (I64) .....	12	49.4	22	31.1	7	28.5	3	41.4
Aortic aneurysm (I71) .....	1	4.1	5	7.1	2	8.1	—	—
Influenza & pneumonia (J10-J18) .....	5	20.6	8	11.3	7	28.5	—	—
Chronic lower respiratory diseases (J40-J47) .....	19	78.2	43	60.7	15	61.1	6	82.8
Diseases of the digestive system (K00-K92) .....	10	41.2	22	31.1	7	28.5	2	27.6
Diseases of the genitourinary sys. (N00-N99) .....	5	20.6	9	12.7	7	28.5	1	13.8
Nephritis (N00-N07, N17-N19, N25-N27) .....	3	12.3	4	5.6	6	24.4	—	—
Perinatal conditions (P00-P96) .....	1	4.1	1	1.4	—	—	1	13.8
Congenital malformations (Q00-Q99) .....	1	4.1	3	4.2	1	4.1	1	13.8
Sudden infant death syndrome (R95) .....	—	—	1	1.4	3	12.2	—	—
Unintentional injuries (V01-X59, Y85-Y86) .....	10	41.2	23	32.5	11	44.8	3	41.4
Suicide (X60-X84,Y87.0) .....	8	32.9	9	12.7	4	16.3	3	41.4
Homicide (X85-Y09, Y87.1) .....	—	—	4	5.6	—	—	—	—
Undetermined intent (Y10-Y34, Y87.2) .....	1	4.1	—	—	—	—	—	—

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.

Table 6-38. Selected Causes of Death by County, Oregon Residents, 2000 — Continued

Selected Causes of Death (and their ICD-10 codes)	Wasco		Washington		Wheeler		Yamhill	
	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>	No.	Rate <sup>1</sup>
Total .....	281	1178.2	2,577	573.6	23	1483.9	624	729.8
Infections & parasitic disease (A00-B99) .....	3	12.6	49	10.9	—	—	14	16.4
Septicemia (A40-A41) .....	3	12.6	18	4.0	—	—	6	7.0
Viral Hepatitis (B15-B19) .....	—	—	12	2.7	—	—	2	2.3
HIV disease (B20-B24) .....	—	—	5	1.1	—	—	2	2.3
Malignant neoplasms (C00-C97) .....	63	264.2	616	137.1	5	322.6	152	177.8
Colon (C18) .....	6	25.2	61	13.6	—	—	10	11.7
Pancreas (C25) .....	4	16.8	40	8.9	—	—	11	12.9
Bronchus & lung (C34) .....	19	79.7	170	37.8	1	64.5	48	56.1
Skin (C43-44) .....	—	—	18	4.0	—	—	2	2.3
Breast (C50) .....	5	21.0	49	10.9	—	—	14	16.4
Cervical (C53) .....	—	—	2	0.4	—	—	—	—
Uterine (C54) .....	—	—	1	0.2	—	—	2	2.3
Ovarian (C56) .....	2	8.4	23	5.1	—	—	8	9.4
Prostate (C61) .....	4	16.8	23	5.1	1	64.5	14	16.4
Kidney & renal pelvis (C64-C65) .....	3	12.6	14	3.1	—	—	1	1.2
Bladder (C67) .....	1	4.2	16	3.6	—	—	3	3.5
Brain (C70-C72) .....	3	12.6	18	4.0	1	64.5	3	3.5
Lymphatic (C81-C96) .....	5	21.0	62	13.8	1	64.5	13	15.2
Non-Hodgkin's lymphoma (C82-C85) .....	5	21.0	30	6.7	—	—	5	5.8
Leukemia (C91-C95) .....	—	—	26	5.8	—	—	5	5.8
Benign & uncertain neoplasms (D00-D48) ....	3	12.6	15	3.3	—	—	7	8.2
Diabetes mellitus (E10-E14) .....	9	37.7	62	13.8	—	—	17	19.9
Organic dementia (F01, F03) .....	5	21.0	48	10.7	3	193.5	13	15.2
Parkinson's disease (G20-G21) .....	3	12.6	26	5.8	—	—	2	2.3
Alzheimer's disease (G30) .....	14	58.7	89	19.8	1	64.5	15	17.5
Alcohol-induced deaths <sup>2</sup> .....	4	16.8	24	5.3	—	—	6	7.0
Diseases of circulatory system (I00-I99) .....	92	385.7	901	200.6	8	516.1	228	266.7
Hypertension/hyperten. renal dis. (I10, I12) .....	2	8.4	21	4.7	—	—	2	2.3
Heart Disease (I00-I09, I11, I13, I20-I51) .....	64	268.3	556	123.8	6	387.1	164	191.8
Ischemic heart disease (I20-I25) .....	41	171.9	374	83.2	4	258.1	114	133.3
Myocardial infarction (I21-I22) .....	10	41.9	161	35.8	1	64.5	38	44.4
Cerebrovascular disease (I60-I69) .....	23	96.4	250	55.6	1	64.5	44	51.5
Subarachnoid hemorrhage (I60) .....	3	12.6	9	2.0	—	—	3	3.5
Intracerebral hemorrhage, etc. (I61-I62) .....	2	8.4	33	7.3	—	—	3	3.5
Cerebral infarction (I63) .....	3	12.6	18	4.0	1	64.5	3	3.5
Stroke of unspecified type (I64) .....	12	50.3	134	29.8	—	—	20	23.4
Aortic aneurysm (I71) .....	1	4.2	26	5.8	—	—	5	5.8
Influenza & pneumonia (J10-J18) .....	3	12.6	53	11.8	—	—	19	22.2
Chronic lower respiratory diseases (J40-J47) .....	23	96.4	128	28.5	—	—	40	46.8
Diseases of the digestive system (K00-K92) .....	9	37.7	80	17.8	—	—	12	14.0
Diseases of the genitourinary sys. (N00-N99) .....	5	21.0	51	11.4	1	64.5	8	9.4
Nephritis (N00-N07, N17-N19, N25-N27) .....	4	16.8	32	7.1	1	64.5	6	7.0
Perinatal conditions (P00-P96) .....	1	4.2	11	2.4	—	—	2	2.3
Congenital malformations (Q00-Q99) .....	—	—	20	4.5	—	—	2	2.3
Sudden infant death syndrome (R95) .....	1	4.2	3	0.7	—	—	1	1.2
Unintentional injuries (V01-X59, Y85-Y86) .....	11	46.1	118	26.3	2	129.0	32	37.4
Suicide (X60-X84,Y87.0) .....	4	16.8	48	10.7	—	—	6	7.0
Homicide (X85-Y09, Y87.1) .....	3	12.6	8	1.8	—	—	1	1.2
Undetermined intent (Y10-Y34, Y87.2) .....	—	—	5	1.1	—	—	1	1.2

<sup>1</sup> Rate per 100,000 population.<sup>2</sup> Includes ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3, R78.0, X45, X65, and Y15.

— Quantity is 0.