

**TABLE 6-48t. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon residents, 2013-2015**

Cause of death	State	Clackamas	Deschutes	Douglas	Jackson
<b>Total</b> .....	712.7	656.3	685.6	799.4	749.5
Infectious & parasitic disease (A00-B99) .....	14.3	13.1	9.7	13.5	17.2
Septicemia (A40-A41) .....	4.5	4.9	*	3.4	3.6
Malignant neoplasms (C00-C97) .....	160.6	147.0	148.1	183.1	166.1
Esophagus (C15) .....	4.5	4.0	3.4	6.6	4.7
Colon, rectum & anus (C18-C21) .....	13.5	11.3	14.4	14.0	13.4
Pancreas (C25) .....	11.2	10.9	11.2	8.5	12.0
Trachea, bronchus & lung (C33-C34) .....	39.9	36.4	32.5	50.5	40.4
Breast (C50) .....	11.0	11.6	9.0	11.4	11.3
Ovary (C56) .....	4.6	4.0	5.6	4.7	4.4
Prostate (C61) .....	8.4	7.4	7.2	9.3	8.6
Brain, etc. (C70-C72) <sup>2</sup> .....	5.3	5.3	7.3	6.9	5.9
Lymphoid & hematopoietic (C81-C96) .....	15.9	15.2	15.5	19.9	16.4
Non-Hodgkin's lymphoma (C82-C85) .....	5.9	4.8	5.7	8.9	6.1
Leukemia (C91-C95) .....	6.0	6.2	6.6	7.7	6.0
Diabetes mellitus (E10-E14) .....	22.9	18.9	19.6	29.1	23.1
Parkinson's disease (G20-G21) .....	8.4	9.7	10.4	7.2	8.4
Alzheimer's disease (G30) .....	29.4	30.2	31.5	23.3	33.1
Major cardiovascular diseases (I00-I78) .....	188.1	171.7	188.6	198.0	187.8
Heart disease (I00-I09, I11, I13, I20-I51) .....	133.7	121.4	140.0	141.0	129.6
Hypertensive heart disease (I11) .....	4.3	4.6	6.1	*	2.8
Ischemic heart disease (I20-I25) .....	68.5	56.6	73.8	79.2	65.4
Myocardial infarction (I21-I22) .....	20.7	16.8	26.8	26.4	18.4
Chronic ischemic heart disease (I20, I25) .....	47.4	39.5	46.7	52.2	47.0
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	3.2	1.7	6.2	5.1	*
Heart failure (I50) .....	18.1	17.8	18.6	14.7	17.4
Hypertension & hyp. renal disease (I10, I12, I15) .....	10.6	9.1	8.2	12.6	12.5
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	37.1	35.6	33.1	37.8	38.2
Atherosclerosis (I70) .....	1.0	*	*	*	*
Aortic aneurysm & dissection (I71) .....	3.1	2.9	4.0	*	3.8
Influenza & pneumonia (J09-J18) .....	9.5	8.6	7.6	11.1	12.2
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	41.4	35.4	41.6	53.8	46.1
Emphysema (J43) .....	2.9	2.3	*	*	4.5
Other CLRD (J44, J47) .....	36.9	32.2	39.2	49.3	39.9
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	12.8	10.4	11.0	15.3	15.1
Alcoholic liver disease (K70) <sup>2</sup> .....	10.4	7.8	8.7	12.7	12.8
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	7.5	6.9	6.5	8.8	7.7
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	12.7	10.8	7.0	12.8	23.0
Unintentional injuries (V01-X59, Y85-Y86) .....	41.4	35.6	37.1	55.3	41.4
Transport accidents (V01-V99, Y85) .....	11.1	7.7	10.1	22.3	12.9
Motor vehicle accidents (many codes) <sup>2</sup> .....	9.8	6.8	8.3	21.3	11.6
Nontransport accidents (W00-X59, Y86) .....	30.4	28.0	27.0	33.0	28.5
Falls (W00-W19) .....	13.4	12.9	11.1	13.2	11.5
Poisoning (X40-X49) <sup>2</sup> .....	9.9	9.5	7.8	7.9	10.8
Suicide (X60-X84, Y87.0) .....	17.7	16.1	19.4	26.7	23.8
Homicide (X85-Y09, Y87.1) .....	2.7	*	*	9.6	*
Alcohol-induced (many codes) <sup>2</sup> .....	16.9	12.6	16.0	22.1	19.2
Drug-induced (many codes) <sup>2</sup> .....	13.9	12.7	11.0	17.0	16.5
Injury by firearms (many codes) <sup>2</sup> .....	11.4	10.2	11.7	25.1	14.9

See footnotes at end of table.

**TABLE 6-48t. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon residents, 2013-2015 — Continued**

Cause of death	Josephine	Lane	Linn	Marion	Multnomah
<b>Total</b> .....	828.8	725.0	819.3	719.6	744.6
Infectious & parasitic disease (A00-B99) .....	17.6	14.4	16.4	15.9	18.0
Septicemia (A40-A41) .....	5.8	4.3	5.3	4.7	5.6
Malignant neoplasms (C00-C97) .....	180.3	160.1	179.2	171.6	164.4
Esophagus (C15) .....	6.4	4.7	5.0	3.8	4.3
Colon, rectum & anus (C18-C21) .....	13.9	12.9	13.6	15.5	14.0
Pancreas (C25) .....	10.5	12.5	10.8	12.0	10.1
Trachea, bronchus & lung (C33-C34) .....	49.5	41.0	51.2	42.7	39.0
Breast (C50) .....	18.0	10.3	12.1	10.9	10.9
Ovary (C56) .....	*	4.3	5.4	5.3	5.3
Prostate (C61) .....	11.6	8.7	9.8	8.6	8.1
Brain, etc. (C70-C72) <sup>2</sup> .....	*	6.7	5.4	5.2	4.6
Lymphoid & hematopoietic (C81-C96) .....	16.1	15.6	18.8	15.2	17.2
Non-Hodgkin's lymphoma (C82-C85) .....	5.6	6.2	5.8	5.0	7.1
Leukemia (C91-C95) .....	6.0	6.3	8.3	5.6	5.9
Diabetes mellitus (E10-E14) .....	22.7	20.9	30.5	26.4	25.3
Parkinson's disease (G20-G21) .....	8.1	7.7	8.9	8.0	9.7
Alzheimer's disease (G30) .....	18.7	35.8	36.2	21.3	32.7
Major cardiovascular diseases (I00-I78) .....	196.7	178.4	222.0	189.5	198.5
Heart disease (I00-I09, I11, I13, I20-I51) .....	137.9	122.7	157.8	135.3	142.2
Hypertensive heart disease (I11) .....	*	3.4	5.6	4.4	5.1
Ischemic heart disease (I20-I25) .....	75.3	60.6	75.7	74.2	69.2
Myocardial infarction (I21-I22) .....	20.8	18.3	25.8	20.5	21.0
Chronic ischemic heart disease (I20, I25) .....	54.1	42.1	49.4	53.4	47.9
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	*	1.9	*	2.5	2.1
Heart failure (I50) .....	16.8	17.8	21.8	15.5	20.0
Hypertension & hyp. renal disease (I10, I12, I15) .....	13.3	12.8	11.4	11.1	10.5
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	37.8	35.9	45.6	36.8	39.5
Atherosclerosis (I70) .....	*	*	*	*	1.1
Aortic aneurysm & dissection (I71) .....	*	3.3	*	2.7	2.3
Influenza & pneumonia (J09-J18) .....	11.2	9.1	8.1	8.5	10.9
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	54.2	42.1	42.3	37.1	40.4
Emphysema (J43) .....	5.3	3.2	*	2.4	3.2
Other CLRD (J44, J47) .....	46.6	36.8	38.3	33.3	35.7
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	16.2	14.5	18.8	12.5	12.2
Alcoholic liver disease (K70) <sup>2</sup> .....	14.0	11.5	15.5	9.7	9.9
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	8.3	9.8	8.8	6.0	7.9
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	23.8	12.4	10.6	13.7	11.8
Unintentional injuries (V01-X59, Y85-Y86) .....	58.0	53.0	53.8	40.6	41.7
Transport accidents (V01-V99, Y85) .....	25.9	13.4	16.4	10.5	7.9
Motor vehicle accidents (many codes) <sup>2</sup> .....	24.4	12.3	14.3	8.9	6.5
Nontransport accidents (W00-X59, Y86) .....	32.1	39.6	37.4	30.1	33.8
Falls (W00-W19) .....	10.2	17.1	16.3	16.7	14.2
Poisoning (X40-X49) <sup>2</sup> .....	11.9	14.7	13.5	6.6	13.3
Suicide (X60-X84, Y87.0) .....	26.5	20.6	16.7	12.7	16.6
Homicide (X85-Y09, Y87.1) .....	*	3.4	*	2.3	3.5
Alcohol-induced (many codes) <sup>2</sup> .....	23.4	18.0	24.9	15.4	17.6
Drug-induced (many codes) <sup>2</sup> .....	18.4	19.7	17.3	8.7	17.4
Injury by firearms (many codes) <sup>2</sup> .....	21.1	13.6	9.5	8.6	9.4

See footnotes at end of table.

**TABLE 6-48t. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon residents, 2013-2015 — Continued**

Cause of death	Washington	Yamhill	North coast: Clatsop, Columbia, Lincoln, Tillamook	South coast: Coos, Curry
<b>Total</b> .....	595.2	696.9	747.7	874.3
Infectious & parasitic disease (A00-B99) .....	10.6	9.1	13.9	21.3
Septicemia (A40-A41) .....	4.3	*	4.1	7.2
Malignant neoplasms (C00-C97) .....	137.7	167.6	169.4	197.1
Esophagus (C15) .....	3.1	*	5.1	6.9
Colon, rectum & anus (C18-C21) .....	11.1	16.7	15.1	17.1
Pancreas (C25) .....	10.6	12.2	12.2	14.3
Trachea, bronchus & lung (C33-C34) .....	30.7	46.9	42.3	56.0
Breast (C50) .....	9.4	10.5	12.1	13.4
Ovary (C56) .....	5.1	*	4.4	4.8
Prostate (C61) .....	6.0	7.6	11.6	9.0
Brain, etc. (C70-C72) <sup>2</sup> .....	4.7	*	4.9	6.3
Lymphoid & hematopoietic (C81-C96) .....	14.5	14.4	14.4	17.5
Non-Hodgkin's lymphoma (C82-C85) .....	5.4	6.1	5.7	6.1
Leukemia (C91-C95) .....	4.9	*	4.3	6.2
Diabetes mellitus (E10-E14) .....	19.9	25.6	19.8	30.5
Parkinson's disease (G20-G21) .....	8.2	9.7	5.3	5.0
Alzheimer's disease (G30) .....	31.5	29.7	29.5	24.4
Major cardiovascular diseases (I00-I78) .....	163.0	188.4	202.0	232.9
Heart disease (I00-I09, I11, I13, I20-I51) .....	115.2	142.5	148.1	164.8
Hypertensive heart disease (I11) .....	4.0	8.2	4.1	*
Ischemic heart disease (I20-I25) .....	55.5	71.4	83.2	93.0
Myocardial infarction (I21-I22) .....	15.8	19.9	26.1	33.1
Chronic ischemic heart disease (I20, I25) .....	39.2	50.4	56.5	59.3
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	1.9	5.3	3.3	5.0
Heart failure (I50) .....	19.4	19.8	18.1	19.6
Hypertension & hyp. renal disease (I10, I12, I15) .....	10.3	6.4	8.4	13.7
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	31.8	34.9	37.7	42.7
Atherosclerosis (I70) .....	*	*	*	*
Aortic aneurysm & dissection (I71) .....	2.6	*	3.8	5.5
Influenza & pneumonia (J09-J18) .....	8.4	8.4	9.5	11.6
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	24.8	37.1	52.7	52.8
Emphysema (J43) .....	1.5	*	3.6	*
Other CLRD (J44, J47) .....	22.2	32.0	47.5	48.4
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	8.8	11.5	17.6	19.2
Alcoholic liver disease (K70) <sup>2</sup> .....	6.6	8.9	15.7	16.3
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	5.9	8.3	8.0	9.3
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	8.3	7.3	14.2	22.3
Unintentional injuries (V01-X59, Y85-Y86) .....	26.9	42.8	44.7	59.5
Transport accidents (V01-V99, Y85) .....	5.5	12.7	15.1	21.7
Motor vehicle accidents (many codes) <sup>2</sup> .....	4.7	11.6	12.8	20.5
Nontransport accidents (W00-X59, Y86) .....	21.5	30.1	29.6	37.8
Falls (W00-W19) .....	11.6	17.0	12.1	12.8
Poisoning (X40-X49) <sup>2</sup> .....	5.6	8.5	10.7	10.0
Suicide (X60-X84, Y87.0) .....	12.7	16.9	25.1	32.7
Homicide (X85-Y09, Y87.1) .....	*	*	*	*
Alcohol-induced (many codes) <sup>2</sup> .....	10.6	13.5	22.6	27.3
Drug-induced (many codes) <sup>2</sup> .....	9.2	11.7	17.5	13.8
Injury by firearms (many codes) <sup>2</sup> .....	7.1	8.8	14.7	21.5

See footnotes at end of table.

**TABLE 6-48t. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon residents, 2013-2015 — Continued**

Cause of death	Mid valley: Benton, Polk	North central: Crook, Gilliam, Hood River, Jefferson, Sherman, Wasco, Wheeler	South central: Klamath, Lake	Eastern Oregon: Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union, Wallowa
<b>Total</b> .....	615.9	748.9	807.6	725.0
Infectious & parasitic disease (A00-B99) .....	10.5	12.5	15.9	13.8
Septicemia (A40-A41) .....	4.1	*	*	4.6
Malignant neoplasms (C00-C97) .....	137.6	169.0	164.7	160.0
Esophagus (C15) .....	4.0	5.6	6.2	4.8
Colon, rectum & anus (C18-C21) .....	10.8	15.9	12.9	16.3
Pancreas (C25) .....	10.7	15.4	10.5	10.1
Trachea, bronchus & lung (C33-C34) .....	29.7	39.7	43.4	40.9
Breast (C50) .....	9.6	10.1	13.1	9.9
Ovary (C56) .....	5.3	*	*	4.7
Prostate (C61) .....	8.1	8.8	9.3	9.3
Brain, etc. (C70-C72) <sup>2</sup> .....	5.9	5.5	*	4.4
Lymphoid & hematopoietic (C81-C96) .....	16.2	14.6	14.7	15.3
Non-Hodgkin's lymphoma (C82-C85) .....	6.4	*	*	6.4
Leukemia (C91-C95) .....	5.0	6.5	6.3	5.7
Diabetes mellitus (E10-E14) .....	18.0	26.9	26.9	20.9
Parkinson's disease (G20-G21) .....	9.5	6.6	8.6	8.1
Alzheimer's disease (G30) .....	27.2	19.0	33.5	23.6
Major cardiovascular diseases (I00-I78) .....	168.7	207.6	199.6	197.0
Heart disease (I00-I09, I11, I13, I20-I51) .....	118.6	146.9	145.5	141.7
Hypertensive heart disease (I11) .....	3.8	7.4	*	4.5
Ischemic heart disease (I20-I25) .....	60.0	74.3	79.0	83.4
Myocardial infarction (I21-I22) .....	18.4	20.3	18.4	26.5
Chronic ischemic heart disease (I20, I25) .....	41.4	53.8	59.4	56.5
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	*	5.1	9.5	11.0
Heart failure (I50) .....	18.0	20.2	17.7	14.1
Hypertension & hyp. renal disease (I10, I12, I15) .....	10.5	7.2	13.4	9.1
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	34.7	45.7	34.2	37.0
Atherosclerosis (I70) .....	*	*	*	*
Aortic aneurysm & dissection (I71) .....	*	*	*	3.6
Influenza & pneumonia (J09-J18) .....	5.9	9.1	10.9	11.3
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	32.9	46.9	63.2	51.2
Emphysema (J43) .....	*	*	*	2.9
Other CLRD (J44, J47) .....	29.2	40.7	56.9	46.1
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	8.8	16.0	22.1	12.9
Alcoholic liver disease (K70) <sup>2</sup> .....	7.1	14.0	20.4	10.2
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	7.0	5.9	6.0	7.8
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	11.1	10.2	18.2	15.1
Unintentional injuries (V01-X59, Y85-Y86) .....	36.1	50.6	48.2	49.0
Transport accidents (V01-V99, Y85) .....	9.8	17.5	19.9	17.4
Motor vehicle accidents (many codes) <sup>2</sup> .....	9.1	15.2	17.7	15.5
Nontransport accidents (W00-X59, Y86) .....	26.3	33.1	28.3	31.6
Falls (W00-W19) .....	13.0	14.0	9.4	11.9
Poisoning (X40-X49) <sup>2</sup> .....	7.7	7.6	9.9	9.9
Suicide (X60-X84, Y87.0) .....	12.2	14.1	24.9	19.8
Homicide (X85-Y09, Y87.1) .....	*	*	*	*
Alcohol-induced (many codes) <sup>2</sup> .....	11.5	24.3	30.7	15.1
Drug-induced (many codes) <sup>2</sup> .....	10.3	7.7	16.7	13.1
Injury by firearms (many codes) <sup>2</sup> .....	6.8	10.3	25.8	13.6

<sup>1</sup> Age-adjusted rates are per 100,000 population based on the US year 2000 standard; calculations use Portland State University Center for Population Research age and sex population estimates.

<sup>2</sup> See footnote for this cause in Table 6-6.

\* Age-adjusted rates are not calculated when fewer than 20 deaths were recorded, as the rate would be unreliable.

**TABLE 6-48m. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon resident males, 2013-2015**

Cause of death	State	Clackamas	Deschutes	Douglas	Jackson
<b>Total</b> .....	837.8	767.4	802.3	962.3	895.2
Infectious & parasitic disease (A00-B99) .....	17.4	15.8	11.4	17.8	21.9
Septicemia (A40-A41) .....	4.9	4.9	*	*	4.9
Malignant neoplasms (C00-C97) .....	188.8	168.4	175.7	216.6	198.8
Esophagus (C15) .....	8.0	6.7	6.1	11.9	8.3
Colon, rectum & anus (C18-C21) .....	15.7	13.2	15.7	17.4	12.8
Pancreas (C25) .....	13.2	13.0	14.5	9.8	15.3
Trachea, bronchus & lung (C33-C34) .....	45.6	40.2	36.9	60.6	47.6
Breast (C50) .....	0.3	*	*	*	—
Ovary (C56) .....	—	—	—	—	—
Prostate (C61) .....	20.3	18.4	17.1	21.5	20.2
Brain, etc. (C70-C72) <sup>2</sup> .....	6.5	6.0	10.5	9.5	8.5
Lymphoid & hematopoietic (C81-C96) .....	20.8	21.3	17.8	24.0	21.3
Non-Hodgkin's lymphoma (C82-C85) .....	7.5	7.0	*	10.4	7.5
Leukemia (C91-C95) .....	8.2	8.7	7.3	8.0	9.0
Diabetes mellitus (E10-E14) .....	29.1	23.7	28.6	36.8	29.4
Parkinson's disease (G20-G21) .....	12.4	14.6	14.0	10.1	13.1
Alzheimer's disease (G30) .....	24.0	25.4	25.0	19.3	25.3
Major cardiovascular diseases (I00-I78) .....	230.0	209.2	223.9	247.7	230.8
Heart disease (I00-I09, I11, I13, I20-I51) .....	171.8	155.3	174.0	181.6	172.6
Hypertensive heart disease (I11) .....	4.1	4.0	*	*	*
Ischemic heart disease (I20-I25) .....	101.0	85.5	108.6	111.0	100.5
Myocardial infarction (I21-I22) .....	28.7	24.1	37.8	33.3	26.5
Chronic ischemic heart disease (I20, I25) .....	71.9	61.0	70.3	77.4	74.0
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	4.5	*	*	*	*
Heart failure (I50) .....	20.7	19.6	20.6	18.0	24.0
Hypertension & hyp. renal disease (I10, I12, I15) .....	11.4	10.4	8.4	16.0	13.2
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	38.5	36.7	33.1	41.2	37.1
Atherosclerosis (I70) .....	1.2	*	*	*	*
Aortic aneurysm & dissection (I71) .....	4.1	4.0	*	*	*
Influenza & pneumonia (J09-J18) .....	10.6	10.0	9.7	10.4	13.8
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	45.6	40.2	49.1	58.8	52.5
Emphysema (J43) .....	3.5	*	*	*	5.0
Other CLRD (J44, J47) .....	41.0	36.9	46.6	54.1	46.0
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	17.2	13.9	16.8	21.8	23.0
Alcoholic liver disease (K70) <sup>2</sup> .....	14.5	10.9	13.6	18.7	19.8
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	9.5	9.6	7.7	11.6	10.9
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	14.2	12.8	8.0	10.9	26.6
Unintentional injuries (V01-X59, Y85-Y86) .....	54.0	48.7	47.4	73.3	55.9
Transport accidents (V01-V99, Y85) .....	16.4	10.9	15.7	30.1	20.0
Motor vehicle accidents (many codes) <sup>2</sup> .....	14.2	9.6	12.4	28.0	17.7
Nontransport accidents (W00-X59, Y86) .....	37.6	37.8	31.7	43.1	36.0
Falls (W00-W19) .....	15.3	15.7	11.4	15.9	12.8
Poisoning (X40-X49) <sup>2</sup> .....	12.5	15.5	9.5	*	14.7
Suicide (X60-X84, Y87.0) .....	28.1	26.7	30.3	46.9	37.2
Homicide (X85-Y09, Y87.1) .....	3.8	*	*	*	*
Alcohol-induced (many codes) <sup>2</sup> .....	24.8	18.8	24.3	34.1	31.1
Drug-induced (many codes) <sup>2</sup> .....	16.6	19.2	14.1	21.8	20.7
Injury by firearms (many codes) <sup>2</sup> .....	19.6	17.8	18.9	40.0	26.2

See footnotes at end of table.

**TABLE 6-48m. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon resident males, 2013-2015 — Continued**

Cause of death	Josephine	Lane	Linn	Marion	Multnomah
<b>Total</b> .....	997.9	848.2	945.5	854.1	890.7
Infectious & parasitic disease (A00-B99) .....	23.8	15.2	22.2	17.6	22.9
Septicemia (A40-A41) .....	*	4.4	*	4.0	6.3
Malignant neoplasms (C00-C97) .....	201.9	185.9	216.9	209.0	193.7
Esophagus (C15) .....	12.0	8.0	*	8.1	7.5
Colon, rectum & anus (C18-C21) .....	15.3	13.4	17.4	20.8	16.6
Pancreas (C25) .....	11.3	14.9	15.0	14.1	12.3
Trachea, bronchus & lung (C33-C34) .....	54.4	44.1	60.1	51.2	43.9
Breast (C50) .....	—	—	*	*	*
Ovary (C56) .....	—	—	—	—	—
Prostate (C61) .....	26.5	20.9	23.6	21.7	20.6
Brain, etc. (C70-C72) <sup>2</sup> .....	*	8.1	*	5.9	5.7
Lymphoid & hematopoietic (C81-C96) .....	21.8	20.3	26.7	20.0	21.6
Non-Hodgkin's lymphoma (C82-C85) .....	*	7.1	*	5.7	9.2
Leukemia (C91-C95) .....	*	8.3	10.7	7.6	8.0
Diabetes mellitus (E10-E14) .....	31.2	25.9	30.6	33.0	30.7
Parkinson's disease (G20-G21) .....	13.4	11.9	12.7	14.2	12.2
Alzheimer's disease (G30) .....	18.3	31.6	27.8	15.8	26.6
Major cardiovascular diseases (I00-I78) .....	246.3	217.9	272.6	230.4	248.6
Heart disease (I00-I09, I11, I13, I20-I51) .....	180.9	157.1	199.3	174.5	188.0
Hypertensive heart disease (I11) .....	*	3.8	*	*	5.3
Ischemic heart disease (I20-I25) .....	110.3	87.3	113.0	113.2	104.7
Myocardial infarction (I21-I22) .....	28.2	22.9	37.7	29.0	29.5
Chronic ischemic heart disease (I20, I25) .....	81.6	64.3	75.3	84.0	74.9
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	*	*	*	*	3.3
Heart failure (I50) .....	17.3	21.7	27.6	18.3	22.5
Hypertension & hyp. renal disease (I10, I12, I15) .....	14.0	15.1	14.3	11.2	10.4
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	41.9	36.3	50.4	37.5	42.8
Atherosclerosis (I70) .....	—	*	*	*	*
Aortic aneurysm & dissection (I71) .....	*	4.9	*	*	3.3
Influenza & pneumonia (J09-J18) .....	14.9	10.1	*	8.5	12.8
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	60.4	43.0	48.1	40.3	47.3
Emphysema (J43) .....	*	3.8	*	*	4.3
Other CLRD (J44, J47) .....	52.1	37.6	45.1	36.7	42.0
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	24.1	18.7	23.6	18.2	16.4
Alcoholic liver disease (K70) <sup>2</sup> .....	20.0	15.3	19.3	15.2	14.4
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	10.9	11.0	10.3	7.5	10.7
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	29.8	15.4	14.0	12.9	13.4
Unintentional injuries (V01-X59, Y85-Y86) .....	79.6	66.4	68.2	55.1	56.4
Transport accidents (V01-V99, Y85) .....	37.1	21.3	22.4	16.2	11.6
Motor vehicle accidents (many codes) <sup>2</sup> .....	34.5	19.4	18.5	13.4	9.4
Nontransport accidents (W00-X59, Y86) .....	42.6	45.1	45.8	38.9	44.9
Falls (W00-W19) .....	10.3	16.7	18.8	20.2	17.0
Poisoning (X40-X49) <sup>2</sup> .....	*	17.5	13.9	7.7	18.4
Suicide (X60-X84, Y87.0) .....	44.2	33.0	26.5	19.8	25.8
Homicide (X85-Y09, Y87.1) .....	*	4.5	*	*	5.2
Alcohol-induced (many codes) <sup>2</sup> .....	37.8	25.2	35.5	24.0	27.0
Drug-induced (many codes) <sup>2</sup> .....	21.0	23.1	15.8	9.4	22.7
Injury by firearms (many codes) <sup>2</sup> .....	36.9	23.9	17.1	15.0	16.5

See footnotes at end of table.

**TABLE 6-48m. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon resident males, 2013-2015 — Continued**

Cause of death	Washington	Yamhill	North coast: Clatsop, Columbia, Lincoln, Tillamook	South coast: Coos, Curry
<b>Total</b> .....	703.6	795.6	883.7	1003.5
Infectious & parasitic disease (A00-B99) .....	13.9	*	14.3	26.7
Septicemia (A40-A41) .....	4.9	*	*	*
Malignant neoplasms (C00-C97) .....	159.6	189.6	199.1	223.6
Esophagus (C15) .....	5.5	*	8.4	12.4
Colon, rectum & anus (C18-C21) .....	13.2	18.7	19.2	15.3
Pancreas (C25) .....	12.2	15.3	11.1	15.1
Trachea, bronchus & lung (C33-C34) .....	36.8	54.0	46.1	61.5
Breast (C50) .....	*	—	*	*
Ovary (C56) .....	—	—	—	—
Prostate (C61) .....	15.5	18.7	27.2	19.7
Brain, etc. (C70-C72) <sup>2</sup> .....	5.7	*	*	*
Lymphoid & hematopoietic (C81-C96) .....	19.1	21.5	18.9	22.6
Non-Hodgkin's lymphoma (C82-C85) .....	6.9	*	7.4	*
Leukemia (C91-C95) .....	7.2	*	*	9.1
Diabetes mellitus (E10-E14) .....	26.8	38.4	24.2	43.2
Parkinson's disease (G20-G21) .....	13.3	13.0	7.4	*
Alzheimer's disease (G30) .....	26.3	25.9	25.2	17.7
Major cardiovascular diseases (I00-I78) .....	207.2	220.9	249.1	274.1
Heart disease (I00-I09, I11, I13, I20-I51) .....	150.4	179.8	192.1	204.5
Hypertensive heart disease (I11) .....	3.7	*	*	*
Ischemic heart disease (I20-I25) .....	86.4	101.7	125.2	120.3
Myocardial infarction (I21-I22) .....	22.1	26.1	39.4	44.0
Chronic ischemic heart disease (I20, I25) .....	63.7	74.2	85.0	75.6
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	2.8	*	*	*
Heart failure (I50) .....	23.4	22.1	16.6	26.0
Hypertension & hyp. renal disease (I10, I12, I15) .....	11.7	*	9.8	15.0
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	37.4	30.6	36.9	43.2
Atherosclerosis (I70) .....	*	*	*	*
Aortic aneurysm & dissection (I71) .....	3.4	*	*	*
Influenza & pneumonia (J09-J18) .....	10.5	*	10.2	11.0
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	27.2	36.5	58.6	53.8
Emphysema (J43) .....	*	*	*	*
Other CLRD (J44, J47) .....	24.1	31.6	53.2	49.6
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	11.4	*	20.6	19.5
Alcoholic liver disease (K70) <sup>2</sup> .....	9.1	*	18.4	16.7
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	7.0	*	10.0	11.1
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	10.1	*	14.0	25.5
Unintentional injuries (V01-X59, Y85-Y86) .....	34.4	53.0	55.4	86.1
Transport accidents (V01-V99, Y85) .....	7.3	13.8	21.5	35.3
Motor vehicle accidents (many codes) <sup>2</sup> .....	5.8	*	18.3	32.9
Nontransport accidents (W00-X59, Y86) .....	27.1	39.2	33.8	50.8
Falls (W00-W19) .....	14.5	21.5	13.5	16.3
Poisoning (X40-X49) <sup>2</sup> .....	7.2	*	11.9	*
Suicide (X60-X84, Y87.0) .....	19.8	24.2	37.7	49.8
Homicide (X85-Y09, Y87.1) .....	*	*	*	*
Alcohol-induced (many codes) <sup>2</sup> .....	15.1	16.7	30.6	30.7
Drug-induced (many codes) <sup>2</sup> .....	11.1	13.9	18.1	16.2
Injury by firearms (many codes) <sup>2</sup> .....	12.2	13.6	25.6	35.3

See footnotes at end of table.

**TABLE 6-48m. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon resident males, 2013-2015 — Continued**

Cause of death	Mid valley: Benton, Polk	North central: Crook, Gilliam, Hood River, Jefferson, Sherman, Wasco, Wheeler	South central: Klamath, Lake	Eastern Oregon: Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union, Wallowa
<b>Total</b> .....	689.5	900.3	930.8	828.8
Infectious & parasitic disease (A00-B99) .....	12.6	17.7	19.4	17.1
Septicemia (A40-A41) .....	*	*	*	*
Malignant neoplasms (C00-C97) .....	159.8	206.4	195.2	187.7
Esophagus (C15) .....	*	10.2	*	8.0
Colon, rectum & anus (C18-C21) .....	10.0	21.3	16.2	18.3
Pancreas (C25) .....	12.1	17.5	14.6	12.0
Trachea, bronchus & lung (C33-C34) .....	36.4	43.1	53.0	45.7
Breast (C50) .....	—	—	*	—
Ovary (C56) .....	—	—	—	—
Prostate (C61) .....	19.1	20.2	20.7	21.1
Brain, etc. (C70-C72) <sup>2</sup> .....	7.7	*	*	*
Lymphoid & hematopoietic (C81-C96) .....	21.5	19.6	19.0	20.8
Non-Hodgkin's lymphoma (C82-C85) .....	8.5	*	*	8.3
Leukemia (C91-C95) .....	7.9	*	*	8.3
Diabetes mellitus (E10-E14) .....	25.0	35.1	31.2	25.3
Parkinson's disease (G20-G21) .....	15.1	*	*	12.4
Alzheimer's disease (G30) .....	23.8	16.8	24.2	18.4
Major cardiovascular diseases (I00-I78) .....	195.0	247.4	231.5	231.9
Heart disease (I00-I09, I11, I13, I20-I51) .....	142.6	187.5	175.2	175.4
Hypertensive heart disease (I11) .....	*	*	*	*
Ischemic heart disease (I20-I25) .....	82.0	106.1	108.2	115.2
Myocardial infarction (I21-I22) .....	24.5	27.6	24.0	35.6
Chronic ischemic heart disease (I20, I25) .....	57.2	78.1	82.8	78.7
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	*	*	*	13.6
Heart failure (I50) .....	15.9	25.7	18.4	14.3
Hypertension & hyp. renal disease (I10, I12, I15) .....	11.0	*	17.9	6.7
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	33.8	44.1	29.6	38.7
Atherosclerosis (I70) .....	*	*	—	*
Aortic aneurysm & dissection (I71) .....	*	*	*	*
Influenza & pneumonia (J09-J18) .....	*	*	*	12.7
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	33.5	50.7	64.5	52.1
Emphysema (J43) .....	*	*	*	*
Other CLRD (J44, J47) .....	30.0	43.7	60.3	46.5
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	13.1	21.9	28.8	15.8
Alcoholic liver disease (K70) <sup>2</sup> .....	10.8	19.6	28.1	13.9
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	9.6	*	*	8.7
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	10.7	*	20.7	16.5
Unintentional injuries (V01-X59, Y85-Y86) .....	38.1	66.9	63.4	60.6
Transport accidents (V01-V99, Y85) .....	12.8	30.9	30.4	24.5
Motor vehicle accidents (many codes) <sup>2</sup> .....	11.8	26.2	26.2	22.1
Nontransport accidents (W00-X59, Y86) .....	25.2	36.0	33.0	36.1
Falls (W00-W19) .....	12.9	14.6	*	12.4
Poisoning (X40-X49) <sup>2</sup> .....	*	*	*	9.4
Suicide (X60-X84, Y87.0) .....	18.7	25.0	35.6	32.2
Homicide (X85-Y09, Y87.1) .....	*	*	*	*
Alcohol-induced (many codes) <sup>2</sup> .....	17.3	33.7	43.4	20.4
Drug-induced (many codes) <sup>2</sup> .....	8.7	*	*	13.1
Injury by firearms (many codes) <sup>2</sup> .....	11.8	19.7	40.7	22.8

— Quantity is zero.

<sup>1</sup> Age-adjusted rates are per 100,000 population based on the US year 2000 standard; calculations use Portland State University Center for Population Research age and sex population estimates.

<sup>2</sup> See footnote for this cause in Table 6-6.

\* Age-adjusted rates are not calculated when fewer than 20 deaths were recorded, as the rate would be unreliable.



**TABLE 6-48f. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon resident females, 2013-2015**

Cause of death	State	Clackamas	Deschutes	Douglas	Jackson
<b>Total</b> .....	609.0	567.3	582.7	654.9	624.2
Infectious & parasitic disease (A00-B99) .....	11.5	10.8	7.7	9.5	12.6
Septicemia (A40-A41) .....	4.1	4.9	*	*	*
Malignant neoplasms (C00-C97) .....	140.2	132.5	125.4	156.8	140.6
Esophagus (C15) .....	1.6	*	*	*	*
Colon, rectum & anus (C18-C21) .....	11.8	9.5	13.1	11.2	13.8
Pancreas (C25) .....	9.6	9.4	8.4	7.3	8.9
Trachea, bronchus & lung (C33-C34) .....	35.6	33.8	28.7	42.5	34.9
Breast (C50) .....	20.0	20.9	16.5	21.7	21.0
Ovary (C56) .....	8.6	7.3	10.5	8.9	8.3
Prostate (C61) .....	—	—	—	—	—
Brain, etc. (C70-C72) <sup>2</sup> .....	4.3	4.8	*	*	*
Lymphoid & hematopoietic (C81-C96) .....	12.0	10.4	13.5	16.2	12.8
Non-Hodgkin's lymphoma (C82-C85) .....	4.7	2.9	*	7.5	5.2
Leukemia (C91-C95) .....	4.2	4.5	5.8	7.5	*
Diabetes mellitus (E10-E14) .....	17.8	15.6	11.9	22.3	17.8
Parkinson's disease (G20-G21) .....	5.6	6.6	7.5	*	5.3
Alzheimer's disease (G30) .....	32.7	32.7	35.5	26.3	37.8
Major cardiovascular diseases (I00-I78) .....	154.2	142.2	158.9	156.1	152.5
Heart disease (I00-I09, I11, I13, I20-I51) .....	103.5	95.5	111.1	106.5	95.3
Hypertensive heart disease (I11) .....	4.2	4.8	6.2	*	*
Ischemic heart disease (I20-I25) .....	43.4	35.3	45.8	52.2	37.9
Myocardial infarction (I21-I22) .....	14.3	11.1	17.3	20.3	11.8
Chronic ischemic heart disease (I20, I25) .....	28.8	24.0	28.5	31.1	26.2
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	2.2	*	6.0	*	*
Heart failure (I50) .....	16.1	16.6	17.1	11.9	12.8
Hypertension & hyp. renal disease (I10, I12, I15) .....	9.6	8.1	7.5	9.5	11.4
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	35.6	34.1	33.7	35.3	38.9
Atherosclerosis (I70) .....	0.8	*	*	*	*
Aortic aneurysm & dissection (I71) .....	2.3	*	*	*	3.4
Influenza & pneumonia (J09-J18) .....	8.8	7.9	5.9	12.1	11.5
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	38.6	32.3	36.6	50.1	41.3
Emphysema (J43) .....	2.6	*	*	*	4.1
Other CLRD (J44, J47) .....	34.2	29.1	34.2	45.8	35.3
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	8.7	7.3	*	9.1	7.9
Alcoholic liver disease (K70) <sup>2</sup> .....	6.5	5.0	*	*	6.3
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	6.2	5.2	5.5	7.1	5.5
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	11.2	8.7	6.2	14.0	18.6
Unintentional injuries (V01-X59, Y85-Y86) .....	29.7	23.9	26.6	38.2	26.9
Transport accidents (V01-V99, Y85) .....	6.0	4.8	*	14.7	6.2
Motor vehicle accidents (many codes) <sup>2</sup> .....	5.6	4.4	*	14.7	*
Nontransport accidents (W00-X59, Y86) .....	23.7	19.1	21.7	23.5	20.7
Falls (W00-W19) .....	11.9	10.7	10.3	11.0	9.8
Poisoning (X40-X49) <sup>2</sup> .....	7.3	3.7	*	*	7.0
Suicide (X60-X84, Y87.0) .....	8.0	6.3	9.1	*	11.3
Homicide (X85-Y09, Y87.1) .....	1.7	*	*	*	*
Alcohol-induced (many codes) <sup>2</sup> .....	9.5	6.8	8.3	10.6	8.2
Drug-induced (many codes) <sup>2</sup> .....	11.2	6.5	8.4	12.4	12.4
Injury by firearms (many codes) <sup>2</sup> .....	3.7	3.1	*	*	*

See footnotes at end of table.

**TABLE 6-48f. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon resident females, 2013-2015 — Continued**

Cause of death	Josephine	Lane	Linn	Marion	Multnomah
<b>Total</b> .....	680.7	622.5	715.8	612.7	630.0
Infectious & parasitic disease (A00-B99) .....	11.8	13.9	11.8	14.2	13.4
Septicemia (A40-A41) .....	*	4.3	*	5.2	5.1
Malignant neoplasms (C00-C97) .....	163.7	141.1	150.0	145.4	145.6
Esophagus (C15) .....	*	*	*	*	1.9
Colon, rectum & anus (C18-C21) .....	12.8	12.4	10.8	11.8	11.9
Pancreas (C25) .....	9.9	10.3	*	10.3	8.4
Trachea, bronchus & lung (C33-C34) .....	45.4	39.0	44.2	35.8	35.3
Breast (C50) .....	33.5	19.1	21.4	19.1	19.8
Ovary (C56) .....	*	8.0	10.0	9.4	9.5
Prostate (C61) .....	—	—	—	—	—
Brain, etc. (C70-C72) <sup>2</sup> .....	*	5.4	*	4.6	3.6
Lymphoid & hematopoietic (C81-C96) .....	11.2	11.8	13.2	11.5	14.1
Non-Hodgkin's lymphoma (C82-C85) .....	*	5.5	*	4.4	5.7
Leukemia (C91-C95) .....	*	4.7	*	3.9	4.5
Diabetes mellitus (E10-E14) .....	15.3	16.5	30.6	21.2	20.9
Parkinson's disease (G20-G21) .....	*	4.7	*	4.1	8.1
Alzheimer's disease (G30) .....	19.0	38.4	43.0	24.3	36.3
Major cardiovascular diseases (I00-I78) .....	155.2	146.0	182.5	158.1	159.4
Heart disease (I00-I09, I11, I13, I20-I51) .....	102.7	95.2	126.7	106.0	108.0
Hypertensive heart disease (I11) .....	*	2.9	*	4.5	4.7
Ischemic heart disease (I20-I25) .....	47.4	39.8	47.5	46.0	42.6
Myocardial infarction (I21-I22) .....	15.1	14.2	17.0	14.0	14.3
Chronic ischemic heart disease (I20, I25) .....	32.0	25.4	29.7	31.8	28.1
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	*	*	*	*	*
Heart failure (I50) .....	16.2	15.0	18.2	13.5	18.5
Hypertension & hyp. renal disease (I10, I12, I15) .....	12.4	10.5	9.5	10.8	9.8
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	33.7	35.3	40.8	35.9	36.4
Atherosclerosis (I70) .....	*	*	*	*	*
Aortic aneurysm & dissection (I71) .....	*	*	*	*	1.6
Influenza & pneumonia (J09-J18) .....	8.0	8.3	9.3	8.5	9.9
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	49.6	42.1	38.5	35.7	35.7
Emphysema (J43) .....	*	2.7	*	*	2.4
Other CLRD (J44, J47) .....	42.6	36.7	33.7	31.7	31.5
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	*	10.7	14.5	6.7	8.0
Alcoholic liver disease (K70) <sup>2</sup> .....	*	8.0	12.0	4.4	5.6
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	*	9.1	*	4.9	6.0
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	18.6	9.8	7.8	13.8	10.5
Unintentional injuries (V01-X59, Y85-Y86) .....	37.1	39.7	40.7	27.4	28.5
Transport accidents (V01-V99, Y85) .....	*	5.9	10.5	4.9	4.3
Motor vehicle accidents (many codes) <sup>2</sup> .....	*	5.5	*	4.5	3.7
Nontransport accidents (W00-X59, Y86) .....	22.4	33.8	30.2	22.5	24.3
Falls (W00-W19) .....	10.4	17.0	14.7	13.8	12.0
Poisoning (X40-X49) <sup>2</sup> .....	*	11.9	13.0	5.6	8.4
Suicide (X60-X84, Y87.0) .....	*	9.0	*	6.3	7.9
Homicide (X85-Y09, Y87.1) .....	*	*	*	*	1.8
Alcohol-induced (many codes) <sup>2</sup> .....	*	11.4	14.9	7.4	8.8
Drug-induced (many codes) <sup>2</sup> .....	15.9	16.5	18.5	8.2	12.3
Injury by firearms (many codes) <sup>2</sup> .....	*	3.9	*	*	2.7

See footnotes at end of table.

**TABLE 6-48f. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon resident females, 2013-2015 — Continued**

Cause of death	Washington	Yamhill	North coast: Clatsop, Columbia, Lincoln, Tillamook	South coast: Coos, Curry
<b>Total</b> .....	518.1	619.7	629.7	755.4
Infectious & parasitic disease (A00-B99) .....	8.2	*	13.3	16.2
Septicemia (A40-A41) .....	3.9	*	*	*
Malignant neoplasms (C00-C97) .....	124.1	152.9	146.5	176.1
Esophagus (C15) .....	*	*	*	*
Colon, rectum & anus (C18-C21) .....	9.4	15.3	11.5	18.8
Pancreas (C25) .....	9.6	*	13.2	13.8
Trachea, bronchus & lung (C33-C34) .....	26.5	41.1	39.1	51.8
Breast (C50) .....	16.9	19.3	21.9	24.4
Ovary (C56) .....	9.1	*	8.5	9.2
Prostate (C61) .....	—	—	—	—
Brain, etc. (C70-C72) <sup>2</sup> .....	3.9	*	*	*
Lymphoid & hematopoietic (C81-C96) .....	11.3	*	10.8	13.3
Non-Hodgkin's lymphoma (C82-C85) .....	4.3	*	*	*
Leukemia (C91-C95) .....	3.2	*	*	*
Diabetes mellitus (E10-E14) .....	14.9	15.6	15.8	19.9
Parkinson's disease (G20-G21) .....	5.0	*	*	*
Alzheimer's disease (G30) .....	34.6	33.1	32.0	29.5
Major cardiovascular diseases (I00-I78) .....	132.1	161.6	161.3	195.8
Heart disease (I00-I09, I11, I13, I20-I51) .....	90.4	112.3	110.3	129.3
Hypertensive heart disease (I11) .....	4.1	9.6	*	*
Ischemic heart disease (I20-I25) .....	34.4	48.2	48.6	68.9
Myocardial infarction (I21-I22) .....	11.3	14.2	15.0	23.7
Chronic ischemic heart disease (I20, I25) .....	22.7	32.9	33.1	44.8
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	*	*	*	*
Heart failure (I50) .....	16.6	17.9	18.5	13.8
Hypertension & hyp. renal disease (I10, I12, I15) .....	9.4	*	7.0	12.5
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	28.2	38.0	38.1	42.4
Atherosclerosis (I70) .....	*	—	*	*
Aortic aneurysm & dissection (I71) .....	2.1	*	*	*
Influenza & pneumonia (J09-J18) .....	7.2	*	8.6	12.2
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	23.6	37.2	48.0	52.2
Emphysema (J43) .....	*	*	*	*
Other CLRD (J44, J47) .....	21.3	32.2	42.8	47.4
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	6.5	12.4	15.3	19.1
Alcoholic liver disease (K70) <sup>2</sup> .....	4.3	*	13.5	16.1
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	5.4	*	6.8	7.8
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	7.1	*	14.2	18.9
Unintentional injuries (V01-X59, Y85-Y86) .....	21.0	33.5	34.4	33.5
Transport accidents (V01-V99, Y85) .....	3.9	11.5	8.8	*
Motor vehicle accidents (many codes) <sup>2</sup> .....	3.7	*	*	*
Nontransport accidents (W00-X59, Y86) .....	17.0	22.0	25.6	25.5
Falls (W00-W19) .....	9.6	13.5	11.2	9.7
Poisoning (X40-X49) <sup>2</sup> .....	4.1	*	9.3	*
Suicide (X60-X84, Y87.0) .....	6.3	*	12.7	16.0
Homicide (X85-Y09, Y87.1) .....	*	—	*	*
Alcohol-induced (many codes) <sup>2</sup> .....	6.6	*	15.2	24.1
Drug-induced (many codes) <sup>2</sup> .....	7.5	*	16.7	11.1
Injury by firearms (many codes) <sup>2</sup> .....	2.5	*	*	*

See footnotes at end of table.

**TABLE 6-48f. Age-adjusted death rates<sup>1</sup> for selected causes by county/geographic region, Oregon resident females, 2013-2015 — Continued**

Cause of death	Mid valley: Benton, Polk	North central: Crook, Gilliam, Hood River, Jefferson, Sherman, Wasco, Wheeler	South central: Klamath, Lake	Eastern Oregon: Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union, Wallowa
<b>Total</b> .....	549.9	615.2	693.8	628.2
Infectious & parasitic disease (A00-B99) .....	8.3	*	11.6	10.7
Septicemia (A40-A41) .....	*	*	*	*
Malignant neoplasms (C00-C97) .....	121.1	140.5	141.6	137.6
Esophagus (C15) .....	*	*	*	*
Colon, rectum & anus (C18-C21) .....	11.5	11.5	*	14.8
Pancreas (C25) .....	9.7	14.1	*	8.3
Trachea, bronchus & lung (C33-C34) .....	24.6	37.0	35.7	36.6
Breast (C50) .....	17.8	19.3	24.6	19.3
Ovary (C56) .....	9.8	*	*	9.3
Prostate (C61) .....	—	—	—	—
Brain, etc. (C70-C72) <sup>2</sup> .....	*	*	*	*
Lymphoid & hematopoietic (C81-C96) .....	11.8	10.7	*	10.2
Non-Hodgkin's lymphoma (C82-C85) .....	*	*	*	*
Leukemia (C91-C95) .....	*	*	*	*
Diabetes mellitus (E10-E14) .....	12.2	19.5	23.3	16.8
Parkinson's disease (G20-G21) .....	*	*	*	4.8
Alzheimer's disease (G30) .....	29.4	21.4	40.0	26.7
Major cardiovascular diseases (I00-I78) .....	144.2	172.9	170.3	166.4
Heart disease (I00-I09, I11, I13, I20-I51) .....	97.0	112.1	119.0	112.1
Hypertensive heart disease (I11) .....	*	*	*	*
Ischemic heart disease (I20-I25) .....	41.7	47.6	54.0	57.3
Myocardial infarction (I21-I22) .....	13.5	13.4	14.6	18.6
Chronic ischemic heart disease (I20, I25) .....	28.0	34.1	38.4	38.7
Atherosclerotic cardiovascular dis. (I25.0) <sup>2</sup> .....	*	*	*	8.8
Heart failure (I50) .....	18.9	16.0	17.2	13.9
Hypertension & hyp. renal disease (I10, I12, I15) .....	9.4	8.1	*	10.9
Cerebrovascular disease (I60-I69) <sup>2</sup> .....	34.8	46.3	37.2	35.4
Atherosclerosis (I70) .....	*	*	*	*
Aortic aneurysm & dissection (I71) .....	*	*	*	*
Influenza & pneumonia (J09-J18) .....	6.1	9.2	14.1	10.2
Chronic lower respiratory disease (J40-J47) <sup>2</sup> .....	32.7	43.7	63.3	51.3
Emphysema (J43) .....	*	*	*	*
Other CLRD (J44, J47) .....	28.8	37.8	55.0	46.5
Chronic liver disease & cirrhosis (K70, K73-K74) <sup>2</sup> .....	*	*	15.1	9.8
Alcoholic liver disease (K70) <sup>2</sup> .....	*	*	*	6.4
Nephritis (N00-N07, N17-N19, N25-N27) <sup>2</sup> .....	*	*	*	7.2
Symptoms & signs NEC (R00-R99) <sup>2</sup> .....	10.6	9.7	15.0	13.7
Unintentional injuries (V01-X59, Y85-Y86) .....	34.1	34.2	33.1	36.9
Transport accidents (V01-V99, Y85) .....	*	*	*	10.1
Motor vehicle accidents (many codes) <sup>2</sup> .....	*	*	*	8.7
Nontransport accidents (W00-X59, Y86) .....	27.1	30.0	24.1	26.8
Falls (W00-W19) .....	13.1	13.4	*	11.4
Poisoning (X40-X49) <sup>2</sup> .....	*	*	*	10.5
Suicide (X60-X84, Y87.0) .....	*	*	*	*
Homicide (X85-Y09, Y87.1) .....	*	*	—	*
Alcohol-induced (many codes) <sup>2</sup> .....	*	15.3	18.3	9.9
Drug-induced (many codes) <sup>2</sup> .....	11.6	*	18.6	13.0
Injury by firearms (many codes) <sup>2</sup> .....	*	*	*	*

— Quantity is zero.

<sup>1</sup> Age-adjusted rates are per 100,000 population based on the US year 2000 standard; calculations use Portland State University Center for Population Research age and sex population estimates.

<sup>2</sup> See footnote for this cause in Table 6-6.

\* Age-adjusted rates are not calculated when fewer than 20 deaths were recorded, as the rate would be unreliable.