

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009**

| Selected Causes of Death<br>(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 .....  | 200   | 1215.8            | 534    | 615.7             | 2,965     | 780.8             | 372     | 983.1             |
| Infections & parasitic disease (A00-B99) .....       | 5     | 30.4              | 11     | 12.7              | 35        | 9.2               | 6       | 15.9              |
| Septicemia (A40-A41) .....                           | 2     | 12.2              | 2      | 2.3               | 13        | 3.4               | —       | —                 |
| Viral Hepatitis (B15-B19) .....                      | 2     | 12.2              | 3      | 3.5               | 10        | 2.6               | 2       | 5.3               |
| HIV disease (B20-B24) .....                          | —     | —                 | —      | —                 | 3         | 0.8               | —       | —                 |
| Malignant neoplasms (C00-C97) .....                  | 50    | 304.0             | 127    | 146.4             | 729       | 192.0             | 99      | 261.6             |
| Colon (C18) .....                                    | 4     | 24.3              | 6      | 6.9               | 49        | 12.9              | 5       | 13.2              |
| Pancreas (C25) .....                                 | 1     | 6.1               | 8      | 9.2               | 43        | 11.3              | 5       | 13.2              |
| Bronchus & lung (C34) .....                          | 19    | 115.5             | 43     | 49.6              | 171       | 45.0              | 30      | 79.3              |
| Skin (C43-44) .....                                  | 1     | 6.1               | 4      | 4.6               | 13        | 3.4               | 2       | 5.3               |
| Breast (C50) .....                                   | 1     | 6.1               | 9      | 10.4              | 52        | 13.7              | 5       | 13.2              |
| Cervical (C53) .....                                 | —     | —                 | —      | —                 | 2         | 0.5               | 1       | 2.6               |
| Uterine (C54-C55) .....                              | —     | —                 | 1      | 1.2               | 8         | 2.1               | 1       | 2.6               |
| Ovarian (C56) .....                                  | 1     | 6.1               | 3      | 3.5               | 24        | 6.3               | 2       | 5.3               |
| Prostate (C61) .....                                 | 2     | 12.2              | 6      | 6.9               | 42        | 11.1              | 11      | 29.1              |
| Kidney & renal pelvis (C64-C65) .....                | 1     | 6.1               | 3      | 3.5               | 27        | 7.1               | 1       | 2.6               |
| Bladder (C67) .....                                  | 3     | 18.2              | 4      | 4.6               | 24        | 6.3               | 3       | 7.9               |
| Brain (C70-C72) .....                                | —     | —                 | 5      | 5.8               | 23        | 6.1               | 3       | 7.9               |
| Lymphatic (C81-C96) .....                            | 4     | 24.3              | 12     | 13.8              | 86        | 22.6              | 7       | 18.5              |
| Non-Hodgkin's lymphoma (C82-C85) .....               | —     | —                 | 2      | 2.3               | 29        | 7.6               | 6       | 15.9              |
| Leukemia (C91-C95) .....                             | 2     | 12.2              | 6      | 6.9               | 39        | 10.3              | 1       | 2.6               |
| Benign & uncertain neoplasms (D00-D48) .....         | 3     | 18.2              | 3      | 3.5               | 27        | 7.1               | 2       | 5.3               |
| Diabetes mellitus (E10-E14) .....                    | 6     | 36.5              | 15     | 17.3              | 100       | 26.3              | 10      | 26.4              |
| Organic dementia (F01 F03) .....                     | 9     | 54.7              | 29     | 33.4              | 176       | 46.3              | 10      | 26.4              |
| Parkinson's disease (G20-G21) .....                  | 1     | 6.1               | 6      | 6.9               | 36        | 9.5               | 3       | 7.9               |
| Alzheimer's disease (G30) .....                      | 7     | 42.6              | 27     | 31.1              | 145       | 38.2              | 9       | 23.8              |
| Diseases of the circulatory system (I00-I99) .....   | 40    | 243.2             | 158    | 182.2             | 845       | 222.5             | 118     | 311.8             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 26    | 158.1             | 103    | 118.8             | 611       | 160.9             | 86      | 227.3             |
| Ischemic heart disease (I20-I25) .....               | 22    | 133.7             | 57     | 65.7              | 357       | 94.0              | 59      | 155.9             |
| Cerebrovascular disease (I60-I69) .....              | 8     | 48.6              | 43     | 49.6              | 174       | 45.8              | 25      | 66.1              |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 1     | 6.1               | 6      | 6.9               | 28        | 7.4               | 3       | 7.9               |
| Cerebral infarction (I63) .....                      | 1     | 6.1               | —      | —                 | 6         | 1.6               | 1       | 2.6               |
| Stroke of unspecified type (I64) .....               | 4     | 24.3              | 26     | 30.0              | 109       | 28.7              | 14      | 37.0              |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | 1     | 6.1               | 7      | 8.1               | 43        | 11.3              | 2       | 5.3               |
| Aortic aneurysm (I71) .....                          | 2     | 12.2              | 5      | 5.8               | 10        | 2.6               | 1       | 2.6               |
| Influenza & pneumonia (J09-J18) .....                | 5     | 30.4              | 12     | 13.8              | 46        | 12.1              | 4       | 10.6              |
| Chronic lower respiratory diseases (J40-J47) .....   | 16    | 97.3              | 22     | 25.4              | 145       | 38.2              | 20      | 52.9              |
| Diseases of the digestive system (K00-K92) .....     | 10    | 60.8              | 23     | 26.5              | 124       | 32.7              | 21      | 55.5              |
| Diseases of the genitourinary sys. (N00-N99) .....   | 2     | 12.2              | 16     | 18.4              | 50        | 13.2              | 6       | 15.9              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | 2     | 12.2              | 9      | 10.4              | 39        | 10.3              | 4       | 10.6              |
| Perinatal conditions (P00-P96) .....                 | 1     | 6.1               | 1      | 1.2               | 7         | 1.8               | 1       | 2.6               |
| Congenital malformations (Q00-Q99) .....             | —     | —                 | 1      | 1.2               | 9         | 2.4               | 2       | 5.3               |
| Sudden infant death syndrome (R95) .....             | —     | —                 | —      | —                 | 2         | 0.5               | —       | —                 |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 15    | 91.2              | 20     | 23.1              | 141       | 37.1              | 19      | 50.2              |
| Suicide (X60-X84, Y87.0) .....                       | 6     | 36.5              | 11     | 12.7              | 57        | 15.0              | 7       | 18.5              |
| Homicide (X85-Y09, Y87.1) .....                      | —     | —                 | 1      | 1.2               | 6         | 1.6               | 1       | 2.6               |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | —     | —                 | 2      | 2.3               | 7         | 1.8               | 5       | 13.2              |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | 7     | 42.6              | 7      | 8.1               | 41        | 10.8              | 8       | 21.1              |
| <i>Drug-induced</i> <sup>2</sup> .....               | 4     | 24.3              | 4      | 4.6               | 54        | 14.2              | 7       | 18.5              |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 3     | 18.2              | 9      | 10.4              | 30        | 7.9               | 8       | 21.1              |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009 — Continued**

| Selected Causes of Death<br>(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 .....  | 413      | 853.1             | 841  | 1333.5            | 194   | 713.6             | 343   | 1607.3            |
| Infections & parasitic disease (A00-B99) .....       | 15       | 31.0              | 20   | 31.7              | 3     | 11.0              | 8     | 37.5              |
| Septicemia (A40-A41) .....                           | 6        | 12.4              | 7    | 11.1              | 1     | 3.7               | 4     | 18.7              |
| Viral Hepatitis (B15-B19) .....                      | 3        | 6.2               | 6    | 9.5               | 1     | 3.7               | 2     | 9.4               |
| HIV disease (B20-B24) .....                          | —        | —                 | 1    | 1.6               | 1     | 3.7               | —     | —                 |
| Malignant neoplasms (C00-C97) .....                  | 114      | 235.5             | 209  | 331.4             | 47    | 172.9             | 89    | 417.1             |
| Colon (C18) .....                                    | 12       | 24.8              | 10   | 15.9              | 3     | 11.0              | 7     | 32.8              |
| Pancreas (C25) .....                                 | 6        | 12.4              | 7    | 11.1              | 4     | 14.7              | 3     | 14.1              |
| Bronchus & lung (C34) .....                          | 32       | 66.1              | 62   | 98.3              | 19    | 69.9              | 25    | 117.2             |
| Skin (C43-44) .....                                  | 3        | 6.2               | 3    | 4.8               | 1     | 3.7               | 1     | 4.7               |
| Breast (C50) .....                                   | 3        | 6.2               | 10   | 15.9              | 2     | 7.4               | 5     | 23.4              |
| Cervical (C53) .....                                 | —        | —                 | 1    | 1.6               | —     | —                 | 1     | 4.7               |
| Uterine (C54-C55) .....                              | 2        | 4.1               | 1    | 1.6               | 1     | 3.7               | 1     | 4.7               |
| Ovarian (C56) .....                                  | 1        | 2.1               | 4    | 6.3               | 1     | 3.7               | 4     | 18.7              |
| Prostate (C61) .....                                 | 11       | 22.7              | 7    | 11.1              | 4     | 14.7              | 7     | 32.8              |
| Kidney & renal pelvis (C64-C65) .....                | 1        | 2.1               | 8    | 12.7              | —     | —                 | 3     | 14.1              |
| Bladder (C67) .....                                  | 3        | 6.2               | 4    | 6.3               | —     | —                 | 2     | 9.4               |
| Brain (C70-C72) .....                                | 2        | 4.1               | 5    | 7.9               | 1     | 3.7               | 1     | 4.7               |
| Lymphatic (C81-C96) .....                            | 10       | 20.7              | 23   | 36.5              | 3     | 11.0              | 12    | 56.2              |
| Non-Hodgkin's lymphoma (C82-C85) .....               | 5        | 10.3              | 6    | 9.5               | 2     | 7.4               | 7     | 32.8              |
| Leukemia (C91-C95) .....                             | 3        | 6.2               | 11   | 17.4              | 1     | 3.7               | 3     | 14.1              |
| Benign & uncertain neoplasms (D00-D48) .....         | 1        | 2.1               | 7    | 11.1              | 1     | 3.7               | 4     | 18.7              |
| Diabetes mellitus (E10-E14) .....                    | 9        | 18.6              | 23   | 36.5              | 5     | 18.4              | 11    | 51.5              |
| Organic dementia (F01-F03) .....                     | 14       | 28.9              | 28   | 44.4              | 6     | 22.1              | 6     | 28.1              |
| Parkinson's disease (G20-G21) .....                  | 4        | 8.3               | 3    | 4.8               | 2     | 7.4               | 4     | 18.7              |
| Alzheimer's disease (G30) .....                      | 10       | 20.7              | 43   | 68.2              | 6     | 22.1              | 8     | 37.5              |
| Diseases of the circulatory system (I00-I99) .....   | 122      | 252.0             | 254  | 402.8             | 61    | 224.4             | 111   | 520.1             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 88       | 181.8             | 171  | 271.1             | 33    | 121.4             | 89    | 417.1             |
| Ischemic heart disease (I20-I25) .....               | 55       | 113.6             | 101  | 160.2             | 18    | 66.2              | 73    | 342.1             |
| Cerebrovascular disease (I60-I69) .....              | 25       | 51.6              | 53   | 84.0              | 11    | 40.5              | 16    | 75.0              |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 4        | 8.3               | 13   | 20.6              | 2     | 7.4               | 5     | 23.4              |
| Cerebral infarction (I63) .....                      | 2        | 4.1               | 2    | 3.2               | —     | —                 | —     | —                 |
| Stroke of unspecified type (I64) .....               | 14       | 28.9              | 32   | 50.7              | 4     | 14.7              | 8     | 37.5              |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | 7        | 14.5              | 10   | 15.9              | 2     | 7.4               | 3     | 14.1              |
| Aortic aneurysm (I71) .....                          | —        | —                 | 2    | 3.2               | —     | —                 | 2     | 9.4               |
| Influenza & pneumonia (J09-J18) .....                | 3        | 6.2               | 14   | 22.2              | 1     | 3.7               | 6     | 28.1              |
| Chronic lower respiratory diseases (J40-J47) .....   | 26       | 53.7              | 44   | 69.8              | 19    | 69.9              | 30    | 140.6             |
| Diseases of the digestive system (K00-K92) .....     | 15       | 31.0              | 44   | 69.8              | 12    | 44.1              | 12    | 56.2              |
| Diseases of the genitourinary sys. (N00-N99) .....   | 4        | 8.3               | 24   | 38.1              | —     | —                 | 7     | 32.8              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | 2        | 4.1               | 20   | 31.7              | —     | —                 | 4     | 18.7              |
| Perinatal conditions (P00-P96) .....                 | 3        | 6.2               | 1    | 1.6               | —     | —                 | —     | —                 |
| Congenital malformations (Q00-Q99) .....             | —        | —                 | 2    | 3.2               | —     | —                 | —     | —                 |
| Sudden infant death syndrome (R95) .....             | —        | —                 | 1    | 1.6               | —     | —                 | —     | —                 |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 22       | 45.4              | 21   | 33.3              | 5     | 18.4              | 11    | 51.5              |
| Suicide (X60-X84, Y87.0) .....                       | 6        | 12.4              | 19   | 30.1              | 4     | 14.7              | 10    | 46.9              |
| Homicide (X85-Y09, Y87.1) .....                      | 3        | 6.2               | 4    | 6.3               | 1     | 3.7               | —     | —                 |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | —        | —                 | 1    | 1.6               | —     | —                 | —     | —                 |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | 8        | 16.5              | 23   | 36.5              | 11    | 40.5              | 8     | 37.5              |
| <i>Drug-induced</i> <sup>2</sup> .....               | 11       | 22.7              | 11   | 17.4              | 2     | 7.4               | 2     | 9.4               |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 6        | 12.4              | 11   | 17.4              | 5     | 18.4              | 6     | 28.1              |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009 — Continued**

| Selected Causes of Death<br>(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 .....  | 1,149     | 673.1             | 1,257   | 1192.7            | 31      | 1644.6            | 65    | 863.8             |
| Infections & parasitic disease (A00-B99) .....       | 9         | 5.3               | 23      | 21.8              | 1       | 53.1              | 4     | 53.2              |
| Septicemia (A40-A41) .....                           | 5         | 2.9               | 9       | 8.5               | 1       | 53.1              | 2     | 26.6              |
| Viral Hepatitis (B15-B19) .....                      | 2         | 1.2               | 11      | 10.4              | —       | —                 | 1     | 13.3              |
| HIV disease (B20-B24) .....                          | —         | —                 | 1       | 0.9               | —       | —                 | 1     | 13.3              |
| Malignant neoplasms (C00-C97) .....                  | 273       | 159.9             | 305     | 289.4             | 10      | 530.5             | 18    | 239.2             |
| Colon (C18) .....                                    | 20        | 11.7              | 20      | 19.0              | 1       | 53.1              | 4     | 53.2              |
| Pancreas (C25) .....                                 | 19        | 11.1              | 19      | 18.0              | —       | —                 | —     | —                 |
| Bronchus & lung (C34) .....                          | 77        | 45.1              | 108     | 102.5             | 3       | 159.2             | 4     | 53.2              |
| Skin (C43-44) .....                                  | 10        | 5.9               | 11      | 10.4              | —       | —                 | —     | —                 |
| Breast (C50) .....                                   | 13        | 7.6               | 13      | 12.3              | —       | —                 | —     | —                 |
| Cervical (C53) .....                                 | 1         | 0.6               | 1       | 0.9               | —       | —                 | —     | —                 |
| Uterine (C54-C55) .....                              | 1         | 0.6               | 1       | 0.9               | —       | —                 | —     | —                 |
| Ovarian (C56) .....                                  | 9         | 5.3               | 7       | 6.6               | —       | —                 | 1     | 13.3              |
| Prostate (C61) .....                                 | 17        | 10.0              | 18      | 17.1              | —       | —                 | 2     | 26.6              |
| Kidney & renal pelvis (C64-C65) .....                | 4         | 2.3               | 4       | 3.8               | —       | —                 | 1     | 13.3              |
| Bladder (C67) .....                                  | 5         | 2.9               | 6       | 5.7               | —       | —                 | —     | —                 |
| Brain (C70-C72) .....                                | 12        | 7.0               | 11      | 10.4              | —       | —                 | —     | —                 |
| Lymphatic (C81-C96) .....                            | 34        | 19.9              | 27      | 25.6              | 2       | 106.1             | 1     | 13.3              |
| Non-Hodgkin's lymphoma (C82-C85) .....               | 14        | 8.2               | 6       | 5.7               | —       | —                 | 1     | 13.3              |
| Leukemia (C91-C95) .....                             | 11        | 6.4               | 13      | 12.3              | 1       | 53.1              | —     | —                 |
| Benign & uncertain neoplasms (D00-D48) .....         | 5         | 2.9               | 6       | 5.7               | 1       | 53.1              | —     | —                 |
| Diabetes mellitus (E10-E14) .....                    | 49        | 28.7              | 41      | 38.9              | 1       | 53.1              | —     | —                 |
| Organic dementia (F01 F03) .....                     | 55        | 32.2              | 37      | 35.1              | 1       | 53.1              | 1     | 13.3              |
| Parkinson's disease (G20-G21) .....                  | 10        | 5.9               | 10      | 9.5               | —       | —                 | 2     | 26.6              |
| Alzheimer's disease (G30) .....                      | 57        | 33.4              | 49      | 46.5              | 1       | 53.1              | 2     | 26.6              |
| Diseases of the circulatory system (I00-I99) .....   | 331       | 193.9             | 401     | 380.5             | 12      | 636.6             | 20    | 265.8             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 237       | 138.8             | 287     | 272.3             | 8       | 424.4             | 15    | 199.3             |
| Ischemic heart disease (I20-I25) .....               | 142       | 83.2              | 167     | 158.5             | 4       | 212.2             | 9     | 119.6             |
| Cerebrovascular disease (I60-I69) .....              | 67        | 39.2              | 79      | 75.0              | 3       | 159.2             | 5     | 66.4              |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 11        | 6.4               | 14      | 13.3              | 2       | 106.1             | 1     | 13.3              |
| Cerebral infarction (I63) .....                      | 1         | 0.6               | 4       | 3.8               | —       | —                 | —     | —                 |
| Stroke of unspecified type (I64) .....               | 47        | 27.5              | 50      | 47.4              | 1       | 53.1              | 3     | 39.9              |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | 14        | 8.2               | 27      | 25.6              | —       | —                 | —     | —                 |
| Aortic aneurysm (I71) .....                          | 4         | 2.3               | 5       | 4.7               | —       | —                 | —     | —                 |
| Influenza & pneumonia (J09-J18) .....                | 12        | 7.0               | 18      | 17.1              | 1       | 53.1              | 2     | 26.6              |
| Chronic lower respiratory diseases (J40-J47) .....   | 76        | 44.5              | 88      | 83.5              | 2       | 106.1             | 4     | 53.2              |
| Diseases of the digestive system (K00-K92) .....     | 45        | 26.4              | 57      | 54.1              | —       | —                 | —     | —                 |
| Diseases of the genitourinary sys. (N00-N99) .....   | 10        | 5.9               | 23      | 21.8              | —       | —                 | 1     | 13.3              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | 7         | 4.1               | 16      | 15.2              | —       | —                 | —     | —                 |
| Perinatal conditions (P00-P96) .....                 | 2         | 1.2               | 2       | 1.9               | —       | —                 | —     | —                 |
| Congenital malformations (Q00-Q99) .....             | 3         | 1.8               | 3       | 2.8               | —       | —                 | —     | —                 |
| Sudden infant death syndrome (R95) .....             | —         | —                 | 2       | 1.9               | —       | —                 | —     | —                 |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 64        | 37.5              | 47      | 44.6              | —       | —                 | 6     | 79.7              |
| Suicide (X60-X84, Y87.0) .....                       | 25        | 14.6              | 23      | 21.8              | —       | —                 | 1     | 13.3              |
| Homicide (X85-Y09, Y87.1) .....                      | 4         | 2.3               | 2       | 1.9               | —       | —                 | —     | —                 |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | 2         | 1.2               | 2       | 1.9               | —       | —                 | —     | —                 |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | 24        | 14.1              | 13      | 12.3              | —       | —                 | —     | —                 |
| <i>Drug-induced</i> <sup>2</sup> .....               | 17        | 10.0              | 11      | 10.4              | —       | —                 | —     | —                 |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 16        | 9.4               | 18      | 17.1              | —       | —                 | —     | —                 |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009 — Continued**

| Selected Causes of Death<br>(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 .....  | 77     | 998.1             | 174        | 800.9             | 2,032   | 981.6             | 216       | 950.9             |
| Infections & parasitic disease (A00-B99) .....       | 1      | 13.0              | 1          | 4.6               | 45      | 21.7              | 6         | 26.4              |
| Septicemia (A40-A41) .....                           | —      | —                 | 1          | 4.6               | 16      | 7.7               | —         | —                 |
| Viral Hepatitis (B15-B19) .....                      | 1      | 13.0              | —          | —                 | 13      | 6.3               | 2         | 8.8               |
| HIV disease (B20-B24) .....                          | —      | —                 | —          | —                 | 1       | 0.5               | 2         | 8.8               |
| Malignant neoplasms (C00-C97) .....                  | 14     | 181.5             | 37         | 170.3             | 486     | 234.8             | 49        | 215.7             |
| Colon (C18) .....                                    | —      | —                 | 4          | 18.4              | 39      | 18.8              | 4         | 17.6              |
| Pancreas (C25) .....                                 | —      | —                 | 2          | 9.2               | 21      | 10.1              | 2         | 8.8               |
| Bronchus & lung (C34) .....                          | 5      | 64.8              | 10         | 46.0              | 135     | 65.2              | 11        | 48.4              |
| Skin (C43-44) .....                                  | —      | —                 | —          | —                 | 11      | 5.3               | —         | —                 |
| Breast (C50) .....                                   | —      | —                 | 2          | 9.2               | 24      | 11.6              | —         | —                 |
| Cervical (C53) .....                                 | —      | —                 | —          | —                 | 2       | 1.0               | —         | —                 |
| Uterine (C54-C55) .....                              | —      | —                 | —          | —                 | 10      | 4.8               | —         | —                 |
| Ovarian (C56) .....                                  | —      | —                 | 1          | 4.6               | 16      | 7.7               | 2         | 8.8               |
| Prostate (C61) .....                                 | 1      | 13.0              | 3          | 13.8              | 27      | 13.0              | 4         | 17.6              |
| Kidney & renal pelvis (C64-C65) .....                | 1      | 13.0              | 2          | 9.2               | 15      | 7.2               | 2         | 8.8               |
| Bladder (C67) .....                                  | —      | —                 | —          | —                 | 14      | 6.8               | 1         | 4.4               |
| Brain (C70-C72) .....                                | 2      | 25.9              | 3          | 13.8              | 8       | 3.9               | 4         | 17.6              |
| Lymphatic (C81-C96) .....                            | —      | —                 | 4          | 18.4              | 58      | 28.0              | 8         | 35.2              |
| Non-Hodgkin's lymphoma (C82-C85) .....               | —      | —                 | —          | —                 | 22      | 10.6              | 3         | 13.2              |
| Leukemia (C91-C95) .....                             | —      | —                 | 3          | 13.8              | 20      | 9.7               | 2         | 8.8               |
| Benign & uncertain neoplasms (D00-D48) .....         | 1      | 13.0              | 1          | 4.6               | 13      | 6.3               | 2         | 8.8               |
| Diabetes mellitus (E10-E14) .....                    | 1      | 13.0              | 2          | 9.2               | 57      | 27.5              | 8         | 35.2              |
| Organic dementia (F01 F03) .....                     | 7      | 90.7              | 9          | 41.4              | 96      | 46.4              | 13        | 57.2              |
| Parkinson's disease (G20-G21) .....                  | —      | —                 | 1          | 4.6               | 24      | 11.6              | 1         | 4.4               |
| Alzheimer's disease (G30) .....                      | —      | —                 | 9          | 41.4              | 99      | 47.8              | 8         | 35.2              |
| Diseases of the circulatory system (I00-I99) .....   | 27     | 350.0             | 53         | 244.0             | 556     | 268.6             | 44        | 193.7             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 19     | 246.3             | 39         | 179.5             | 384     | 185.5             | 30        | 132.1             |
| Ischemic heart disease (I20-I25) .....               | 15     | 194.4             | 19         | 87.5              | 230     | 111.1             | 20        | 88.0              |
| Cerebrovascular disease (I60-I69) .....              | 6      | 77.8              | 11         | 50.6              | 119     | 57.5              | 9         | 39.6              |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 1      | 13.0              | 3          | 13.8              | 20      | 9.7               | 4         | 17.6              |
| Cerebral infarction (I63) .....                      | —      | —                 | —          | —                 | 6       | 2.9               | —         | —                 |
| Stroke of unspecified type (I64) .....               | 1      | 13.0              | 8          | 36.8              | 72      | 34.8              | 4         | 17.6              |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | 1      | 13.0              | 1          | 4.6               | 26      | 12.6              | 1         | 4.4               |
| Aortic aneurysm (I71) .....                          | —      | —                 | —          | —                 | 7       | 3.4               | 1         | 4.4               |
| Influenza & pneumonia (J09-J18) .....                | —      | —                 | 6          | 27.6              | 37      | 17.9              | 4         | 17.6              |
| Chronic lower respiratory diseases (J40-J47) .....   | 7      | 90.7              | 8          | 36.8              | 145     | 70.0              | 12        | 52.8              |
| Diseases of the digestive system (K00-K92) .....     | 1      | 13.0              | 6          | 27.6              | 76      | 36.7              | 19        | 83.6              |
| Diseases of the genitourinary sys. (N00-N99) .....   | 1      | 13.0              | 9          | 41.4              | 33      | 15.9              | 5         | 22.0              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | —      | —                 | 5          | 23.0              | 17      | 8.2               | 4         | 17.6              |
| Perinatal conditions (P00-P96) .....                 | —      | —                 | —          | —                 | 4       | 1.9               | —         | —                 |
| Congenital malformations (Q00-Q99) .....             | —      | —                 | 2          | 9.2               | 7       | 3.4               | 1         | 4.4               |
| Sudden infant death syndrome (R95) .....             | —      | —                 | —          | —                 | 1       | 0.5               | —         | —                 |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 9      | 116.7             | 8          | 36.8              | 84      | 40.6              | 17        | 74.8              |
| Suicide (X60-X84, Y87.0) .....                       | 1      | 13.0              | 4          | 18.4              | 54      | 26.1              | 6         | 26.4              |
| Homicide (X85-Y09, Y87.1) .....                      | —      | —                 | 1          | 4.6               | 3       | 1.4               | 2         | 8.8               |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | —      | —                 | —          | —                 | 7       | 3.4               | 1         | 4.4               |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | —      | —                 | 6          | 27.6              | 28      | 13.5              | 10        | 44.0              |
| <i>Drug-induced</i> <sup>2</sup> .....               | 3      | 38.9              | —          | —                 | 31      | 15.0              | 4         | 17.6              |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 1      | 13.0              | 3          | 13.8              | 26      | 12.6              | 6         | 26.4              |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009 — Continued**

| Selected Causes of Death<br>(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 .....  | 1,084     | 1295.6            | 742     | 1118.3            | 84   | 1105.3            | 3,071 | 883.3             |
| Infections & parasitic disease (A00-B99) .....       | 24        | 28.7              | 19      | 28.6              | 1    | 13.2              | 69    | 19.8              |
| Septicemia (A40-A41) .....                           | 7         | 8.4               | 11      | 16.6              | —    | —                 | 34    | 9.8               |
| Viral Hepatitis (B15-B19) .....                      | 10        | 12.0              | 5       | 7.5               | 1    | 13.2              | 17    | 4.9               |
| HIV disease (B20-B24) .....                          | —         | —                 | —       | —                 | —    | —                 | 3     | 0.9               |
| Malignant neoplasms (C00-C97) .....                  | 243       | 290.4             | 156     | 235.1             | 15   | 197.4             | 733   | 210.8             |
| Colon (C18) .....                                    | 8         | 9.6               | 17      | 25.6              | —    | —                 | 53    | 15.2              |
| Pancreas (C25) .....                                 | 14        | 16.7              | 12      | 18.1              | 1    | 13.2              | 58    | 16.7              |
| Bronchus & lung (C34) .....                          | 67        | 80.1              | 47      | 70.8              | 4    | 52.6              | 198   | 56.9              |
| Skin (C43-44) .....                                  | 8         | 9.6               | 3       | 4.5               | —    | —                 | 14    | 4.0               |
| Breast (C50) .....                                   | 14        | 16.7              | 7       | 10.6              | —    | —                 | 50    | 14.4              |
| Cervical (C53) .....                                 | —         | —                 | —       | —                 | —    | —                 | 5     | 1.4               |
| Uterine (C54-C55) .....                              | 2         | 2.4               | 1       | 1.5               | —    | —                 | 4     | 1.2               |
| Ovarian (C56) .....                                  | 5         | 6.0               | 2       | 3.0               | —    | —                 | 21    | 6.0               |
| Prostate (C61) .....                                 | 14        | 16.7              | 12      | 18.1              | —    | —                 | 55    | 15.8              |
| Kidney & renal pelvis (C64-C65) .....                | 3         | 3.6               | 10      | 15.1              | —    | —                 | 13    | 3.7               |
| Bladder (C67) .....                                  | 16        | 19.1              | 2       | 3.0               | —    | —                 | 23    | 6.6               |
| Brain (C70-C72) .....                                | 7         | 8.4               | 7       | 10.6              | 1    | 13.2              | 27    | 7.8               |
| Lymphatic (C81-C96) .....                            | 27        | 32.3              | 11      | 16.6              | 1    | 13.2              | 73    | 21.0              |
| Non-Hodgkin's lymphoma (C82-C85) .....               | 10        | 12.0              | 4       | 6.0               | —    | —                 | 24    | 6.9               |
| Leukemia (C91-C95) .....                             | 9         | 10.8              | 4       | 6.0               | 1    | 13.2              | 35    | 10.1              |
| Benign & uncertain neoplasms (D00-D48) .....         | 10        | 12.0              | 9       | 13.6              | 2    | 26.3              | 35    | 10.1              |
| Diabetes mellitus (E10-E14) .....                    | 33        | 39.4              | 48      | 72.3              | 2    | 26.3              | 98    | 28.2              |
| Organic dementia (F01-F03) .....                     | 61        | 72.9              | 43      | 64.8              | 2    | 26.3              | 169   | 48.6              |
| Parkinson's disease (G20-G21) .....                  | 8         | 9.6               | 3       | 4.5               | 1    | 13.2              | 42    | 12.1              |
| Alzheimer's disease (G30) .....                      | 37        | 44.2              | 21      | 31.7              | 5    | 65.8              | 130   | 37.4              |
| Diseases of the circulatory system (I00-I99) .....   | 340       | 406.4             | 191     | 287.9             | 23   | 302.6             | 802   | 230.7             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 241       | 288.1             | 142     | 214.0             | 15   | 197.4             | 557   | 160.2             |
| Ischemic heart disease (I20-I25) .....               | 145       | 173.3             | 96      | 144.7             | 6    | 78.9              | 288   | 82.8              |
| Cerebrovascular disease (I60-I69) .....              | 78        | 93.2              | 33      | 49.7              | 6    | 78.9              | 163   | 46.9              |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 16        | 19.1              | 8       | 12.1              | 2    | 26.3              | 34    | 9.8               |
| Cerebral infarction (I63) .....                      | 1         | 1.2               | —       | —                 | —    | —                 | 5     | 1.4               |
| Stroke of unspecified type (I64) .....               | 42        | 50.2              | 17      | 25.6              | 4    | 52.6              | 85    | 24.4              |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | 11        | 13.1              | 6       | 9.0               | 1    | 13.2              | 51    | 14.7              |
| Aortic aneurysm (I71) .....                          | 5         | 6.0               | 4       | 6.0               | 1    | 13.2              | 11    | 3.2               |
| Influenza & pneumonia (J09-J18) .....                | 18        | 21.5              | 10      | 15.1              | 2    | 26.3              | 41    | 11.8              |
| Chronic lower respiratory diseases (J40-J47) .....   | 63        | 75.3              | 47      | 70.8              | 8    | 105.3             | 185   | 53.2              |
| Diseases of the digestive system (K00-K92) .....     | 42        | 50.2              | 36      | 54.3              | 3    | 39.5              | 140   | 40.3              |
| Diseases of the genitourinary sys. (N00-N99) .....   | 14        | 16.7              | 16      | 24.1              | —    | —                 | 55    | 15.8              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | 10        | 12.0              | 9       | 13.6              | —    | —                 | 31    | 8.9               |
| Perinatal conditions (P00-P96) .....                 | 5         | 6.0               | 8       | 12.1              | —    | —                 | 10    | 2.9               |
| Congenital malformations (Q00-Q99) .....             | 2         | 2.4               | 4       | 6.0               | —    | —                 | 7     | 2.0               |
| Sudden infant death syndrome (R95) .....             | —         | —                 | —       | —                 | —    | —                 | 4     | 1.2               |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 49        | 58.6              | 32      | 48.2              | 8    | 105.3             | 201   | 57.8              |
| Suicide (X60-X84, Y87.0) .....                       | 21        | 25.1              | 20      | 30.1              | —    | —                 | 67    | 19.3              |
| Homicide (X85-Y09, Y87.1) .....                      | 2         | 2.4               | 5       | 7.5               | —    | —                 | 9     | 2.6               |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | 4         | 4.8               | 2       | 3.0               | —    | —                 | 4     | 1.2               |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | 21        | 25.1              | 20      | 30.1              | 4    | 52.6              | 59    | 17.0              |
| <i>Drug-induced</i> <sup>2</sup> .....               | 15        | 17.9              | 6       | 9.0               | 1    | 13.2              | 81    | 23.3              |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 15        | 17.9              | 16      | 24.1              | —    | —                 | 39    | 11.2              |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009 — Continued**

| Selected Causes of Death<br>(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 .....  | 542     | 1212.5            | 1,171 | 1056.2            | 272     | 857.5             | 2,590  | 814.0             |
| Infections & parasitic disease (A00-B99) .....       | 15      | 33.6              | 27    | 24.4              | 4       | 12.6              | 53     | 16.7              |
| Septicemia (A40-A41) .....                           | 4       | 8.9               | 11    | 9.9               | 2       | 6.3               | 19     | 6.0               |
| Viral Hepatitis (B15-B19) .....                      | 2       | 4.5               | 9     | 8.1               | —       | —                 | 19     | 6.0               |
| HIV disease (B20-B24) .....                          | 2       | 4.5               | —     | —                 | 1       | 3.2               | 4      | 1.3               |
| Malignant neoplasms (C00-C97) .....                  | 138     | 308.7             | 266   | 239.9             | 66      | 208.1             | 564    | 177.3             |
| Colon (C18) .....                                    | 10      | 22.4              | 17    | 15.3              | 6       | 18.9              | 31     | 9.7               |
| Pancreas (C25) .....                                 | 6       | 13.4              | 12    | 10.8              | 4       | 12.6              | 26     | 8.2               |
| Bronchus & lung (C34) .....                          | 36      | 80.5              | 79    | 71.3              | 20      | 63.1              | 155    | 48.7              |
| Skin (C43-44) .....                                  | 3       | 6.7               | 8     | 7.2               | —       | —                 | 19     | 6.0               |
| Breast (C50) .....                                   | 9       | 20.1              | 24    | 21.6              | 3       | 9.5               | 32     | 10.1              |
| Cervical (C53) .....                                 | 2       | 4.5               | 2     | 1.8               | —       | —                 | 4      | 1.3               |
| Uterine (C54-C55) .....                              | 1       | 2.2               | 5     | 4.5               | —       | —                 | 10     | 3.1               |
| Ovarian (C56) .....                                  | 3       | 6.7               | 7     | 6.3               | —       | —                 | 17     | 5.3               |
| Prostate (C61) .....                                 | 8       | 17.9              | 13    | 11.7              | 4       | 12.6              | 30     | 9.4               |
| Kidney & renal pelvis (C64-C65) .....                | 1       | 2.2               | 7     | 6.3               | 3       | 9.5               | 18     | 5.7               |
| Bladder (C67) .....                                  | 8       | 17.9              | 12    | 10.8              | 4       | 12.6              | 12     | 3.8               |
| Brain (C70-C72) .....                                | 4       | 8.9               | 10    | 9.0               | 2       | 6.3               | 12     | 3.8               |
| Lymphatic (C81-C96) .....                            | 12      | 26.8              | 17    | 15.3              | 5       | 15.8              | 60     | 18.9              |
| Non-Hodgkin's lymphoma (C82-C85) .....               | 4       | 8.9               | 7     | 6.3               | 1       | 3.2               | 22     | 6.9               |
| Leukemia (C91-C95) .....                             | 3       | 6.7               | 7     | 6.3               | 3       | 9.5               | 23     | 7.2               |
| Benign & uncertain neoplasms (D00-D48) .....         | 3       | 6.7               | 16    | 14.4              | 1       | 3.2               | 19     | 6.0               |
| Diabetes mellitus (E10-E14) .....                    | 10      | 22.4              | 38    | 34.3              | 7       | 22.1              | 109    | 34.3              |
| Organic dementia (F01 F03) .....                     | 21      | 47.0              | 62    | 55.9              | 9       | 28.4              | 188    | 59.1              |
| Parkinson's disease (G20-G21) .....                  | 4       | 8.9               | 17    | 15.3              | 3       | 9.5               | 30     | 9.4               |
| Alzheimer's disease (G30) .....                      | 21      | 47.0              | 31    | 28.0              | 3       | 9.5               | 74     | 23.3              |
| Diseases of the circulatory system (I00-I99) .....   | 164     | 366.9             | 367   | 331.0             | 103     | 324.7             | 736    | 231.3             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 121     | 270.7             | 255   | 230.0             | 77      | 242.7             | 505    | 158.7             |
| Ischemic heart disease (I20-I25) .....               | 71      | 158.8             | 155   | 139.8             | 47      | 148.2             | 295    | 92.7              |
| Cerebrovascular disease (I60-I69) .....              | 31      | 69.4              | 67    | 60.4              | 18      | 56.7              | 164    | 51.5              |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 6       | 13.4              | 15    | 13.5              | 3       | 9.5               | 30     | 9.4               |
| Cerebral infarction (I63) .....                      | 4       | 8.9               | 2     | 1.8               | 1       | 3.2               | 4      | 1.3               |
| Stroke of unspecified type (I64) .....               | 13      | 29.1              | 39    | 35.2              | 7       | 22.1              | 83     | 26.1              |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | 5       | 11.2              | 23    | 20.7              | 3       | 9.5               | 30     | 9.4               |
| Aortic aneurysm (I71) .....                          | 4       | 8.9               | 14    | 12.6              | 2       | 6.3               | 11     | 3.5               |
| Influenza & pneumonia (J09-J18) .....                | 9       | 20.1              | 19    | 17.1              | 1       | 3.2               | 41     | 12.9              |
| Chronic lower respiratory diseases (J40-J47) .....   | 42      | 94.0              | 81    | 73.1              | 10      | 31.5              | 158    | 49.7              |
| Diseases of the digestive system (K00-K92) .....     | 34      | 76.1              | 34    | 30.7              | 6       | 18.9              | 105    | 33.0              |
| Diseases of the genitourinary sys. (N00-N99) .....   | 4       | 8.9               | 22    | 19.8              | 8       | 25.2              | 61     | 19.2              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | 3       | 6.7               | 14    | 12.6              | 5       | 15.8              | 41     | 12.9              |
| Perinatal conditions (P00-P96) .....                 | 2       | 4.5               | 5     | 4.5               | —       | —                 | 11     | 3.5               |
| Congenital malformations (Q00-Q99) .....             | 2       | 4.5               | 8     | 7.2               | 1       | 3.2               | 9      | 2.8               |
| Sudden infant death syndrome (R95) .....             | —       | —                 | —     | —                 | —       | —                 | 4      | 1.3               |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 28      | 62.6              | 50    | 45.1              | 14      | 44.1              | 132    | 41.5              |
| Suicide (X60-X84, Y87.0) .....                       | 10      | 22.4              | 21    | 18.9              | 2       | 6.3               | 48     | 15.1              |
| Homicide (X85-Y09, Y87.1) .....                      | —       | —                 | 2     | 1.8               | 1       | 3.2               | 7      | 2.2               |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | 1       | 2.2               | 3     | 2.7               | —       | —                 | 9      | 2.8               |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | 13      | 29.1              | 17    | 15.3              | 3       | 9.5               | 43     | 13.5              |
| <i>Drug-induced</i> <sup>2</sup> .....               | 12      | 26.8              | 20    | 18.0              | 5       | 15.8              | 49     | 15.4              |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 5       | 11.2              | 15    | 13.5              | —       | —                 | 29     | 9.1               |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009 — Continued**

| Selected Causes of Death<br>(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 .....  | 97     | 773.5             | 5,270     | 727.2             | 650  | 945.0             | 18      | 983.6             |
| Infections & parasitic disease (A00-B99) .....       | 1      | 8.0               | 133       | 18.4              | 8    | 11.6              | —       | —                 |
| Septicemia (A40-A41) .....                           | 1      | 8.0               | 37        | 5.1               | 3    | 4.4               | —       | —                 |
| Viral Hepatitis (B15-B19) .....                      | —      | —                 | 34        | 4.7               | 3    | 4.4               | —       | —                 |
| HIV disease (B20-B24) .....                          | —      | —                 | 23        | 3.2               | 1    | 1.5               | —       | —                 |
| Malignant neoplasms (C00-C97) .....                  | 23     | 183.4             | 1,223     | 168.8             | 160  | 232.6             | 5       | 273.2             |
| Colon (C18) .....                                    | 3      | 23.9              | 80        | 11.0              | 9    | 13.1              | —       | —                 |
| Pancreas (C25) .....                                 | —      | —                 | 83        | 11.5              | 11   | 16.0              | 1       | 54.6              |
| Bronchus & lung (C34) .....                          | 5      | 39.9              | 345       | 47.6              | 45   | 65.4              | 2       | 109.3             |
| Skin (C43-44) .....                                  | —      | —                 | 28        | 3.9               | 7    | 10.2              | —       | —                 |
| Breast (C50) .....                                   | 2      | 15.9              | 61        | 8.4               | 15   | 21.8              | —       | —                 |
| Cervical (C53) .....                                 | —      | —                 | 7         | 1.0               | —    | —                 | —       | —                 |
| Uterine (C54-C55) .....                              | —      | —                 | 16        | 2.2               | 3    | 4.4               | —       | —                 |
| Ovarian (C56) .....                                  | —      | —                 | 40        | 5.5               | 5    | 7.3               | —       | —                 |
| Prostate (C61) .....                                 | 3      | 23.9              | 61        | 8.4               | 3    | 4.4               | 1       | 54.6              |
| Kidney & renal pelvis (C64-C65) .....                | 2      | 15.9              | 18        | 2.5               | 3    | 4.4               | —       | —                 |
| Bladder (C67) .....                                  | —      | —                 | 27        | 3.7               | 5    | 7.3               | —       | —                 |
| Brain (C70-C72) .....                                | —      | —                 | 35        | 4.8               | 4    | 5.8               | —       | —                 |
| Lymphatic (C81-C96) .....                            | 3      | 23.9              | 118       | 16.3              | 13   | 18.9              | 1       | 54.6              |
| Non-Hodgkin's lymphoma (C82-C85) .....               | 1      | 8.0               | 43        | 5.9               | 2    | 2.9               | 1       | 54.6              |
| Leukemia (C91-C95) .....                             | —      | —                 | 55        | 7.6               | 8    | 11.6              | —       | —                 |
| Benign & uncertain neoplasms (D00-D48) .....         | —      | —                 | 34        | 4.7               | 6    | 8.7               | —       | —                 |
| Diabetes mellitus (E10-E14) .....                    | 5      | 39.9              | 182       | 25.1              | 24   | 34.9              | —       | —                 |
| Organic dementia (F01-F03) .....                     | 2      | 15.9              | 308       | 42.5              | 48   | 69.8              | 3       | 163.9             |
| Parkinson's disease (G20-G21) .....                  | 3      | 23.9              | 60        | 8.3               | 8    | 11.6              | —       | —                 |
| Alzheimer's disease (G30) .....                      | 2      | 15.9              | 186       | 25.7              | 22   | 32.0              | —       | —                 |
| Diseases of the circulatory system (I00-I99) .....   | 28     | 223.3             | 1,391     | 191.9             | 191  | 277.7             | 3       | 163.9             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 16     | 127.6             | 965       | 133.2             | 123  | 178.8             | 2       | 109.3             |
| Ischemic heart disease (I20-I25) .....               | 10     | 79.7              | 539       | 74.4              | 73   | 106.1             | 1       | 54.6              |
| Cerebrovascular disease (I60-I69) .....              | 10     | 79.7              | 301       | 41.5              | 41   | 59.6              | —       | —                 |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 2      | 15.9              | 58        | 8.0               | 4    | 5.8               | —       | —                 |
| Cerebral infarction (I63) .....                      | —      | —                 | 13        | 1.8               | 1    | 1.5               | —       | —                 |
| Stroke of unspecified type (I64) .....               | 6      | 47.8              | 159       | 21.9              | 29   | 42.2              | —       | —                 |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | 1      | 8.0               | 62        | 8.6               | 13   | 18.9              | 1       | 54.6              |
| Aortic aneurysm (I71) .....                          | 1      | 8.0               | 29        | 4.0               | 5    | 7.3               | —       | —                 |
| Influenza & pneumonia (J09-J18) .....                | 1      | 8.0               | 100       | 13.8              | 10   | 14.5              | —       | —                 |
| Chronic lower respiratory diseases (J40-J47) .....   | 10     | 79.7              | 304       | 41.9              | 30   | 43.6              | 5       | 273.2             |
| Diseases of the digestive system (K00-K92) .....     | 4      | 31.9              | 229       | 31.6              | 22   | 32.0              | —       | —                 |
| Diseases of the genitourinary sys. (N00-N99) .....   | 1      | 8.0               | 103       | 14.2              | 10   | 14.5              | 1       | 54.6              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | 1      | 8.0               | 69        | 9.5               | 8    | 11.6              | 1       | 54.6              |
| Perinatal conditions (P00-P96) .....                 | —      | —                 | 25        | 3.4               | 2    | 2.9               | —       | —                 |
| Congenital malformations (Q00-Q99) .....             | —      | —                 | 15        | 2.1               | 1    | 1.5               | —       | —                 |
| Sudden infant death syndrome (R95) .....             | —      | —                 | 5         | 0.7               | 2    | 2.9               | —       | —                 |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 6      | 47.8              | 301       | 41.5              | 31   | 45.1              | 1       | 54.6              |
| Suicide (X60-X84, Y87.0) .....                       | 1      | 8.0               | 111       | 15.3              | 13   | 18.9              | —       | —                 |
| Homicide (X85-Y09, Y87.1) .....                      | —      | —                 | 21        | 2.9               | 3    | 4.4               | —       | —                 |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | —      | —                 | 26        | 3.6               | 2    | 2.9               | —       | —                 |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | 2      | 15.9              | 109       | 15.0              | 7    | 10.2              | —       | —                 |
| <i>Drug-induced</i> <sup>2</sup> .....               | —      | —                 | 147       | 20.3              | 11   | 16.0              | —       | —                 |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 1      | 8.0               | 55        | 7.6               | 15   | 21.8              | —       | —                 |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009 — Continued**

| Selected Causes of Death<br>(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 .....  | 275       | 1052.4            | 631      | 871.2             | 275   | 1079.7            | 68      | 957.7             |
| Infections & parasitic disease (A00-B99) .....       | 3         | 11.5              | 9        | 12.4              | 8     | 31.4              | —       | —                 |
| Septicemia (A40-A41) .....                           | 1         | 3.8               | 1        | 1.4               | 2     | 7.9               | —       | —                 |
| Viral Hepatitis (B15-B19) .....                      | 2         | 7.7               | 2        | 2.8               | 2     | 7.9               | —       | —                 |
| HIV disease (B20-B24) .....                          | —         | —                 | —        | —                 | —     | —                 | —       | —                 |
| Malignant neoplasms (C00-C97) .....                  | 74        | 283.2             | 133      | 183.6             | 74    | 290.5             | 17      | 239.4             |
| Colon (C18) .....                                    | 10        | 38.3              | 12       | 16.6              | 6     | 23.6              | 1       | 14.1              |
| Pancreas (C25) .....                                 | 3         | 11.5              | 9        | 12.4              | 3     | 11.8              | —       | —                 |
| Bronchus & lung (C34) .....                          | 21        | 80.4              | 33       | 45.6              | 18    | 70.7              | 5       | 70.4              |
| Skin (C43-44) .....                                  | 2         | 7.7               | 6        | 8.3               | 3     | 11.8              | 1       | 14.1              |
| Breast (C50) .....                                   | 7         | 26.8              | 9        | 12.4              | 5     | 19.6              | 1       | 14.1              |
| Cervical (C53) .....                                 | 2         | 7.7               | 1        | 1.4               | —     | —                 | —       | —                 |
| Uterine (C54-C55) .....                              | 2         | 7.7               | —        | —                 | 1     | 3.9               | —       | —                 |
| Ovarian (C56) .....                                  | 1         | 3.8               | 2        | 2.8               | 2     | 7.9               | 1       | 14.1              |
| Prostate (C61) .....                                 | 2         | 7.7               | 7        | 9.7               | 2     | 7.9               | 1       | 14.1              |
| Kidney & renal pelvis (C64-C65) .....                | 1         | 3.8               | 4        | 5.5               | 2     | 7.9               | 2       | 28.2              |
| Bladder (C67) .....                                  | 1         | 3.8               | 2        | 2.8               | 4     | 15.7              | —       | —                 |
| Brain (C70-C72) .....                                | —         | —                 | 3        | 4.1               | 4     | 15.7              | —       | —                 |
| Lymphatic (C81-C96) .....                            | 9         | 34.4              | 13       | 17.9              | 5     | 19.6              | —       | —                 |
| Non-Hodgkin's lymphoma (C82-C85) .....               | 5         | 19.1              | 11       | 15.2              | 2     | 7.9               | —       | —                 |
| Leukemia (C91-C95) .....                             | 4         | 15.3              | 2        | 2.8               | 3     | 11.8              | —       | —                 |
| Benign & uncertain neoplasms (D00-D48) .....         | —         | —                 | 5        | 6.9               | 2     | 7.9               | —       | —                 |
| Diabetes mellitus (E10-E14) .....                    | 7         | 26.8              | 26       | 35.9              | 9     | 35.3              | —       | —                 |
| Organic dementia (F01 F03) .....                     | 13        | 49.8              | 20       | 27.6              | 12    | 47.1              | 2       | 28.2              |
| Parkinson's disease (G20-G21) .....                  | 1         | 3.8               | 4        | 5.5               | 2     | 7.9               | 2       | 28.2              |
| Alzheimer's disease (G30) .....                      | 14        | 53.6              | 22       | 30.4              | 8     | 31.4              | —       | —                 |
| Diseases of the circulatory system (I00-I99) .....   | 77        | 294.7             | 188      | 259.6             | 63    | 247.3             | 18      | 253.5             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 54        | 206.7             | 126      | 174.0             | 39    | 153.1             | 14      | 197.2             |
| Ischemic heart disease (I20-I25) .....               | 38        | 145.4             | 83       | 114.6             | 27    | 106.0             | 8       | 112.7             |
| Cerebrovascular disease (I60-I69) .....              | 21        | 80.4              | 44       | 60.7              | 20    | 78.5              | 2       | 28.2              |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 2         | 7.7               | 9        | 12.4              | 4     | 15.7              | —       | —                 |
| Cerebral infarction (I63) .....                      | 1         | 3.8               | 2        | 2.8               | 1     | 3.9               | —       | —                 |
| Stroke of unspecified type (I64) .....               | 13        | 49.8              | 21       | 29.0              | 12    | 47.1              | —       | —                 |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | —         | —                 | 11       | 15.2              | 1     | 3.9               | —       | —                 |
| Aortic aneurysm (I71) .....                          | 1         | 3.8               | 1        | 1.4               | 1     | 3.9               | 2       | 28.2              |
| Influenza & pneumonia (J09-J18) .....                | 5         | 19.1              | 10       | 13.8              | 11    | 43.2              | 2       | 28.2              |
| Chronic lower respiratory diseases (J40-J47) .....   | 25        | 95.7              | 48       | 66.3              | 19    | 74.6              | 8       | 112.7             |
| Diseases of the digestive system (K00-K92) .....     | 17        | 65.1              | 26       | 35.9              | 10    | 39.3              | 2       | 28.2              |
| Diseases of the genitourinary sys. (N00-N99) .....   | 3         | 11.5              | 18       | 24.9              | 6     | 23.6              | 4       | 56.3              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | 2         | 7.7               | 14       | 19.3              | 4     | 15.7              | 4       | 56.3              |
| Perinatal conditions (P00-P96) .....                 | 1         | 3.8               | 2        | 2.8               | 2     | 7.9               | —       | —                 |
| Congenital malformations (Q00-Q99) .....             | 1         | 3.8               | 2        | 2.8               | 1     | 3.9               | 2       | 28.2              |
| Sudden infant death syndrome (R95) .....             | —         | —                 | 1        | 1.4               | —     | —                 | —       | —                 |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 12        | 45.9              | 31       | 42.8              | 14    | 55.0              | 5       | 70.4              |
| Suicide (X60-X84, Y87.0) .....                       | 4         | 15.3              | 13       | 17.9              | 3     | 11.8              | 1       | 14.1              |
| Homicide (X85-Y09, Y87.1) .....                      | —         | —                 | 3        | 4.1               | 3     | 11.8              | —       | —                 |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | 2         | 7.7               | 2        | 2.8               | —     | —                 | —       | —                 |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | 6         | 23.0              | 7        | 9.7               | 5     | 19.6              | 1       | 14.1              |
| <i>Drug-induced</i> <sup>2</sup> .....               | 1         | 3.8               | 8        | 11.0              | 1     | 3.9               | —       | —                 |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 3         | 11.5              | 7        | 9.7               | 5     | 19.6              | 3       | 42.3              |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.

**TABLE 6-41. Selected Causes of Death by County, Oregon Residents, 2009 — Continued**

| Selected Causes of Death<br>(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 .....  | 278   | 1147.3            | 2,792      | 529.7             | 19      | 1198.7            | 755     | 792.7             |
| Infections & parasitic disease (A00-B99) .....       | 8     | 33.0              | 38         | 7.2               | —       | —                 | 11      | 11.5              |
| Septicemia (A40-A41) .....                           | 5     | 20.6              | 13         | 2.5               | —       | —                 | 7       | 7.3               |
| Viral Hepatitis (B15-B19) .....                      | 2     | 8.3               | 6          | 1.1               | —       | —                 | 2       | 2.1               |
| HIV disease (B20-B24) .....                          | —     | —                 | 2          | 0.4               | —       | —                 | —       | —                 |
| Malignant neoplasms (C00-C97) .....                  | 54    | 222.9             | 697        | 132.2             | 5       | 315.5             | 168     | 176.4             |
| Colon (C18) .....                                    | 3     | 12.4              | 39         | 7.4               | 1       | 63.1              | 14      | 14.7              |
| Pancreas (C25) .....                                 | 1     | 4.1               | 38         | 7.2               | —       | —                 | 16      | 16.8              |
| Bronchus & lung (C34) .....                          | 12    | 49.5              | 169        | 32.1              | —       | —                 | 47      | 49.3              |
| Skin (C43-44) .....                                  | 1     | 4.1               | 22         | 4.2               | —       | —                 | 6       | 6.3               |
| Breast (C50) .....                                   | 3     | 12.4              | 63         | 12.0              | —       | —                 | 13      | 13.6              |
| Cervical (C53) .....                                 | 1     | 4.1               | 4          | 0.8               | —       | —                 | 3       | 3.1               |
| Uterine (C54-C55) .....                              | 2     | 8.3               | 13         | 2.5               | —       | —                 | —       | —                 |
| Ovarian (C56) .....                                  | 1     | 4.1               | 24         | 4.6               | —       | —                 | 6       | 6.3               |
| Prostate (C61) .....                                 | 7     | 28.9              | 40         | 7.6               | 1       | 63.1              | 10      | 10.5              |
| Kidney & renal pelvis (C64-C65) .....                | 1     | 4.1               | 11         | 2.1               | 1       | 63.1              | 3       | 3.1               |
| Bladder (C67) .....                                  | 3     | 12.4              | 13         | 2.5               | —       | —                 | 3       | 3.1               |
| Brain (C70-C72) .....                                | 2     | 8.3               | 29         | 5.5               | —       | —                 | 3       | 3.1               |
| Lymphatic (C81-C96) .....                            | 4     | 16.5              | 69         | 13.1              | —       | —                 | 15      | 15.7              |
| Non-Hodgkin's lymphoma (C82-C85) .....               | 2     | 8.3               | 26         | 4.9               | —       | —                 | 9       | 9.4               |
| Leukemia (C91-C95) .....                             | 2     | 8.3               | 28         | 5.3               | —       | —                 | 4       | 4.2               |
| Benign & uncertain neoplasms (D00-D48) .....         | 2     | 8.3               | 16         | 3.0               | —       | —                 | 6       | 6.3               |
| Diabetes mellitus (E10-E14) .....                    | 5     | 20.6              | 94         | 17.8              | 1       | 63.1              | 33      | 34.6              |
| Organic dementia (F01-F03) .....                     | 26    | 107.3             | 162        | 30.7              | —       | —                 | 42      | 44.1              |
| Parkinson's disease (G20-G21) .....                  | 5     | 20.6              | 36         | 6.8               | —       | —                 | 8       | 8.4               |
| Alzheimer's disease (G30) .....                      | 16    | 66.0              | 108        | 20.5              | —       | —                 | 32      | 33.6              |
| Diseases of the circulatory system (I00-I99) .....   | 87    | 359.1             | 784        | 148.7             | 8       | 504.7             | 214     | 224.7             |
| Heart Disease (I00-I09, I11, I13, I20-I51) .....     | 61    | 251.8             | 536        | 101.7             | 4       | 252.4             | 147     | 154.3             |
| Ischemic heart disease (I20-I25) .....               | 33    | 136.2             | 306        | 58.0              | 4       | 252.4             | 83      | 87.1              |
| Cerebrovascular disease (I60-I69) .....              | 20    | 82.5              | 183        | 34.7              | 4       | 252.4             | 40      | 42.0              |
| Intracerebral hemorrhage, etc. (I61-I62) .....       | 7     | 28.9              | 40         | 7.6               | —       | —                 | 13      | 13.6              |
| Cerebral infarction (I63) .....                      | 1     | 4.1               | 5          | 0.9               | —       | —                 | 3       | 3.1               |
| Stroke of unspecified type (I64) .....               | 11    | 45.4              | 98         | 18.6              | 3       | 189.3             | 13      | 13.6              |
| Hypertension & hyp. renal dis. (I10, I12, I15) ..... | 3     | 12.4              | 41         | 7.8               | —       | —                 | 16      | 16.8              |
| Aortic aneurysm (I71) .....                          | 2     | 8.3               | 11         | 2.1               | —       | —                 | 5       | 5.2               |
| Influenza & pneumonia (J09-J18) .....                | 3     | 12.4              | 40         | 7.6               | —       | —                 | 15      | 15.7              |
| Chronic lower respiratory diseases (J40-J47) .....   | 21    | 86.7              | 149        | 28.3              | 3       | 189.3             | 55      | 57.7              |
| Diseases of the digestive system (K00-K92) .....     | 6     | 24.8              | 117        | 22.2              | —       | —                 | 29      | 30.4              |
| Diseases of the genitourinary sys. (N00-N99) .....   | 7     | 28.9              | 47         | 8.9               | —       | —                 | 11      | 11.5              |
| Nephritis (N00-N07, N17-N19, N25-N27) .....          | 6     | 24.8              | 32         | 6.1               | —       | —                 | 5       | 5.2               |
| Perinatal conditions (P00-P96) .....                 | —     | —                 | 14         | 2.7               | —       | —                 | 2       | 2.1               |
| Congenital malformations (Q00-Q99) .....             | —     | —                 | 11         | 2.1               | —       | —                 | 3       | 3.1               |
| Sudden infant death syndrome (R95) .....             | 1     | 4.1               | 5          | 0.9               | —       | —                 | 1       | 1.0               |
| Unintentional injuries (V01-X59, Y85-Y86) .....      | 10    | 41.3              | 125        | 23.7              | 1       | 63.1              | 37      | 38.8              |
| Suicide (X60-X84, Y87.0) .....                       | 3     | 12.4              | 55         | 10.4              | —       | —                 | 13      | 13.6              |
| Homicide (X85-Y09, Y87.1) .....                      | 2     | 8.3               | 14         | 2.7               | —       | —                 | 2       | 2.1               |
| Undetermined intent (Y10-Y34, Y87.2, Y89.9) .....    | —     | —                 | 8          | 1.5               | —       | —                 | 4       | 4.2               |
| <i>Alcohol-induced</i> <sup>2</sup> .....            | 6     | 24.8              | 45         | 8.5               | —       | —                 | 9       | 9.4               |
| <i>Drug-induced</i> <sup>2</sup> .....               | 1     | 4.1               | 44         | 8.3               | —       | —                 | 11      | 11.5              |
| <i>Injury by firearms</i> <sup>2</sup> .....         | 4     | 16.5              | 41         | 7.8               | —       | —                 | 12      | 12.6              |

<sup>1</sup> Rate per 100,000 population. WARNING: Rates based on less than 5 events are unreliable.

<sup>2</sup> See Table 6-6, footnotes 35-39, for a list of included conditions and their ICD codes.

— Quantity is zero.