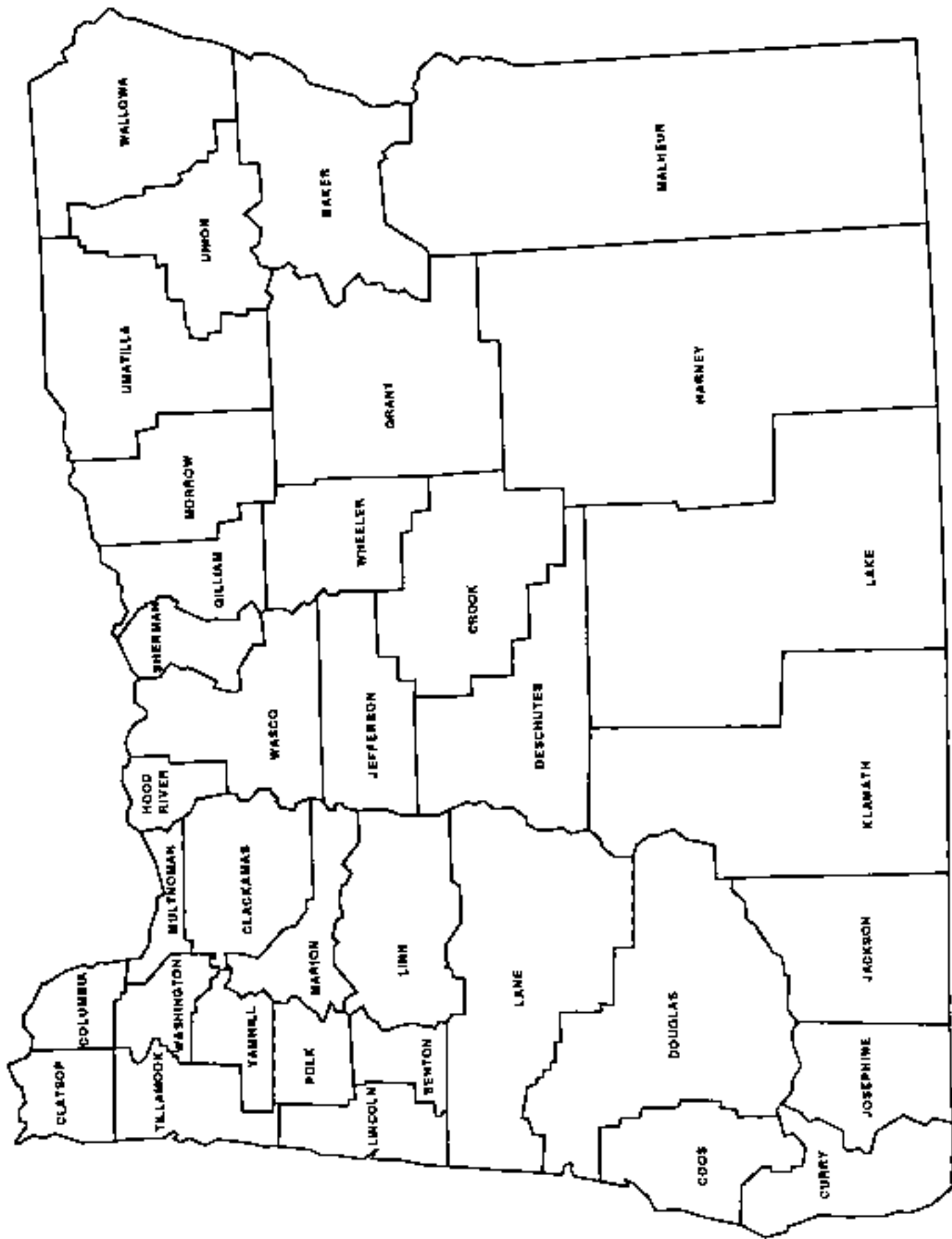


Oregon Vital Statistics County Data 1999



Health Division
Center for Disease Prevention and Epidemiology
Center for Health Statistics



Oregon
Vital Statistics
County Data
1999

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

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TABLE 1.
Population, Births and Deaths by
County of Residence, Oregon, 1999

| County of Residence | Estimated Population as of July 1, 1999 | Total Births | Birth Rate ¹ | Total Deaths | Death Rate ¹ |
|---------------------|---|--------------|-------------------------|--------------|-------------------------|
| Total | 3,300,800 | 45,193 | 13.7 | 29,356 | 8.9 |
| Baker | 16,700 | 170 | §10.2 | 208 | §12.5 |
| Benton | 77,100 | 821 | §10.6 | 456 | §5.9 |
| Clackamas | 326,850 | 4,107 | §12.6 | 2,449 | §7.5 |
| Clatsop | 34,750 | 376 | §10.8 | 379 | §10.9 |
| Columbia | 42,650 | 571 | 13.4 | 371 | 8.7 |
| Coos | 61,350 | 647 | §10.5 | 841 | §13.7 |
| Crook | 16,800 | 216 | 12.9 | 170 | 10.1 |
| Curry | 22,050 | 141 | §6.4 | 332 | §15.1 |
| Deschutes | 106,700 | 1,316 | §12.3 | 840 | §7.9 |
| Douglas | 100,850 | 1,120 | §11.1 | 1,168 | §11.6 |
| Gilliam | 2,100 | 18 | 8.6 | 18 | 8.6 |
| Grant | 8,000 | 78 | §9.8 | 92 | §11.5 |
| Harney | 7,600 | 92 | 12.1 | 82 | 10.8 |
| Hood River | 19,700 | 338 | §17.2 | 162 | 8.2 |
| Jackson | 174,550 | 2,079 | §11.9 | 1,804 | §10.3 |
| Jefferson | 17,650 | 297 | §16.8 | 155 | 8.8 |
| Josephine | 73,400 | 832 | §11.3 | 963 | §13.1 |
| Klamath | 62,300 | 813 | 13.0 | 668 | §10.7 |
| Lake | 7,400 | 66 | §8.9 | 90 | §12.2 |
| Lane | 315,700 | 3,752 | §11.9 | 2,821 | 8.9 |
| Lincoln | 43,350 | 423 | §9.8 | 543 | §12.5 |
| Linn | 103,000 | 1,458 | 14.2 | 1,006 | §9.8 |
| Malheur | 30,700 | 499 | §16.3 | 245 | 8.0 |
| Marion | 275,250 | 4,545 | §16.5 | 2,436 | 8.9 |
| Morrow | 9,550 | 180 | §18.8 | 76 | 8.0 |
| Multnomah | 646,850 | 9,212 | §14.2 | 5,690 | 8.8 |
| Polk | 60,100 | 651 | §10.8 | 509 | 8.5 |
| Sherman | 1,900 | 16 | 8.4 | 20 | 10.5 |
| Tillamook | 24,100 | 215 | §8.9 | 306 | §12.7 |
| Umatilla | 68,000 | 1,132 | §16.6 | 599 | 8.8 |
| Union | 24,500 | 313 | 12.8 | 248 | 10.1 |
| Wallowa | 7,200 | 59 | §8.2 | 84 | §11.7 |
| Wasco | 22,650 | 283 | 12.5 | 294 | §13.0 |
| Washington | 404,750 | 7,100 | §17.5 | 2,535 | §6.3 |
| Wheeler | 1,600 | 12 | §7.5 | 19 | 11.9 |
| Yamhill | 83,100 | 1,245 | §15.0 | 677 | §8.1 |

¹ All rates per 1,000 population.

§ Rate is significantly different than state rate.

TABLE 2.
Resident Births by Maternal Hispanic Origin, Race, and
County of Residence, Oregon, 1999

| County of Residence | Total Births | Hispanic | | | Non-Hispanic | | | |
|---------------------|--------------|----------|-------|-------|--------------|------------------|--------|-------------|
| | | Total | White | Other | White | African American | Indian | Other Races |
| Total Births | 45,193 | 6,902 | 6,804 | 98 | 34,221 | 877 | 654 | 2,163 |
| Baker | 170 | 6 | 6 | - | 163 | - | 1 | - |
| Benton | 821 | 65 | 65 | - | 678 | 9 | 11 | 57 |
| Clackamas | 4,107 | 383 | 375 | 8 | 3,472 | 33 | 38 | 165 |
| Clatsop | 376 | 40 | 39 | 1 | 328 | 1 | 3 | 3 |
| Columbia | 571 | 10 | 10 | - | 538 | - | 7 | 10 |
| Coos | 647 | 36 | 35 | 1 | 577 | 2 | 21 | 10 |
| Crook | 216 | 16 | 16 | - | 193 | - | 5 | 2 |
| Curry | 141 | 7 | 7 | - | 125 | 1 | 6 | 1 |
| Deschutes | 1,316 | 75 | 74 | 1 | 1,207 | 5 | 11 | 18 |
| Douglas | 1,120 | 64 | 57 | 7 | 1,020 | 3 | 19 | 13 |
| Gilliam | 18 | 2 | 2 | - | 16 | - | - | - |
| Grant | 78 | 1 | 1 | - | 77 | - | - | - |
| Harney | 92 | 4 | 4 | - | 79 | - | 5 | 3 |
| Hood River | 338 | 142 | 142 | - | 192 | 1 | - | 2 |
| Jackson | 2,079 | 280 | 277 | 3 | 1,716 | 14 | 23 | 39 |
| Jefferson | 297 | 95 | 86 | 9 | 118 | - | 81 | 1 |
| Josephine | 832 | 62 | 62 | - | 745 | 3 | 10 | 10 |
| Klamath | 813 | 117 | 111 | 6 | 634 | 7 | 41 | 14 |
| Lake | 66 | 7 | 7 | - | 58 | - | 1 | - |
| Lane | 3,752 | 247 | 242 | 5 | 3,144 | 38 | 40 | 108 |
| Lincoln | 423 | 50 | 50 | - | 352 | 1 | 17 | 3 |
| Linn | 1,458 | 101 | 100 | 1 | 1,296 | - | 28 | 26 |
| Malheur | 499 | 205 | 203 | 2 | 283 | 3 | 3 | 4 |
| Marion | 4,545 | 1,364 | 1,351 | 13 | 2,889 | 29 | 47 | 146 |
| Morrow | 180 | 80 | 79 | 1 | 97 | - | 3 | - |
| Multnomah | 9,212 | 1,306 | 1,280 | 26 | 6,305 | 657 | 100 | 794 |
| Polk | 651 | 102 | 101 | 1 | 517 | - | 9 | 13 |
| Sherman | 16 | 1 | 1 | - | 15 | - | - | - |
| Tillamook | 215 | 26 | 26 | - | 183 | - | 3 | 3 |
| Umatilla | 1,132 | 312 | 310 | 2 | 745 | 5 | 53 | 13 |
| Union | 313 | 8 | 7 | 1 | 293 | - | 3 | 9 |
| Wallowa | 59 | - | - | - | 59 | - | - | - |
| Wasco | 283 | 61 | 60 | 1 | 210 | - | 8 | 3 |
| Washington | 7,100 | 1,382 | 1,374 | 8 | 4,918 | 65 | 43 | 677 |
| Wheeler | 12 | 2 | 2 | - | 10 | - | - | - |
| Yamhill | 1,245 | 243 | 242 | 1 | 969 | - | 14 | 16 |

- Quantity is zero.

Note: The sum of the subsets may not equal the total because of unknown ethnicity.

TABLE 3.
Births to Unmarried Mothers by County of Residence,
Oregon, 1999

| County of Residence | Total Births | Number Unmarried | Rate Unmarried ¹ |
|---------------------|--------------|------------------|-----------------------------|
| Total | 45,193 | 13,738 | 304.0 |
| Baker | 170 | 53 | 311.8 |
| Benton | 821 | 169 | §205.8 |
| Clackamas | 4,107 | 965 | §235.0 |
| Clatsop | 376 | 132 | 351.1 |
| Columbia | 571 | 156 | 273.2 |
| Coos | 647 | 240 | §370.9 |
| Crook | 216 | 66 | 305.6 |
| Curry | 141 | 47 | 333.3 |
| Deschutes | 1,316 | 338 | §256.8 |
| Douglas | 1,120 | 428 | §382.1 |
| Gilliam | 18 | 3 | 166.7 |
| Grant | 78 | 20 | 256.4 |
| Harney | 92 | 26 | 282.6 |
| Hood River | 338 | 48 | §142.0 |
| Jackson | 2,079 | 655 | 315.1 |
| Jefferson | 297 | 116 | §390.6 |
| Josephine | 832 | 324 | §389.4 |
| Klamath | 813 | 285 | §350.6 |
| Lake | 66 | 18 | 272.7 |
| Lane | 3,752 | 1,247 | §332.4 |
| Lincoln | 423 | 195 | §461.0 |
| Linn | 1,458 | 474 | 325.1 |
| Malheur | 499 | 161 | 322.6 |
| Marion | 4,545 | 1,632 | §359.1 |
| Morrow | 180 | 63 | 350.0 |
| Multnomah | 9,212 | 3,191 | §346.4 |
| Polk | 651 | 189 | 290.3 |
| Sherman | 16 | 4 | 250.0 |
| Tillamook | 215 | 72 | 334.9 |
| Umatilla | 1,132 | 392 | §346.3 |
| Union | 313 | 95 | 303.5 |
| Wallowa | 59 | 15 | 254.2 |
| Wasco | 283 | 87 | 307.4 |
| Washington | 7,100 | 1,470 | §207.0 |
| Wheeler | 12 | 4 | 333.3 |
| Yamhill | 1,245 | 358 | 287.6 |

¹ All rates per 1,000 births.

§ Rate is significantly different than state rate.

Rates are calculated excluding missing and unknown values.

TABLE 4.
Resident Births by Age of Mother and County of Residence, Oregon 1999

| County of Residence | Total Births | Mother's Age | | | | | | | | |
|---------------------|--------------|--------------|-------|--------|--------|-------|-------|-------|------|------|
| | | < 15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 + | N.S. |
| Total | 45,193 | 86 | 5,491 | 11,896 | 12,603 | 9,459 | 4,575 | 1,015 | 65 | 3 |
| Baker | 170 | 1 | 32 | 49 | 43 | 33 | 10 | 2 | - | - |
| Benton | 821 | - | 55 | 202 | 218 | 216 | 104 | 25 | 1 | - |
| Clackamas | 4,107 | 1 | 365 | 980 | 1,112 | 983 | 536 | 123 | 7 | - |
| Clatsop | 376 | - | 63 | 99 | 108 | 62 | 36 | 8 | - | - |
| Columbia | 571 | - | 68 | 145 | 155 | 133 | 55 | 15 | - | - |
| Coos | 647 | 2 | 109 | 208 | 162 | 114 | 48 | 4 | - | - |
| Crook | 216 | 1 | 30 | 73 | 75 | 25 | 11 | 1 | - | - |
| Curry | 141 | - | 18 | 57 | 33 | 13 | 17 | 3 | - | - |
| Deschutes | 1,316 | 2 | 166 | 350 | 353 | 278 | 141 | 24 | 2 | - |
| Douglas | 1,120 | 3 | 225 | 348 | 252 | 195 | 74 | 19 | 4 | - |
| Gilliam | 18 | - | 0 | 4 | 9 | 3 | 1 | 1 | - | - |
| Grant | 78 | - | 10 | 25 | 26 | 7 | 8 | 2 | - | - |
| Harney | 92 | - | 21 | 24 | 24 | 12 | 9 | 2 | - | - |
| Hood River | 338 | - | 30 | 98 | 84 | 81 | 36 | 8 | 1 | - |
| Jackson | 2,079 | 1 | 266 | 642 | 588 | 350 | 172 | 58 | 2 | - |
| Jefferson | 297 | 3 | 61 | 96 | 76 | 45 | 14 | 1 | 1 | - |
| Josephine | 832 | 2 | 121 | 253 | 227 | 139 | 77 | 12 | 1 | - |
| Klamath | 813 | 1 | 134 | 259 | 220 | 128 | 54 | 16 | 1 | - |
| Lake | 66 | - | 8 | 16 | 27 | 10 | 3 | 2 | - | - |
| Lane | 3,752 | 10 | 487 | 1,035 | 1,058 | 683 | 378 | 98 | 3 | - |
| Lincoln | 423 | 1 | 61 | 127 | 119 | 64 | 43 | 8 | - | - |
| Linn | 1,458 | 4 | 223 | 423 | 440 | 232 | 110 | 26 | - | - |
| Malheur | 499 | 1 | 88 | 164 | 133 | 71 | 36 | 5 | 1 | - |
| Marion | 4,545 | 13 | 684 | 1,338 | 1,262 | 792 | 374 | 75 | 6 | 1 |
| Morrow | 180 | - | 27 | 62 | 47 | 30 | 12 | 2 | - | - |
| Multnomah | 9,212 | 20 | 1,023 | 2,211 | 2,522 | 2,112 | 1,058 | 249 | 16 | 1 |
| Polk | 651 | - | 88 | 187 | 179 | 120 | 54 | 20 | 3 | - |
| Sherman | 16 | - | - | 8 | 4 | 4 | - | - | - | - |
| Tillamook | 215 | 1 | 38 | 62 | 62 | 34 | 16 | 2 | - | - |
| Umatilla | 1,132 | 7 | 197 | 321 | 328 | 185 | 77 | 15 | 2 | - |
| Union | 313 | 1 | 53 | 116 | 79 | 32 | 28 | 4 | - | - |
| Wallowa | 59 | - | 8 | 11 | 18 | 11 | 9 | 2 | - | - |
| Wasco | 283 | - | 42 | 89 | 76 | 53 | 18 | 5 | - | - |
| Washington | 7,100 | 8 | 521 | 1,458 | 2,140 | 1,964 | 846 | 152 | 11 | - |
| Wheeler | 12 | - | - | 8 | 1 | 3 | - | - | - | - |
| Yamhill | 1,245 | 3 | 169 | 348 | 343 | 242 | 110 | 26 | 3 | 1 |

- Quantity is zero.

TABLE 5.
Resident Births to Unmarried Mothers by Age of Mother and County of Residence,
Oregon, 1999

| County of Residence | Total | Mother's Age | | | | | | | | |
|---------------------|--------|--------------|-------|-------|-------|-------|-------|-------|------|------|
| | | < 15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45 + | N.S. |
| Total | 13,738 | 83 | 4,184 | 4,847 | 2,557 | 1,254 | 642 | 157 | 12 | 2 |
| Baker | 53 | 1 | 22 | 14 | 10 | 3 | 3 | - | - | - |
| Benton | 169 | - | 46 | 65 | 31 | 13 | 11 | 2 | 1 | - |
| Clackamas | 965 | 1 | 275 | 356 | 183 | 92 | 50 | 8 | - | - |
| Clatsop | 132 | - | 47 | 38 | 33 | 12 | 1 | 1 | - | - |
| Columbia | 156 | - | 50 | 55 | 23 | 17 | 9 | 2 | - | - |
| Coos | 240 | 2 | 80 | 86 | 40 | 24 | 8 | - | - | - |
| Crook | 66 | 1 | 17 | 21 | 18 | 6 | 3 | - | - | - |
| Curry | 47 | - | 15 | 20 | 4 | 2 | 5 | 1 | - | - |
| Deschutes | 338 | 2 | 111 | 112 | 51 | 37 | 23 | 2 | - | - |
| Douglas | 428 | 3 | 170 | 145 | 60 | 34 | 10 | 4 | 2 | - |
| Gilliam | 3 | - | - | 2 | 1 | - | - | - | - | - |
| Grant | 20 | - | 10 | 6 | 1 | - | 3 | - | - | - |
| Harney | 26 | - | 12 | 8 | 1 | 2 | 2 | 1 | - | - |
| Hood River | 48 | - | 17 | 18 | 7 | 4 | 1 | 1 | - | - |
| Jackson | 655 | 1 | 200 | 250 | 113 | 49 | 32 | 9 | 1 | - |
| Jefferson | 116 | 3 | 44 | 40 | 18 | 8 | 3 | - | - | - |
| Josephine | 324 | 2 | 102 | 121 | 57 | 25 | 15 | 2 | - | - |
| Klamath | 285 | 1 | 97 | 102 | 49 | 25 | 10 | 1 | - | - |
| Lake | 18 | - | 6 | 4 | 6 | 1 | - | 1 | - | - |
| Lane | 1,247 | 10 | 384 | 455 | 237 | 86 | 54 | 20 | 1 | - |
| Lincoln | 195 | 1 | 50 | 80 | 33 | 18 | 10 | 3 | - | - |
| Linn | 474 | 4 | 176 | 145 | 72 | 44 | 25 | 8 | - | - |
| Malheur | 161 | - | 56 | 58 | 22 | 14 | 10 | 1 | - | - |
| Marion | 1,632 | 12 | 528 | 557 | 307 | 140 | 65 | 21 | 1 | 1 |
| Morrow | 63 | - | 21 | 30 | 9 | 2 | 1 | - | - | - |
| Multnomah | 3,191 | 20 | 837 | 1,093 | 658 | 352 | 180 | 45 | 5 | 1 |
| Polk | 189 | - | 65 | 69 | 29 | 18 | 5 | 3 | - | - |
| Sherman | 4 | - | - | 3 | 1 | - | - | - | - | - |
| Tillamook | 72 | 1 | 28 | 27 | 12 | 2 | 2 | - | - | - |
| Umatilla | 392 | 6 | 127 | 135 | 71 | 31 | 19 | 2 | 1 | - |
| Union | 95 | 1 | 37 | 37 | 14 | 4 | - | 2 | - | - |
| Wallowa | 15 | - | 5 | 5 | 3 | 1 | 1 | - | - | - |
| Wasco | 87 | - | 36 | 33 | 10 | 7 | 1 | - | - | - |
| Washington | 1,470 | 8 | 393 | 528 | 320 | 143 | 65 | 13 | - | - |
| Wheeler | 4 | - | - | 3 | - | 1 | - | - | - | - |
| Yamhill | 358 | 3 | 120 | 126 | 53 | 37 | 15 | 4 | - | - |

- Quantity is zero.

TABLE 6.
Resident Births by Order of Live Births, Oregon, 1999

| County of Residence | Total Births | Birth Order | | | | | | | | |
|---------------------|--------------|-------------|--------|-------|-------|-------|-----|-----|-----|------|
| | | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8 + | Unk. |
| Total | 45,193 | 18,381 | 14,720 | 7,243 | 2,829 | 1,125 | 416 | 208 | 182 | 89 |
| Baker | 170 | 53 | 53 | 42 | 10 | 4 | 1 | 1 | 1 | 5 |
| Benton | 821 | 375 | 263 | 112 | 48 | 13 | 6 | 1 | 3 | - |
| Clackamas | 4,107 | 1,650 | 1,393 | 667 | 234 | 88 | 25 | 21 | 23 | 6 |
| Clatsop | 376 | 161 | 111 | 52 | 31 | 13 | 5 | 2 | 1 | - |
| Columbia | 571 | 201 | 202 | 100 | 33 | 24 | 4 | 3 | 4 | - |
| Coos | 647 | 262 | 225 | 100 | 35 | 18 | 4 | - | 3 | - |
| Crook | 216 | 90 | 76 | 24 | 14 | 7 | 3 | 1 | 1 | - |
| Curry | 141 | 54 | 54 | 16 | 12 | 2 | 2 | 1 | - | - |
| Deschutes | 1,316 | 530 | 472 | 203 | 72 | 27 | 7 | 5 | - | - |
| Douglas | 1,120 | 455 | 334 | 207 | 76 | 34 | 6 | 6 | 2 | - |
| Gilliam | 18 | 7 | 3 | 7 | - | 1 | - | - | - | - |
| Grant | 78 | 29 | 26 | 17 | 3 | 3 | - | - | - | - |
| Hamey | 92 | 37 | 28 | 15 | 6 | 3 | 2 | - | - | 1 |
| Hood River | 338 | 117 | 127 | 59 | 24 | 7 | 2 | 2 | - | - |
| Jackson | 2,079 | 844 | 673 | 343 | 136 | 49 | 16 | 11 | 6 | 1 |
| Jefferson | 297 | 100 | 100 | 51 | 28 | 12 | 4 | 2 | - | - |
| Josephine | 832 | 332 | 272 | 135 | 57 | 21 | 7 | 3 | 2 | 3 |
| Klamath | 813 | 276 | 293 | 145 | 63 | 18 | 11 | 5 | 2 | - |
| Lake | 66 | 18 | 23 | 18 | 7 | - | - | - | - | - |
| Lane | 3,752 | 1,582 | 1,283 | 558 | 207 | 72 | 29 | 12 | 7 | 2 |
| Lincoln | 423 | 187 | 124 | 67 | 34 | 7 | 1 | 2 | 1 | - |
| Linn | 1,458 | 585 | 470 | 241 | 95 | 41 | 11 | 8 | 7 | - |
| Malheur | 499 | 162 | 160 | 89 | 37 | 28 | 9 | 9 | 5 | - |
| Marion | 4,545 | 1,707 | 1,382 | 802 | 373 | 151 | 69 | 26 | 30 | 5 |
| Morrow | 180 | 71 | 49 | 29 | 15 | 11 | 4 | - | - | 1 |
| Multnomah | 9,212 | 4,011 | 2,914 | 1,303 | 542 | 220 | 94 | 48 | 52 | 28 |
| Polk | 651 | 248 | 225 | 117 | 41 | 8 | 5 | 2 | 5 | - |
| Sherman | 16 | 3 | 10 | 2 | 1 | - | - | - | - | - |
| Tillamook | 215 | 89 | 64 | 35 | 20 | 6 | 1 | - | - | - |
| Umatilla | 1,132 | 395 | 355 | 224 | 73 | 36 | 10 | 6 | 8 | 25 |
| Union | 313 | 148 | 86 | 50 | 14 | 11 | 3 | 1 | - | - |
| Wallowa | 59 | 23 | 17 | 9 | 9 | - | - | - | - | 1 |
| Wasco | 283 | 116 | 77 | 60 | 16 | 12 | 1 | - | - | 1 |
| Washington | 7,100 | 3,003 | 2,345 | 1,120 | 384 | 143 | 61 | 24 | 14 | 6 |
| Wheeler | 12 | 5 | 4 | 2 | - | - | - | 1 | - | - |
| Yamhill | 1,245 | 455 | 427 | 222 | 79 | 35 | 13 | 5 | 5 | 4 |

- Quantity is zero.

TABLE 7.
Births by Reported Use of Illicit Substances, Alcohol, or Tobacco, and County of Residence, Oregon, 1999

| County of Residence | Total Births | Tobacco Used | | Alcohol Used | | Illicit Drugs Used | | | |
|---------------------|--------------|--------------|------|--------------|------|--------------------|-----|----------|----------|
| | | Number | % | Number | % | Number | % | Mentions | |
| | | | | | | | | Single | Multiple |
| Total | 45,193 | 6,492 | 14.5 | 824 | 1.9 | 466 | 1.0 | 283 | 183 |
| Baker | 170 | 51 | 30.2 | 2 | 1.2 | 2 | 1.2 | 2 | - |
| Benton | 821 | 80 | 9.8 | 15 | 1.8 | 4 | 0.5 | 1 | 3 |
| Clackamas | 4,107 | 551 | 13.5 | 76 | 1.9 | 28 | 0.7 | 19 | 9 |
| Clatsop | 376 | 79 | 21.1 | 3 | 0.8 | 9 | 2.4 | 3 | 6 |
| Columbia | 571 | 105 | 18.6 | 9 | 2.1 | 1 | 0.2 | - | 1 |
| Coos | 647 | 174 | 27.0 | 14 | 2.2 | 24 | 3.7 | 11 | 13 |
| Crook | 216 | 45 | 20.8 | 5 | 2.3 | - | - | - | - |
| Curry | 141 | 33 | 29.7 | 1 | 0.9 | 5 | 3.5 | 3 | 2 |
| Deschutes | 1,316 | 166 | 12.7 | 17 | 1.3 | - | - | - | - |
| Douglas | 1,120 | 291 | 26.2 | 38 | 3.4 | 1 | 0.1 | - | 1 |
| Gilliam | 18 | 3 | 16.7 | 2 | 11.1 | - | - | - | - |
| Grant | 78 | 8 | 10.3 | 1 | 1.3 | - | - | - | - |
| Harney | 92 | 12 | 13.6 | 6 | 6.8 | - | - | - | - |
| Hood River | 338 | 30 | 8.9 | 3 | 0.9 | - | - | - | - |
| Jackson | 2,079 | 326 | 15.9 | 44 | 2.1 | 26 | 1.3 | 20 | 6 |
| Jefferson | 297 | 40 | 13.6 | 14 | 4.8 | 4 | 1.3 | 4 | - |
| Josephine | 832 | 194 | 23.5 | 14 | 1.7 | 34 | 4.1 | 30 | 4 |
| Klamath | 813 | 173 | 21.4 | 23 | 2.8 | 16 | 2.0 | 6 | 10 |
| Lake | 66 | 16 | 24.6 | - | - | - | - | - | - |
| Lane | 3,752 | 602 | 16.3 | 40 | 1.1 | 10 | 0.3 | 5 | 5 |
| Lincoln | 423 | 101 | 24.1 | 6 | 1.4 | 3 | 0.7 | 3 | - |
| Linn | 1,458 | 358 | 24.8 | 68 | 4.7 | 32 | 2.2 | 14 | 18 |
| Malheur | 499 | 37 | 7.5 | 4 | 0.8 | 3 | 0.6 | 3 | - |
| Marion | 4,545 | 629 | 14.1 | 116 | 2.6 | 106 | 2.3 | 46 | 60 |
| Morrow | 180 | 22 | 12.4 | 1 | 0.6 | 1 | 0.6 | - | 1 |
| Multnomah | 9,212 | 1,240 | 13.6 | 169 | 1.9 | 109 | 1.2 | 80 | 29 |
| Polk | 651 | 85 | 13.3 | 18 | 2.8 | 15 | 2.3 | 9 | 6 |
| Sherman | 16 | 5 | 31.3 | - | - | - | - | - | - |
| Tillamook | 215 | 54 | 25.4 | 5 | 2.3 | 1 | 0.5 | - | 1 |
| Umatilla | 1,132 | 137 | 12.2 | 14 | 1.7 | 13 | 1.1 | 10 | 3 |
| Union | 313 | 49 | 15.7 | 1 | 0.3 | - | - | - | - |
| Wallowa | 59 | 17 | 28.8 | 2 | 3.6 | 2 | 3.4 | 1 | 1 |
| Wasco | 283 | 45 | 16.0 | 5 | 1.8 | 1 | 0.4 | 1 | - |
| Washington | 7,100 | 540 | 7.6 | 73 | 1.0 | 11 | 0.2 | 8 | 3 |
| Wheeler | 12 | 1 | 8.3 | - | - | - | - | - | - |
| Yamhill | 1,245 | 193 | 15.8 | 15 | 1.2 | 5 | 0.4 | 4 | 1 |

- Quantity is zero.

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

NOTE: Percent illicit drug use is percent of total births where illicit drug use mentioned. Percentages for tobacco use and alcohol use exclude missing and unknown values from the rate calculation.

TABLE 8.
Prenatal Care by Mother's County of Residence,
Oregon Residents, 1999

| County of Residence | Total Births | First Trimester Care | | Inadequate Prenatal Care ¹ | |
|---------------------|--------------|----------------------|---------|---------------------------------------|---------|
| | | Number | Percent | Number | Percent |
| Total | 45,193 | 36,414 | 80.9 | 2,409 | 5.4 |
| Baker | 170 | 141 | 82.9 | 2 | 1.2 |
| Benton | 821 | 714 | 87.0 | 24 | 2.9 |
| Clackamas | 4,107 | 3,413 | 83.5 | 186 | §4.6 |
| Clatsop | 376 | 309 | 82.4 | 7 | 1.9 |
| Columbia | 571 | 469 | 82.6 | 26 | 4.6 |
| Coos | 647 | 464 | §72.2 | 52 | 8.1 |
| Crook | 216 | 163 | 75.5 | 7 | 3.2 |
| Curry | 141 | 101 | 72.1 | 11 | 7.9 |
| Deschutes | 1,316 | 1,099 | 83.5 | 39 | 3.0 |
| Douglas | 1,120 | 945 | 84.5 | 47 | 4.2 |
| Gilliam | 18 | 16 | 88.9 | - | - |
| Grant | 78 | 58 | 74.4 | 4 | 5.1 |
| Harney | 92 | 69 | 75.0 | 7 | 7.6 |
| Hood River | 338 | 280 | 82.8 | 11 | 3.3 |
| Jackson | 2,079 | 1,648 | 79.9 | 107 | 5.2 |
| Jefferson | 297 | 207 | §69.7 | 38 | §12.8 |
| Josephine | 832 | 656 | 79.5 | 38 | 4.7 |
| Klamath | 813 | 606 | 75.0 | 43 | 5.4 |
| Lake | 66 | 46 | 69.7 | 5 | 7.6 |
| Lane | 3,752 | 2,934 | 78.3 | 234 | 6.2 |
| Lincoln | 423 | 345 | 82.5 | 28 | 6.7 |
| Linn | 1,458 | 1,161 | 79.8 | 75 | 5.2 |
| Malheur | 499 | 357 | §72.3 | 29 | 5.9 |
| Marion | 4,545 | 3,336 | §74.1 | 414 | §9.3 |
| Morrow | 180 | 122 | §67.8 | 20 | 11.2 |
| Multnomah | 9,212 | 7,324 | 79.9 | 563 | §6.2 |
| Polk | 651 | 541 | 83.6 | 23 | 3.6 |
| Sherman | 16 | 12 | 75.0 | 1 | 6.3 |
| Tillamook | 215 | 185 | 86.0 | 7 | 3.3 |
| Umatilla | 1,132 | 800 | §71.1 | 83 | 7.5 |
| Union | 313 | 253 | 81.1 | 10 | 3.2 |
| Wallowa | 59 | 48 | 81.4 | 2 | 3.4 |
| Wasco | 283 | 241 | 85.2 | 9 | 3.2 |
| Washington | 7,100 | 6,349 | §89.6 | 197 | §2.8 |
| Wheeler | 12 | 10 | 90.9 | 1 | 9.1 |
| Yamhill | 1,245 | 992 | 80.1 | 59 | 4.8 |

- Number of events equals zero.

¹ Less than 5 prenatal visits or care began in the third trimester.

§ Percent is significantly different than state.

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

NOTE: Rates and percentages are calculated excluding missing and unknown values.

TABLE 9.
Prenatal Care by Resident County for Unmarried Mothers,
Oregon Residents, 1999

| County of Residence | Total | First Trimester Care | | Inadequate Prenatal Care ¹ | |
|---------------------|--------|----------------------|---------|---------------------------------------|---------|
| | | Number | Percent | Number | Percent |
| Total | 13,738 | 9,435 | 69.2 | 1,331 | 9.8 |
| Baker | 53 | 44 | 83.0 | - | - |
| Benton | 169 | 128 | 75.7 | 12 | 7.1 |
| Clackamas | 965 | 698 | 73.0 | 84 | 8.8 |
| Clatsop | 132 | 94 | 71.8 | 4 | 3.0 |
| Columbia | 156 | 107 | 69.9 | 13 | 8.7 |
| Coos | 240 | 152 | 63.6 | 30 | 12.6 |
| Crook | 66 | 46 | 69.7 | 3 | 4.5 |
| Curry | 47 | 25 | 54.3 | 8 | 17.4 |
| Deschutes | 338 | 238 | 70.4 | 22 | 6.5 |
| Douglas | 428 | 324 | 76.1 | 29 | 6.8 |
| Gilliam | 3 | * | * | * | * |
| Grant | 20 | 13 | 65.0 | 3 | 15.0 |
| Harney | 26 | 16 | 61.5 | 6 | 23.1 |
| Hood River | 48 | 34 | 70.8 | 3 | 6.3 |
| Jackson | 655 | 442 | 68.0 | 66 | 10.2 |
| Jefferson | 116 | 64 | 55.2 | 26 | 22.4 |
| Josephine | 324 | 228 | 71.5 | 22 | 7.0 |
| Klamath | 285 | 189 | 66.8 | 25 | 8.9 |
| Lake | 18 | 8 | 44.4 | - | - |
| Lane | 1,247 | 818 | 65.8 | 134 | 10.8 |
| Lincoln | 195 | 144 | 75.4 | 19 | 10.1 |
| Linn | 474 | 321 | 67.9 | 49 | 10.3 |
| Malheur | 161 | 91 | 58.0 | 13 | 8.2 |
| Marion | 1,632 | 1,029 | §64.0 | 218 | §13.7 |
| Morrow | 63 | 30 | 47.6 | 13 | 20.6 |
| Multnomah | 3,191 | 2,226 | 70.3 | 321 | 10.2 |
| Polk | 189 | 133 | 70.7 | 14 | 7.6 |
| Sherman | 4 | * | * | * | * |
| Tillamook | 72 | 53 | 73.6 | 4 | 5.6 |
| Umatilla | 392 | 228 | §58.5 | 47 | 12.2 |
| Union | 95 | 68 | 71.6 | 3 | 3.2 |
| Wallowa | 15 | 10 | 66.7 | 1 | 6.7 |
| Wasco | 87 | 68 | 78.2 | 3 | 3.4 |
| Washington | 1,470 | 1,117 | §76.2 | 107 | §7.3 |
| Wheeler | 4 | * | * | * | * |
| Yamhill | 358 | 244 | 68.7 | 28 | 7.9 |

* Detailed reporting of small numbers may breach confidentiality.

¹ Less than 5 prenatal visits or care began in the third trimester.

§ Percent is significantly different than state.

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

NOTE: Rates and percentages are calculated excluding missing and unknown values.

TABLE 10.
Resident Births by Month Prenatal Care Began, Oregon, 1999

| County of Residence | Total Births | Month Prenatal Care Began | | | | | | | | | | |
|---------------------|--------------|---------------------------|-------|--------|--------|-------|-------|-------|-----|-----|-----|------|
| | | No Care | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | Unk. |
| Total | 45,193 | 327 | 6,070 | 20,027 | 10,317 | 3,759 | 2,003 | 1,158 | 744 | 426 | 161 | 201 |
| Baker | 170 | - | 38 | 71 | 32 | 13 | 9 | 5 | 2 | - | - | - |
| Benton | 821 | 4 | 20 | 442 | 252 | 59 | 22 | 10 | 5 | 6 | 1 | - |
| Clackamas | 4,107 | 39 | 839 | 1,846 | 728 | 307 | 163 | 77 | 43 | 27 | 19 | 19 |
| Clatsop | 376 | - | 52 | 164 | 93 | 37 | 20 | 6 | 2 | 1 | - | 1 |
| Columbia | 571 | 7 | 72 | 277 | 120 | 46 | 20 | 12 | 4 | 5 | 5 | 3 |
| Coos | 647 | 4 | 11 | 228 | 225 | 97 | 28 | 20 | 9 | 14 | 7 | 4 |
| Crook | 216 | 1 | 17 | 104 | 42 | 27 | 12 | 10 | - | 2 | 1 | - |
| Curry | 141 | 2 | 6 | 50 | 45 | 19 | 9 | 4 | 3 | 1 | 1 | 1 |
| Deschutes | 1,316 | 5 | 25 | 709 | 365 | 110 | 47 | 29 | 13 | 9 | 4 | - |
| Douglas | 1,120 | 5 | 60 | 656 | 229 | 89 | 33 | 23 | 19 | 3 | 1 | 2 |
| Gilliam | 18 | - | 4 | 7 | 5 | - | - | 2 | - | - | - | - |
| Grant | 78 | - | 3 | 39 | 16 | 9 | 8 | 1 | - | 2 | - | - |
| Hamey | 92 | 4 | 3 | 36 | 30 | 12 | 5 | - | 2 | - | - | - |
| Hood River | 338 | 1 | 21 | 135 | 124 | 30 | 9 | 11 | 5 | 2 | - | - |
| Jackson | 2,079 | 8 | 156 | 1,050 | 442 | 188 | 105 | 51 | 38 | 16 | 8 | 17 |
| Jefferson | 297 | 6 | 7 | 118 | 82 | 40 | 18 | 13 | 8 | 5 | - | - |
| Josephine | 832 | 6 | 37 | 398 | 221 | 93 | 38 | 13 | 12 | 3 | 4 | 7 |
| Klamath | 813 | 3 | 20 | 288 | 298 | 99 | 45 | 28 | 19 | 6 | 2 | 5 |
| Lake | 66 | - | 8 | 26 | 12 | 11 | 4 | 1 | 2 | 2 | - | - |
| Lane | 3,752 | 32 | 286 | 1,564 | 1,084 | 342 | 176 | 104 | 83 | 66 | 10 | 5 |
| Lincoln | 423 | 4 | 74 | 183 | 88 | 31 | 16 | 8 | 10 | 4 | - | 5 |
| Linn | 1,458 | 7 | 38 | 672 | 451 | 134 | 61 | 43 | 23 | 17 | 9 | 3 |
| Malheur | 499 | 4 | 29 | 220 | 108 | 62 | 34 | 19 | 12 | 5 | 1 | 5 |
| Marion | 4,545 | 55 | 528 | 1,879 | 929 | 429 | 307 | 178 | 125 | 53 | 20 | 42 |
| Morrow | 180 | 5 | 12 | 44 | 66 | 19 | 13 | 9 | 6 | 3 | 3 | - |
| Multnomah | 9,212 | 70 | 1,207 | 4,148 | 1,969 | 728 | 441 | 288 | 178 | 102 | 32 | 49 |
| Polk | 651 | 4 | 57 | 351 | 133 | 46 | 28 | 13 | 11 | 3 | 1 | 4 |
| Sherman | 16 | - | 1 | 8 | 3 | 3 | - | - | 1 | - | - | - |
| Tillamook | 215 | 3 | 44 | 95 | 46 | 18 | 4 | 3 | 2 | - | - | - |
| Umatilla | 1,132 | 12 | 82 | 323 | 395 | 147 | 72 | 37 | 29 | 15 | 13 | 7 |
| Union | 313 | 2 | 24 | 139 | 90 | 26 | 21 | 6 | 2 | - | 2 | 1 |
| Wallowa | 59 | - | 4 | 29 | 15 | 3 | 3 | 3 | 1 | 1 | - | - |
| Wasco | 283 | 2 | 64 | 112 | 65 | 16 | 13 | 7 | 3 | 1 | - | - |
| Washington | 7,100 | 22 | 2,107 | 3,062 | 1,180 | 334 | 170 | 98 | 57 | 42 | 14 | 14 |
| Wheeler | 12 | - | 1 | 7 | 2 | 1 | - | - | - | - | - | 1 |
| Yamhill | 1,245 | 10 | 113 | 547 | 332 | 134 | 49 | 26 | 15 | 10 | 3 | 6 |

- Quantity is zero.

* Detailed reporting of small numbers may breach confidentiality.

TABLE 11.
Maternal Risk Factors by County of Residence, Oregon, 1999

| County of Residence | Live Births | Percent of Births with Risk Factor | | | | | | | |
|---------------------|-------------|------------------------------------|----------|----------|----------------|--------------------------------------|------------------|-----------|-------------|
| | | Inadequate Care | Age < 18 | Age ≥ 35 | 4+ Live Births | Minority Race/Ethnicity ¹ | < 12 Years Educ. | Unmarried | Tobacco Use |
| Total | 45,193 | 5.4 | 4.2 | 12.5 | 10.6 | 23.5 | 20.8 | 30.4 | 14.5 |
| Baker | 170 | 1.2 | 5.3 | 7.1 | 10.3 | 4.1 | 24.4 | 31.2 | 30.2 |
| Benton | 821 | 2.9 | 2.8 | 15.8 | 8.6 | 17.3 | 9.2 | 20.6 | 9.8 |
| Clackamas | 4,107 | 4.6 | 2.7 | 16.2 | 9.5 | 15.1 | 14.8 | 23.5 | 13.5 |
| Clatsop | 376 | 1.9 | 4.8 | 11.7 | 13.8 | 12.5 | 22.0 | 35.1 | 21.1 |
| Columbia | 571 | 4.6 | 2.6 | 12.3 | 11.9 | 4.8 | 15.0 | 27.3 | 18.6 |
| Coos | 647 | 8.1 | 5.3 | 8.0 | 9.3 | 10.7 | 21.6 | 37.1 | 27.0 |
| Crook | 216 | 3.2 | 2.8 | 5.6 | 12.0 | 10.6 | 25.5 | 30.6 | 20.8 |
| Curry | 141 | 7.9 | 3.5 | 14.2 | 12.1 | 10.6 | 24.5 | 33.3 | 29.7 |
| Deschutes | 1,316 | 3.0 | 3.3 | 12.7 | 8.4 | 8.3 | 13.6 | 25.7 | 12.7 |
| Douglas | 1,120 | 4.2 | 6.9 | 8.7 | 11.1 | 8.8 | 23.2 | 38.2 | 26.2 |
| Gilliam | 18 | - | - | 11.1 | 5.6 | 11.1 | 11.1 | 16.7 | 16.7 |
| Grant | 78 | 5.1 | 3.8 | 12.8 | 7.7 | 1.3 | 6.4 | 25.6 | 10.3 |
| Harney | 92 | 7.6 | 9.8 | 12.0 | 12.1 | 12.2 | 19.8 | 28.3 | 13.6 |
| Hood River | 338 | 3.3 | 2.7 | 13.3 | 10.4 | 43.0 | 37.6 | 14.2 | 8.9 |
| Jackson | 2,079 | 5.2 | 4.1 | 11.2 | 10.5 | 17.2 | 22.1 | 31.5 | 15.9 |
| Jefferson | 297 | 12.8 | 9.4 | 5.4 | 15.5 | 59.9 | 44.0 | 39.1 | 13.6 |
| Josephine | 832 | 4.7 | 6.6 | 10.8 | 10.9 | 10.3 | 21.5 | 38.9 | 23.5 |
| Klamath | 813 | 5.4 | 5.7 | 8.7 | 12.2 | 22.0 | 27.2 | 35.1 | 21.4 |
| Lake | 66 | 7.6 | 1.5 | 7.6 | 10.6 | 12.1 | 21.5 | 27.3 | 24.6 |
| Lane | 3,752 | 6.2 | 4.2 | 12.8 | 8.7 | 11.6 | 16.0 | 33.2 | 16.3 |
| Lincoln | 423 | 6.7 | 5.4 | 12.1 | 10.6 | 16.8 | 25.2 | 46.1 | 24.1 |
| Linn | 1,458 | 5.2 | 4.9 | 9.3 | 11.1 | 10.6 | 21.2 | 32.5 | 24.8 |
| Malheur | 499 | 5.9 | 4.0 | 8.4 | 17.6 | 43.2 | 34.9 | 32.3 | 7.5 |
| Marion | 4,545 | 9.3 | 5.3 | 10.0 | 14.3 | 35.3 | 31.4 | 35.9 | 14.1 |
| Morrow | 180 | 11.2 | 8.3 | 7.8 | 16.8 | 46.1 | 38.8 | 35.0 | 12.4 |
| Multnomah | 9,212 | 6.2 | 4.2 | 14.4 | 10.4 | 31.1 | 20.9 | 34.6 | 13.6 |
| Polk | 651 | 3.6 | 4.6 | 11.8 | 9.4 | 19.3 | 18.6 | 29.0 | 13.3 |
| Sherman | 16 | 6.3 | - | - | 6.3 | 6.3 | 31.3 | 25.0 | 31.3 |
| Tillamook | 215 | 3.3 | 7.4 | 8.4 | 12.6 | 14.9 | 21.4 | 33.5 | 25.4 |
| Umatilla | 1,132 | 7.5 | 6.7 | 8.3 | 12.0 | 33.9 | 29.6 | 34.6 | 12.2 |
| Union | 313 | 3.2 | 5.8 | 10.2 | 9.3 | 6.4 | 13.9 | 30.4 | 15.7 |
| Wallowa | 59 | 3.4 | 5.1 | 18.6 | 15.5 | - | 10.7 | 25.4 | 28.8 |
| Wasco | 283 | 3.2 | 6.4 | 8.1 | 10.3 | 25.5 | 28.7 | 30.7 | 16.0 |
| Washington | 7,100 | 2.8 | 2.4 | 14.2 | 8.8 | 30.6 | 16.3 | 20.7 | 7.6 |
| Wheeler | 12 | 9.1 | - | - | 8.3 | 16.7 | 9.1 | 33.3 | 8.3 |
| Yamhill | 1,245 | 4.8 | 4.7 | 11.2 | 11.0 | 22.0 | 23.8 | 28.8 | 15.8 |

- Quantity is zero.

NOTE: Risk factors expressed as a percentage of mothers within each risk category. Rates and percentages are calculated excluding missing and unknown values.

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

¹ Includes nonwhite race and Hispanic ethnicity.

TABLE 12.
Risk Count Frequencies, by County of Residence, Oregon, 1999

| County of Residence | Live Births | Number of Risk Factors (Count) | | | | | | |
|---------------------|-------------|--------------------------------|--------|-------|-------|-------|------|-----|
| | | Zero | One | Two | Three | Four | Five | Six |
| Total | 45,193 | 16,225 | 13,196 | 8,718 | 4,692 | 1,925 | 410 | 27 |
| Baker | 170 | 68 | 45 | 33 | 15 | 9 | - | - |
| Benton | 821 | 387 | 253 | 108 | 51 | 19 | 2 | 1 |
| Clackamas | 4,107 | 1,749 | 1,202 | 733 | 301 | 97 | 24 | 1 |
| Clatsop | 376 | 129 | 116 | 67 | 47 | 15 | 2 | - |
| Columbia | 571 | 259 | 170 | 83 | 45 | 11 | 2 | 1 |
| Coos | 647 | 225 | 186 | 122 | 72 | 36 | 6 | - |
| Crook | 216 | 81 | 68 | 37 | 23 | 6 | 1 | - |
| Curry | 141 | 45 | 45 | 29 | 13 | 6 | 2 | 1 |
| Deschutes | 1,316 | 609 | 408 | 185 | 87 | 22 | 5 | - |
| Douglas | 1,120 | 382 | 320 | 220 | 141 | 48 | 9 | - |
| Gilliam | 18 | 9 | 6 | 2 | 1 | - | - | - |
| Grant | 78 | 41 | 22 | 10 | 5 | - | - | - |
| Harney | 92 | 36 | 30 | 11 | 10 | 2 | 3 | - |
| Hood River | 338 | 108 | 92 | 82 | 38 | 13 | 5 | - |
| Jackson | 2,079 | 781 | 600 | 392 | 198 | 88 | 19 | 1 |
| Jefferson | 297 | 50 | 68 | 76 | 52 | 43 | 6 | 2 |
| Josephine | 832 | 269 | 264 | 159 | 101 | 33 | 6 | - |
| Klamath | 813 | 258 | 212 | 194 | 96 | 38 | 14 | 1 |
| Lake | 66 | 26 | 17 | 13 | 9 | 1 | - | - |
| Lane | 3,752 | 1,448 | 1,179 | 658 | 317 | 128 | 20 | 2 |
| Lincoln | 423 | 117 | 125 | 82 | 68 | 28 | 3 | - |
| Linn | 1,458 | 566 | 364 | 290 | 173 | 51 | 13 | 1 |
| Malheur | 499 | 151 | 101 | 121 | 92 | 26 | 6 | 2 |
| Marion | 4,545 | 1,222 | 1,213 | 1,071 | 643 | 314 | 77 | 5 |
| Morrow | 180 | 39 | 40 | 52 | 31 | 16 | 2 | - |
| Multnomah | 9,212 | 2,859 | 2,734 | 1,939 | 1,070 | 497 | 107 | 6 |
| Polk | 651 | 255 | 198 | 112 | 65 | 15 | 6 | - |
| Sherman | 16 | 8 | 2 | 3 | 3 | - | - | - |
| Tillamook | 215 | 78 | 59 | 35 | 29 | 14 | - | - |
| Umatilla | 1,132 | 354 | 334 | 223 | 144 | 60 | 17 | - |
| Union | 313 | 138 | 96 | 49 | 20 | 8 | 2 | - |
| Wallowa | 59 | 26 | 15 | 10 | 5 | 2 | 1 | - |
| Wasco | 283 | 92 | 90 | 51 | 33 | 13 | 4 | - |
| Washington | 7,100 | 2,888 | 2,201 | 1,209 | 543 | 219 | 37 | 3 |
| Wheeler | 12 | 6 | 3 | 2 | 1 | - | - | - |
| Yamhill | 1,245 | 466 | 318 | 255 | 150 | 47 | 9 | - |

- Quantity is zero.

Note: The following were considered to be maternal risk factors: inadequate care; age <18 or >= 35; racial/ethnic minority; high birth order (four or more births); less than high school education; being unmarried; smoking.

TABLE 13.
Risk Count Frequencies (Percentage),
by County of Residence, Oregon, 1999

| County of Residence | Live Births | Number of Risk Factors (Percent) | | | | | | |
|---------------------|-------------|----------------------------------|------|------|-------|------|------|-----|
| | | Zero | One | Two | Three | Four | Five | Six |
| Total | 45,193 | 35.9 | 29.2 | 19.3 | 10.4 | 4.3 | .9 | .1 |
| Baker | 170 | 40.0 | 26.5 | 19.4 | 8.8 | 5.3 | - | - |
| Benton | 821 | 47.1 | 30.8 | 13.2 | 6.2 | 2.3 | .2 | .1 |
| Clackamas | 4,107 | 42.6 | 29.3 | 17.8 | 7.3 | 2.4 | .6 | - |
| Clatsop | 376 | 34.3 | 30.9 | 17.8 | 12.5 | 4.0 | .5 | - |
| Columbia | 571 | 45.4 | 29.8 | 14.5 | 7.9 | 1.9 | .4 | .2 |
| Coos | 647 | 34.8 | 28.7 | 18.9 | 11.1 | 5.6 | .9 | - |
| Crook | 216 | 37.5 | 31.5 | 17.1 | 10.6 | 2.8 | .5 | - |
| Curry | 141 | 31.9 | 31.9 | 20.6 | 9.2 | 4.3 | 1.4 | .7 |
| Deschutes | 1,316 | 46.3 | 31.0 | 14.1 | 6.6 | 1.7 | .4 | - |
| Douglas | 1,120 | 34.1 | 28.6 | 19.6 | 12.6 | 4.3 | .8 | - |
| Gilliam | 18 | 50.0 | 33.3 | 11.1 | 5.6 | - | - | - |
| Grant | 78 | 52.6 | 28.2 | 12.8 | 6.4 | - | - | - |
| Hamey | 92 | 39.1 | 32.6 | 12.0 | 10.9 | 2.2 | 3.3 | - |
| Hood River | 338 | 32.0 | 27.2 | 24.3 | 11.2 | 3.8 | 1.5 | - |
| Jackson | 2,079 | 37.6 | 28.9 | 18.9 | 9.5 | 4.2 | .9 | - |
| Jefferson | 297 | 16.8 | 22.9 | 25.6 | 17.5 | 14.5 | 2.0 | .7 |
| Josephine | 832 | 32.3 | 31.7 | 19.1 | 12.1 | 4.0 | .7 | - |
| Klamath | 813 | 31.7 | 26.1 | 23.9 | 11.8 | 4.7 | 1.7 | .1 |
| Lake | 66 | 39.4 | 25.8 | 19.7 | 13.6 | 1.5 | - | - |
| Lane | 3,752 | 38.6 | 31.4 | 17.5 | 8.4 | 3.4 | .5 | .1 |
| Lincoln | 423 | 27.7 | 29.6 | 19.4 | 16.1 | 6.6 | .7 | - |
| Linn | 1,458 | 38.8 | 25.0 | 19.9 | 11.9 | 3.5 | .9 | .1 |
| Malheur | 499 | 30.3 | 20.2 | 24.2 | 18.4 | 5.2 | 1.2 | .4 |
| Marion | 4,545 | 26.9 | 26.7 | 23.6 | 14.1 | 6.9 | 1.7 | .1 |
| Morrow | 180 | 21.7 | 22.2 | 28.9 | 17.2 | 8.9 | 1.1 | - |
| Multnomah | 9,212 | 31.0 | 29.7 | 21.0 | 11.6 | 5.4 | 1.2 | .1 |
| Polk | 651 | 39.2 | 30.4 | 17.2 | 10.0 | 2.3 | .9 | - |
| Sherman | 16 | 50.0 | 12.5 | 18.8 | 18.8 | - | - | - |
| Tillamook | 215 | 36.3 | 27.4 | 16.3 | 13.5 | 6.5 | - | - |
| Umatilla | 1,132 | 31.3 | 29.5 | 19.7 | 12.7 | 5.3 | 1.5 | - |
| Union | 313 | 44.1 | 30.7 | 15.7 | 6.4 | 2.6 | .6 | - |
| Wallowa | 59 | 44.1 | 25.4 | 16.9 | 8.5 | 3.4 | 1.7 | - |
| Wasco | 283 | 32.5 | 31.8 | 18.0 | 11.7 | 4.6 | 1.4 | - |
| Washington | 7,100 | 40.7 | 31.0 | 17.0 | 7.6 | 3.1 | .5 | - |
| Wheeler | 12 | 50.0 | 25.0 | 16.7 | 8.3 | - | - | - |
| Yamhill | 1,245 | 37.4 | 25.5 | 20.5 | 12.0 | 3.8 | .7 | - |

- Quantity is zero or less than 0.1.

NOTE: Risk factors expressed as percentage of mothers falling into risk category. The following were considered to be maternal risk factors: inadequate care; age <18 or >= 35; racial/ethnic minority; high birth order (four or more births); less than high school education; being unmarried; smoking. Rates and percentages are calculated excluding missing and unknown values.

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

TABLE 14.
Births by County of Occurrence, Type of Institution, and
Delivery Attendant, Oregon, 1999

| County | Total | Born in Hospital or on Arrival | | | | | | | | | |
|--------------|--------|--------------------------------|--------|-------|------|--------|------|----------|------------------------|-------------|--|
| | | Total Hospital Births | M.D. | D.O. | N.D. | C.N.M. | R.N. | L.D.E.M. | Other Licensed Medical | Non-Medical | |
| Total | 46,106 | 45,158 | 37,028 | 1,646 | - | 6,193 | 243 | 12 | 11 | 25 | |
| Baker | 128 | 126 | 122 | 4 | - | - | - | - | - | - | |
| Benton | 1,086 | 1,057 | 1,037 | 19 | - | - | 1 | - | - | - | |
| Clackamas | 4,488 | 4,422 | 2,920 | 52 | - | 1,424 | 22 | - | - | 4 | |
| Clatsop | 438 | 433 | 305 | - | - | 126 | 2 | - | - | - | |
| Columbia | 7 | - | - | - | - | - | - | - | - | - | |
| Coos | 646 | 639 | 452 | - | - | 180 | 6 | - | 1 | - | |
| Crook | 123 | 121 | 106 | 15 | - | - | - | - | - | - | |
| Curry | 75 | 74 | 13 | 26 | - | 35 | - | - | - | - | |
| Deschutes | 1,565 | 1,529 | 1,441 | - | - | 87 | - | - | - | 1 | |
| Douglas | 1,039 | 958 | 796 | 34 | - | 127 | 1 | - | - | - | |
| Gilliam | - | - | - | - | - | - | - | - | - | - | |
| Grant | 64 | 53 | 51 | 2 | - | - | - | - | - | - | |
| Hamey | 58 | 58 | 58 | - | - | - | - | - | - | - | |
| Hood River | 415 | 409 | 326 | - | - | 80 | 2 | - | 1 | - | |
| Jackson | 2,329 | 2,274 | 1,983 | 74 | - | 204 | 10 | 2 | - | 1 | |
| Jefferson | 220 | 216 | 151 | - | - | 65 | - | - | - | - | |
| Josephine | 682 | 650 | 632 | - | - | - | 17 | - | 1 | - | |
| Klamath | 853 | 849 | 627 | - | - | 218 | 3 | - | - | 1 | |
| Lake | 48 | 47 | 44 | 3 | - | - | - | - | - | - | |
| Lane | 3,961 | 3,771 | 3,161 | 23 | - | 559 | 24 | 3 | - | 1 | |
| Lincoln | 367 | 355 | 306 | 18 | - | 27 | 3 | - | 1 | - | |
| Linn | 1,092 | 1,066 | 683 | 139 | - | 236 | 4 | - | 1 | 3 | |
| Malheur | 672 | 668 | 456 | 90 | - | 105 | 17 | - | - | - | |
| Marion | 4,631 | 4,583 | 3,640 | 65 | - | 865 | 8 | - | 1 | 4 | |
| Morrow | 1 | - | - | - | - | - | - | - | - | - | |
| Multnomah | 11,240 | 11,054 | 9,425 | 407 | - | 1,161 | 47 | 4 | 4 | 6 | |
| Polk | 136 | 124 | 90 | 28 | - | 4 | 1 | - | - | 1 | |
| Sherman | - | - | - | - | - | - | - | - | - | - | |
| Tillamook | 150 | 145 | 137 | - | - | 8 | - | - | - | - | |
| Umatilla | 986 | 974 | 755 | 219 | - | - | - | - | - | - | |
| Union | 349 | 342 | 181 | 158 | - | - | 1 | 2 | - | - | |
| Wallowa | 40 | 39 | 39 | - | - | - | - | - | - | - | |
| Wasco | 287 | 281 | 177 | 100 | - | 2 | 1 | 1 | - | - | |
| Washington | 6,911 | 6,837 | 6,144 | 161 | - | 460 | 68 | - | 1 | 3 | |
| Wheeler | - | - | - | - | - | - | - | - | - | - | |
| Yamhill | 1,019 | 1,004 | 770 | 9 | - | 220 | 5 | - | - | - | |

- Quantity is zero.

M.D. = Medical Doctor

D.O. = Doctor of Osteopathy

N.D. = Naturopathic Doctor

C.N.M. = Certified Nurse Midwife

R.N. = Registered Nurse

L.D.E.M. = Licensed Direct Entry Midwife

TABLE 14.
Births by County of Occurrence, Type of Institution, and
Delivery Attendant, Oregon, 1999 (Continued)

| County | Born Out-of-Hospital | | | | | | | | | |
|--------------|------------------------------|------|------|------|--------|------|----------|------------------------|-------------|--|
| | Total Out-of-Hospital Births | M.D. | D.O. | N.D. | C.N.M. | R.N. | L.D.E.M. | Other Licensed Medical | Non-Medical | |
| Total | 948 | 5 | - | 107 | 164 | 5 | 356 | 7 | 304 | |
| Baker | 2 | - | - | - | - | - | 2 | - | - | |
| Benton | 29 | - | - | - | - | - | 25 | - | 4 | |
| Clackamas | 66 | - | - | 8 | 2 | - | 17 | 1 | 38 | |
| Clatsop | 5 | - | - | 1 | - | - | 1 | - | 3 | |
| Columbia | 7 | - | - | - | - | - | - | - | 7 | |
| Coos | 7 | - | - | - | - | - | - | - | 7 | |
| Crook | 2 | - | - | - | - | - | - | - | 2 | |
| Curry | 1 | - | - | - | - | - | - | - | 1 | |
| Deschutes | 36 | - | - | - | - | - | 19 | - | 17 | |
| Douglas | 81 | - | - | - | 76 | 1 | 1 | - | 3 | |
| Gilliam | - | - | - | - | - | - | - | - | - | |
| Grant | 11 | - | - | - | - | - | 11 | - | - | |
| Harney | - | - | - | - | - | - | - | - | - | |
| Hood River | 6 | - | - | - | - | - | 2 | - | 4 | |
| Jackson | 55 | - | - | - | 1 | - | 30 | - | 24 | |
| Jefferson | 4 | 1 | - | - | - | - | - | - | 3 | |
| Josephine | 32 | 1 | - | - | - | - | 8 | - | 23 | |
| Klamath | 4 | - | - | - | - | - | 2 | - | 2 | |
| Lake | 1 | - | - | - | - | - | - | - | 1 | |
| Lane | 190 | - | - | 6 | 60 | 2 | 43 | - | 79 | |
| Lincoln | 12 | - | - | - | - | - | 12 | - | - | |
| Linn | 26 | - | - | - | - | 1 | 18 | 1 | 6 | |
| Malheur | 4 | - | - | 1 | - | - | - | - | 3 | |
| Marion | 48 | - | - | 3 | 2 | - | 27 | 2 | 14 | |
| Morrow | 1 | - | - | - | - | - | - | - | 1 | |
| Multnomah | 186 | 1 | - | 79 | 13 | 1 | 64 | 2 | 26 | |
| Polk | 12 | - | - | - | - | - | 11 | - | 1 | |
| Sherman | - | - | - | - | - | - | - | - | - | |
| Tillamook | 5 | - | - | - | 1 | - | 2 | - | 2 | |
| Umatilla | 12 | - | - | - | 4 | - | 7 | - | 1 | |
| Union | 7 | 1 | - | - | - | - | 5 | - | 1 | |
| Wallowa | 1 | - | - | - | - | - | 1 | - | - | |
| Wasco | 6 | - | - | 1 | - | - | - | - | 5 | |
| Washington | 74 | - | - | 8 | 5 | - | 41 | 1 | 19 | |
| Wheeler | - | - | - | - | - | - | - | - | - | |
| Yamhill | 15 | 1 | - | - | - | - | 7 | - | 7 | |

- Quantity is zero.
M.D. = Medical Doctor
D.O. = Doctor of Osteopathy
N.D. = Naturopathic Doctor
C.N.M. = Certified Nurse Midwife
R.N. = Registered Nurse
L.D.E.M. = Licensed Direct Entry Midwife

TABLE 15.
Payment of Delivery by County of Residence, Oregon, 1999

| County of Residence | Total Births | Financial Payment | | | | | |
|---------------------|--------------|-------------------|----------|---------------|-------|-------|------------------|
| | | Private Insurance | Self-Pay | Medicaid /OHP | Other | N. S. | Multiple Mention |
| Total | 45,193 | 27,131 | 2,615 | 14,364 | 166 | 804 | 113 |
| Baker | 170 | 66 | 3 | 79 | 7 | 9 | 6 |
| Benton | 821 | 603 | 29 | 181 | 4 | 3 | 1 |
| Clackamas | 4,107 | 2,970 | 199 | 914 | 2 | 14 | 8 |
| Clatsop | 376 | 202 | 21 | 126 | 12 | 13 | 2 |
| Columbia | 571 | 307 | 13 | 112 | - | 139 | - |
| Coos | 647 | 294 | 30 | 315 | - | 5 | 3 |
| Crook | 216 | 122 | 10 | 83 | 1 | - | - |
| Curry | 141 | 35 | 9 | 64 | - | 33 | - |
| Deschutes | 1,316 | 748 | 60 | 493 | 7 | 3 | 5 |
| Douglas | 1,120 | 635 | 27 | 455 | 1 | 2 | - |
| Gilliam | 18 | 15 | - | 3 | - | - | - |
| Grant | 78 | 40 | 6 | 30 | 1 | - | 1 |
| Harey | 92 | 57 | 2 | 13 | 19 | 1 | - |
| Hood River | 338 | 165 | 43 | 123 | - | 7 | - |
| Jackson | 2,079 | 1,066 | 150 | 854 | - | 7 | 2 |
| Jefferson | 297 | 124 | 32 | 122 | 18 | 1 | - |
| Josephine | 832 | 333 | 40 | 441 | 3 | 4 | 11 |
| Klamath | 813 | 352 | 62 | 388 | 6 | 5 | - |
| Lake | 66 | 30 | 6 | 28 | 1 | 1 | - |
| Lane | 3,752 | 2,357 | 66 | 1,285 | 29 | 11 | 4 |
| Lincoln | 423 | 180 | 23 | 218 | - | - | 2 |
| Linn | 1,458 | 850 | 64 | 538 | 3 | 2 | 1 |
| Malheur | 499 | 118 | 71 | 230 | - | 74 | 6 |
| Marion | 4,545 | 2,139 | 543 | 1,794 | 6 | 52 | 11 |
| Morrow | 180 | 88 | 40 | 38 | - | 13 | 1 |
| Multnomah | 9,212 | 5,834 | 520 | 2,769 | 6 | 55 | 28 |
| Polk | 651 | 401 | 37 | 197 | 2 | 12 | 2 |
| Sherman | 16 | 10 | - | 6 | - | - | - |
| Tillamook | 215 | 123 | 13 | 77 | 1 | - | 1 |
| Umatilla | 1,132 | 438 | 101 | 272 | 15 | 303 | 3 |
| Union | 313 | 143 | 12 | 154 | - | 4 | - |
| Wallowa | 59 | 30 | 1 | 25 | - | 3 | - |
| Wasco | 283 | 151 | 12 | 116 | 1 | 3 | - |
| Washington | 7,100 | 5,285 | 314 | 1,456 | 13 | 22 | 10 |
| Wheeler | 12 | 4 | - | 8 | - | - | - |
| Yamhill | 1,245 | 816 | 56 | 357 | 8 | 3 | 5 |

- Quantity is zero.

TABLE 16.
Low Birthweight Infants by County of Residence, Oregon, 1999

| County of Residence | Total Births | Low Birthweight Infants | | | Rate for All Low Birth-weight ¹ | Rate for ≤ 1499 grams ¹ | Rate for 1500-2499 grams ¹ |
|---------------------|--------------|-------------------------|--------------|-----------------|--|------------------------------------|---------------------------------------|
| | | Total Low Birth-weight | ≤ 1499 grams | 1500-2499 grams | | | |
| Total | 45,193 | 2,436 | 423 | 2,013 | 53.9 | 9.4 | 44.6 |
| Baker | 170 | 8 | - | 8 | 47.1 | - | 47.1 |
| Benton | 821 | 42 | 9 | 33 | 51.2 | 11.0 | 40.2 |
| Clackamas | 4,107 | 204 | 30 | 174 | 49.7 | 7.3 | 42.4 |
| Clatsop | 376 | 17 | 4 | 13 | 45.2 | 10.6 | 34.6 |
| Columbia | 571 | 38 | 8 | 30 | 66.5 | 14.0 | 52.5 |
| Coos | 647 | 33 | 10 | 23 | 51.0 | 15.5 | 35.5 |
| Crook | 216 | 17 | 1 | 16 | 78.7 | 4.6 | 74.1 |
| Curry | 141 | 6 | - | 6 | 42.6 | - | 42.6 |
| Deschutes | 1,316 | 76 | 9 | 67 | 57.8 | 6.8 | 50.9 |
| Douglas | 1,120 | 52 | 5 | 47 | 46.4 | 4.5 | 42.0 |
| Gilliam | 18 | 1 | - | 1 | 55.6 | - | 55.6 |
| Grant | 78 | 3 | - | 3 | 38.5 | - | 38.5 |
| Harey | 92 | 10 | - | 10 | 108.7 | - | §108.7 |
| Hood River | 338 | 25 | 4 | 21 | 74.0 | 11.8 | 62.1 |
| Jackson | 2,079 | 84 | 12 | 72 | §40.4 | 5.8 | 34.6 |
| Jefferson | 297 | 17 | 5 | 12 | 57.2 | 16.8 | 40.4 |
| Josephine | 832 | 45 | 8 | 37 | 54.1 | 9.6 | 44.5 |
| Klamath | 813 | 29 | 4 | 25 | §35.7 | 4.9 | 30.8 |
| Lake | 66 | 5 | 1 | 4 | 75.8 | 15.2 | 60.6 |
| Lane | 3,752 | 226 | 36 | 190 | 60.2 | 9.6 | 50.6 |
| Lincoln | 423 | 31 | 7 | 24 | 73.3 | 16.5 | 56.7 |
| Linn | 1,458 | 73 | 14 | 59 | 50.1 | 9.6 | 40.5 |
| Malheur | 499 | 31 | 6 | 25 | 62.1 | 12.0 | 50.1 |
| Marion | 4,545 | 263 | 53 | 210 | 57.9 | 11.7 | 46.2 |
| Morrow | 180 | 12 | 4 | 8 | 66.7 | 22.2 | 44.4 |
| Multnomah | 9,212 | 489 | 93 | 396 | 53.1 | 10.1 | 43.0 |
| Polk | 651 | 31 | 4 | 27 | 47.6 | 6.1 | 41.5 |
| Sherman | 16 | - | - | - | - | - | - |
| Tillamook | 215 | 10 | 3 | 7 | 46.5 | 14.0 | 32.6 |
| Umatilla | 1,132 | 80 | 7 | 73 | §71.0 | 6.2 | §64.8 |
| Union | 313 | 13 | 1 | 12 | 41.5 | 3.2 | 38.3 |
| Wallowa | 59 | 4 | - | 4 | 67.8 | - | 67.8 |
| Wasco | 283 | 17 | 1 | 16 | 60.1 | 3.5 | 56.5 |
| Washington | 7,100 | 368 | 63 | 305 | 51.8 | 8.9 | 43.0 |
| Wheeler | 12 | - | - | - | - | - | - |
| Yamhill | 1,245 | 76 | 21 | 55 | 61.1 | §16.9 | 44.2 |

- Quantity is zero.

§ Rate is significantly different than state.

¹ All rates are per 1,000 births.

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

NOTE: Rates and percentages are calculated excluding missing and unknown values.

TABLE 17.
Congenital Malformations Reported on Birth Certificates by County of Residence, Oregon, 1999

| County of Residence | Total Births | Total children without Malformations | Anencephalus | Spina Bifida/Meningocele | Hydrocephalus | Microcephalus | Other Central Nervous System Anomalies | Heart Malformations | Other Circulatory/Respiratory Anomalies | Rectal Atresia/Stenosis | Tracheo-Esophageal Fistula/Esophageal Atresia | Omphalocele/Gastroschisis |
|---------------------|--------------|--------------------------------------|--------------|--------------------------|---------------|---------------|--|---------------------|---|-------------------------|---|---------------------------|
| Total | 45,193 | 44,656 | 6 | 12 | 17 | 6 | 8 | 73 | 18 | 9 | 8 | 22 |
| Baker | 170 | 169 | - | - | - | - | - | - | - | - | - | - |
| Benton | 821 | 817 | - | - | - | - | 1 | - | - | - | - | - |
| Clackamas | 4,107 | 4,064 | - | - | 2 | 1 | 1 | 6 | 1 | - | - | 1 |
| Clatsop | 376 | 371 | - | 1 | - | - | - | 2 | - | - | - | - |
| Columbia | 571 | 564 | - | - | - | - | - | 1 | - | - | - | - |
| Coos | 647 | 641 | - | - | - | - | - | 2 | - | - | - | - |
| Crook | 216 | 214 | - | - | - | - | - | - | 1 | - | - | - |
| Curry | 141 | 137 | - | - | - | - | - | 1 | - | - | - | - |
| Deschutes | 1,316 | 1,301 | - | - | 2 | - | - | 2 | 3 | 1 | - | 1 |
| Douglas | 1,120 | 1,102 | - | - | - | - | 2 | 5 | 1 | - | - | - |
| Gilliam | 18 | 17 | - | - | - | - | - | - | - | - | - | - |
| Grant | 78 | 76 | - | - | - | - | - | - | - | - | - | - |
| Harney | 92 | 90 | - | - | - | - | - | - | - | - | - | - |
| Hood River | 338 | 331 | - | - | - | - | - | 1 | - | - | - | - |
| Jackson | 2,079 | 2,054 | - | 1 | 2 | - | - | 4 | 1 | 3 | 1 | - |
| Jefferson | 297 | 292 | - | - | - | - | - | 1 | - | - | - | 1 |
| Josephine | 832 | 818 | - | - | - | 1 | - | - | - | - | - | 1 |
| Klamath | 813 | 802 | - | - | - | - | 1 | - | - | - | 1 | 1 |
| Lake | 66 | 65 | - | - | - | - | - | - | - | - | - | - |
| Lane | 3,752 | 3,734 | 1 | - | 1 | - | - | 1 | - | - | - | - |
| Lincoln | 423 | 415 | - | - | - | - | - | 2 | 2 | 1 | - | 1 |
| Linn | 1,458 | 1,437 | 1 | 1 | - | - | - | 2 | 1 | - | 1 | 1 |
| Malheur | 499 | 492 | 1 | - | - | - | - | 1 | - | - | - | - |
| Marion | 4,545 | 4,464 | 2 | 2 | 3 | 2 | 1 | 8 | 2 | 1 | - | 4 |
| Morrow | 180 | 180 | - | - | - | - | - | - | - | - | - | - |
| Multnomah | 9,212 | 9,117 | - | 2 | 2 | 1 | 1 | 7 | 3 | 2 | 4 | 4 |
| Polk | 651 | 643 | - | - | - | - | 1 | 2 | - | - | - | - |
| Sherman | 16 | 16 | - | - | - | - | - | - | - | - | - | - |
| Tillamook | 215 | 212 | - | - | - | - | - | 1 | - | - | - | - |
| Umatilla | 1,132 | 1,112 | - | 1 | - | - | - | 2 | - | - | - | 2 |
| Union | 313 | 311 | - | - | - | - | - | - | - | - | - | 1 |
| Wallowa | 59 | 58 | - | - | - | - | - | - | 1 | - | - | - |
| Wasco | 283 | 278 | - | 1 | - | - | - | 1 | - | - | - | - |
| Washington | 7,100 | 7,028 | 1 | 2 | 5 | 1 | - | 14 | 1 | - | 1 | 4 |
| Wheeler | 12 | 12 | - | - | - | - | - | - | - | - | - | - |
| Yamhill | 1,245 | 1,222 | - | 1 | - | - | - | 7 | 1 | 1 | - | - |

- Quantity is zero.

Note: More than one type of malformation may be reported for a given birth.

TABLE 17.
Congenital Malformations Reported on Birth Certificates by County of
Residence, Oregon, 1999 (Continued)

| County of Residence | Other Gastrointestinal Anomalies | Malformed Genitalia | Renal Agenesis | Other Urogenital Anomalies | Cleft Lip/Palate | Polydactyly/ Syndactyly/ Adactyly | Club Foot | Diaphragmatic Hernia | Musculoskeletal/ Integumental Anomalies | Down Syndrome | Other Chromosomal Anomalies | Other |
|---------------------|----------------------------------|---------------------|----------------|----------------------------|------------------|---|-----------|----------------------|--|---------------|-----------------------------|-------|
| Total | 6 | 70 | 18 | 33 | 60 | 58 | 50 | 11 | 46 | 35 | 9 | 59 |
| Baker | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Benton | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - |
| Clackamas | - | 3 | - | 3 | 8 | 4 | 6 | 1 | 2 | 3 | - | 3 |
| Clatsop | - | 1 | - | - | 1 | - | - | - | - | 1 | - | - |
| Columbia | - | 1 | 1 | - | 2 | - | - | - | 1 | - | - | 1 |
| Coos | - | 2 | - | 1 | - | - | - | - | 1 | - | - | 1 |
| Crook | - | 1 | - | - | - | - | - | 1 | - | - | - | - |
| Curry | - | 1 | - | - | 1 | - | - | - | - | - | - | 1 |
| Deschutes | - | 1 | - | - | 3 | 1 | 2 | - | - | 1 | 1 | 2 |
| Douglas | - | - | 2 | - | 4 | 2 | 3 | - | 1 | 2 | - | 1 |
| Gilliam | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Grant | - | - | - | - | - | 2 | - | - | - | - | - | - |
| Harney | - | - | - | 1 | 1 | - | - | - | - | - | - | - |
| Hood River | - | - | - | - | - | - | 2 | 1 | - | - | - | 3 |
| Jackson | - | 3 | - | 3 | 3 | 4 | 2 | - | 1 | 2 | - | 1 |
| Jefferson | - | 1 | - | 1 | - | - | - | - | - | - | - | 1 |
| Josephine | - | 4 | - | - | - | 3 | 1 | - | 1 | 2 | 1 | - |
| Klamath | - | 3 | - | 1 | 1 | 3 | - | - | 1 | - | - | - |
| Lake | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Lane | 1 | - | - | - | 6 | 2 | 1 | - | - | 6 | - | 3 |
| Lincoln | - | 1 | - | 1 | 1 | 1 | - | - | 1 | - | 1 | 1 |
| Linn | - | 6 | 1 | 3 | - | 2 | 2 | - | - | 1 | - | - |
| Malheur | - | - | - | 1 | 2 | - | 1 | - | 2 | - | - | - |
| Marion | 2 | 19 | 4 | 2 | 9 | 15 | 5 | - | 17 | 4 | 3 | 8 |
| Morrow | - | - | - | - | - | - | - | - | - | - | - | - |
| Multnomah | 3 | 7 | 8 | 5 | 7 | 5 | 12 | 3 | 5 | 5 | 2 | 16 |
| Polk | - | 3 | - | - | - | - | 2 | 1 | - | - | - | - |
| Sherman | - | - | - | - | - | - | - | - | - | - | - | - |
| Tillamook | - | - | - | 1 | - | - | 1 | - | - | - | - | - |
| Umatilla | - | 1 | - | 3 | 2 | - | - | 2 | 1 | - | 1 | 6 |
| Union | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Wallowa | - | - | - | - | - | - | - | - | - | - | - | - |
| Wasco | - | - | - | - | - | - | 1 | - | 2 | - | - | - |
| Washington | - | 6 | 2 | 4 | 7 | 12 | 7 | 2 | 5 | 3 | - | 9 |
| Wheeler | - | - | - | - | - | - | - | - | - | - | - | - |
| Yamhill | - | 4 | - | 1 | 1 | 1 | 1 | - | 5 | 4 | - | 2 |

- Quantity is zero.

Note: More than one type of malformation may be reported for a given birth.

TABLE 18.
Induced Terminations of Pregnancy Occuring in Oregon
by Residence and Age Group of Patient, 1999

| Place of Residence | Total | Age Groups | | | | | | | | |
|--------------------|--------|------------|-------|-------|-------|-------|-------|-------|-----|------|
| | | < 15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ | Unk. |
| Total | 14,145 | 68 | 2,958 | 4,519 | 3,080 | 1,891 | 1,232 | 348 | 32 | 17 |
| Baker | 7 | * | * | * | * | * | * | * | * | * |
| Benton | 193 | 2 | 45 | 68 | 40 | 20 | 16 | 1 | - | 1 |
| Clackamas | 1,111 | 5 | 275 | 307 | 221 | 170 | 101 | 27 | 4 | 1 |
| Clatsop | 96 | - | 17 | 34 | 19 | 14 | 9 | 3 | - | - |
| Columbia | 124 | 1 | 28 | 36 | 21 | 20 | 12 | 5 | 1 | - |
| Coos | 109 | 1 | 37 | 31 | 16 | 11 | 9 | 4 | - | - |
| Crook | 29 | - | 7 | 6 | 5 | 5 | 4 | 2 | - | - |
| Curry | 26 | - | 11 | 5 | 3 | 5 | 1 | 1 | - | - |
| Deschutes | 343 | 2 | 66 | 98 | 77 | 48 | 39 | 13 | - | - |
| Douglas | 214 | 2 | 59 | 63 | 40 | 24 | 19 | 7 | - | - |
| Gilliam | 8 | * | * | * | * | * | * | * | * | * |
| Grant | 9 | * | * | * | * | * | * | * | * | * |
| Hamey | 7 | * | * | * | * | * | * | * | * | * |
| Hood River | 46 | 1 | 8 | 9 | 14 | 4 | 6 | 4 | - | - |
| Jackson | 483 | 1 | 100 | 188 | 81 | 68 | 34 | 11 | - | - |
| Jefferson | 38 | - | 9 | 11 | 8 | 8 | 2 | - | - | - |
| Josephine | 132 | 2 | 25 | 31 | 28 | 17 | 16 | 10 | 3 | - |
| Klamath | 158 | - | 40 | 44 | 38 | 21 | 14 | 1 | - | - |
| Lake | 10 | - | 6 | 3 | - | - | - | 1 | - | - |
| Lane | 1,244 | 9 | 248 | 451 | 262 | 140 | 90 | 42 | 1 | 1 |
| Lincoln | 147 | 1 | 33 | 45 | 21 | 21 | 20 | 3 | 2 | 1 |
| Linn | 212 | 1 | 61 | 63 | 46 | 20 | 14 | 7 | - | - |
| Malheur | 9 | * | * | * | * | * | * | * | * | * |
| Marion | 905 | 4 | 215 | 302 | 182 | 108 | 77 | 14 | 3 | - |
| Morrow | 6 | * | * | * | * | * | * | * | * | * |
| Multnomah | 4,242 | 13 | 721 | 1,392 | 1,078 | 589 | 346 | 84 | 9 | 10 |
| Polk | 107 | 1 | 22 | 36 | 19 | 11 | 12 | 6 | - | - |
| Sherman | 3 | * | * | * | * | * | * | * | * | * |
| Tillamook | 59 | - | 17 | 14 | 13 | 10 | 5 | - | - | - |
| Umatilla | 67 | - | 20 | 19 | 10 | 12 | 5 | 1 | - | - |
| Union | 25 | - | 7 | 9 | 3 | 3 | 1 | 2 | - | - |
| Wallowa | 6 | * | * | * | * | * | * | * | * | * |
| Wasco | 49 | 1 | 9 | 18 | 11 | 4 | 5 | 1 | - | - |
| Washington | 1,896 | 15 | 425 | 549 | 410 | 259 | 182 | 50 | 5 | 1 |
| Wheeler | - | - | - | - | - | - | - | - | - | - |
| Yamhill | 237 | 2 | 66 | 69 | 35 | 28 | 27 | 10 | - | - |
| Out of state | 1,788 | 4 | 364 | 605 | 368 | 244 | 160 | 37 | 4 | 2 |

- Quantity is zero.

* Detailed reporting of small numbers may breach confidentiality.

TABLE 19.
Suicide Attempts by Age and County of Residence, Oregon Minors, 1999

| County of Residence | Total | Age of Attempter | | | | | | | | | | | |
|---------------------|-------|------------------|---|---|---|----|----|----|----|-----|-----|-----|-----|
| | | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| TOTAL | 785 | 2 | 1 | 1 | 3 | 7 | 14 | 29 | 76 | 141 | 183 | 191 | 137 |
| Baker | 5 | * | * | * | * | * | * | * | * | * | * | * | * |
| Benton | 14 | — | — | — | — | 1 | — | — | 3 | 3 | 3 | 2 | 2 |
| Clackamas | 63 | — | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 15 | 18 | 12 | 8 |
| Clatsop | 7 | * | * | * | * | * | * | * | * | * | * | * | * |
| Columbia | 18 | — | — | — | — | — | — | — | 2 | 5 | 1 | 5 | 5 |
| Coos | 21 | — | — | — | — | — | 1 | 1 | — | 3 | 9 | 4 | 3 |
| Crook | 5 | * | * | * | * | * | * | * | * | * | * | * | * |
| Curry | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Deschutes | 18 | — | — | — | — | — | — | 2 | 4 | — | 5 | 4 | 3 |
| Douglas | 50 | — | — | — | 1 | 1 | 4 | — | 7 | 7 | 5 | 11 | 14 |
| Gilliam | 1 | * | * | * | * | * | * | * | * | * | * | * | * |
| Grant | 2 | * | * | * | * | * | * | * | * | * | * | * | * |
| Harney | 5 | * | * | * | * | * | * | * | * | * | * | * | * |
| Hood River | 8 | * | * | * | * | * | * | * | * | * | * | * | * |
| Jackson | 54 | — | — | — | — | 1 | 2 | 3 | 5 | 7 | 13 | 15 | 8 |
| Jefferson | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Josephine | 26 | — | — | — | — | — | 1 | — | 5 | 3 | 9 | 5 | 3 |
| Klamath | 23 | — | — | — | — | — | — | — | 4 | 5 | 2 | 7 | 5 |
| Lake | 1 | * | * | * | * | * | * | * | * | * | * | * | * |
| Lane | 96 | 1 | — | — | — | — | 1 | 5 | 9 | 18 | 24 | 22 | 16 |
| Lincoln | 6 | * | * | * | * | * | * | * | * | * | * | * | * |
| Linn | 21 | — | — | — | — | — | — | 2 | 1 | 3 | 1 | 10 | 4 |
| Malheur | 4 | * | * | * | * | * | * | * | * | * | * | * | * |
| Marion | 84 | — | — | — | — | — | 1 | 3 | 6 | 19 | 22 | 20 | 13 |
| Morrow | 4 | * | * | * | * | * | * | * | * | * | * | * | * |
| Multnomah | 124 | — | — | — | 1 | 3 | 1 | 10 | 13 | 25 | 22 | 31 | 18 |
| Polk | 5 | * | * | * | * | * | * | * | * | * | * | * | * |
| Sherman | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Tillamook | 3 | * | * | * | * | * | * | * | * | * | * | * | * |
| Umatilla | 15 | — | — | — | — | — | 1 | 1 | 2 | 1 | 2 | 3 | 5 |
| Union | 2 | * | * | * | * | * | * | * | * | * | * | * | * |
| Wallowa | 1 | * | * | * | * | * | * | * | * | * | * | * | * |
| Wasco | 5 | * | * | * | * | * | * | * | * | * | * | * | * |
| Washington | 73 | 1 | — | — | — | — | — | — | 6 | 14 | 18 | 20 | 14 |
| Wheeler | 1 | * | * | * | * | * | * | * | * | * | * | * | * |
| Yamhill | 20 | — | — | — | — | — | — | — | 1 | 4 | 7 | 5 | 3 |

* These data are not shown to avoid breaching confidentiality.

— Quantity = 0.

TABLE 20.
Deaths by Age, Sex, and County of Residence, Oregon, 1999

| County of Residence | Total | Total | | < 1 | | 1-4 | | 5-14 | | 15-24 | |
|---------------------|--------|--------|--------|-----|-----|-----|----|------|----|-------|----|
| | | M | F | M | F | M | F | M | F | M | F |
| Total | 29,356 | 14,430 | 14,926 | 142 | 119 | 29 | 20 | 58 | 36 | 211 | 77 |
| Baker | 208 | 104 | 104 | - | - | - | 1 | - | 1 | 4 | - |
| Benton | 456 | 209 | 247 | 5 | 2 | - | 1 | 1 | 1 | - | - |
| Clackamas | 2,449 | 1,161 | 1,288 | 11 | 5 | 3 | 3 | 6 | - | 18 | 6 |
| Clatsop | 379 | 184 | 195 | 2 | 1 | - | - | 1 | 1 | 2 | 3 |
| Columbia | 371 | 184 | 187 | 1 | 2 | - | - | - | - | 2 | - |
| Coos | 841 | 414 | 427 | 6 | 3 | 1 | - | 4 | 1 | 3 | 2 |
| Crook | 170 | 100 | 70 | 3 | - | - | - | - | - | - | 1 |
| Curry | 332 | 182 | 150 | - | - | 1 | - | 1 | - | 1 | - |
| Deschutes | 840 | 433 | 407 | 4 | 4 | 3 | 1 | 4 | - | 3 | 6 |
| Douglas | 1,168 | 619 | 549 | 6 | 3 | 1 | - | 3 | 1 | 11 | 3 |
| Gilliam | 18 | 14 | 4 | - | - | - | - | - | - | 1 | - |
| Grant | 92 | 43 | 49 | - | 1 | - | - | - | - | 2 | - |
| Harney | 82 | 46 | 36 | - | - | - | - | 1 | - | 2 | 1 |
| Hood River | 162 | 74 | 88 | 2 | 2 | - | - | - | - | 1 | 2 |
| Jackson | 1,804 | 898 | 906 | 7 | 3 | 3 | 4 | 1 | 1 | 9 | 7 |
| Jefferson | 155 | 94 | 61 | 1 | 1 | - | 1 | - | - | 7 | 1 |
| Josephine | 963 | 485 | 478 | - | 4 | - | - | 2 | 2 | 3 | 1 |
| Klamath | 668 | 367 | 301 | 2 | 4 | - | - | - | 2 | 4 | - |
| Lake | 90 | 53 | 37 | - | 1 | 1 | - | 1 | - | - | 1 |
| Lane | 2,821 | 1,372 | 1,449 | 16 | 8 | 3 | 2 | 4 | 3 | 19 | 6 |
| Lincoln | 543 | 286 | 257 | 3 | 2 | 1 | - | 3 | - | 4 | - |
| Linn | 1,006 | 480 | 526 | 7 | 3 | 1 | 1 | 1 | 1 | 5 | 2 |
| Malheur | 245 | 107 | 138 | 2 | 2 | - | 1 | 1 | 1 | 3 | 2 |
| Marion | 2,436 | 1,180 | 1,256 | 16 | 10 | 2 | - | 5 | 5 | 25 | 5 |
| Morrow | 76 | 39 | 37 | 2 | - | - | - | - | - | 1 | 2 |
| Multnomah | 5,690 | 2,778 | 2,912 | 20 | 26 | 5 | 3 | 10 | 7 | 30 | 15 |
| Polk | 509 | 239 | 270 | 1 | 2 | - | - | - | 1 | 5 | - |
| Sherman | 20 | 17 | 3 | - | - | - | - | - | - | - | - |
| Tillamook | 306 | 179 | 127 | 1 | 1 | - | 1 | - | - | 5 | - |
| Umatilla | 599 | 330 | 269 | 1 | 3 | 1 | - | - | 2 | 6 | 1 |
| Union | 248 | 109 | 139 | - | - | - | - | 2 | - | 1 | - |
| Wallowa | 84 | 43 | 41 | - | 1 | - | - | - | - | - | - |
| Wasco | 294 | 137 | 157 | 2 | 1 | - | - | - | - | 4 | - |
| Washington | 2,535 | 1,142 | 1,393 | 19 | 20 | 1 | 1 | 4 | 3 | 21 | 8 |
| Wheeler | 19 | 14 | 5 | - | - | - | - | - | - | - | - |
| Yamhill | 677 | 314 | 363 | 2 | 4 | 2 | - | 3 | 3 | 9 | 2 |

-Quantity is zero.

TABLE 20.
Deaths by Age, Sex, and County of Residence, Oregon, 1999 (Continued)

| County of Residence | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65-74 | | 75+ | |
|---------------------|-------|-----|-------|-----|-------|-----|-------|-------|-------|-------|-------|--------|
| | M | F | M | F | M | F | M | F | M | F | M | F |
| Total | 304 | 119 | 608 | 316 | 1,177 | 671 | 1,540 | 1,099 | 2,897 | 2,293 | 7,464 | 10,176 |
| Baker | - | - | 3 | - | 8 | 3 | 15 | 5 | 20 | 16 | 54 | 78 |
| Benton | 7 | 1 | 2 | 7 | 11 | 11 | 24 | 12 | 32 | 32 | 127 | 180 |
| Clackamas | 23 | 10 | 45 | 23 | 95 | 67 | 140 | 104 | 231 | 168 | 589 | 902 |
| Clatsop | 3 | 1 | 6 | 5 | 9 | 4 | 22 | 12 | 49 | 34 | 90 | 134 |
| Columbia | 4 | 1 | 8 | 4 | 18 | 7 | 28 | 18 | 32 | 38 | 91 | 117 |
| Coos | 1 | 1 | 10 | 7 | 28 | 23 | 52 | 40 | 87 | 88 | 222 | 262 |
| Crook | 2 | - | 2 | 1 | 3 | 5 | 15 | 5 | 30 | 10 | 45 | 48 |
| Curry | - | 2 | 7 | 1 | 9 | 5 | 12 | 9 | 59 | 35 | 92 | 98 |
| Deschutes | 12 | 3 | 14 | 11 | 34 | 18 | 44 | 31 | 91 | 72 | 224 | 261 |
| Douglas | 8 | 4 | 16 | 11 | 46 | 18 | 64 | 62 | 138 | 110 | 326 | 337 |
| Gilliam | 1 | - | - | - | - | - | - | 1 | 3 | 1 | 9 | 2 |
| Grant | - | - | 2 | - | 3 | - | 4 | 5 | 9 | 10 | 23 | 33 |
| Harney | - | - | - | 1 | 2 | 1 | 5 | 2 | 15 | 6 | 21 | 25 |
| Hood River | 1 | - | 4 | 1 | 1 | 4 | 14 | 6 | 13 | 13 | 38 | 60 |
| Jackson | 4 | 6 | 32 | 19 | 69 | 42 | 89 | 67 | 210 | 146 | 474 | 611 |
| Jefferson | 2 | 1 | 5 | 3 | 7 | 4 | 10 | 5 | 19 | 8 | 43 | 37 |
| Josephine | 7 | 3 | 16 | 7 | 34 | 17 | 59 | 34 | 93 | 74 | 271 | 336 |
| Klamath | 3 | 3 | 9 | 8 | 29 | 12 | 58 | 25 | 78 | 53 | 184 | 194 |
| Lake | 1 | - | 1 | 1 | 3 | 2 | 11 | 3 | 14 | 4 | 21 | 25 |
| Lane | 36 | 12 | 57 | 36 | 116 | 74 | 125 | 97 | 262 | 211 | 734 | 1,000 |
| Lincoln | 4 | 2 | 14 | 5 | 25 | 21 | 27 | 22 | 55 | 57 | 150 | 148 |
| Linn | 10 | 1 | 16 | 17 | 38 | 20 | 61 | 39 | 75 | 82 | 266 | 360 |
| Malheur | 2 | 1 | 5 | 1 | 6 | 4 | 9 | 7 | 22 | 23 | 57 | 96 |
| Marion | 24 | 11 | 59 | 18 | 95 | 54 | 108 | 82 | 224 | 182 | 622 | 889 |
| Morrow | 1 | 1 | 1 | 1 | 4 | 4 | 6 | 4 | 5 | 4 | 19 | 21 |
| Multnomah | 86 | 25 | 186 | 80 | 296 | 127 | 297 | 194 | 528 | 419 | 1,320 | 2,016 |
| Polk | 2 | 4 | 6 | 5 | 15 | 10 | 19 | 19 | 49 | 34 | 142 | 195 |
| Sherman | - | - | - | - | 1 | - | 1 | 1 | 7 | - | 8 | 2 |
| Tillamook | 2 | 1 | 5 | - | 13 | 3 | 18 | 13 | 42 | 30 | 93 | 78 |
| Umatilla | 8 | 5 | 10 | 4 | 28 | 14 | 41 | 31 | 65 | 39 | 170 | 170 |
| Union | 2 | - | 3 | 4 | 4 | 5 | 8 | 5 | 26 | 14 | 63 | 111 |
| Wallowa | - | - | 1 | - | 2 | - | 3 | 2 | 13 | 6 | 24 | 32 |
| Wasco | - | - | 5 | 2 | 9 | 7 | 8 | 13 | 22 | 20 | 87 | 114 |
| Washington | 43 | 18 | 50 | 27 | 93 | 71 | 117 | 101 | 220 | 196 | 574 | 948 |
| Wheeler | - | - | - | - | 1 | - | - | - | 5 | 1 | 8 | 4 |
| Yamhill | 5 | 2 | 8 | 6 | 22 | 14 | 26 | 23 | 54 | 57 | 183 | 252 |

-Quantity is zero.

TABLE 21.
Leading Causes of Death by County of Residence, Oregon, 1999

| County of Residence | Total | Diseases of the Heart | Malignant Neoplasms | Cerebrovascular Disease | Chronic Lower Respiratory Disease ² | Unintended Injuries | Alzheimer's Disease | Diabetes Mellitus | Pneumonia & Influenza | Suicide | Alcoholic Disorders ³ |
|---------------------|--------|-----------------------|---------------------|-------------------------|--|---------------------|---------------------|-------------------|-----------------------|---------|----------------------------------|
| Total | 29,356 | 7,252 | 6,903 | 2,817 | 1,762 | 1,144 | 868 | 855 | 684 | 499 | 303 |
| Rate ¹ | 889.4 | 219.7 | 209.1 | 85.3 | 53.4 | 34.7 | 26.3 | 25.9 | 20.7 | 15.1 | 9.2 |
| Baker | 208 | 66 | 42 | 16 | 15 | 11 | 2 | 3 | 8 | 4 | 2 |
| Benton | 456 | 113 | 123 | 41 | 25 | 15 | 23 | 10 | 12 | 6 | 3 |
| Clackamas | 2,449 | 629 | 626 | 227 | 120 | 94 | 81 | 64 | 83 | 35 | 24 |
| Clatsop | 379 | 111 | 95 | 28 | 22 | 18 | 5 | 10 | 6 | 4 | 5 |
| Columbia | 371 | 80 | 118 | 24 | 29 | 9 | 13 | 13 | 10 | 9 | 2 |
| Coos | 841 | 229 | 213 | 62 | 57 | 27 | 35 | 29 | 10 | 11 | 7 |
| Crook | 170 | 53 | 43 | 11 | 12 | 5 | 3 | 4 | 3 | 3 | 1 |
| Curry | 332 | 105 | 72 | 25 | 18 | 6 | 11 | 10 | 3 | 9 | 6 |
| Deschutes | 840 | 209 | 204 | 79 | 63 | 39 | 14 | 22 | 17 | 17 | 7 |
| Douglas | 1,168 | 318 | 271 | 73 | 90 | 52 | 25 | 42 | 24 | 21 | 19 |
| Gilliam | 18 | 3 | 4 | 2 | 3 | - | 2 | - | 1 | 2 | - |
| Grant | 92 | 24 | 23 | 6 | 11 | 6 | 1 | 1 | 2 | 1 | - |
| Harney | 82 | 21 | 19 | 6 | 5 | 2 | 1 | 3 | 4 | 4 | - |
| Hood River | 162 | 32 | 38 | 11 | 11 | 3 | 6 | 8 | 2 | 3 | 1 |
| Jackson | 1,804 | 453 | 418 | 191 | 119 | 73 | 74 | 37 | 34 | 35 | 20 |
| Jefferson | 155 | 48 | 27 | 11 | 4 | 17 | 2 | 4 | 6 | 2 | - |
| Josephine | 963 | 278 | 231 | 73 | 73 | 35 | 22 | 19 | 17 | 17 | 11 |
| Klamath | 668 | 174 | 155 | 66 | 53 | 23 | 15 | 20 | 14 | 11 | 10 |
| Lake | 90 | 27 | 19 | 6 | 4 | 4 | 1 | 3 | - | 3 | - |
| Lane | 2,821 | 644 | 663 | 286 | 156 | 124 | 91 | 85 | 63 | 45 | 27 |
| Lincoln | 543 | 116 | 139 | 49 | 38 | 24 | 14 | 17 | 10 | 9 | 9 |
| Linn | 1,006 | 238 | 243 | 115 | 70 | 40 | 23 | 30 | 18 | 15 | 9 |
| Malheur | 245 | 66 | 53 | 22 | 11 | 11 | 8 | 5 | 6 | 4 | 3 |
| Marion | 2,436 | 579 | 578 | 354 | 115 | 78 | 44 | 58 | 61 | 38 | 15 |
| Morrow | 76 | 17 | 15 | 5 | 6 | 4 | 2 | 2 | 3 | 2 | 3 |
| Multnomah | 5,690 | 1,338 | 1,250 | 511 | 313 | 224 | 183 | 201 | 126 | 104 | 76 |
| Polk | 509 | 138 | 103 | 76 | 24 | 11 | 9 | 10 | 4 | 7 | 5 |
| Sherman | 20 | 7 | 3 | 3 | 2 | 1 | - | 1 | - | 1 | - |
| Tillamook | 306 | 73 | 75 | 28 | 32 | 7 | 3 | 5 | 11 | 6 | 3 |
| Umatilla | 599 | 125 | 158 | 39 | 35 | 26 | 16 | 22 | 21 | 8 | 11 |
| Union | 248 | 61 | 50 | 21 | 21 | 8 | 5 | 8 | 8 | 4 | 2 |
| Wallowa | 84 | 24 | 20 | 5 | 6 | 4 | 1 | 3 | 2 | 2 | 1 |
| Wasco | 294 | 85 | 62 | 22 | 26 | 13 | 12 | 6 | 7 | 4 | 2 |
| Washington | 2,535 | 599 | 583 | 250 | 141 | 100 | 91 | 78 | 63 | 47 | 16 |
| Wheeler | 19 | 5 | 4 | 3 | - | - | 1 | 2 | - | - | - |
| Yamhill | 677 | 164 | 163 | 70 | 32 | 30 | 29 | 20 | 25 | 6 | 3 |

- Quantity is zero.

NOTE: Beginning in 1999, the tenth revision of the International Classification of Disease (ICD-10) became the standard nosological manual. Most of the leading causes of death are not greatly affected by the use of the new manual (and accompanying rules governing the selection of the underlying cause of death) with the exception of "Pneumonia and Influenza" where the number of deaths attributed to this cause declined substantially. Some categories have been deleted, such as "Other Diseases of the Arteries" (which was replaced with "Aortic Aneurysm") and others added, such as "Pneumonitis Due to Solids/Liquids." Comparison ratios and other information relating to the changes in disease classification will be discussed in greater detail in the forthcoming 1999 Annual Report, Volume 2.

¹ Rates per 100,000 population.

² The ICD-9 leading cause of death category Chronic Obstructive Pulmonary Disease has been renamed Chronic Lower Respiratory Disease.

³ "Alcoholic Disorders," includes the following ICD-10 codes: F10, G31.2, G62.1, I42.6, K29.2, K70, O35.4, P04.3.

TABLE 21.
Leading Causes of Death by County of Residence, Oregon, 1999 (Continued)

| County of Residence | Nephritis, Nephrotic Syndrome, and Nephrosis | Parkinson's Disease | Hypertension and Renal Hypertension | Aortic Aneurysm | Benign and Other Neoplasms Not Known to be Malignant | Arteriosclerosis | Septicemia | Congenital Anomalies | Pneumonitis Due to Solids/liquids | Perinatal Conditions | Homicide | Amyotrophic Lateral Sclerosis |
|-------------------------|--|---------------------|-------------------------------------|-----------------|--|------------------|------------|----------------------|-----------------------------------|----------------------|----------|-------------------------------|
| Total | 260 | 256 | 246 | 240 | 200 | 198 | 188 | 156 | 153 | 112 | 109 | 75 |
| Rate¹ | 7.9 | 7.8 | 7.5 | 7.3 | 6.1 | 6 | 5.7 | 4.7 | 4.6 | 3.4 | 3.3 | 2.3 |
| Baker | 3 | - | 2 | 1 | - | 2 | 1 | 2 | 1 | - | 2 | 1 |
| Benton | 3 | 4 | 3 | 3 | 2 | 1 | - | 5 | 1 | 2 | 1 | - |
| Clackamas | 23 | 25 | 20 | 13 | 20 | 16 | 15 | 13 | 19 | 3 | 5 | 4 |
| Clatsop | 4 | 3 | 1 | 4 | 3 | 3 | - | 1 | 5 | 1 | 2 | 1 |
| Columbia | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 2 | 1 | - | 1 | - |
| Coos | 8 | 7 | 11 | 7 | 4 | 8 | 8 | 6 | 2 | 4 | 1 | 2 |
| Crook | 1 | 3 | - | - | - | 11 | - | 2 | - | 1 | - | 1 |
| Curry | 1 | 3 | 6 | 7 | 3 | 3 | 2 | 1 | - | - | - | 1 |
| Deschutes | 11 | 6 | 7 | 11 | 12 | 5 | 7 | 4 | 2 | 5 | 4 | 3 |
| Douglas | 13 | 9 | 11 | 11 | 7 | 7 | 13 | 7 | 5 | 4 | 4 | 3 |
| Gilliam | - | - | - | - | - | - | - | - | - | - | - | - |
| Grant | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 1 | - | - |
| Harney | - | 1 | - | 1 | - | - | 1 | - | 1 | - | - | - |
| Hood River | 4 | 1 | 2 | 1 | - | 6 | 4 | 4 | - | 1 | - | - |
| Jackson | 10 | 16 | 13 | 11 | 16 | 5 | 4 | 10 | 14 | 5 | 5 | 3 |
| Jefferson | 2 | - | 2 | 1 | - | 1 | 1 | - | - | 1 | 2 | - |
| Josephine | 7 | 7 | 12 | 3 | 5 | 5 | 6 | 2 | 2 | 2 | 3 | 1 |
| Klamath | 1 | 8 | 6 | 2 | 5 | 1 | 3 | 2 | 1 | 2 | 1 | 2 |
| Lake | 1 | - | - | 2 | 1 | 1 | - | 1 | 1 | 1 | 1 | - |
| Lane | 26 | 35 | 20 | 27 | 18 | 16 | 17 | 12 | 4 | 12 | 6 | 5 |
| Lincoln | 5 | 1 | 4 | 5 | 2 | 8 | 4 | 6 | 3 | 2 | 1 | 2 |
| Linn | 11 | 8 | 13 | 9 | 3 | 5 | 7 | 7 | 4 | 6 | 4 | 3 |
| Malheur | 5 | - | 1 | 3 | 2 | 1 | - | 2 | 1 | 1 | 1 | 2 |
| Marion | 22 | 21 | 17 | 23 | 13 | 11 | 18 | 15 | 14 | 11 | 5 | 4 |
| Morrow | - | - | - | - | 1 | - | 4 | 2 | 1 | 1 | - | - |
| Multnomah | 52 | 56 | 47 | 45 | 38 | 35 | 37 | 28 | 37 | 20 | 39 | 20 |
| Polk | 3 | 6 | 10 | 6 | 9 | 2 | 4 | 1 | 6 | 3 | 2 | - |
| Sherman | - | - | - | - | - | - | - | - | - | - | - | - |
| Tillamook | 1 | 3 | 4 | 3 | 1 | 2 | 1 | - | 2 | 1 | 3 | 2 |
| Umatilla | 4 | 1 | 6 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 5 | - |
| Union | 6 | - | 2 | 5 | 2 | - | - | - | 3 | - | - | - |
| Wallowa | 3 | - | - | - | - | 1 | - | 1 | 1 | - | - | - |
| Wasco | 3 | 3 | - | - | 2 | 2 | 2 | 1 | 1 | - | - | - |
| Washington | 18 | 22 | 19 | 28 | 19 | 30 | 22 | 13 | 12 | 17 | 9 | 13 |
| Wheeler | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Yamhill | 5 | 5 | 2 | 1 | 5 | 4 | 3 | 3 | 4 | 2 | 2 | 2 |

- Quantity is zero.

¹ Rates per 100,000 population.

TABLE 22. Tobacco-related Deaths by County of Residence, Oregon, 1999

| County of Residence | Total | Linked to Tobacco Use ¹ | | Not Linked | | Unknown | |
|---------------------|--------|------------------------------------|---------|------------|---------|---------|---------|
| | | Number | Percent | Number | Percent | Number | Percent |
| Total | 29,356 | 6,522 | 22.2 | 15,924 | 54.2 | 6,910 | 23.5 |
| Baker | 208 | 40 | 19.2 | 113 | 54.3 | 55 | 26.4 |
| Benton | 456 | 103 | 22.6 | 291 | 63.8 | 62 | 13.6 |
| Clackamas | 2,449 | 481 | 19.6 | 1,398 | 57.1 | 570 | 23.3 |
| Clatsop | 379 | 82 | 21.6 | 182 | 48.0 | 115 | 30.3 |
| Columbia | 371 | 103 | 27.8 | 186 | 50.1 | 82 | 22.1 |
| Coos | 841 | 236 | 28.1 | 424 | 50.4 | 181 | 21.5 |
| Crook | 170 | 38 | 22.4 | 94 | 55.3 | 38 | 22.4 |
| Curry | 332 | 77 | 23.2 | 129 | 38.9 | 126 | 38.0 |
| Deschutes | 840 | 192 | 22.9 | 397 | 47.3 | 251 | 29.9 |
| Douglas | 1,168 | 305 | 26.1 | 562 | 48.1 | 301 | 25.8 |
| Gilliam | 18 | 6 | 33.3 | 7 | 38.9 | 5 | 27.8 |
| Grant | 92 | 24 | 26.1 | 55 | 59.8 | 13 | 14.1 |
| Harney | 82 | 24 | 29.3 | 33 | 40.2 | 25 | 30.5 |
| Hood River | 162 | 32 | 19.8 | 95 | 58.6 | 35 | 21.6 |
| Jackson | 1,804 | 387 | 21.5 | 825 | 45.7 | 592 | 32.8 |
| Jefferson | 155 | 28 | 18.1 | 77 | 49.7 | 50 | 32.3 |
| Josephine | 963 | 225 | 23.4 | 510 | 53.0 | 228 | 23.7 |
| Klamath | 668 | 183 | 27.4 | 305 | 45.7 | 180 | 26.9 |
| Lake | 90 | 24 | 26.7 | 40 | 44.4 | 26 | 28.9 |
| Lane | 2,821 | 622 | 22.0 | 1,431 | 50.7 | 768 | 27.2 |
| Lincoln | 543 | 140 | 25.8 | 236 | 43.5 | 167 | 30.8 |
| Linn | 1,006 | 244 | 24.3 | 543 | 54.0 | 219 | 21.8 |
| Malheur | 245 | 32 | 13.1 | 94 | 38.4 | 119 | 48.6 |
| Marion | 2,436 | 494 | 20.3 | 1,449 | 59.5 | 493 | 20.2 |
| Morrow | 76 | 21 | 27.6 | 39 | 51.3 | 16 | 21.1 |
| Multnomah | 5,690 | 1,214 | 21.3 | 3,256 | 57.2 | 1,220 | 21.4 |
| Polk | 509 | 98 | 19.3 | 299 | 58.7 | 112 | 22.0 |
| Sherman | 20 | 7 | 35.0 | 8 | 40.0 | 5 | 25.0 |
| Tillamook | 306 | 90 | 29.4 | 166 | 54.2 | 50 | 16.3 |
| Umatilla | 599 | 156 | 26.0 | 309 | 51.6 | 134 | 22.4 |
| Union | 248 | 60 | 24.2 | 137 | 55.2 | 51 | 20.6 |
| Wallowa | 84 | 23 | 27.4 | 48 | 57.1 | 13 | 15.5 |
| Wasco | 294 | 75 | 25.5 | 164 | 55.8 | 55 | 18.7 |
| Washington | 2,535 | 492 | 19.4 | 1,579 | 62.3 | 464 | 18.3 |
| Wheeler | 19 | 4 | 21.1 | 10 | 52.6 | 5 | 26.3 |
| Yamhill | 677 | 160 | 23.6 | 433 | 64.0 | 84 | 12.4 |

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

TABLE 23.
Infant Deaths by Age and County of Residence, Oregon, 1999

| County of Residence | Total Infant Deaths ¹ | Infant Death Rate ² | Neonatal Deaths ³ (Age < 28 Days) | | | | Neonatal Rate ² | Post-Neonatal Deaths ⁴ | Post-Neonatal Rate ² |
|---------------------|----------------------------------|--------------------------------|---|---------|----------|-----------|----------------------------|-----------------------------------|---------------------------------|
| | | | Total Neonatal | < 1 Day | 1-6 Days | 7-27 Days | | | |
| Total | 261 | 5.8 | 191 | 113 | 35 | 43 | 4.2 | 70 | 1.5 |
| Baker | - | - | - | - | - | - | - | - | - |
| Benton | 7 | 8.5 | 6 | 3 | 1 | 2 | 7.3 | 1 | 1.2 |
| Clackamas | 16 | 3.9 | 9 | 6 | - | 3 | 2.2 | 7 | 1.7 |
| Clatsop | 3 | 8.0 | 1 | 1 | - | - | 2.7 | 2 | 5.3 |
| Columbia | 3 | 5.3 | 1 | - | - | 1 | 1.8 | 2 | 3.5 |
| Coos | 9 | 13.9 | 7 | 4 | 2 | 1 | 10.8 | 2 | 3.1 |
| Crook | 3 | 13.9 | 2 | 1 | - | 1 | 9.3 | 1 | 4.6 |
| Curry | - | - | - | - | - | - | - | - | - |
| Deschutes | 8 | 6.1 | 8 | 4 | 3 | 1 | 6.1 | - | - |
| Douglas | 9 | 8.0 | 7 | 3 | 3 | 1 | 6.3 | 2 | 1.8 |
| Gilliam | - | - | - | - | - | - | - | - | - |
| Grant | 1 | 12.8 | 1 | 1 | - | - | 12.8 | - | - |
| Hamey | - | - | - | - | - | - | - | - | - |
| Hood River | 4 | 11.8 | 4 | 4 | - | - | 11.8 | - | - |
| Jackson | 10 | 4.8 | 7 | 4 | 1 | 2 | 3.4 | 3 | 1.4 |
| Jefferson | 2 | 6.7 | 1 | 1 | - | - | 3.4 | 1 | 3.4 |
| Josephine | 4 | 4.8 | 2 | 2 | - | - | 2.4 | 2 | 2.4 |
| Klamath | 6 | 7.4 | 3 | 2 | 1 | - | 3.7 | 3 | 3.7 |
| Lake | 1 | 15.2 | 1 | - | - | 1 | 15.2 | - | - |
| Lane | 24 | 6.4 | 17 | 10 | 3 | 4 | 4.5 | 7 | 1.9 |
| Lincoln | 5 | 11.8 | 4 | 3 | 1 | - | 9.5 | 1 | 2.4 |
| Linn | 10 | 6.9 | 7 | 2 | 2 | 3 | 4.8 | 3 | 2.1 |
| Malheur | 4 | 8.0 | 4 | 4 | - | - | 8.0 | - | - |
| Marion | 26 | 5.7 | 21 | 9 | 4 | 8 | 4.6 | 5 | 1.1 |
| Morrow | 2 | 11.1 | 2 | 1 | 1 | - | 11.1 | - | - |
| Multnomah | 46 | 5.0 | 34 | 21 | 7 | 6 | 3.7 | 12 | 1.3 |
| Polk | 3 | 4.6 | 3 | 2 | - | 1 | 4.6 | - | - |
| Sherman | - | - | - | - | - | - | - | - | - |
| Tillamook | 2 | 9.3 | 1 | - | - | 1 | 4.7 | 1 | 4.7 |
| Umatilla | 4 | 3.5 | 2 | 1 | - | 1 | 1.8 | 2 | 1.8 |
| Union | - | - | - | - | - | - | - | - | - |
| Wallowa | 1 | 16.9 | 1 | 1 | - | - | 16.9 | - | - |
| Wasco | 3 | 10.6 | 1 | - | - | 1 | 3.5 | 2 | 7.1 |
| Washington | 39 | 5.5 | 28 | 18 | 5 | 5 | 3.9 | 11 | 1.5 |
| Wheeler | - | - | - | - | - | - | - | - | - |
| Yamhill | 6 | 4.8 | 6 | 5 | 1 | - | 4.8 | - | - |

- Quantity is zero.

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

2. Rates per 1,000 live births.

3. Neonatal Deaths occur during the first 27 days of life.

4. Postneonatal Deaths occur from day 28 through 364 after birth.

No rates were statistically significantly different from the state rate.

WARNING: Rates based on fewer than five events are unreliable.

TABLE 24.
Pregnancy Rates of Teens by County of Residence, Oregon, 1999

| County of Residence | Total Pregnancies (All Ages) | Age | | | | Pregnancy Rate ¹ | | | |
|---------------------|------------------------------|------|-------|-------|-------|-----------------------------|-------|--------|--------|
| | | < 15 | 15-17 | 18-19 | 15-19 | 10-17 | 15-17 | 18-19 | 15-19 |
| Total | 57,744 | 151 | 2,810 | 5,311 | 8,121 | 15.9 | 39.3 | 114.8 | 68.9 |
| Baker | 184 | 1 | 9 | 26 | 35 | 10.8 | 25.2 | 150.6 | 66.1 |
| Benton | 1,014 | 2 | 36 | 64 | 100 | §9.9 | §24.3 | §29.3 | §27.3 |
| Clackamas | 5221 | 6 | 228 | 413 | 641 | §11.9 | §29.9 | §100.2 | §54.6 |
| Clatsop | 472 | - | 26 | 54 | 80 | 12.9 | 32.1 | 115.8 | 62.7 |
| Columbia | 696 | 1 | 28 | 68 | 96 | §10.1 | §25.7 | 123.8 | 58.5 |
| Coos | 756 | 3 | 48 | 98 | 146 | 14.9 | 36.6 | §146.5 | 73.7 |
| Crook | 245 | 1 | 10 | 27 | 37 | 11.3 | 25.8 | 139.5 | 63.6 |
| Curry | 167 | - | 11 | 18 | 29 | 10.2 | 28.0 | 104.1 | 51.3 |
| Deschutes | 1660 | 4 | 66 | 166 | 232 | §11.6 | 29.9 | §135.7 | 67.6 |
| Douglas | 1,335 | 5 | 101 | 183 | 284 | 17.8 | 43.8 | §144.5 | §79.5 |
| Gilliam | 26 | * | * | * | * | * | * | * | * |
| Grant | 88 | - | 7 | 9 | 16 | 14.5 | 34.9 | 91.2 | 53.5 |
| Harney | 99 | - | 10 | 14 | 24 | 20.0 | 51.7 | 173.3 | 87.5 |
| Hood River | 384 | 1 | 13 | 25 | 38 | 11.6 | 30.9 | 109.8 | 58.7 |
| Jackson | 2562 | 2 | 112 | 254 | 366 | §11.5 | §28.6 | 107.6 | §58.4 |
| Jefferson | 335 | 3 | 30 | 40 | 70 | §30.6 | §72.3 | §193.5 | §112.6 |
| Josephine | 964 | 4 | 62 | 84 | 146 | 16.6 | 39.9 | 110.3 | 63.1 |
| Klamath | 971 | 1 | 60 | 114 | 174 | 16.8 | 42.0 | 125.7 | 74.5 |
| Lake | 76 | - | 5 | 9 | 14 | 10.5 | 28.0 | 143.3 | 58.0 |
| Lane | 5,001 | 19 | 245 | 492 | 737 | 15.3 | 36.5 | §89.1 | §60.2 |
| Lincoln | 571 | 2 | 36 | 58 | 94 | 16.8 | 43.0 | 147.4 | 76.4 |
| Linn | 1,670 | 5 | 96 | 188 | 284 | 16.7 | 39.9 | 130.7 | 73.8 |
| Malheur | 512 | 1 | 20 | 70 | 90 | §9.8 | §23.8 | 151.2 | 69.0 |
| Marion | 5,452 | 17 | 318 | 582 | 900 | §20.7 | §51.7 | §149.9 | §89.7 |
| Morrow | 194 | - | 16 | 13 | 29 | 23.8 | 57.4 | 114.2 | 73.9 |
| Multnomah | 13,462 | 33 | 619 | 1,127 | 1,746 | §20.3 | §50.3 | 122.0 | §81.0 |
| Polk | 758 | 1 | 40 | 70 | 110 | §11.2 | 29.3 | §65.6 | §45.2 |
| Sherman | 19 | * | * | * | * | * | * | * | * |
| Tillamook | 274 | 1 | 26 | 29 | 55 | 21.0 | 56.2 | 129.5 | 80.1 |
| Umatilla | 1,324 | 7 | 83 | 158 | 241 | §21.3 | 50.6 | §159.2 | §91.5 |
| Union | 360 | 1 | 20 | 41 | 61 | 13.1 | 31.4 | 93.6 | 56.7 |
| Wallowa | 68 | 1 | 4 | 5 | 9 | 11.6 | 24.2 | 75.4 | 38.8 |
| Wasco | 332 | 1 | 21 | 30 | 51 | 16.0 | 39.0 | 117.7 | 64.3 |
| Washington | 8,998 | 23 | 326 | 620 | 946 | 15.1 | 36.9 | 124.0 | 68.4 |
| Wheeler | 12 | * | * | * | * | * | * | * | * |
| Yamhill | 1,482 | 5 | 78 | 157 | 235 | 15.5 | 39.5 | 111.3 | 69.4 |

¹ All rates per 1,000 females.

- Quantity is zero.

* Detailed reporting of small numbers may breach confidentiality.

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

NOTE: Includes reported abortions obtained out-of-state by Oregon residents. Because some states (e.g., California) do not record data on residence, all out-of-state abortions are not included.

§ Indicates statistically significant difference from the total.

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