

**TABLE 7-15. Perinatal Death Rates by Mother's Risk Factors, Oregon Residents, Birth Cohort 2009**

| Risk Factors                        | Perinatal I <sup>1</sup> |      |       | Perinatal II <sup>2</sup> |      |       | Neonatal <sup>3</sup> |      |
|-------------------------------------|--------------------------|------|-------|---------------------------|------|-------|-----------------------|------|
|                                     | No.                      | Rate | Ratio | No.                       | Rate | Ratio | No.                   | Rate |
| <b>Total</b> <sup>4</sup> .....     | 275                      | 5.8  | 5.8   | 370                       | 7.8  | 7.8   | 158                   | 3.3  |
| <b>Marital Status</b>               |                          |      |       |                           |      |       |                       |      |
| Married .....                       | 170                      | 5.6  | 5.6   | 215                       | 7.0  | 7.1   | 96                    | 3.2  |
| Unmarried .....                     | 103                      | 6.2  | 6.2   | 151                       | 9.0  | 9.1   | 59                    | 3.6  |
| <b>Age of Mother</b>                |                          |      |       |                           |      |       |                       |      |
| 10-14 .....                         | —                        | —    | —     | —                         | —    | —     | —                     | —    |
| 15-19 .....                         | 30                       | 7.3  | 7.4   | 45                        | 11.0 | 11.0  | 13                    | 3.2  |
| 20-24 .....                         | 62                       | 5.7  | 5.7   | 86                        | 7.9  | 7.9   | 38                    | 3.5  |
| 25-29 .....                         | 71                       | 5.1  | 5.1   | 93                        | 6.7  | 6.7   | 46                    | 3.3  |
| 30-34 .....                         | 60                       | 5.2  | 5.2   | 82                        | 7.1  | 7.1   | 35                    | 3.0  |
| 35-39 .....                         | 33                       | 5.9  | 5.9   | 42                        | 7.5  | 7.5   | 15                    | 2.7  |
| 40-44 .....                         | 15                       | 12.8 | 12.9  | 18                        | 15.3 | 15.5  | 8                     | 6.9  |
| 45+ .....                           | 3                        | *    | *     | 3                         | *    | *     | 2                     | *    |
| <b>Non-Hispanic Race</b>            |                          |      |       |                           |      |       |                       |      |
| White .....                         | 193                      | 6.0  | 6.0   | 252                       | 7.8  | 7.8   | 117                   | 3.6  |
| Black .....                         | 7                        | 7.2  | 7.3   | 10                        | 10.3 | 10.4  | 3                     | *    |
| American Indian .....               | 1                        | *    | *     | 2                         | *    | *     | 1                     | *    |
| Asian <sup>5</sup> .....            | 7                        | 3.2  | 3.2   | 11                        | 5.1  | 5.1   | 5                     | 2.3  |
| Pacific Islander <sup>6</sup> ..... | 6                        | 20.1 | 20.5  | 9                         | 30.0 | 30.7  | 2                     | *    |
| Other & Unknown .....               | 3                        | *    | *     | 4                         | *    | *     | 1                     | *    |
| Two or more races .....             | 6                        | 5.0  | 5.1   | 9                         | 7.6  | 7.6   | 5                     | 4.2  |
| <b>Total Hispanic</b> .....         | 52                       | 5.3  | 5.4   | 73                        | 7.5  | 7.5   | 24                    | 2.5  |
| <b>Education</b>                    |                          |      |       |                           |      |       |                       |      |
| 8th Grade or Less .....             | 20                       | 7.9  | 7.9   | 22                        | 8.7  | 8.7   | 9                     | 3.6  |
| Some High School .....              | 39                       | 5.8  | 5.8   | 60                        | 8.8  | 8.9   | 22                    | 3.3  |
| HS Diploma/GED .....                | 75                       | 6.6  | 6.6   | 103                       | 9.0  | 9.1   | 38                    | 3.3  |
| More than HS .....                  | 123                      | 4.7  | 4.7   | 156                       | 5.9  | 5.9   | 85                    | 3.2  |
| <b>Start of Prenatal Care</b>       |                          |      |       |                           |      |       |                       |      |
| Any trimester .....                 | 232                      | 5.2  | 5.2   | 311                       | 7.0  | 7.0   | 124                   | 2.8  |
| 1st trimester .....                 | 171                      | 5.2  | 5.2   | 228                       | 6.9  | 6.9   | 89                    | 2.7  |
| 2nd trimester .....                 | 53                       | 5.5  | 5.6   | 72                        | 7.5  | 7.5   | 31                    | 3.2  |
| 3rd trimester .....                 | 8                        | 4.5  | 4.6   | 11                        | 6.3  | 6.3   | 4                     | *    |
| No prenatal care .....              | 20                       | 48.8 | 49.6  | 24                        | 58.0 | 59.6  | 13                    | 32.3 |
| <b>Tobacco Use</b>                  |                          |      |       |                           |      |       |                       |      |
| Pre-pregnancy only .....            | 8                        | 8.1  | 8.1   | 12                        | 12.0 | 12.2  | 2                     | *    |
| During pregnancy .....              | 33                       | 6.3  | 6.3   | 52                        | 9.8  | 9.9   | 24                    | 4.6  |
| No tobacco use .....                | 226                      | 5.6  | 5.6   | 298                       | 7.3  | 7.4   | 125                   | 3.1  |
| <b>Multiple Birth</b>               |                          |      |       |                           |      |       |                       |      |
| Yes .....                           | 29                       | 18.8 | 18.8  | 41                        | 26.4 | 26.6  | 30                    | 19.5 |
| No .....                            | 246                      | 5.4  | 5.4   | 329                       | 7.2  | 7.2   | 128                   | 2.8  |

<sup>1</sup> Perinatal Definition I includes fetal deaths at 28 weeks of gestation or more and infant deaths of less than 7 days.

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

<sup>3</sup> Neonatal deaths include infant deaths of less than 28 days.

<sup>4</sup> Due to unreported items, the sum of all categories may not equal the total.

<sup>5</sup> Includes Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese and other Asian.

<sup>6</sup> Includes Guamanian, Hawaiian, Samoan and other Pacific Islander.

\* Rates are not calculated when there are fewer than 5 deaths in a category.

— Quantity is zero.

NOTE: Perinatal I and Perinatal II ratios and Neonatal rates are per 1,000 births. Perinatal I rates include all live births and fetal deaths at 28 weeks gestation or more. Perinatal II rates include all live births and fetal deaths at 20 weeks of gestation or more.