

**Oregon Occupational Health Indicators  
2007 - 2016**

| 2007-2016 Data  | OR<br>2007 | OR<br>2008 | OR<br>2009 | OR<br>2010 | OR<br>2011 | OR<br>2012 | OR<br>2013 | OR<br>2014 | OR<br>2015 | OR<br>2016 | Legend |  |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------|--|
|   |            |            |            |            |            |            |            |            |            |            | <5     | less than five cases, data suppressed  |
|   |            |            |            |            |            |            |            |            |            |            | *      | Rate not calculated due to suppressed counts                                       |
| Employed Persons, 16 Years and Older                            | 1,843,000  | 1,842,000  | 1,741,000  | 1,780,000  | 1,818,000  | 1,785,000  | 1,749,000  | 1,807,000  | 1,855,000  | 1,965,000  | n/a    | Data not available, or changes in calculation method produced incomparable results |
| Profile: Employment Demographics                                |            |            |            |            |            |            |            |            |            |            |        |  |
| P1. Percentage of civilian workforce unemployed                 | 5.2        | 6.4        | 11.5       | 11.0       | 9.4        | 8.9        | 7.9        | 7.1        | 6.0        | 4.9        |        |  |
| P2. Percentage of civilian employment self-employed             | 10.2       | 9.9        | 9.9        | 9.4        | 8.9        | 9.9        | 9.3        | 9.1        | 8.6        | 8.8        |        |  |
| P3. Percentage of civilian employment in part-time jobs         | 20.8       | 21.8       | 24.9       | 24.5       | 25.9       | 24.4       | 23.0       | 23.1       | 21.5       | 21.4       |        |  |
| P4. Percentage of civilian employment by number of hours worked |            |            |            |            |            |            |            |            |            |            |        |  |
| <40 hours   | 36.6       | 38.1       | 44.3       | 42.5       | 41.7       | 36.3       | 35.7       | 35.2       | 35.2       | 35.4       |        |  |
| 40 hours  | 36.2       | 36.7       | 32.6       | 33.0       | 33.3       | 33.8       | 36.1       | 36.0       | 35.9       | 35.9       |        |  |
| 41+ hours   | 27.2       | 25.2       | 23.0       | 24.5       | 25.0       | 25.9       | 24.1       | 24.6       | 24.7       | 24.7       |        |  |
| P5. Percentage of civilian employment by sex                    |            |            |            |            |            |            |            |            |            |            |        |  |
| Males   | 54.1       | 52.9       | 52.2       | 52.1       | 49.0       | 52.4       | 52.8       | 52.8       | 52.8       | 53.1       |        |  |
| Females   | 45.9       | 47.1       | 47.8       | 47.9       | 51.0       | 47.6       | 47.2       | 47.3       | 47.3       | 46.9       |        |  |
| P6. Percentage of civilian employment by age group              |            |            |            |            |            |            |            |            |            |            |        |  |
| 16 to 17  | 1.6        | 0.9        | 1.1        | 0.9        | 0.8        | 1.0        | 0.7        | 1.0        | 0.8        | 1.0        |        |  |
| 18 to 64  | 95.0       | 95.7       | 95.1       | 94.9       | 94.2       | 93.6       | 94.5       | 93.2       | 92.4       | 92.5       |        |  |
| 65+   | 3.4        | 3.5        | 3.8        | 4.2        | 5.1        | 5.3        | 4.8        | 5.8        | 6.8        | 6.5        |        |  |
| P7. Percentage of civilian employment by race                   |            |            |            |            |            |            |            |            |            |            |        |  |
| White   | 89.6       | 88.3       | 91.3       | 91.9       | 90.1       | 89.1       | 88.4       | 89.0       | 88.5       | 93.5       |        |  |
| Black   | 1.3        | 1.8        | 1.7        | 1.5        | 1.2        | 1.3        | 1.4        | 1.6        | 2.0        | 1.8        |        |  |
| Other   | 9.1        | 9.8        | 7.0        | 6.6        | 8.7        | 9.6        | 10.2       | 9.4        | 9.5        | 4.7        |        |  |
| P8. Percentage of civilian employment by Hispanic Origin        |            |            |            |            |            |            |            |            |            |            |        |  |
| Hispanic Origin   | 8.8        | 8.6        | 8.5        | 8.2        | 7.4        | 9.2        | 10.3       | 10.1       | 12.0       | 13.3       |        |  |
| P9. Percentage of civilian employment by industry               |            |            |            |            |            |            |            |            |            |            |        |  |
| Mining  | 0.1        | 0.1        | 0.1        | 0.2        | 0.1        | 0.2        | 0.2        | 0.2        | 0.1        | 0.1        |        |  |
| Construction  | 8.7        | 7.7        | 6.6        | 5.6        | 6.1        | 6.1        | 7.2        | 6.1        | 6.0        | 5.7        |        |  |
| Manufacturing - Durable goods                                   | 9.4        | 9.3        | 8.2        | 7.6        | 7.3        | 8.0        | 9.0        | 8.1        | 7.9        | 7.6        |        |  |
| Manufacturing - Non-durable goods                               | 3.0        | 3.4        | 3.6        | 3.7        | 3.4        | 3.6        | 3.9        | 3.9        | 3.9        | 4.2        |        |  |
| Wholesale and Retail Trade                                      | 15.2       | 13.7       | 13.5       | 15.1       | 14.9       | 13.9       | 14.5       | 15.2       | 14.0       | 13.4       |        |  |
| Transportation and Utilities                                    | 4.2        | 4.0        | 4.5        | 4.4        | 4.3        | 4.7        | 4.9        | 5.0        | 4.0        | 3.9        |        |  |
| Information   | 1.9        | 1.7        | 1.9        | 1.7        | 1.7        | 1.5        | 1.7        | 2.0        | 1.7        | 1.6        |        |  |
| Financial Activities  | 6.1        | 6.4        | 6.7        | 5.8        | 6.1        | 5.7        | 5.7        | 5.9        | 6.0        | 6.0        |        |  |
| Professional and Business Services                              | 10.3       | 11.1       | 10.6       | 11.2       | 10.7       | 10.7       | 11.0       | 11.2       | 12.1       | 12.1       |        |  |
| Education and Health Services                                   | 20.6       | 21.4       | 21.9       | 21.9       | 22.8       | 23.0       | 20.3       | 20.5       | 22.6       | 22.8       |        |  |
| Leisure and Hospitality   | 8.1        | 8.8        | 9.5        | 9.7        | 9.1        | 9.7        | 9.1        | 8.2        | 9.2        | 10.4       |        |  |
| Other Services  | 4.4        | 4.2        | 4.2        | 4.3        | 4.9        | 4.8        | 5.4        | 5.2        | 4.8        | 4.6        |        |  |
| Public Administration   | 4.6        | 4.6        | 5.0        | 4.8        | 4.6        | 5.0        | 4.1        | 5.1        | 4.6        | 4.3        |        |  |
| Agriculture and Related   | 3.4        | 3.5        | 3.7        | 3.9        | 4.0        | 3.5        | 3.1        | 3.5        | 3.0        | 3.3        |        |  |
| P10. Percentage of civilian employment by occupation            |            |            |            |            |            |            |            |            |            |            |        |  |
| Management, Business, and Financial Operations                  | 15.9       | 16.8       | 17.2       | 16.4       | 17.0       | 17.5       | 16.7       | 16.8       | 16.3       | 17.7       |        |  |
| Professional and Related Occupations                            | 20.7       | 22.0       | 21.8       | 21.9       | 23.0       | 24.1       | 22.5       | 22         | 24.8       | 22.7       |        |  |
| Service   | 16.7       | 16.0       | 16.9       | 18.3       | 17.4       | 17.6       | 16.5       | 17.1       | 18.1       | 18.9       |        |  |
| Sales and Related Occupations                                   | 10.6       | 10.4       | 10.9       | 11.5       | 11.1       | 9.9        | 11         | 11         | 10.3       | 10.4       |        |  |
| Office and Administrative Support                               | 12.4       | 12.6       | 13.3       | 12.0       | 12.5       | 11.7       | 12.3       | 12.1       | 10.9       | 10.7       |        |  |
| Farming, Fishing, and Forestry                                  | 2.0        | 2.0        | 1.7        | 1.8        | 1.8        | 1.7        | 1.7        | 1.9        | 1.2        | 1.7        |        |  |
| Construction and Extraction                                     | 6.1        | 5.6        | 4.3        | 4.2        | 4.0        | 4.3        | 4.7        | 4.3        | 3.8        | 4          |        |  |
| Installation, Maintenance, and Repair                           | 2.7        | 2.6        | 3.0        | 2.7        | 2.9        | 3.0        | 3          | 3.2        | 2.7        | 2.5        |        |  |
| Production  | 7.1        | 6.6        | 5.3        | 5.4        | 5.1        | 5.0        | 5.6        | 5.3        | 6.1        | 5.2        |        |  |
| Transportation and Material Moving                              | 5.8        | 5.3        | 5.7        | 5.8        | 5.2        | 5.2        | 6.1        | 6.3        | 5.9        | 6.1        |        |  |

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|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---|
| <b>Indicator 1: Non-Fatal Work-Related Injuries and Illnesses Reported by Employers</b>                     |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>1.1 Estimated Annual Total Number of Work-Related Injuries and Illnesses</b>                             | 61,400     | 54,400     | 48,300     | 42,400     | 41,500     | 42,900     | 45,200     | 46,500     | 44,700     | 50,000     |         |   |
| <b>1.2 Estimated Annual Total Work-Related Injuries and Illness Incidence Rate (per 100,000 FTEs)</b>       | 5,100      | 4,600      | 4,400      | 3,800      | 3,800      | 3,900      | 4,100      | 3,900      | 3,700      | 4,000      |         |   |
| <b>1.3 Estimated Annual Total Number of Cases Involving Days Away From Work</b>                             | 20,000     | 17,300     | 15,400     | 15,600     | 14,000     | 16,200     | 15,200     | 17,400     | 15,900     | 19,500     |         |   |
| <b>1.4 Estimated Annual Total Incidence Rate for Cases Involving Days Away From Work (per 100,000 FTEs)</b> | 1,700      | 1,500      | 1,400      | 1,500      | 1,300      | 1,500      | 1,400      | 1,500      | 1,300      | 1,600      |         |   |
| <b>1.5 Estimated Annual Total Number of Cases Involving More Than 10 Days Away From Work</b>                | 7,870      | 7,230      | 6,240      | 7,190      | 6,040      | 6,640      | 6,730      | 7,470      | 6,830      | 7,570      |         |   |
| <b>Indicator 2: Work-Related Hospitalizations</b>   |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>2.1 Annual Number of Inpatient Work-Related Hospitalizations</b>   | 2,366      | 2,295      | 1,859      | 1,660      | 1,581      | 1,472      | 1,167      | 1,242      | 1,191      | 1,063      |         |   |
| <b>2.2 Annual Rate of Inpatient Work-Related Hospitalization (per 100,000 workers)</b>                      | 128.4      | 124.6      | 106.8      | 93.3       | 87.0       | 82.5       | 66.7       | 68.7       | 63.0       | 51.4       |         |   |
| <b>Indicator 3: Fatal Work-Related Injuries</b>   |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>3.1 Annual Number of Fatal Work-Related Injuries</b>   | 69         | 55         | 66         | 47         | 58         | 43         | 49         | 69         | 44         | 72         |         |   |
| <b>3.2 Annual Fatality Rate (per 100,000 FTEs)</b>  | 3.7        | 3.0        | 4.3        | 2.9        | 3.5        | 2.6        | 3.1        | 4.1        | 2.6        | 3.9        |         |   |
| <b>Indicator 4: Work-Related Amputations with Days Away from Work Reported by Employers</b>                 |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>4.1 Estimated Annual Number of Amputations Involving Days Away from Work</b>                             | 110        | 80         | 160        | 40         | 70         | 40         | 40         | 70         | 110        | 100        |         |   |
| <b>4.2 Estimated Annual Incidence Rate of Amputations Involving Days Away from Work (per 100,000 FTEs)</b>  | 9.0        | 7.0        | 14.0       | 4.0        | 6.0        | 3.0        | 3.6        | 6.0        | 9.0        | 8.0        |         |   |

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|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---|
| <b>Indicator 5: State Workers' Compensation Claims for Amputations with Lost Work-Time</b>   |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>5.1 Annual Number of Amputation Cases with Lost Work-Time Filed with State Workers' Compensation System</b>   | 174        | 143        | 104        | 102        | 106        | 89         | 85         | 111        | 113        | 103        |         |   |
| <b>5.2 Annual Incidence Rate of Amputation Cases with Lost Work-Time Filed with State Workers' Compensation System (per 100,000 covered workers)</b>             | 10.2       | 8.5        | 6.6        | 6.5        | 6.7        | 5.5        | 5.2        | 6.5        | 6.4        | 5.7        |         |   |
| <b>Indicator 6: Hospitalizations for Work-Related Burns</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>6.1 Annual Number of Inpatient Hospitalizations for Work-Related Burns</b>  | 28         | 21         | 10         | 22         | 35         | 21         | 14         | 18         | 22         | 14         |         |   |
| <b>6.2 Annual Rate of Inpatient Hospitalizations for Work-Related Burns (per 100,000 workers)</b>  | 1.5        | 1.1        | 0.6        | 1.2        | 1.9        | 1.2        | 0.8        | 1.0        | 1.2        | 0.7        |         |   |
| <b>Indicator 7: Work-Related Musculoskeletal Disorders (MSDs) with Days Away from Work</b>   |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>7.1 Estimated Annual Number of All MSDs Involving Days Away from Work</b>   | 6,320      | 6,240      | 5,820      | 5,640      | 5,710      | 6,750      | 5,890      | 5,870      | 6,190      | 6,650      |         |   |
| <b>7.2 Estimated Annual Incidence Rate of All MSDs Involving Days Away from Work (per 100,000 FTEs)</b>  | 530.0      | 531.0      | 528.0      | 525.0      | 522.0      | 616.0      | 530.0      | 496.0      | 516.0      | 532.0      |         |   |
| <b>7.3 Estimated Annual Number of MSDs of the Neck, Shoulder &amp; Upper Extremities Involving Days Away from Work</b>   | 1,890      | 1,710      | 1,420      | 1,600      | 2,020      | 2,160      | 1,810      | 1,850      | 1,690      | 1,950      |         |   |
| <b>7.4 Estimated Annual Incidence Rate of MSDs of Neck, Shoulder, and Upper Extremities</b>  | 157.0      | 146.0      | 130.0      | 142.0      | 194.0      | 197.0      | 163.0      | 156.0      | 141.0      | 157.0      |         |   |
| <b>7.5 Estimated Annual Number of Carpal Tunnel Syndrome Cases Involving Days Away from</b>  | 230        | 120        | 160        | 120        | 150        | 230        | 100        | 110        | 60         | 90         |         |   |
| <b>7.6 Estimated Annual Incidence Rate of Carpal Tunnel Syndrome Cases Involving Days Away</b>   | 20.0       | 10.0       | 14.0       | 12.0       | 13.0       | 21.0       | 9.0        | 9.0        | 5.0        | 7.0        |         |   |
| <b>7.7 Estimated Annual Number of MSDs of the Back Involving Days Away from Work</b>   | 3,080      | 2,920      | 3,040      | 2,770      | 2,620      | 2,560      | 2,330      | 2,390      | 2,830      | 2,750      |         |   |
| <b>7.8 Estimated Annual Incidence Rate of MSDs of the Back Involving Days Away from Work (per 100,000 FTEs)</b>  | 258.0      | 248.0      | 276.0      | 258.0      | 239.0      | 234.0      | 210.0      | 202.0      | 236.0      | 220.0      |         |   |
| <b>Indicator 8: State Workers' Compensation Claims for Carpal Tunnel Syndrome With Lost Work-Time</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>8.1 Annual Number of Carpal Tunnel Syndrome Cases with Lost Work-Time Filed with State Workers' Compensation System</b>                                       | 239        | 228        | 198        | 97         | 107        | 97         | 159        | 127        | 55         | 109        |         |   |
| <b>8.2 Annual Incidence Rate of Carpal Tunnel Syndrome Cases with Lost Work-Time Filed with State Workers' Compensation System (per 100,000 covered workers)</b> | 14.1       | 13.5       | 12.5       | 6.2        | 6.7        | 6.0        | 9.6        | 7.5        | 3.0        | 6.0        |         |   |

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| <b>Indicator 9: Hospitalizations from or with Pneumoconiosis</b>   |            |            |            |            |            |            |            |            |            |            |         |   |
| 9.1.1 Annual Number of Inpatient Hospital Discharges for Total Pneumoconiosis  | 230        | 252        | 234        | 200        | 164        | 170        | 157        | 163        | 119        | 87         |         |   |
| 9.1.2 Annual Rate of Inpatient Hospital Discharges for Total Pneumoconiosis (per 1,000,000 residents)                                  | 76.0       | 82.0       | 75.5       | 64.2       | 52.0       | 51.8       | 48.8       | 50.0       | 35.9       | 24.3       |         |   |
| 9.1.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Total Pneumoconiosis (per 1,000,000 residents)                 | 73.0       | 77.7       | 70.9       | 60.1       | 47.7       | 45.8       | 42.6       | 43.9       | 30.4       | 29.9       |         |   |
| 9.2.1 Annual Number of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis  | 5          | 19         | 7          | 8          | 8          | <5         | <5         | 6          | <5         | <5         |         |   |
| 9.2.2 Annual Rate of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis (per 1,000,000 residents)                          | 1.7        | 6.2        | 2.3        | 2.6        | 2.5        | *          | *          | 1.8        | *          | *          |         |   |
| 9.2.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis (per 1,000,000 residents)         | 1.4        | 6.2        | 2.2        | 2.7        | 1.9        | *          | *          | 1.6        | *          | *          |         |   |
| 9.3.1 Annual Number of Inpatient Hospital Discharges for Asbestosis  | 216        | 221        | 221        | 188        | 146        | 155        | 143        | 149        | 111        | 73         |         |   |
| Discharges for Asbestosis (per 1,000,000 residents)  | 71.3       | 71.9       | 71.3       | 60.4       | 46.3       | 47.3       | 44.4       | 45.7       | 33.5       | 21.6       |         |   |
| 9.3.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Asbestosis (per 1,000,000 residents)                           | 68.8       | 67.9       | 66.9       | 56.5       | 42.7       | 41.8       | 38.4       | 40.3       | 28.6       | 25.1       |         |   |
| 9.4.1 Annual Number of Inpatient Hospital Discharges for Silicosis   | 8          | 10         | 5          | <5         | 9          | 7          | 8          | 6          | <5         | 8          |         |   |
| Discharges for Silicosis (per 1,000,000 residents)   | 2.6        | 3.3        | 1.6        | *          | 2.9        | 2.1        | 2.5        | 1.8        | *          | 2.4        |         |   |
| 9.4.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Silicosis (per 1,000,000 residents)                            | 2.6        | 2.9        | 1.6        | *          | 2.8        | 1.8        | 2.4        | 1.5        | *          | 2.7        |         |   |
| 9.5.1 Annual Number of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis  | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         |         |   |
| 9.5.2 Annual Rate of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis (per 1,000,000 residents)                  | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |         |   |
| 9.5.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis (per 1,000,000 residents) | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |         |   |

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| <b>Indicator 10: Mortality from or with Pneumoconiosis</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>10.1.1 Annual Number of Total Pneumoconiosis Deaths</b>  | 30         | 31         | 26         | 37         | 36         | 30         | 28         | 26         | 31         | 39         |         |   |
| <b>10.1.2 Annual Total Pneumoconiosis Death Rate (per 1,000,000 residents)</b>                                  | 9.9        | 10.1       | 8.4        | 11.9       | 11.4       | 9.1        | 8.5        | 8.0        | 9.4        | 11.6       |         |   |
| <b>10.1.3 Annual Age-Standardized Total Pneumoconiosis Death Rate (per 1,000,000)</b>                           | 9.5        | 9.8        | 7.8        | 10.8       | 10.8       | 8.4        | 7.3        | 7.3        | 7.8        | 13.4       |         |   |
| <b>10.2.1 Annual Number of Coal Workers' Pneumoconiosis Deaths</b>  | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         |         |   |
| <b>10.2.2 Annual Coal Workers' Pneumoconiosis Death Rate (per 1,000,000 residents)</b>                          | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |         |   |
| <b>10.2.3 Annual Age-Standardized Coal Workers' Pneumoconiosis Death Rate (per 1,000,000 residents)</b>         | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |         |   |
| <b>10.3.1 Annual Number of Asbestosis Deaths</b>  | 29         | 30         | 26         | 33         | 34         | 29         | 25         | 24         | 30         | 36         |         |   |
| <b>10.3.2 Annual Asbestosis Death Rate (per 1,000,000 residents)</b>  | 9.6        | 9.8        | 8.4        | 10.6       | 11.4       | 9.1        | 7.6        | 7.4        | 9.1        | 10.7       |         |   |
| <b>10.3.3 Annual Age-Standardized Asbestosis Death Rate (per 1,000,000 residents)</b>                           | 9          | 9.5        | 7.8        | 9.7        | 10.3       | 8.4        | 7.2        | 6.8        | 7.5        | 11.4       |         |   |
| <b>10.4.1 Annual Number of Silicosis Deaths</b>   | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         |         |   |
| <b>10.4.2 Annual Silicosis Death Rate (per 1,000,000 residents)</b>   | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |         |   |
| <b>10.4.3 Annual Age-Standardized Silicosis Death Rate (per 1,000,000 residents)</b>                            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |         |   |
| <b>10.5.1 Annual Number of Other and Unspecified Pneumoconiosis Deaths</b>                                      | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         |         |   |
| <b>10.5.2 Annual Other and Unspecified Pneumoconiosis Death Rate (per 1,000,000)</b>                            | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |         |   |
| <b>10.5.3 Annual Age-Standardized Other and Unspecified Pneumoconiosis Death Rate (per 1,000,000 residents)</b> | *          | *          | *          | *          | *          | *          | *          | *          | *          | *          |         |   |

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|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---|
| <b>Indicator 11: Acute Work-Related Pesticide-Associated Illness and Injury Reported to Poison Control Centers</b> |            |            |            |            |            |            |            |            |            |            |         |   |
| 11.1 Annual Number of Reported Work-Related Pesticide Poisoning Cases  | 56         | 43         | 44         | 72         | 73         | 55         | 45         | 64         | 49         | 47         |         |   |
| 11.2 Annual Incidence Rate of Reported Work-Related Pesticide Poisoning Cases (per 100,000 workers)                | 3.0        | 2.3        | 2.5        | 4.0        | 4.0        | 3.1        | 2.6        | 3.5        | 2.4        | 2.4        |         |   |
| <b>Indicator 12: Incidence of Malignant Mesothelioma, Ages 15 and Older</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| 12.1 Annual Number of Incident Mesothelioma Cases  | 39         | 27         | 43         | 46         | 53         | 48         | 51         | 42         | 45         | 35         |         |   |
| 12.2 Annual Mesothelioma Incidence Rate (per 1,000,000 residents)  | 12.9       | 8.8        | 13.9       | 14.8       | 16.8       | 15.1       | 14.7       | 13.0       | 14.0       | 10.4       |         |   |
| 12.3 Annual Age-Standardized Mesothelioma Incidence Rate (per 1,000,000 residents)                                 | 11.9       | 8.7        | 13.3       | 13.9       | 15.1       | 13.2       | 13.9       | 11.0       | 11.7       | 12.0       |         |   |

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|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---|
| <b>Indicator 13: Elevated Blood Lead Levels (BLL)<br/>Among Adults</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| 13.1.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 5 µg/dL)   |            |            |            |            |            |            |            | 657        | 693        | 801        |         |   |
| 13.1.2 Annual Prevalence Rate of Blood Lead Levels (≥ 5 µg/dL) (per 100,000 workers)                                    |            |            |            |            |            |            |            | 36.4       | 37.4       | 38.9       |         |   |
| 13.1.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 5 µg/dL)                                      |            |            |            |            |            |            |            |            | 213        | 266        |         |   |
| 13.1.4 Annual Incidence Rate of Blood Lead Levels (≥ 5 µg/dL) (per 100,000 workers)                                     |            |            |            |            |            |            |            |            | 11.5       | 12.9       |         |   |
| 13.2.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 10 µg/dL)  | 286        | 335        | 302        | 344        | 282        | 307        | 298        | n/a        | 311        | 421        |         |   |
| 13.2.2 Annual Prevalence Rate of Blood Lead Levels (≥ 10 µg/dL) (per 100,000 workers)                                   | 15.5       | 18.2       | 17.3       | 19.3       | 15.5       | 17.2       | 17.0       | n/a        | 16.8       | 20.4       |         |   |
| 13.2.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 10 µg/dL)                                     | 129        | 155        | 132        | 200        | 127        | 153        | 64         | n/a        | 74         | 102        |         |   |
| 13.2.4 Annual Incidence Rate of Blood Lead Levels (≥ 10 µg/dL) (per 100,000 workers)                                    | 7.0        | 8.4        | 7.6        | 11.2       | 7.0        | 8.6        | 3.7        | n/a        | 4.0        | 4.9        |         |   |
| 13.3.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 25 µg/dL)  | 61         | 57         | 44         | 38         | 46         | 42         | 42         | n/a        | 51         | 28         |         |   |
| 13.3.2 Annual Prevalence Rate of Blood Lead Levels (≥ 25 µg/dL) (per 100,000 workers)                                   | 3.3        | 3.1        | 2.5        | 2.1        | 2.5        | 2.4        | 2.4        | n/a        | 2.7        | 1.4        |         |   |
| 13.3.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 25 µg/dL)                                     | 27         | 23         | 18         | 21         | 30         | 31         | 8          | n/a        | 8.0        | 5.0        |         |   |
| 13.3.4 Annual Incidence Rate of Blood Lead Levels (≥ 25 µg/dL) (per 100,000 workers)                                    | 1.5        | 1.2        | 1.0        | 1.2        | 1.7        | 1.7        | 0.5        | n/a        | 0.4        | 0.3        |         |   |
| 13.4.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 40 µg/dL)  | 10         | 15         | 6          | <5         | 7          | 7          | <5         | 11         | 7          | 7          |         |   |
| 13.4.2 Annual Prevalence Rate of Blood Lead Levels (≥ 40 mcg/dL) (per 100,000 workers)                                  | 0.5        | 0.8        | 0.3        | *          | 0.4        | 0.4        | *          | 0.6        | 0.4        | 0.3        |         |   |
| 13.4.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 40 µg/dL)                                     | 7          | 11         | <5         | <5         | 7          | 6          | <5         | 8          | <5         | <5         |         |   |
| 13.4.4 Annual Incidence Rate of Blood Lead Levels (≥ 40 µg/dL) (per 100,000 workers)                                    | 0.4        | 0.6        | *          | *          | 0.4        | 0.4        | *          | 0.4        | *          | *          |         |   |
| <b>Indicator 14: Percentage of Workers Employed in Industries at High Risk for Occupational Morbidity</b>               |            |            |            |            |            |            |            |            |            |            |         |   |
| 14.1 Number of Employed Persons in High Morbidity Risk North American Industry Classification System (NAICS) Industries | 120,986    | 115,439    | 105,438    | 103,598    | 105,197    | 105,467    | 77,245     | 93,146     | 95,163     | 96,827     |         |   |
| 14.2 Percentage of Employed Persons in High Morbidity Risk NAICS Industries   | 8.2        | 7.8        | 7.7        | 7.7        | 7.8        | 7.7        | 5.5        | 6.5        | 6.3        | 6.2        |         |   |

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|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---|
| <b>Indicator 15: Percentage of Workers Employed in Occupations at High Risk for Occupational Morbidity</b>                |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>15.1 Number of Employed Persons in High Morbidity Risk Bureau of the Census (BOC) Occupations</b>                      | 221,010    | 187,218    | 165,792    | 176,923    | 175,246    | 174,270    | 174,739    | 187,031    | 200,724    | 238,829    |         |   |
| <b>15.2 Percentage of Employed Persons in High Morbidity Risk BOC Occupations</b>   | 12.0       | 14.0       | 13.5       | 14.0       | 13.4       | 13.8       | 13.6       | 14.3       | 14.8       | 16.4       |         |   |
| <b>Indicator 16: Percentage of Workers Employed in Industries and Occupations at High Risk for Occupational Mortality</b> |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>16.1 Number of Employed Persons in High Mortality Risk Bureau of Census (BOC)</b>                                      | 322,331    | 303,886    | 271,847    | 270,845    | 275,590    | 258,559    | 273,578    | 263,977    | 250,344    | 261,170    |         |   |
| <b>16.2 Percentage of Employed Persons in High Mortality Risk BOC Industries</b>  | 17.5       | 18.9       | 18.2       | 17.8       | 17.7       | 16.9       | 18.0       | 17.1       | 15.6       | 15.1       |         |   |
| <b>16.3 Number of Employed Persons in High Mortality Risk BOC Occupations</b>   | 220,095    | 206,858    | 191,053    | 198,093    | 193,021    | 194,835    | 208,101    | 194,976    | 132,344    | 205,778    |         |   |
| <b>16.4 Percentage of Employed Persons in High Mortality Risk BOC Occupations</b>   | 12.0       | 12.9       | 12.8       | 13.0       | 12.4       | 12.7       | 13.7       | 12.6       | 8.2        | 11.9       |         |   |



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|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---|
| <b>Indicator 17: Occupational Safety and Health Professionals</b>   |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>17.1.1 Number of Board-Certified Occupational Medicine Physicians</b>  |            |            |            |            |            |            |            | 44         | 47         |            |         |   |
| <b>17.1.2 Rate of Board-Certified Occupational Medicine Physicians (per 100,000 employees)</b>                            | 2.0        | 2.1        | 2.5        | 2.5        | n/a        | 3.0        | *          | 2.4        | 2.5        |            |         |   |
| <b>17.2.1 Number of American College of Occupational and Environmental Medicine (ACOEM) Members</b>                       |            |            |            |            |            |            |            | 33         | 39         |            |         |   |
| <b>17.2.2 Rate of American College of Occupational and Environmental Medicine (ACOEM) Members (per 100,000 employees)</b> | 2.8        | 2.6        | 2.7        | 2.6        | n/a        | 2.2        | 2.3        | 1.8        | 2.1        |            |         |   |
| <b>17.3.1 Number of Board-Certified Occupational Health Nurses</b>  |            |            |            |            |            |            |            | 38         | 37         |            |         |   |
| <b>17.3.2 Rate of Board-Certified Occupational Health Nurses (per 100,000 employees)</b>                                  | 3.2        | 3.1        | 3.0        | 2.7        | n/a        | n/a        | 2.3        | 2.1        | 2.0        |            |         |   |
| <b>17.4.1 Number of American Association of Occupational Health Nurse (AAOHN) Members</b>                                 |            |            |            |            |            |            |            |            |            |            |         |   |
| <b>17.4.2 Rate of American Association of Occupational Health Nurse (AAOHN) Members (per 100,000 employees)</b>           | 3.7        | 3.4        | 2.9        | n/a        | n/a        | 2.1        | n/a        | n/a        | n/a        |            |         |   |
| <b>17.5.1 Number of Board-Certified Industrial Hygienists</b>   |            |            |            |            |            |            |            | 68         | 33         |            |         |   |
| <b>17.5.2 Rate of Board-Certified Industrial Hygienists (per 100,000 employees)</b>                                       | 4.2        | 4.1        | 4.6        | 4.4        | n/a        | 3.0        | 4.1        | 3.8        | 1.8        |            |         |   |
| <b>17.6.1 Number of American Industrial Hygiene Association (AIHA) Members</b>  |            |            |            |            |            |            |            | 10         | 96         |            |         |   |
| <b>17.6.2 Rate of American Industrial Hygiene Association (AIHA) Members (per 100,000 employees)</b>                      | 5.2        | 5.3        | 5.1        | 4.6        | n/a        | 5.7        | 4.5        | 0.6        | 5.2        |            |         |   |
| <b>17.7.1 Number of Board-Certified Safety Health Professionals (BCSP)</b>  |            |            |            |            |            |            |            | 131        | 146        |            |         |   |
| <b>17.7.2 Rate of Board-Certified Safety Health Professionals (BCSP) (per 100,000 employees)</b>                          | 5.6        | 5.4        | 6.0        | 6.2        | n/a        | 6.1        | 6.8        | 7.2        | 7.9        |            |         |   |
| <b>17.8.1 Number of American Society of Safety Engineers (ASSE) Members</b>   |            |            |            |            |            |            |            | 487        | 504        |            |         |   |
| <b>17.8.2 Rate of American Society of Safety Engineers (ASSE) Members (per 100,000)</b>                                   | 28.9       | 28.9       | 27.6       | 27.4       | n/a        | 28.7       | 29.6       | 27.0       | 27.2       |            |         |   |

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|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------|---|
| <b>Indicator 18: OSHA Enforcement Activities</b>  |               |               |               |               |               |               |               |                |                |                |         |   |
| <b>18.1 Annual Number of Employer Establishments Inspected by OSHA</b>  | 5,799         | 5,898         | 5,689         | 5,390         | 4,484         | 4,312         | 4,510         | 4,234          | 4,328          | 3,988          |         |   |
| <b>18.2 Number of OSHA-Covered Establishments that are Eligible for OSHA Inspection (EXCLUDING MINES &amp; FARMS)</b> | 128,184       | 125,938       | 124,218       | 124,618       | 126,268       | 128,887       | 128,892       | 134,891        | 141,395        | 142,572        |         |   |
| <b>18.3 Percentage of OSHA-Covered Establishments Eligible for Inspection that were Inspected by OSHA</b>             | 4.5           | 4.7           | 4.6           | 4.3           | 3.6           | 3.3           | 3.5           | 3.1            | 3.1            | 2.8            |         |   |
| <b>18.4 Annual Number of Employees Whose Work Areas were Inspected by OSHA</b>  | 247,269       | 207,178       | 199,733       | 148,163       | 114,577       | 129,782       | 116,500       | 148,064        | 123,645        | 126,096        |         |   |
| <b>18.5 Number of OSHA-Covered Employees (EXCLUDING MINERS &amp; FARMERS)</b>   |               |               |               |               |               |               | 1,646,786     | 1,725,906      | 1,787,398      | 1,808,941      |         |   |
| <b>18.6 Percentage of OSHA-Covered Employees Eligible for Inspection Whose Work Areas were Inspected by OSHA</b>      | 14.6          | 12.3          | 12.7          | 9.5           | 7.2           | 8.0           | 7.1           | 8.6            | 6.9            | 7.0            |         |   |
| <b>Indicator 19: Workers' Compensation Awards</b>   |               |               |               |               |               |               |               |                |                |                |         |   |
| <b>19.1 Total Amount of Workers' Compensation Benefits Paid</b>   | \$585,699,000 | \$601,849,000 | \$623,095,000 | \$633,054,000 | \$568,516,000 | \$660,533,000 | \$668,686,000 | \$ 655,971,000 | \$ 631,907,000 | \$ 632,760,000 |         |   |
| <b>19.2 Average Amount of Workers' Compensation Benefits Paid (per covered worker)</b>                                | \$345         | \$357         | \$395         | \$404         | \$358         | \$410         | \$405         | \$386          | \$353          | \$349          |         |   |
| <b>Indicator 20: Work-Related Low Back Disorder Hospitalizations</b>  |               |               |               |               |               |               |               |                |                |                |         |   |
| <b>20.1 Annual Number of Work-Related Surgical Low Back Disorder Hospitalizations</b>                                 | 373           | 409           | 322           | 265           | 193           | 198           | 133           | 90             | n/a            | n/a            |         |   |
| <b>20.2 Annual Rate of Work-Related Surgical Low Back Disorder Hospitalization (per 100,000 workers)</b>              | 20.2          | 22.2          | 18.5          | 14.9          | 10.6          | 11.1          | 7.6           | 5.0            | n/a            | n/a            |         |   |
| <b>20.3 Annual Number of Work-Related Low Back Disorder Hospitalizations</b>  | 439           | 478           | 378           | 292           | 228           | 227           | 159           | 127            | n/a            | n/a            |         |   |
| <b>20.4 Annual Rate of Work-Related Low Back Disorder Hospitalizations (per 100,000 workers)</b>                      | 23.8          | 26.0          | 21.7          | 16.4          | 12.3          | 12.7          | 9.1           | 7.0            | n/a            | n/a            |         |   |

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|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---|
| <b>Indicator 21: Asthma Among Adults Caused or Made Worse by Work</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| 21.1 Weighted estimate of the number of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work (LANDLINE & CELLPHONE ESTIMATES) |            |            |            |            |            | 117        | 84         | 90         | 107        | 79         |         |   |
| 21.2 Estimated proportion of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work (LANDLINE & CELLPHONE ESTIMATES)            |            |            |            |            |            | 55.9       | 49.5       | 60.0       | 53.6       | 54.0       |         |   |
| <b>Indicator 22: Work-Related Severe Traumatic Injury Hospitalizations</b>   |            |            |            |            |            |            |            |            |            |            |         |   |
| 22.1 Annual Number of Work-Related Severe Traumatic Injury Hospitalizations  |            |            |            |            |            | 203        | 187        | 204        | n/a        | n/a        |         |   |
| 22.2 Annual Rate of Work-Related Severe Traumatic Injury Hospitalizations (per 100,000 workers)  |            |            |            |            |            | 11.4       | 10.7       | 11.3       | n/a        | n/a        |         |   |
| <b>Indicator 23: Influenza Vaccination Coverage Among Hospital Care Personnel</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| 23.1 Pooled Proportion of Hospital Care Personnel Influenza Vaccination Coverage in Acute Care Hospitals (2013–2014 influenza season)  |            |            |            |            |            |            |            | 76.0       | 79.0       | 78.0       |         |   |
| <b>Indicator 24: Occupational Heat-Related Emergency Department (ED) Visits</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| 24.1 Annual Number of Emergency Department Visits for Occupational Heat-Related Illness  |            |            |            |            |            |            |            |            | n/a        | 8.0        |         |   |
| 24.2 Annual Rate of Emergency Department Visits for Occupational Heat-Related Illness (per 100,000 workers)  |            |            |            |            |            |            |            |            | n/a        | 0.4        |         |   |
| <b>Indicator 25: Hospitalizations for or with Occupational Eye Injuries</b>  |            |            |            |            |            |            |            |            |            |            |         |   |
| 25.1 Annual Number of Inpatient Hospitalizations for or with Occupational Eye Injuries   |            |            |            |            |            |            |            |            |            | 20.0       |         |   |
| 25.2 Annual Rate of Inpatient Hospitalizations for Occupational Eye Injuries (per 100,000 employed persons)  |            |            |            |            |            |            |            |            |            | 1.0        |         |   |
|  |            |            |            |            |            |            |            |            |            |            |         |   |
|  |            |            |            |            |            |            |            |            |            |            |         |   |