

Tennessee

Occupational Health Indicators - 2020 Data

| Profile: Employment Demographics | | 2020 |
|--|--|----------|
| Employed Persons, 16 Years and Older (in thousands) | | 3,040 |
| P1. Percentage of civilian workforce unemployed | | 7.70 |
| P2. Percentage of civilian employment self-employed | | 7.86 |
| P3. Percentage of civilian employment in part-time jobs | | 15.7 |
| P4. Percentage of civilian employment by number of hours worked | | |
| 0 to 39 hours | | 34.74 |
| 40 hours | | 43.13 |
| 41+ hours | | 22.14 |
| P5. Percentage of civilian employment by sex | | |
| Males | | 52.66 |
| Females | | 47.34 |
| P6. Percentage of civilian employment by age group | | |
| 16 to 17 | | 1.13 |
| 18 to 64 | | 92.72 |
| 65+ | | 6.14 |
| P7. Percentage of civilian employment by race | | |
| White | | 80.76 |
| Black | | 15.30 |
| Other | | 3.95 |
| P8. Percentage of civilian employment by Hispanic Origin | | 6.32 |
| P9. Percentage of civilian employment by industry | | |
| Mining and logging | | 0.20 |
| Construction | | 7.40 |
| Manufacturing: Durable Goods | | 7.50 |
| Manufacturing: Nondurable Goods | | 3.50 |
| Wholesale and retail trade | | 13.20 |
| Transportation and utilities | | 7.60 |
| Information | | 1.50 |
| Financial activities | | 7.10 |
| Professional and business services | | 11.20 |
| Education and health services | | 21.40 |
| Leisure and hospitality | | 9.10 |
| Other services | | 4.70 |
| Public administration | | 4.40 |
| Agriculture and related industries | | 1.20 |
| P10. Percentage of civilian employment by occupation | | |
| Management, business and financial operations | | 16.50 |
| Professional and related occupations | | 23.20 |
| Service | | 15.60 |
| Sales and related occupations | | 10.20 |
| Office and administrative support | | 10.30 |
| Farming, fishing, and forestry | | 0.40 |
| Construction and extraction | | 5.50 |
| Installation, maintenance, and repair | | 3.70 |
| Production | | 6.20 |
| Transportation and material moving | | 8.30 |
| P11. Percentage of civilian employment by union membership | | |
| Union members | | 4.40 |
| Represented by a union | | 5.10 |
| Indicator 1: Non-Fatal Work-Related Injuries and Illnesses Reported by Employers | | |
| 1.1 Estimated Annual Total Number of Work-Related Injuries and Illnesses | | 57,500 |
| 1.2 Estimated Annual Total Work-Related Injuries and Illness Incidence Rate (per 100,000 FTEs) | | 2,700.00 |
| 1.3 Estimated Annual Total Number of Cases Involving Days Away From Work | | 22,700 |
| 1.4 Estimated Annual Total Incidence Rate for Cases Involving Days Away From Work (per 100,000 FTEs) | | 1,100.00 |
| 1.5 Estimated Annual Total Number of Cases Involving More Than 10 Days Away From Work | | 11,370 |
| Indicator 2: Work-Related Hospitalizations | | |
| 2.1 Annual Number of Inpatient Work-Related Hospitalizations | | 2,423 |
| 2.2 Annual Rate of Inpatient Work-Related Hospitalization (per 100,000 employed persons) | | 79.70 |
| Indicator 3: Fatal Work-Related Injuries | | |
| 3.1 Annual Number of Fatal Work-Related Injuries | | 142 |
| 3.2 Annual Fatality Rate (per 100,000 FTEs) | | 4.97 |
| Indicator 4: Work-Related Amputations with Days Away from Work Reported by Employers | | |
| 4.1 Estimated Annual Number of Work-Related Amputations Involving Days Away from Work | | 120 |
| 4.2 Estimated Annual Incidence Rate of Work-Related Amputations Involving Days Away from Work (per 100,000 FTEs) | | 6.00 |
| Indicator 5: State Workers' Compensation Claims for Amputations with Lost Work-Time | | |
| 5.1 Annual Number of Amputation Cases with Lost Work-Time Filed with State Workers' Compensation System | | 121 |
| 5.2 Annual Incidence Rate of Amputation Cases with Lost Work-Time Filed with State Workers' Compensation System (per 100,000 covered workers) | | 4.36 |
| Indicator 6: Hospitalizations for Work-Related Burns | | |
| 6.1 Annual Number of Inpatient Hospitalizations for Work-Related Burns | | 44 |
| 6.2 Annual Rate of Inpatient Hospitalizations for Work-Related Burns (per 100,000 employed persons) | | 1.45 |
| Indicator 7: Work-Related Musculoskeletal Disorders (MSDs) with Days Away from Work Reported by Employers | | |
| 7.1 Estimated Annual Number of All MSDs Involving Days Away from Work | | 4,760 |
| 7.2 Estimated Annual Incidence Rate of All MSDs Involving Days Away from Work (per 100,000 FTEs) | | 225.00 |
| 7.3 Estimated Annual Number of MSDs of the Neck, Shoulder & Upper Extremities Involving Days Away from Work | | 1,760 |

| | |
|---|-------|
| 7.4 Estimated Annual Incidence Rate of MSDs of Neck, Shoulder, and Upper Extremities Involving Days Away from Work (per 100,000 FTEs) | 83.00 |
| 7.5 Estimated Annual Number of Carpal Tunnel Syndrome Cases Involving Days Away from Work | 50 |
| 7.6 Estimated Annual Incidence Rate of Carpal Tunnel Syndrome Cases Involving Days Away from Work (per 100,000 FTEs) | 3.00 |
| 7.7 Estimated Annual Number of MSDs of the Back Involving Days Away from Work | 1,490 |
| 7.8 Estimated Annual Incidence Rate of MSDs of the Back Involving Days Away from Work (per 100,000 FTEs) | 71.00 |
| Indicator 8: State Workers' Compensation Claims for Carpal Tunnel Syndrome With Lost Work-Time | |
| 8.1 Annual Number of Carpal Tunnel Syndrome Cases with Lost Work-Time Filed with State Workers' Compensation System | 70 |
| 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) | 2.52 |
| Indicator 9: Hospitalizations from or with Pneumoconiosis | |
| 9.1.1 Annual Number of Inpatient Hospital Discharges for Total Pneumoconiosis | 452 |
| 9.1.2 Annual Rate of Inpatient Hospital Discharges for Total Pneumoconiosis (per 1,000,000 residents) | 81.85 |
| 9.1.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Total Pneumoconiosis (per 1,000,000 residents) | 69.80 |
| 9.2.1 Annual Number of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis | 156 |
| 9.2.2 Annual Rate of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis (per 1,000,000 residents) | 28.25 |
| 9.2.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Coal Workers' Pneumoconiosis (per 1,000,000 residents) | 23.07 |
| 9.3.1 Annual Number of Inpatient Hospital Discharges for Asbestosis | 232 |
| 9.3.2 Annual Rate of Inpatient Hospital Discharges for Asbestosis (per 1,000,000 residents) | 42.01 |
| 9.3.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Asbestosis (per 1,000,000 residents) | 36.42 |
| 9.4.1 Annual Number of Inpatient Hospital Discharges for Silicosis | 18 |
| 9.4.2 Annual Rate of Inpatient Hospital Discharges for Silicosis (per 1,000,000 residents) | 3.26 |
| 9.4.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Silicosis (per 1,000,000 residents) | 2.82 |
| 9.5.1 Annual Number of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis | 54 |
| 9.5.2 Annual Rate of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis (per 1,000,000 residents) | 9.78 |
| 9.5.3 Annual Age-Standardized Rate of Inpatient Hospital Discharges for Other and Unspecified Pneumoconiosis (per 1,000,000 residents) | 8.59 |
| Indicator 10: Mortality from or with Pneumoconiosis | |
| 10.1.1 Annual Number of Total Pneumoconiosis Deaths | 74 |
| 10.1.2 Annual Total Pneumoconiosis Death Rate (per 1,000,000 residents) | 13.40 |
| 10.1.3 Annual Age-Standardized Total Pneumoconiosis Death Rate (per 1,000,000 residents) | 11.72 |
| 10.2.1 Annual Number of Coal Workers' Pneumoconiosis Deaths | 26 |
| 10.2.2 Annual Coal Workers' Pneumoconiosis Death Rate (per 1,000,000 residents) | 4.71 |
| 10.2.3 Annual Age-Standardized Coal Workers' Pneumoconiosis Death Rate (per 1,000,000 residents) | 3.81 |
| 10.3.1 Annual Number of Asbestosis Deaths | 32 |
| 10.3.2 Annual Asbestosis Death Rate (per 1,000,000 residents) | 5.79 |
| 10.3.3 Annual Age-Standardized Asbestosis Death Rate (per 1,000,000 residents) | 5.36 |
| 10.4.1 Annual Number of Silicosis Deaths | 2 |
| 10.4.2 Annual Silicosis Death Rate (per 1,000,000 residents) | 0.36 |
| 10.4.3 Annual Age-Standardized Silicosis Death Rate (per 1,000,000 residents) | 0.30 |
| 10.5.1 Annual Number of Other and Unspecified Pneumoconiosis Deaths | 15 |
| 10.5.2 Annual Other and Unspecified Pneumoconiosis Death Rate (per 1,000,000 residents) | 2.72 |
| 10.5.3 Annual Age-Standardized Other and Unspecified Pneumoconiosis Death Rate (per 1,000,000 residents) | 2.42 |
| Indicator 11: Acute Work-Related Pesticide-Associated Illness and Injury Reported to Poison Control Centers | |
| 11.1 Annual Number of Reported Work-Related Pesticide Poisoning Cases | |
| 11.2 Annual Incidence Rate of Reported Work-Related Pesticide Poisoning Cases (per 100,000 employed persons) | |
| Indicator 12: Incidence of Malignant Mesothelioma, Ages 15 and Older | |
| 12.1 Annual Number of Incident Mesothelioma Cases | 41 |
| 12.2 Annual Mesothelioma Incidence Rate (per 1,000,000 residents) | 7.42 |
| 12.3 Annual Age-Standardized Mesothelioma Incidence Rate (per 1,000,000 residents) | 6.00 |
| Indicator 13: Elevated Blood Lead Levels (BLL) Among Adults | |
| 13.1.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 5 $\mu\text{g/dL}$) | 817 |
| 13.1.2 Annual Prevalence Rate of Blood Lead Levels (≥ 5 $\mu\text{g/dL}$) (per 100,000 employed persons) | 26.88 |
| 13.1.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 5 $\mu\text{g/dL}$) | 544 |
| 13.1.4 Annual Incidence Rate of Blood Lead Levels (≥ 5 $\mu\text{g/dL}$) (per 100,000 employed persons) | 17.89 |
| 13.2.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 10 $\mu\text{g/dL}$) | 381 |
| 13.2.2 Annual Prevalence Rate of Blood Lead Levels (≥ 10 $\mu\text{g/dL}$) (per 100,000 employed persons) | 12.53 |
| 13.2.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 10 $\mu\text{g/dL}$) | 234 |
| 13.2.4 Annual Incidence Rate of Blood Lead Levels (≥ 10 $\mu\text{g/dL}$) (per 100,000 employed persons) | 7.70 |
| 13.3.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 25 $\mu\text{g/dL}$) | 100 |

| | |
|---|---------------------|
| 13.3.2 Annual Prevalence Rate of Blood Lead Levels (≥ 25 $\mu\text{g/dL}$) (per 100,000 employed persons) | 3.29 |
| 13.3.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 25 $\mu\text{g/dL}$) | 67 |
| 13.3.4 Annual Incidence Rate of Blood Lead Levels (≥ 25 $\mu\text{g/dL}$) (per 100,000 employed persons) | 2.20 |
| 13.4.1 Annual Number of Residents with Elevated Blood Lead Levels (≥ 40 $\mu\text{g/dL}$) | 29 |
| 13.4.2 Annual Prevalence Rate of Blood Lead Levels (≥ 40 $\mu\text{g/dL}$) (per 100,000 employed persons) | 0.95 |
| 13.4.3 Annual Number of Incident Cases with Elevated Blood Lead Levels (≥ 40 $\mu\text{g/dL}$) | 25 |
| 13.4.4 Annual Incidence Rate of Blood Lead Levels (≥ 40 $\mu\text{g/dL}$) (per 100,000 employed persons) | 0.82 |
| Indicator 14: Percentage of Workers Employed in Industries at High Risk for Occupational Morbidity | |
| 14.1 Number of Employed Persons in High Morbidity Risk North American Industry Classification System (NAICS) Industries | 165,032 |
| 14.2 Percentage of Employed Persons in High Morbidity Risk NAICS Industries | 5.98 |
| Indicator 15: Percentage of Workers Employed in Occupations at High Risk for Occupational Morbidity | |
| 15.1 Number of Employed Persons in High Morbidity Risk Bureau of the Census (BOC) Occupations | 335,429 |
| 15.2 Percentage of Employed Persons in High Morbidity Risk BOC Occupations | 14.51 |
| Indicator 16: Percentage of Workers Employed in Industries and Occupations at High Risk for Occupational Mortality | |
| 16.1 Number of Employed Persons in High Mortality Risk Bureau of Census (BOC) Industries | 414,656 |
| 16.2 Percentage of Employed Persons in High Mortality Risk BOC Industries | 15.72 |
| 16.3 Number of Employed Persons in High Mortality Risk BOC Occupations | 334,341 |
| 16.4 Percentage of Employed Persons in High Mortality Risk BOC Occupations | 12.67 |
| Indicator 18: OSHA Enforcement Activities | |
| 18.1 Annual Number of Employer Establishments Inspected by OSHA | 1,363 |
| 18.2 Number of OSHA-Covered Establishments that are Eligible for OSHA Inspection (EXCLUDING MINES & FARMS) | 168193.00 |
| 18.3 Percentage of OSHA-Covered Establishments Eligible for Inspection that were Inspected by OSHA | 0.81 |
| 18.4 Annual Number of Employees Whose Work Areas were Inspected by OSHA | 47090.00 |
| 18.5 Number of OSHA-Covered Employees (EXCLUDING MINERS & FARMERS) | 2,902,619 |
| 18.6 Percentage of OSHA-Covered Employees Eligible for Inspection Whose Work Areas were Inspected by OSHA | 1.62 |
| Indicator 19: Workers' Compensation Awards | |
| 19.1 Total Amount of Workers' Compensation Benefits Paid <i>(in thousands)</i> | 57,001,000 |
| 19.2 Average Amount of Workers' Compensation Benefits Paid (per covered worker) | 205.55 |
| Indicator 20: Work-Related Low Back Disorder Hospitalizations - Not collecting this year. | |
| 20.1 Annual Number of Work-Related Surgical Low Back Disorder Hospitalizations | |
| 20.2 Annual Rate of Work-Related Surgical Low Back Disorder Hospitalization (per 100,000 employed persons) | |
| 20.3 Annual Number of Work-Related Low Back Disorder Hospitalizations | |
| 20.4 Annual Rate of Work-Related Low Back Disorder Hospitalizations (per 100,000 employed persons) | |
| Indicator 21: Asthma Among Adults Caused or Made Worse by Work | |
| 21.1a 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 ONLY ESTIMATES) | No longer collected |
| 21.2a Estimated proportion of ever-employed adults with current asthma who report that their asthma was caused or made worse by exposures at work (LANDLINE ONLY ESTIMATES) | No longer collected |
| 21.1b 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) | N/A |
| 21.2b 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) | N/A |
| Indicator 22: Work-Related Severe Traumatic Injury Hospitalizations | |
| 22.1 Annual Number of Work-Related Inpatient Hospitalizations for Severe Traumatic Injury | 198 |
| 22.2 Annual Rate of Work-Related Inpatient Hospitalizations for Severe Traumatic Injury (per 100,000 employed persons) | 6.51 |
| Indicator 23: Influenza Vaccination Coverage Among Healthcare Personnel | |
| 23.1 Pooled Proportion of Healthcare Personnel Influenza Vaccination Coverage in Acute Care Hospitals | |
| Indicator 24: Occupational Heat-Related Emergency Department (ED) Visits | |
| 24.1 Annual Number of Emergency Department Visits for Occupational Heat-Related Illness [†] | 199 |
| 24.2 Annual Rate of Emergency Department Visits for Occupational Heat-Related Illness (per 100,000 employed persons) [†] | 6.55 |
| Indicator 25: Hospitalizations for or with Occupational Eye Injuries | |
| 25.1 Annual Number of Inpatient Hospitalizations for or with Occupational Eye Injuries | 26 |
| 25.2 Annual Rate of Inpatient Hospitalizations for Occupational Eye Injuries (per 100,000 employed persons) | 0.86 |

<5 Count is less than 5

*rate based on counts <5.

†Contains all ED visits (both those that were admitted to the hospital and those who were not)