

ANNUAL REPORT

**PENNSYLVANIA
WORKERS' COMPENSATION
AND WORKPLACE SAFETY**

2017



TOM WOLF, GOVERNOR • W. GERARD OLEKSIK, SECRETARY

This is a publication of the
PA Department of Labor & Industry,
Bureau of Workers' Compensation.

Questions or comments regarding this report
should be forwarded to:

Bureau of Workers' Compensation
1171 S. Cameron St., Room 324
Harrisburg, PA 17104-2501
717-783-5421

Secretary of Labor & IndustryW. Gerard Oleksiak
Deputy Secretary for Compensation and InsuranceMichael H. Vovakes
Director, Bureau of Workers' CompensationScott G. Weiant
Director, Workers' Compensation Office of Adjudication..... Elizabeth A. Crum
Chairman, Workers' Compensation Appeal Board Alfonso Frioni
Editor Margaret T. Day
StatisticianPeter J. Phelan



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**Secretary
Labor & Industry**

W. Gerard Oleksiak

The Workers' Compensation Act was enacted in 1915 to protect workers and outline the responsibilities of stakeholders in Pennsylvania's workers' compensation system. Today, more than 100 years later, the Department of Labor & Industry's Bureau of Workers' Compensation, the Workers' Compensation Appeal Board and the Office of Adjudication carry out their mission with the goal of continually improving customer service and efficiencies. This report expands on our accomplishments and commitment to excellence.

The department continues in its commitment to ensuring workplace safety. In the effort to reduce workplace injuries, we offer state certification of workplace safety committees that entitle employers to workers' compensation premium discounts. Nearly 12,000 Pennsylvania employers have developed certified safety committees that represent more than 1.5 million employees in the commonwealth, more than one quarter of all Pennsylvania employees. Employers have earned premium discounts totaling more than \$692 million.

In 2017, the Health & Safety Division, PA Training for Health & Safety (PATHS) trained over 30,000 Pennsylvania workers in 431 safety training sessions on 160 different health and safety related topics. PATHS personnel trained 1,934 individuals in Alcohol and Substance Abuse awareness-related topics, including Opioid Addiction. This effort promotes a culture of workplace safety and an environment in which both Pennsylvania workers and businesses can flourish.

Our efforts toward encouraging workplace safety benefit employers and employees through cost savings and safer workplaces. We look forward to helping Pennsylvania companies have safer workplaces by establishing many more workplace safety committees, and offering more trainings on ever-expanding safety topics in the coming years.

We will carry on our work of making Pennsylvania's workplaces safer, which will mean more money that can be reinvested in Pennsylvania's workforce. I am confident that Pennsylvania's economy will continue to grow and prosper as long as we work to protect workers' health, safety and ability to earn.

Sincerely,

A handwritten signature in black ink, reading "W. Gerard Oleksiak". The signature is written in a cursive style and is positioned below the "Sincerely," text.

W. Gerard Oleksiak



Deputy Secretary for Compensation & Insurance

Michael H. Vovakes

In 2017, the Bureau of Workers' Compensation, the Office of Adjudication, and the Appeal Board continued their tradition of exceptional customer service and dedication to continued improvement of Pennsylvania's workers' compensation system. This annual report outlines our program's achievements during the year.

The bureau, the Office of Adjudication, and the Appeal Board made technological improvements in the effort to provide Pennsylvania employers and employees with an efficient and effective workers' compensation system. 2017 was the first full year that the Forms Solution enhancement to the WCAIS system was in place. This automated process eliminates an estimated 300,000 paper forms per year and provides stakeholders with accuracy of data, completeness of submitted forms, elimination of manual processing, enhanced system reporting, and allows for internal and external cost savings.

Other enhancements to the WCAIS system included the addition of SOLR, a Google-like search feature, to the system to make searching for claims, disputes, appeals, and profiles faster and easier, as well as a mobile app for attorneys, which provides attorneys with mobile access to hearing schedules, briefs, and other case materials.

The Office of Adjudication continued to distinguish itself with its online services during 2017. More than 98 percent of petitions filed with the Office of Adjudication were filed online through WCAIS, and almost 99 percent of answers were filed online. The statewide average time to hear and decide workers' compensation cases was 6.1 months, down from 6.3 months in 2016.

Efforts such as these have established Pennsylvania as a national leader in workers' compensation administration, and we will continue striving to lead the way in superior public service with continual improvements to our policies, processes, and technologies in years to come.

A handwritten signature in black ink that reads "Michael H. Vovakes". The signature is written in a cursive, flowing style.

Michael H. Vovakes

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Overview of the PA Workers' Compensation Program



Director, Bureau of Workers' Compensation

Scott G. Weiant

Mission Statement

The Pennsylvania workers' compensation program was established to reduce injuries and provide lost wages and medical benefits to Pennsylvania employees who become ill or injured through the course of their employment so they can heal and return to the workforce.

The bureau and the Office of Adjudication are responsible for carrying out the provisions of the act and related legislation, and for fulfilling the overall purpose of Pennsylvania's workers' compensation system. In carrying out the act's requirements, the bureau and Office of Adjudication have several primary roles:

- Obtain, review and maintain records on certain lost time work injuries and benefit documents.
- Certify individual self-insured employers and self-insured employer pools, and determine their monetary security requirements.
- Resolve areas of contention among the participants in the workers' compensation system.
- Enforce the act's provisions.
- Promote the health and safety of employees in accordance with the 1993 and 1996 amendments to the act.
- Enforce the act's occupational disease provisions.

Bureau of Workers' Compensation (BWC) Principal Responsibilities

The Bureau of Workers' Compensation is responsible for the following business aspects within the workers' compensation system: Health Care Services, Self-Insurance, Health & Safety, Claims Management/EDI/Record Requests/Helpline, Compliance, Supersedes Fund, Uninsured Employers Guaranty Fund (UEGF), as well as maintaining budget responsibility for all aspects of the workers' compensation system.

2017 Bureau of Workers' Compensation Highlights

2017 was the first full year the "EDI Forms Solution" was in operation. The automated process, which eliminated manual processing and mailing of over 300,000 paper forms, is

now fully integrated into the workers' compensation business process. Benefits have included accuracy of data, and completeness of submitted forms, elimination of manual processing, enhanced system reporting, as well as internal and external cost savings.

The Health & Safety Division, PA Training for Health & Safety (PATHS) trained over 30,000 PA workers in Health & Safety related topics including 1,934 individuals in Alcohol and Substance Abuse awareness-related topics including Opioid Addiction.

The Compliance, Uninsured Employer Guaranty Fund (UEGF), and the Supersedes Fund sections were combined under the newly created Special Funds & Compliance Division resulting in process efficiency, and enhanced collaboration between all sections. Included within this process redesign was the UEGF business process redesign and integration into the Workers' Compensation Automated Integration System (WCAIS).

Health Care Services Review Division (HCSRDR) launched an extensive staff cross-training initiative in efforts to fully utilize staff during cyclical peak and non-peak work volume periods. This resulted in faster, more responsive medical fee review processing timeframes. In addition, HCSRDR completed the final preparations for their new customer service/training and outreach initiative, which will be fully operational in 2018.

A Brief History of Pennsylvania Workers' Compensation Law

In 1915, the Pennsylvania Legislature enacted the Pennsylvania Workmen's (Workers') Compensation Act (act). The statute charges the Department of Labor & Industry (department) the Bureau of Workers' Compensation (bureau) with carrying the administrative and appeal-obligations defined in the act and specifies compensation for employees who are injured as a result of employment without regard to fault. Amendments eventually merged the compensation for injuries and occupational diseases into this act. The statute defines the benefits available to Pennsylvania workers, the conditions under which benefits are available and the procedures for obtaining them.

The workers' compensation system protects employees and employers. Employees receive medical treatment and are compensated for lost wages associated with work-related injuries and disease, and employers provide for the cost of such coverage while being protected from direct lawsuits by employees.

Workers' compensation coverage is mandatory for most employers under Pennsylvania law. Employers who do not have workers' compensation coverage may be subject to lawsuits by employees and to criminal prosecution by the commonwealth.

Overview of the PA Workers' Compensation Program (cont.)

Some employers are exempted from workers' compensation coverage. Exemptions include: people covered under other workers' compensation acts, such as railroad workers, longshoremen and federal employees; domestic servants (coverage is optional); agricultural workers who work fewer than 30 days or earn less than \$1,200 in a calendar year from one employer; and employees who have requested, and been granted, exemption due to religious beliefs or their executive status in certain corporations.

In Pennsylvania, employers can obtain workers' compensation insurance through a licensed insurance carrier or the State Workers' Insurance Fund. In addition, employers can apply to the bureau to seek approval to self-insure their liability. Self-insurance is granted by the bureau based on criteria established by the act and the department.

Employees are covered for the entire-period of their employment. Therefore, coverage begins the first day on the job. Injuries or diseases caused or aggravated by employment are covered under workers' compensation, regardless of the employee's previous physical condition.

Basic Benefits

Replacement of Lost Wages

A portion of the worker's salary – up to a maximum amount provided by law – is paid for the time lost from work as a result of a work-related disability, if the disability lasts longer than seven calendar days. These payments are tax free. The maximum allowable weekly benefit for calendar year 2017 was \$995. Partial disability benefits consisting of two-thirds

of the gross difference in wage loss for up to 500 weeks are paid to employees who suffer a partial disability resulting from a work-related injury or disease. Benefits can possibly be subject to other reductions or offsets.

Payment of Medical Expenses

Reasonable and necessary work-related medical expenses are paid regardless of the duration of required treatment and apply even though the employee may not have lost time from work.

Specific Loss Benefits

Benefits are payable if a work-related injury results in loss of vision, hearing and/or the use of limbs (including fingers and toes). Specific loss benefits are paid without regard to the amount of time lost from work. A separate healing period is also defined for each loss.

Disfigurement Benefits

Benefits are payable if there is a serious, permanent disfigurement of the head, face or neck.

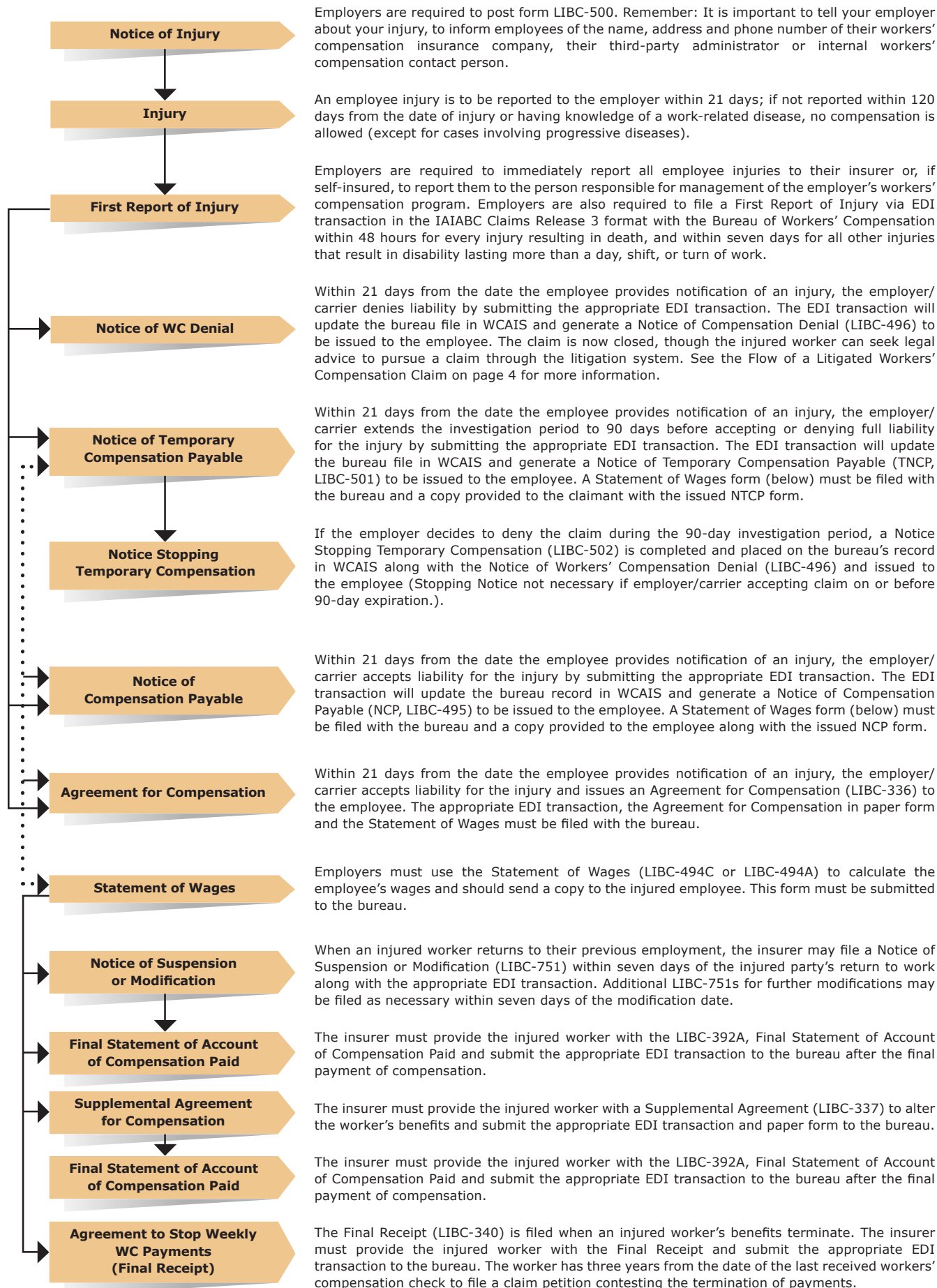
Death Benefits

The employee's dependents may claim benefits if a work-related injury or disease results in the employee's death. Also, reasonable burial expenses are payable to a maximum amount set by law.

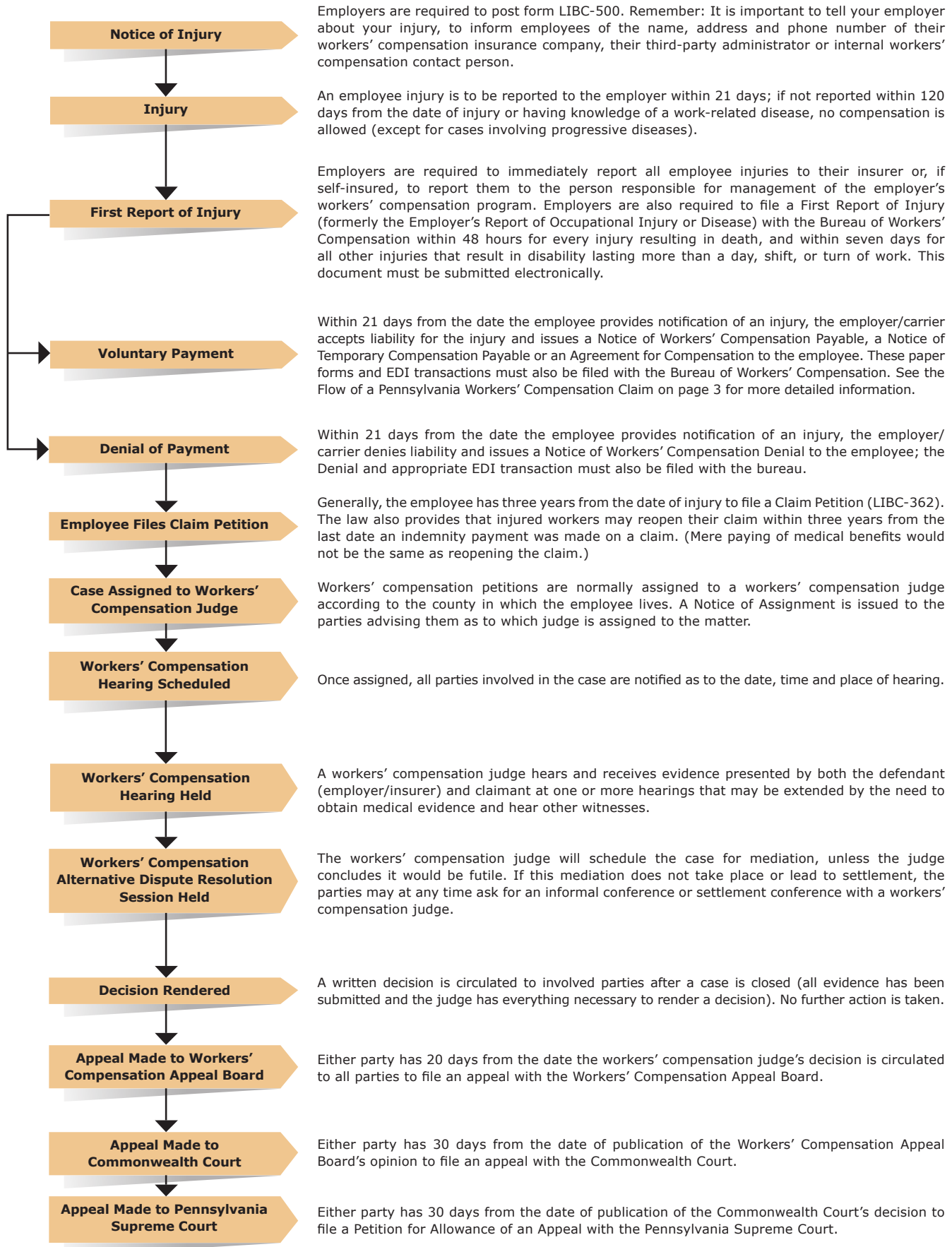
Subsequent Injuries

Additional compensation may be available through the Subsequent Injury Fund. This fund is administered by the commonwealth and pays workers who have had a specific loss of use of a hand, arm, foot, leg or eye and who incur total disability caused by loss of use of another hand, arm, foot, leg or eye. The commonwealth makes payments for the duration of the workers' total disability.

The Flow of a Pennsylvania Workers' Compensation Claim



The Flow of a Pennsylvania Workers' Compensation Claim (Litigated)



Funding for Pennsylvania Workers' Compensation System

The administration of the Pennsylvania workers' compensation system is funded by a spending authorization appropriated by the state legislature and approved by the governor. The money for these expenditures comes from five special funds established through assessments:

The Workers' Compensation Administration Fund

Purpose: Provides funding for the administrative operations of the bureau, the Workers' Compensation Office of Adjudication and the Workers' Compensation Appeal Board.

Assessment Amount: For fiscal year 2016-17, the amount assessed totaled \$81,228,123 and represented 2.8 percent of compensation paid in calendar year 2015.

The Supersedeas Fund

Purpose: To provide relief to employers/insurers for payments made during litigation of claims contesting whether compensation is payable. When an employer/insurer files a petition for termination, modification or suspension of benefits, a supersedeas hearing can also be requested. At this hearing, the workers' compensation judge can deny the request or grant a temporary order of partial or total suspension of benefits. If the request is denied, but the final decision of the judge is that compensation was not payable, the employer/insurer may apply to be reimbursed from the Supersedeas Fund for "overpayments" made following the initial denial.

Assessment Amount: For fiscal year 2016-17, the amount assessed was \$22,066,446 and represented 0.75 percent of compensation paid in calendar year 2015.

The Subsequent Injury Fund

Purpose: To compensate workers who experience certain losses (for example: arm, hand, leg, foot, eye) subsequent to a prior loss.

Assessment Amount: The total amount of the fund equals the amount expended from the fund in the preceding year. Law requires the fund to have a minimum funding of \$100,000. For the 2016-17 fiscal year, the amount assessed totaled \$178,371 and represented 0.006 percent of compensation paid in calendar year 2015.

The Self-Insurance Guaranty Fund

Purpose: To make payments to any eligible claimant or dependent upon the default of the self-insurer liable to pay compensation or associated costs due under the Pennsylvania Workers' Compensation Act and the Pennsylvania Occupational Disease Act. This fund is used when the securities posted by defaulting companies are exhausted, but can only be used for injuries occurring after the 1993 amendments. With the passage of Act 53 of 2000, the General Assembly created a restricted account within the Guaranty Fund called the Prefund Account. The purpose of the Prefund Account is to provide for the continuation of benefits to workers who were injured prior to 1993 and whose self-insured employers have gone bankrupt. The financing of the Prefund Account is a budget item of the Administration Fund.

Assessment Determination/Amount:

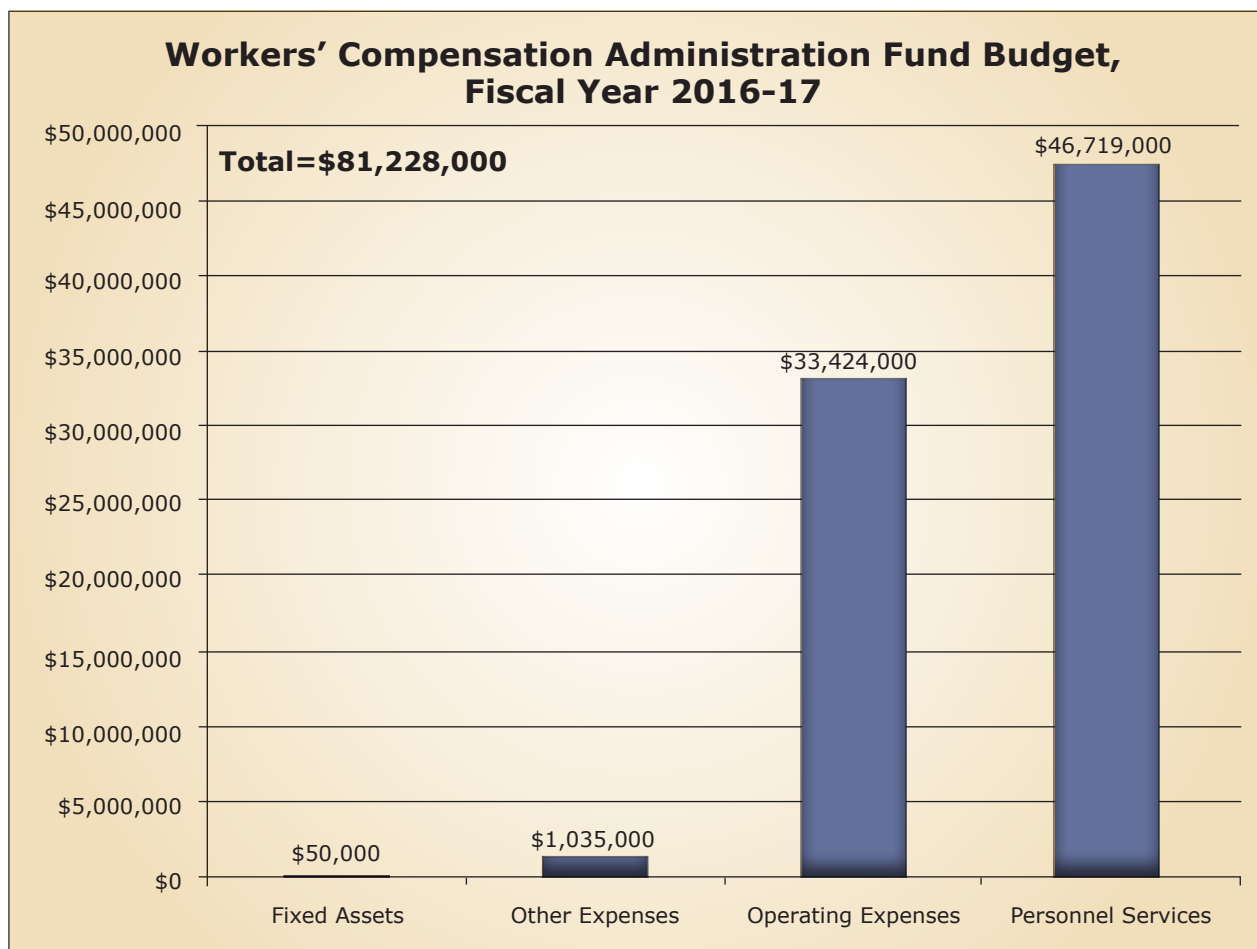
For new self-insurers starting self-insurance after Oct. 30, 1993, the assessment is 0.5 percent of their modified premium for the 12 months immediately preceding the start of self-insurance. Existing and former self-insurers with runoff claims may be assessed on an as-needed basis at the rate of up to 1 percent of compensation paid annually. For fiscal year 2016-17, the amount assessed was \$106,049 and represented 0.5 percent of the annual modified premium of employers starting self-insurance.

Uninsured Employers Guaranty Fund

Purpose: To extend workers' compensation benefits to injured workers whose employers fail to insure, or be approved to self-insure, their liability for work-related injuries. Initial money for the fund was transferred from the Administration Fund, with subsequent funding made from assessments to insurers and self-insured employers.

Assessment Amount: Assessments have been made annually since 2007. This fund assessed \$2,921,634 during 2016-17.

Workers' Compensation Administration Fund Budget



Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Workers' Compensation Updates

Workers' Compensation Automation and Integration System

Since 2013, the Workers' Compensation Automation and Integration System, commonly called WCAIS, gives users real-time, 24-hour access and integrates the three program areas of Workers' Compensation (the Bureau of Workers' Compensation, the Workers' Compensation Office of Adjudication and the Workers' Compensation Appeal Board) into one shared system. This allows stakeholders access to the full picture of their claim in one place.

In conjunction with the implementation of WCAIS, Electronic Data Interchange (EDI) Release 3 has been mandated. EDI provides faster claims processing and electronic record keeping, which has resulted in a large decrease in the use of paper forms, manual processing, and hard copy mailings, improving productivity for both internal and external stakeholders.

In addition, many enhancements have been made to improve WCAIS since its implementation. Some of the more notable improvements include:

- EDI Generated Forms Solution which was introduced to eliminate duplicative filings of both EDI transactions and forms for the four most commonly filed forms (the NCP, NTCP, NCD, and Notice Stopping). With this change, accepted EDI transactions began generating these forms and placing them on a claim, thus satisfying the requirement to file them with the bureau. Forms Solution has reduced both mailing costs and duplicative efforts for the filing community. Simultaneously, the bureau introduced three additional EDI batches which allow filers greater flexibility in meeting filing deadlines.
- SOLR, a Google-like search feature, was added to the system to make searching for claims, disputes, appeals, profiles and other common items both faster and easier.
- A mobile app for attorneys was added which permits attorneys access to hearing schedules, briefs, and other case material on matters to which they are a party.

Also, several customer service features have been added, including:

- A customer service ticketing system was added which enables system users to submit a question directly to the program area and receive an answer to that question through WCAIS. This feature also retains the questions and answers so the submitter (and their organization) may go back to reference the question as needed.
- Training One Stop Shop (TOSS), which added links in WCAIS to view previously recorded trainings, simulations, demos, and live online chatting with program area staff. Another part of TOSS is our live chat feature, which provides stakeholders with the option to talk with staff online.

For more information on WCAIS and training resources available, visit the WCAIS Project at www.dli.pa.gov/wcais. To register for WCAIS and utilize this groundbreaking system, visit the main WCAIS site at <http://www.wcais.pa.gov>.

Workers' Compensation Advisory Council

The Workers' Compensation Advisory Council was created under Section 447 of the Workers' Compensation Act. The council is composed of eight members, and the secretary of Labor & Industry is the ex officio member. Members are appointed as follows: one employee and employer representative by the president pro tempore of the Senate, one employee and employer representative by the speaker of the House of Representatives, one employee and employer representative by the minority leader of the Senate and one employee and employer representative by the minority leader of the House of Representatives. Members serve a term of two years or until their successors have been appointed.

The council reviews requests for workers' compensation funding by the department and any assessments against employers or insurers related thereto, makes recommendations regarding certification of utilization review organizations and preferred provider organizations, reviews proposed legislation and regulations and reviews the annual medical accessibility study. The findings are reported to the governor, the department secretary and the legislature.

Two co-chairs, representing labor and management, and the rest of the council hold public meetings to discuss various issues of the department, bureau and legislature.

Kids' Chance of Pennsylvania Inc. *Hope, opportunity, and scholarships for kids of injured workers*

Paying for college is hard. Paying for college when one or both of your parents have been seriously or fatally injured in a workplace accident seems nearly impossible. For more than 20 years, Kids' Chance of Pennsylvania, Inc. (Kids' Chance of PA) has helped to lessen the impact of these high costs by providing scholarships to the children of these families.

Since its inception in 1997, Kids' Chance of PA has awarded scholarships amounting to over \$1 million, and that number continues to grow. During the 2017-2018 academic year, 53 scholarships were awarded to students, totaling \$175,000. These scholarships were made possible due to the generous contributions made by our scholar sponsors, corporate and community partners, and donors.

Workers' Compensation Updates (cont.)

In addition to monetary assistance, the Kids' Chance national organization has a Planning for College program that helps eligible students connect to the right state organization. Students of any age can register, and when the time is right to apply for college, they will be connected to their state organization in order to submit a scholarship application. In 2015, the inaugural year of the program, there were 105 submissions. This past year, the program received 313 submissions. We want to see more of these submissions come from Pennsylvania this year!

Everything our organization does is for the students. Kids' Chance of PA is making a significant difference in the lives of these children, helping them to pursue their educational goals. John K., a current scholarship recipient attending Bloomsburg University says:

"The mission of [Kids' Chance of PA] is to provide scholarships and grants for college and vocational education to children of Pennsylvania workers who have been killed or seriously injured in a work-related accident resulting in financial need. And because of all of you, young people all over Pennsylvania have the opportunity to pursue a college education that helps us ultimately succeed in the future. You also have taken stress off our families by turning the hardships faced by them being injured into a chance for us to attend college.

I believe I speak for all of us, both students and families that have benefited from this organization, that we are forever grateful to this organization and for the support."

For more information about how you can help support Kids' Chance, please contact us at: 215-302-3598 or info@kidschanceofpa.org or visit www.kidschanceofpa.org.

Total Disability Weekly Workers' Compensation Rates

The following table illustrates the weekly workers' compensation rates used to calculate benefits payable to an injured employee.

The compensation rate is 66.66 percent of the employee's average weekly wage. If 66.66 percent of the employee's average weekly wage is greater than the maximum, the rate of compensation payable is equal to the maximum. If the benefit calculated is less than 50 percent of the statewide average weekly wage, then the compensation rate shall be the lower of 50 percent of the statewide average weekly wage or 90 percent of the employee's average weekly wage. There is no absolute minimum.

The maximum compensation rate payable is calculated annually and is effective Jan. 1 of each year. The calculation of the average weekly wage is defined by the act. Corresponding figures for years prior to 2003 are maintained by the bureau. For partial disability, other calculations and definitions apply.

Total Disability Weekly Workers' Compensation Rates

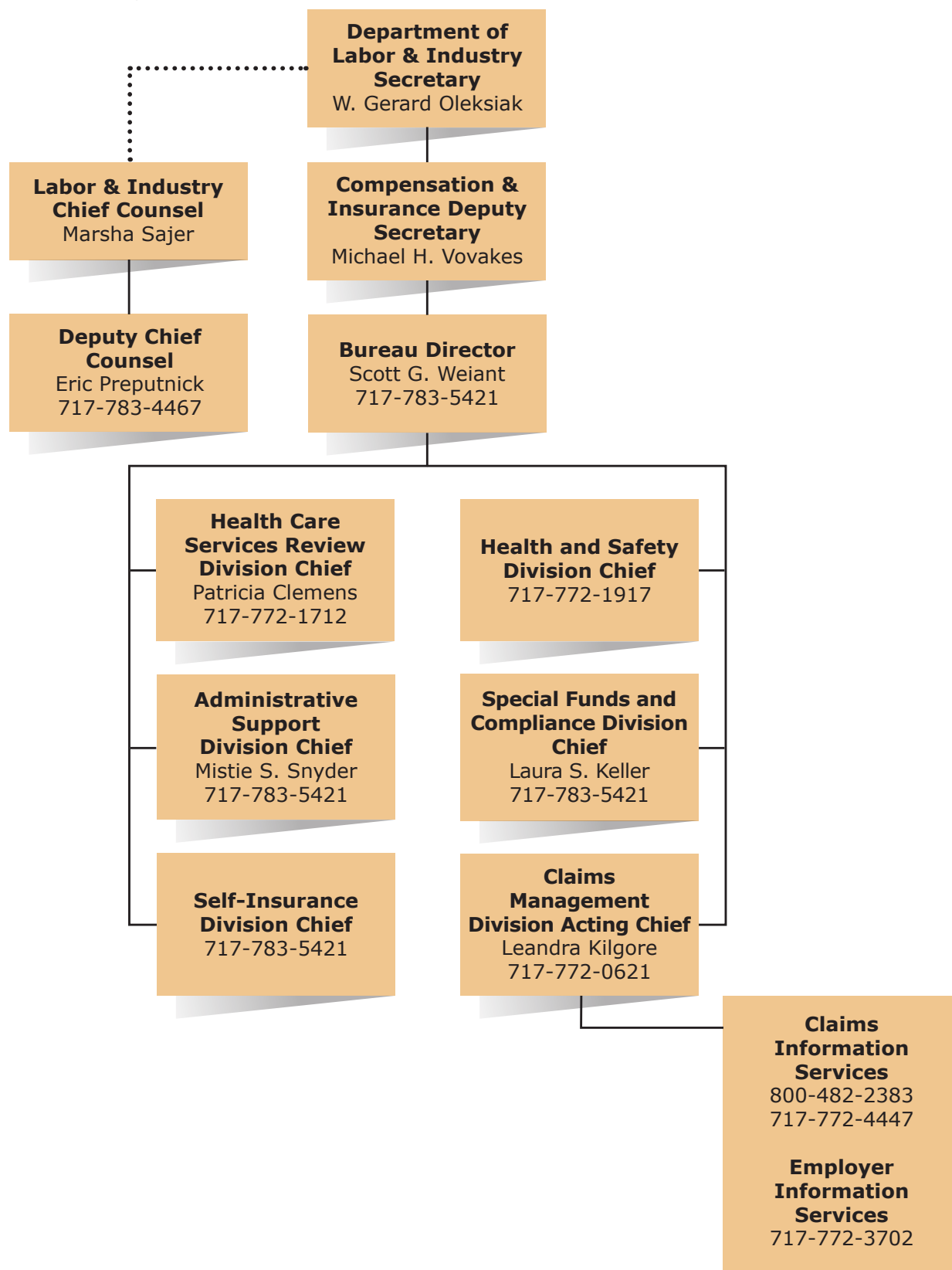
Year	Statewide Average Weekly Wage/ Maximum Compensation Rate Payable	50 Percent of Statewide Average Weekly Wage/ 50 Percent of Maximum Compensation Rate Payable
2003	\$675.00	\$337.50
2004	\$690.00	\$345.00
2005	\$716.00	\$358.00
2006	\$745.00	\$372.50
2007	\$779.00	\$389.50
2008	\$807.00	\$403.50
2009	\$836.00	\$418.00
2010	\$845.00	\$422.50
2011	\$858.00	\$429.00
2012	\$888.00	\$444.00
2013	\$917.00	\$458.50
2014	\$932.00	\$466.00
2015	\$951.00	\$475.50
2016	\$978.00	\$489.00
2017*	\$995.00	\$497.50

*For purposes of calculating the update to payments for medical treatment rendered on and after Jan. 1, 2017, the percentage increase in the statewide average weekly wage was 1.7 percent.

Bureau Personnel

Organization Chart

As of Dec. 31, 2017





Administrative Support Division

Mistie S. Snyder

Primary Functions

Prepare yearly budget request for the Administration Fund. Project, analyze and report on the Administration Fund expenditures (which include the bureau, the Office of Adjudication, the Workers' Compensation Appeal Board, the Office of Chief Counsel, the Office of Information Technology and Labor & Industry bureaus that charge the fund for services).

Issue, collect and record assessments to replenish the Administration Fund, Supersedeas Fund, Subsequent Injury Fund, Self-Insurance Guaranty Fund and the Small Business Advocate Fund.

Process supply, equipment and furniture requests and procure items for bureau offices, the Office of Adjudication and the Workers' Compensation Appeal Board.

Provide employees, employers, the public, workers' compensation professionals, health care providers and government agencies with accurate and comprehensive workers' compensation information.

Compose, design and distribute publications and communications for the Bureau of Workers' Compensation, including postal and email mass mailings, forms, annual reports, newsletters, pamphlets, directories and web updates.

With department press office approval, provide the media with accurate and timely workers' compensation information.

Provide administrative support to all divisions and field offices within the bureau.

Provide personnel advice and services to bureau employees and managers.

Provide mailroom and indexing services to the bureau.

Coordinate bureau training.

Coordinate the annual Workers' Compensation Conference.

2017 Accomplishments

Budgeted, monitored and adjusted the Administration Fund as necessary.

Improved the processing of all paper documents into the electronic system to within five days.

Provided timely status information on collection of assessments and bureau conference deposits. The amounts assessed for the 2016-2017 fiscal year are as follows:

Administration Fund	\$81,228,123
Supersedeas Fund	\$22,066,446
Subsequent Injury Fund	\$178,371
Self-Insurance Guaranty Fund	\$106,049
Uninsured Employers Guaranty Fund	\$2,921,634

Processed personnel actions within three working days of request.

Developed, planned and coordinated the June 2017 bureau conference. A total of 1,375 representatives from the workers' compensation community attended the two-day event, including employers, insurers, health care providers and attorneys. This educational conference offered the popular "As the Claim Turns" role-play presentation, as well as sessions addressing legal updates, return to work programs and basic workers' compensation information.

Mailed 16,966 Workers' Compensation and the Injured Worker pamphlets to workers for whom the bureau received a First Report of Injury indicating loss of more than a day, shift, or turn of work as a result of an alleged work-related injury.

Published the bureau's quarterly newsletter, News & Notes. This publication provides an overview of workers' compensation policies, programs and updates.

Coordinated production and distribution of the Pennsylvania Workers' Compensation and Workplace Safety Annual Report for 2016.

Coordinated the posting of new material and updates to department websites on behalf of the bureau, including a complete update of the bureau's public-facing website.

Published a courtesy copy of the 2017 medical fee schedule and provided quarterly updates.

Published the 2016 Medical Accessibility study.

Administered the bureau's employee recognition program.

Submitted articles for inclusion in the Pennsylvania Self-Insurer's Association newsletter and provided updated Pennsylvania workers' compensation information to national agencies for publication.

Bureau Divisions (cont.)



Claims Management Division

Leandra Kilgore

Primary Functions

Serve as a repository for workers' compensation records.

Provide education on Electronic Data Interchange submissions (EDI) and the generation of the Notice of Compensation Payable, Notice of Workers' Compensation Denial, Notice of Temporary Compensation Payable, and Notice Stopping Temporary Compensation forms from completed EDI transactions by adjusters.

Provide records to claimants, attorneys, workers' compensation judges and others.

Work with Center for Workforce Information and Analysis in the collection and assembly of statistics for workers' compensation injuries.

Evaluate carrier and employer compliance with the reporting requirements of the Workers' Compensation Act (act).

Provide customer service for the workers' compensation community through a call-in line, customer service tickets, a live chat feature and resource accounts.

Analyze insurance carrier and self-insured EDI filing data to determine outreach and training needs specific to each filing entity's organization.

Provide continued educational efforts to alleviate processing deficiencies and improve our ability to communicate and support the rights and entitlements of all injured workers.

Provide insurance information researched through the Pennsylvania Compensation Rating Bureau to the workers' compensation community.

Cleanse and validate the profiles in WCAIS for individuals and organizations.

Aid the insurer and self-insured community to improve filing efforts through enhancement efforts, training, claims monitoring, customer service, and accurate processing.

2017 Accomplishments

Processed 26,486 requests for records in 2017.

Responded to 40,957 workers' compensation inquiries (compared to 37,000 in 2016); 33,353 telephone calls [(34,528 in 2016)]. Also, provided written responses to 5,344 inquiries [(3,505 in 2016)], which include 3,184 emails, (2,569 in 2016) 462 live chats, 847 customer service tickets, and 831 general correspondences. These inquiries come from employers, employees, health care providers, lawyers and others involved in the Pennsylvania Workers' Compensation community.

Assisted 448 non-English speaking callers and visitors with workers' compensation concerns using Propio Language Services, a language interpretation service. This is an increase from 371 in 2016.

Researched and responded to 260 (138 in 2016) inquiries regarding the workers' compensation insurance coverage of employers through the Pennsylvania Compliance Rating Bureau database.

Assisted 39 (24 in 2016) walk-in visitors with their workers' compensation questions/concerns.

Researched workers' compensation coverage status of 1,533 employers who canceled or failed to renew their insurance policy with the State Workers' Insurance Fund to ensure compliance under the Act. Information on employers found lacking coverage is forwarded to the Bureau's Compliance Section for further investigation and possible action.

Provided webinars, conference calls and one-on-one calls with the external community in preparation for WCAIS enhancements, as new features and upgrades were released.

Conducted company-specific outreach meetings tailored to address each filing entity needs for assisting the filing stakeholders to achieve the highest possible EDI acceptance rating.

The EDI Section responded to 4,927 email inquiries, 221 telephone inquiries, and 2,311 customer service ticket inquiries in 2017.

Averaged an acceptance rating for EDI FROI transactions of 89.2 percent, 87.8 percent for SROIs transactions and an overall acceptance rate of 87.9 percent.

Oversaw 31 WCAIS enhancements in 2017, in our continued effort to provide advanced functionality and maximize the benefits to users and the bureau.

Participated in development and extensive user acceptance testing of the division's WCAIS processes and applications.

The Data Quality Section, continues to cleanse and validate the profiles in WCAIS for individuals and organizations. Resolved approximately 11,010 data quality issues in 2017.

Health & Safety Division

Vacant

Primary Functions

Evaluate employer applications to determine certification of employer workplace safety committees and eligibility for workers' compensation insurance premium discounts as allowed under Article X of the act. Provide assistance, guidance and training to employers in establishing safety committees, interpreting requirements for certification and correcting application deficiencies prior to submission.

Provide safety-related information and training to Pennsylvania employers aimed at reducing workplace injury/illness occurrences and workers' compensation costs associated with workplace incidents through the Pennsylvania Training for Health & Safety (PATHS) resource.

Provide safety committee certification renewal forms for certified employers and evaluate submitted forms to determine eligibility for continuing premium discounts.

Review annual reports of accident and illness prevention services and programs from Pennsylvania licensed workers' compensation carriers, self-insured employers and group self-insurance funds. Formulate recommendations of program or service adequacy for consideration in continuance of licensure or self-insurance status.

Determine the necessity for, and conduct on-site audits of accident and illness prevention services and programs and certified safety committees. Configure and monitor deficiency-correction programs as necessary to resolve program or service inadequacies.

Develop and disseminate health and safety-related information to members of the regulated community and the general public concerning: workplace safety committee certification/recertification procedures and requirements; mandatory accident and illness prevention program and service elements; safety-related training; and annual reporting requirements.

Administer the process to review credentials in the health and safety field for recognition by the department as acceptable qualifications for accident and illness prevention service providers. Review individual qualifications for acceptability as accident and illness prevention service providers and recognized safety committee instructors.

Manage the process to nominate, select and recommend employers for the Governor's Award for Safety Excellence.

Provide Pennsylvania employers with coordinated safety and health training resources through easy access and affordability. Services provided by the PATHS resource

enable participants in the workers' compensation system to achieve greater efficiencies in the implementation of their workers' compensation cost-containment efforts by creating a safe, accident-free workplace.

2017 Accomplishments

Granted initial certification to a cumulative total of 11,883 workplace safety committees covering more than 1,524,894 employees as of December 2017. The cumulative number of approved workplace safety committee certification renewals totaled 87,272.

Received and processed a total of 517 workplace safety committee initial applications and 6,057 workplace safety committee renewal applications.

Continued to update email databases for various client groups to provide an electronic means of communicating with the workers' compensation safety clients.

Released all necessary self-insured, group fund and insurer-required filing reports within required time frames.

Evaluated the acceptability of accident and illness prevention programs and services of 1,360 insurers and self-insured employers through annual required reports.

Conducted 166 on-site audits of licensed workers' compensation insurer and self-insured employer accident and illness prevention programs and services and certified workplace safety committees.

Participated in the process to select and award the Governor's Award for Safety Excellence to three Pennsylvania companies, which included conducting on-site visits and reviewing 57 award applications.

Completed additional PowerPoint presentations, bringing the total to 208 different PowerPoints on the Pennsylvania Training for Health and Safety, or PATHS, resource website. PATHS is a training resource consisting of on-site safety and health training and web-based safety training applications, including webinars, PowerPoint presentations, sample safety programs, safety talk materials, posters and more. The PATHS website includes a schedule of health and safety-related training and information available to all Pennsylvania stakeholders. Knowledgeable and experienced trainers are available to provide training and information sessions upon request to employers, employees and stakeholder groups.

Conducted a cumulative total of 3,850 on-site audits of accident and illness prevention programs and services of self-insured employers and licensed workers' compensation insurers and employers with state-certified workplace safety committees.

Division personnel conducted 431 safety training sessions on 160 different topics for more than 35,950 representatives of employers, insurers and self-insured employers.

Bureau Divisions (cont.)



Health Care Services Review Division

Patricia Clemens

Primary Functions

Administer the fee review process for health care providers who are disputing the timeliness or amount of payment received for medical services provided to Pennsylvania injured workers.

Manage and monitor chargemaster fee schedule data. Under amendments to the act in 1993, medical reimbursement was capped based on 1994 Medicare rates that are adjusted annually.

Authorize utilization review organizations, or UROs, to review the reasonableness and necessity of medical treatment when requested by the employer/insurer or injured worker. The division also trains, audits and monitors UROs for compliance with regulatory requirements.

Act as a liaison to independent consultants performing medical access studies.

Act as a resource for all involved parties.

2017 Accomplishments

Issued 24,806 fee review decisions and determinations. A number of WCAIS enhancements resulted in multiple process changes which allowed the section to reduce the average fee review turn-around time to less than 30 days.

Continued to update the courtesy copy of the fee schedule quarterly on the department's website.

Processed and approved 21 annual reports for utilization review organizations/peer review

organizations (URO/PRO). A total of 21 URO/PROs are currently authorized.

Received, reviewed and approved nine URO/PRO reauthorization applications. One new URO was authorized.

Maintained a reviewer database to monitor URO/PRO reviewer qualifications, updating regularly.

4,795 Utilization Review Requests were processed, with 4,661 full determination reports rendered.

Maintained a list of 68 IRE physicians in 192 geographic locations who may be designated to perform impairment rating evaluations. This list is also maintained on the department's website and includes the physician's specialty.

Received and processed 604 IRE requests for designation prior to the June 2017 Protz Supreme Court decision which found IREs unconstitutional. The IRE process remained suspended for the rest of 2017.

Received and reviewed the 2016 Medical Access Study. The study continues to indicate injured workers are overall satisfied/very satisfied with their medical treatment. It also indicates that injured workers with access to provider panel lists return to work sooner and continue to treat with the panel providers after the initial 90 days. Education of employers and injured workers is still needed. The study also continues to report PPO discounts and untimely payment as the health care providers' frequently cited issues.

Since the September 2013 WCAIS "go-live," stakeholders have the ability to file their Fee Reviews and Utilization Review Requests online through the Workers' Compensation Automation and Integration System (WCAIS), a web-based claims filing and information system. The use of the online system has steadily increased for all three sections of Health Care Services Review.

The utilization review process transitioned to 100 percent online filing in 2017 and has resulted in increased efficiencies as well as a reduction in the number of applications returned due to incorrect filing.

Self-Insurance Division

Vacant

Primary Functions

Process and decide applications of individual employers for self-insurance status under Section 305 of the Workers' Compensation Act and Section 305 of the Pennsylvania Occupational Disease Act. Set conditions for self-insurance and monitor self-insured employers' compliance with these conditions. As of Dec. 31, 2017, there were 747 employers authorized to self-insure their liability.

Process and decide applications of groups of employers to operate as group self-insurance funds under Article VIII of the act. Regulate and monitor the financial conditions of the group funds, including the setting of rates, the maintenance of surplus and the distribution of dividends to members. As of Dec. 31, 2017, 18 group self-insurance funds were operating, covering 857 employers in the commonwealth.

Collect and tabulate information needed to issue assessments against insurers and self-insurers to maintain special funds established under the act. Monitor the claims payments and outstanding liabilities of former self-insurers to ensure that they maintain adequate security or assets to cover their self-insurance claims.

As of Dec. 31, 2017, there were 402 individual

employers and one group fund in runoff status.

Administer the Self-Insurance Guaranty Fund and the use of financial security to remedy defaults of self-insurers. The guaranty fund and its special prefund account, which applies to claimants injured before 1993, provide benefits to approximately 119 claimants, with total reserves of \$38.7 million. The division also monitors the payments, balances and administration of 25 default situations being satisfied by private securing entities, such as sureties, corporate trustees or guarantors.

2017 Accomplishments

Processed over 700 renewal applications and applications for individual self-insurance status, 36 group annual reports and rate requests and 62 semi-annual reports monitoring the status of self-insurance defaults.

Calculated and issued five assessments to finance the operation of special funds under the act. Continued the memorandum of understanding with the State Worker's Insurance Fund for adjusting and claims-handling for the Self-Insurance Guaranty Fund and the Uninsured Employers Guaranty Fund for substantial savings to the bureau.

Continued to work with project vendor Deloitte to redesign the self-insurance process in the Workers' Compensation Automation and Integration System (WCAIS) based on feedback from the self-insured community.

Presented at the Pennsylvania Self-Insured Association annual meeting.

Bureau Divisions (cont.)



Special Funds and Compliance Division

Laura S. Keller

Primary Functions

Serve as conservator of the Supersedeas Reimbursement and Second Injury Funds.

Pay claims where the bureau has liability under 305.1(WCOD), 306(h), Occupational Disease, Subsequent Injury Fund and the Supersedeas Fund.

Work with the Third Party Administrator and Office of Chief Counsel to investigate and manage the litigation of claims against the Uninsured Employers Guaranty Fund (UEGF).

Manage claims and benefits where UEGF is paying benefits as a result of the employers' default.

In conjunction with the Office of Chief Counsel, initiate, negotiate and monitor recovery activities on behalf of UEGF.

Monitor available balance of the UEG fund and projected payments. Manage expenditures to assure available funding for crucial benefit payments to injured workers.

Ensure compliance with the Workers' Compensation Act, regulations enacted pursuant to the act and orders issued by workers' compensation judges by:

Educating uninsured employers of their obligations to injured workers.

Investigating reports of employers' alleged failure to insure their liability and prosecuting cases of noncompliance in accordance with the criminal provisions of the act.

Referring allegations of employee fraud to the appropriate insurance carrier and prosecuting authority and allegations of employer, insurer or medical provider fraud to the proper prosecuting authority.

Reviewing all work-related injuries suffered by minors to determine if potential child labor law violations existed and referring said violations to the Bureau of Labor Law Compliance for final determination and collection of any additional compensation due to injured minors.

Notifying dependents of their survivor rights under the act when work-related fatalities occur.

Reviewing and investigating allegations of insurer, self-insurer or third-party administrator violations of the act to determine if further action is warranted.

Processing statutorily permissible exceptions, exemptions and elections for inclusion under the act.

2017 Accomplishments

Processed 669 claims and distributed payments of more than \$21.5 million from the Supersedeas Reimbursement Fund during the 2016-17 fiscal year.

Distributed payments to 171 claimants under the Occupational Disease Act and to 12 Subsequent Injury claimants.

Mailed the Employer Information pamphlet to 13,002 new or modified businesses to secure information assuring their compliance. 6,749 businesses failed to respond, resulting in a second mailing.

Instituted 1,185 new investigations of potential employer failure to insure workers' compensation liability and referred 13 cases to the bureau's Legal Division for prosecution.

Successfully prosecuted seven cases of Employer's Failure to Insure (Section 305) case, resulting in \$226,268.87 in restitution being awarded to the UEGF.

Processed 1,371 corporate executive officer exceptions and 2,071 religious exemptions for exclusion under the act.

Investigated 754 potential child labor law violations that could result in the collection of a 50 percent additional compensation penalty.

Provided guidance to the TPA and counsel on over 520 active UEGF claims. Provided negotiating authority on claim settlements, criminal prosecution and civil restitution.

Reviewed TPA payment requests, provided authority and performed audits on specific payments.

Worked with WCOA, WCAB and BWC, as well as the bureau's Compliance Section, Legal Division and IT contractor, to integrate the UEGF processes into WCAIS. Implementation of the main components occurred on Sept. 22, 2017.



Legal Division

Eric Preputnick

Primary Functions

The Governor's Office of General Counsel through the Department of Labor & Industry's Office of Chief Counsel coordinates all legal services provided to the bureau. Attorneys representing the bureau, through the Legal Division and its support staff, are responsible for providing legal advice to bureau personnel and defending legal challenges to the implementation of the workers' compensation system.

The division is responsible for advising, defending and monitoring the defense of claims filed against the Uninsured Employers Guaranty Fund (UEGF). Created in 2007, the UEGF provides workers' compensation benefits to injured workers whose employers failed to insure or self-insure their workers' compensation liability at the time of the injury. Last year, 337 claims for benefits were filed by workers who alleged injuries suffered in the course and scope of employment with uninsured employers.

The division guides the bureau in administering claims brought against other statutorily created funds and provides legal counsel in the defense of such claims. For example, division attorneys represent the commonwealth in claims against the Supersedeas, Subsequent Injury and Self-Insurance Guaranty Funds as well as claims brought under the Occupational Disease Act.

The division is responsible for preparing and coordinating criminal prosecutions of employers who fail to maintain workers' compensation coverage for workers.

The division advises department personnel regarding the impact of statutes and regulations (federal and state) that address workers' compensation concerns. In addition, the division drafts bills, regulations and statements of policy at the behest of the client in order to correct deficiencies or make enhancements to the system.

The division routinely answers inquiries from the public, both directly and on behalf of clients within the department.

2017 Accomplishments

D&R Construction and UEGF v. Workers' Compensation Appeal Board (Suarez), 167 A.3d 867 (Pa. Cmwlth. 2017) - In a reported opinion, Commonwealth Court held that the Construction Workplace Misclassification

Act (CWMA) could not be retroactively applied to determine the employment status in a workers' compensation matter predating the effective date of CWMA. In this matter, both the purported employer and the UEGF challenged the WCAB's application of the CWMA's analysis for independent contractor status to a workers' compensation claim arising more than five months prior to the effective date of the CWMA. The court determined that the CWMA represented a substantive change to existing law because its analysis, which involves a list of mandatory factors to prove independent contractor status, significantly altered the requirements for analyzing this issue under the traditional, common law test. The court recognized that statutes which impact substantive rights cannot be retroactively applied absent clear legislative intent and therefore, consistent with the UEGF's argument, further determined that the WCAB erred in applying the CWMA in this case because there was no evidence of legislative intent that this statute be retroactively applied. The court also held that the CWMA could not be used as "guidance" and was not a clarification of the traditional test for employment relationship in light of the significant changes it made to the employment relationship analysis. The court noted that using the CWMA's criteria as guidance in analyzing employment status was tantamount to applying the CWMA's requirements, and improperly would enable the CWMA's requirements to be applied in industries and professions beyond the construction industry.

Department of Labor and Industry, Uninsured Employer Guaranty Fund v. Workers' Compensation Appeal Board (Lin and Eastern Taste), 155 A.3d 103 (Pa. Cmwlth. 2017) - Commonwealth Court, in a reported opinion, reversed the WCAB and determined that a claimant, who sustained an injury while working on a remodeling project before the restaurant opened for business, was not an employee of the restaurant at the time of the injury. The court agreed with UEGF's argument that the WCAB exceeded its authority by relying upon its own analysis of the record, rather than the binding findings of fact made by the workers' compensation judge, and that the WCAB erred in finding that claimant, a relative of the owners of the restaurant, was an employee at the time of his injury. The court further held that when determining whether the Construction Workers' Misclassification Act is applicable, the construction activity must be analyzed and considered in the context of the putative employer's industry or business.

Edvin Lopez v. Workers' Compensation Appeal Board (Martinez), 2017 WL 296038 3 (Pa. Cmwlth., July 12, 2017) In an unreported opinion in this UEGF case, Commonwealth Court affirmed the WCAB, and held that the claimant failed to establish an employment relationship where the alleged employer ceased business prior to claimant's injury. The court determined that the Construction Workplace Misclassification Act need not be applied where, based upon the credibility determinations of the WCJ, the

Bureau Divisions (cont.)

claimant was not working as an employee or under the control of any of the alleged employers on the date of his alleged injury.

CMR Construction of Texas v. Workers' Compensation Appeal Board (Begly), 165 A.3d 69 (Pa. Cmwlth. 2017) - By reported opinion, Commonwealth Court held that an uninsured employer cannot escape liability for penalties or its payment obligations by relying on the UEGF to make payments. The employer maintained that it did not violate the Act by failing to pay claimant's benefits because it was not financially able to do so and because the UEGF has an obligation to pay upon an uninsured employer's default. The Commonwealth Court rejected this argument, noting that the employer misconstrued the intent behind the creation of the UEGF, as it was not created to protect the uninsured employer or otherwise shield such an employer from its obligations under the Act. In affirming the WCAB, the court held that the UEGF was not created to protect the uninsured employer or otherwise shield such an employer from its obligations under the Act. The court noted that this result was consistent with Section 1605(b) of the Act, which authorizes the Department of Labor & Industry, on behalf of the fund, to seek reimbursement of any award paid by the fund from the responsible employer.

Volpe Tire & Marble v. Workers' Compensation Appeal Board (Redelheim), 170 A.3d 1275 (Pa. Cmwlth. 2017) - Commonwealth Court affirmed the decision of the Workers' Compensation Appeal Board and Workers' Compensation Judge which denied insurer Nationwide's Supersedeas Fund Reimbursement Application. The court held, consistent with the bureau's argument and prior case law, that the statutory requirements for reimbursement from the Supersedeas Fund were not satisfied where compensation payments were always payable to the injured worker and the only issue was which of two insurers was responsible for those payments.

Stephen Gregorski v. Workers' Compensation Appeal Board (Self-Insurance Guaranty Fund as successor to The Great Atlantic and Pacific Tea Company), No. 370 C.D. 2016 (Pa. Cmwlth., Jan. 5, 2017) - In an unreported opinion, Commonwealth Court held, consistent with Section 909(c)(2) of the act, that the Prefund Account of the Self-Insurance Guaranty Fund cannot be liable for penalties or unreasonable contest attorney fees that could have attached to the actions of a defaulted self-insurer.

UEGF Recoveries: During 2017, the division represented the bureau's UEGF in recovering monies owed by

uninsured employers. As the result of such representation, the UEGF recovered \$92,701.67 in criminal restitution and \$167,448.70 from civil collection efforts, as well as \$158,146.11 in third-party subrogation recovery for a total of \$418,296.48.

Criminal prosecutions (Failure to Insure): During 2017, the bureau assisted in the following:

Commonwealth v. George Limberiou/Riveredge Inc. - Defendant pled guilty to one felony count of failure to maintain workers' compensation insurance under Section 305 of the act. Defendant was placed on probation for a period of 7 years and ordered to make monthly payments towards a total of \$111,369.52 in restitution to the UEGF.

Commonwealth v. Herbert McMingley/Service Boss Inc. - Defendant pled guilty to one felony and one misdemeanor count of failure to maintain workers' compensation insurance. Defendant was ordered to pay \$11,742.55 in restitution to the UEGF.

Commonwealth v. Cory B. Sanders/Sandman Express LLC - Defendant was charged with 515 misdemeanor counts of failure to maintain workers' compensation insurance. Defendant paid full restitution of \$10,892.44 to the UEGF in exchange for withdrawal of the charges.

Commonwealth v. Dawn M. Taylor d/b/a Out of Reach Farm - Defendant pled guilty to one felony count of failure to maintain workers' compensation insurance. Defendant was ordered to pay \$3,269.36 in restitution to the UEGF.

Commonwealth v. Mark J. Volk - Defendant was placed in the Accelerated Rehabilitative Disposition (ARD) program for a period of two years. As part of the terms and conditions of ARD, he is required to pay \$50,000.00 in restitution to the UEGF during the period of ARD supervision.

Commonwealth v. Shawn Kriner d/b/a Kriner's Quality Roofing - Defendant was placed in the ARD program for a period of two years. As part of the terms and conditions of ARD, he is required to pay \$7,800.00 in restitution to the UEGF during the period of ARD supervision. Defendant also executed a Repayment Agreement, Promissory Note and Confessed Judgement, which obligates defendant to repay the UEGF a grand total of \$39,000.00.

Overview of the Office of Adjudication



Director, Workers' Compensation Office of Adjudication

Elizabeth Crum

Primary Functions

The Workers' Compensation Office of Adjudication (WCOA) is responsible for the resolution of disputed workers' compensation matters. There are 84 workers' compensation judges, four judge managers, four administrative officers and 22 field offices that comprise the Office of Adjudication. The workers' compensation judges conduct hearings in disputed matters and render reasoned decisions in a timely manner. Judges also provide alternative dispute resolution services in contested matters.

2017 Accomplishments

Over 98 percent of petitions filed with the Office of Adjudication were filed online through WCAIS, and almost 99 percent of answers were filed online.

Expanded the availability of alternative dispute resolution services to the parties by increasing the number of judges available to provide mediation services, increasing the number of judges trained in alternative dispute resolution and improving the delivery of services through hearing offices.

Appointed a second fee review hearing officer. This enables judges who had previously heard medical fee disputes to focus on workers' compensation petitions.

The statewide average time to hear and decide workers' compensation cases was 6.1 months, down from 6.3 months in 2016.

Continued to enhance WCAIS, which provides online services for Pennsylvania workers' compensation system users.

A WCAIS mobile application for attorneys was created and implemented for attorneys to use on web-enabled devices.

Formed WCAIS efficiency committees for judges and staff to provide input for future changes to WCAIS and to expand use of WCAIS.

Expanded the interpreter functionality in WCAIS to better track usage throughout the state. We utilized approximately 4,210 live interpreters statewide for hearings and mediations in 2017.

Participated on a statewide bench/bar committee to improve the workers' compensation dispute resolution system. WCJ case management, WCAIS, mediation and education subcommittees provided the suggestions for dispute management improvements at a statewide seminar.

Judges and district safety committees continued to work to identify and address safety concerns.

Created calendaring functionality in SharePoint to enable real time mediation scheduling.

Continued to support employee training and certification in CPR, AED and first aid as well as monitor and update AED equipment as necessary.

Conducted training sessions as requested across the state to help attorneys and staff better utilize WCAIS.

WCOA Resource Center assisted internal staff and external stakeholders with all adjudication-related questions, including WCAIS problems, questions or suggestions. The Resource Center tracks questions in number and type and uses the information to identify needs for training, communication, and/or WCAIS system enhancements.

The WCOA Resource Center provided WCAIS training and communications to internal staff and external stakeholders after each quarterly update to WCAIS. The center tested all new WCAIS enhancements before being released into production.

WCAIS Help

Email: WCOAResourceCenter@pa.gov

Phone: 844-237-6316

Stevi Leech — Resource Center Manager

Responded to the Pa Supreme Court's decision in Protz v WCAB (Derry Area School District) with enhanced management review and monitoring of Protz-related petition statuses and disposition.

Developed and conducted training and educational webinars for judges and staff on legal and job-related topics such as Protz. Created an electronic forum to share Protz related information.

Mission Statement

The Workers' Compensation Office of Adjudication provides an efficient and effective dispute resolution system that is a model for other resolution systems, by promptly, impartially, and with integrity, adjudicating and mediating workers' compensation disputes.

Overview of the Office of Adjudication (cont.)

Through a continuous improvement process, WCOA is committed to provide quality services in a timely, cost effective manner by leveraging technology, instituting procedural changes and promoting quality results that advance and streamline the dispute resolution process.

Workers' Compensation Judges are held to the highest of standards and issue reasoned decisions in a timely manner. As final finders of fact, they adhere to a strict code of professionalism and ethics.

Judge Managers

In addition to managing their own caseloads, the judge managers supervise the judges and the administrative officers in the Office of Adjudication field offices in their respective regions.



Susan
Caravaggio



David
Cicola



Joseph
Hagan



Karen
Wertheimer

Among other duties, judge managers are responsible for balancing workloads among judges; reassigning petitions among judges; assigning judges to handle informal conferences and mediations; performing

or assigning other judges to perform hearing duties for judges who are absent; training and evaluating new judges; interfacing with stakeholders and evaluating the impact of proposed policy and legislative changes.

Administrative Officers

The four administrative officers manage the Office of Adjudication field office facilities and clerical staff, supporting the judges in their respective districts. They develop enhancements of the adjudication processes in the field and provide innovative technology, necessary equipment and appropriate training for field office staff. The administrative officers are the Office of Adjudication's liaisons with the various divisions of the bureau and the department. They provide support to field offices that helps judges render timely decisions.

The Administrative Officers are:

Donna Gordon – Southeastern District – Philadelphia, Upper Darby

Gloria Gallagher – Eastern District – Allentown, Bristol, Lancaster, Malvern, Pottsville, Reading, Scranton, Wilkes-Barre

Rhonda Joy – Central District – Director's Office, Harrisburg, Petition Unit, Williamsport, Fee Review Hearing Office

Kenneth Kuklar – Western District – Altoona, Brookville, Clearfield, Erie, Greensburg, Johnstown, New Castle, Pittsburgh, Uniontown, Washington

Office of Adjudication Updates

Judge Procedural Questionnaires

The Office of Adjudication's website houses the Judges' Procedural Questionnaires. Questionnaires provide guidance in the form of a standard questionnaire completed by each judge, and in some instances, attached forms. The questionnaire provides information to parties as to a judge's expectations for hearings, submissions, etc. and addresses procedures that parties frequently encounter when litigating or mediating workers' compensation cases before a judge. The questionnaires may be searched alphabetically by judge's name or by field office and district. A link has been added in WCAIS in several locations to take the user to the website to view the Judges' Procedural Questionnaires.

The procedural requirements provided are for informational purposes only, intended solely as general guidelines for litigating or mediating cases before workers' compensation judges. The Q&As range in topic from what parties can expect at a first meeting with the judge, to a particular judge's rules for taking testimony, to procedures for supersedeas hearings, to whether the judge will close a case by WCAIS upload or mail and more.

Alternative Dispute Resolution Services

The Office of Adjudication is pleased to offer mandatory mediation services, voluntary mediation services and informal conferences under the act. Under this system, the decision is placed in the hands of the parties through a process of self-determination to reach an amicable agreement as to issues in a dispute, or the entire dispute or claim. The judge's role is to facilitate the parties' discussion, provide guidance through the process in identifying each party's interests and to assist the parties in determining creative solutions for possible settlements.

Parties retain control over the outcome. There is no cost when a workers' compensation judge serves as the neutral party. Other potential benefits of this system include:

- Informal sessions
- Open communication between the parties
- Expedition of the claims process

Office of Adjudication Updates (cont.)

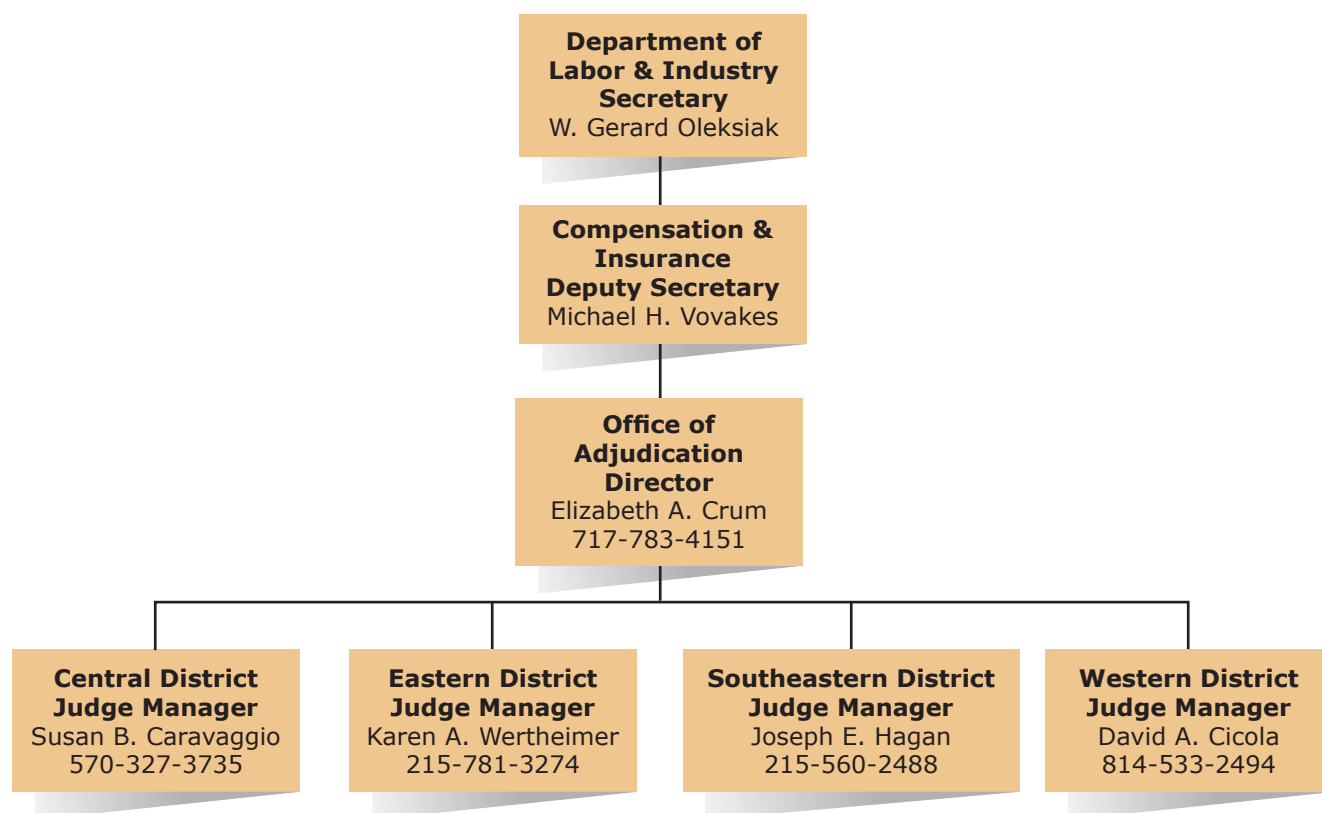
The Office of Adjudication schedules mandatory mediation sessions as required by the act as well as voluntary mediation sessions upon request of the

parties. In 2017, the Office of Adjudication conducted mediations in 9,070 cases, resulting in resolution of 3,975 claims.

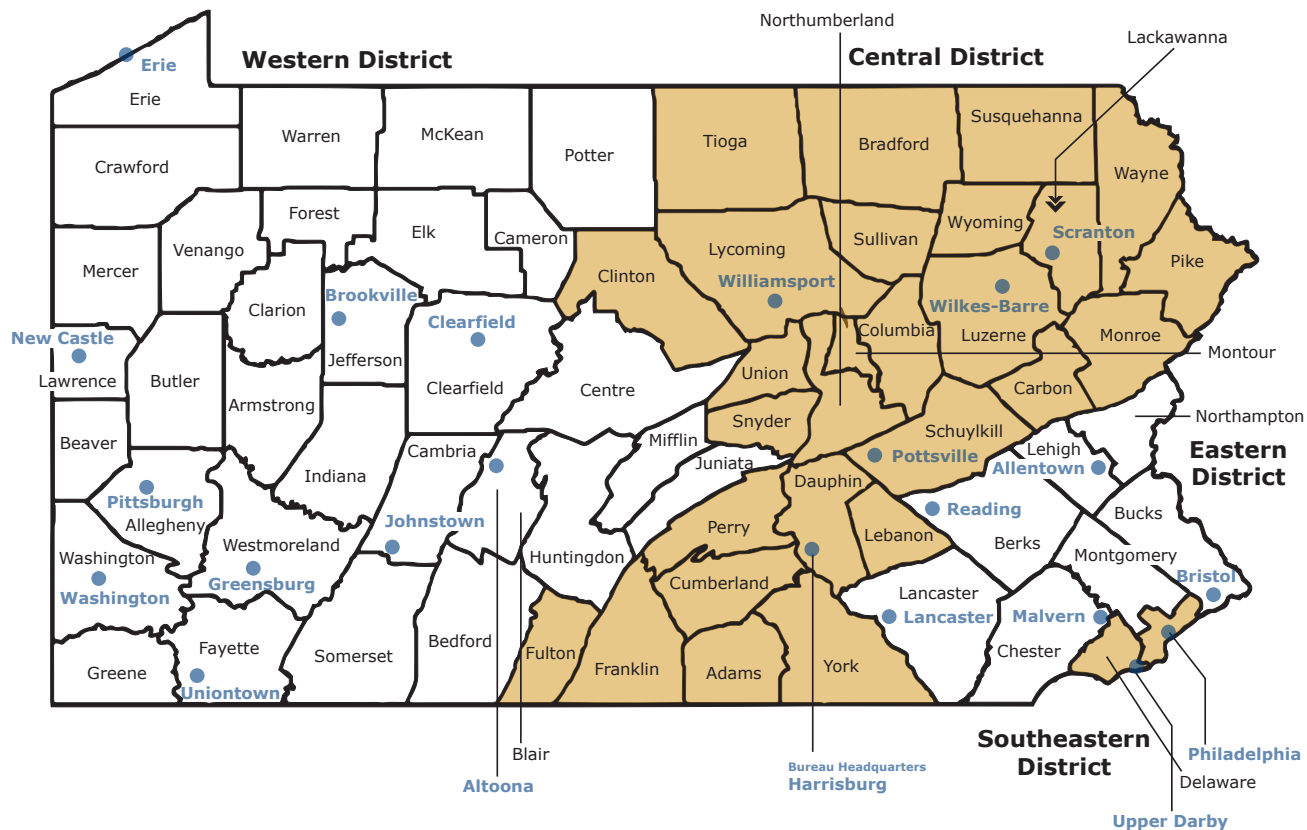
Office of Adjudication Personnel

Organization Chart

As of Dec. 31, 2017



Office of Adjudication District Offices



See telephone directory on pages 36-38 for names, telephone numbers and office locations of workers' compensation judges.

Western District

Altoona

615 Howard Ave., Suite 202
Altoona, PA 16601-4813
814-946-7355

Brookville

18 Western Ave., Suite F
Brookville, PA 15825-1540
814-849-5382

Clearfield

241 E. Market St.
Clearfield, PA 16830-2424
814-765-6398

Erie

3400 Lovell Place
13th & Holland Streets
Erie, PA 16503-2621
814-871-4632

Greensburg

144 N. Main St., Suite 1A
Greensburg, PA 15601-2404
724-832-5310

Johnstown

607 Main St., Suite 100
Johnstown, PA 15901-2119
814-533-2494

New Castle

Cascade Galleria
100 S. Jefferson St., Suite 146
New Castle, PA 16101-3900
724-656-3084

Pittsburgh

411 7th Ave., Room 310
Pittsburgh, PA 15219-1944
412-565-5277

Uniontown

108 N. Beeson Blvd., Suite 200
Uniontown, PA 15401-7401
724-439-7420

Washington

Millcraft Center, Suite 120 LL
90 W. Chestnut St.
Washington, PA 15301-4528
724-223-4595

Eastern District

Allentown

7248 Tilghman St., Suite 150
Allentown, PA 18106-9355
610-366-6060

Bristol

1242 Veterans Highway
Bristol, PA 19007-2512
215-781-3274

Lancaster

315 W. James St., Suite 206
Lancaster, PA 17603-2979
717-299-7591

Malvern

72 Lancaster Ave., 2nd Floor
Malvern, PA 19355-2142
610-251-2878

Reading

Reading State Office Bldg.
625 Cherry St., Suite 150
Reading, PA 19602-1151
610-621-2370

Central District

Director's Office

East Gate Center
1010 N. 7th St., Room 318
Harrisburg, PA 17102-1400
717-783-4151

Harrisburg

East Gate Center
1010 N. 7th St., Room 319
Harrisburg, PA 17102-1400
717-783-4419

Pottsville

112 S. Claude A. Lord Blvd.
Pottsville, PA 17901-3602
570-621-3146

Scranton

321 Spruce St., 3rd Floor
Scranton, PA 18503
570-963-4580

Wilkes-Barre

101-105 N. Main St.
2nd Floor Rear
Wilkes-Barre, PA 18701-2002
570-826-2577

Williamsport

208 W. Third St., Rear,
Suite 202
Williamsport, PA 17701-6450
570-327-3735

Southeastern District

Philadelphia

110 N. 8th St., Suite 401
Philadelphia, PA 19107-2413
215-560-2488

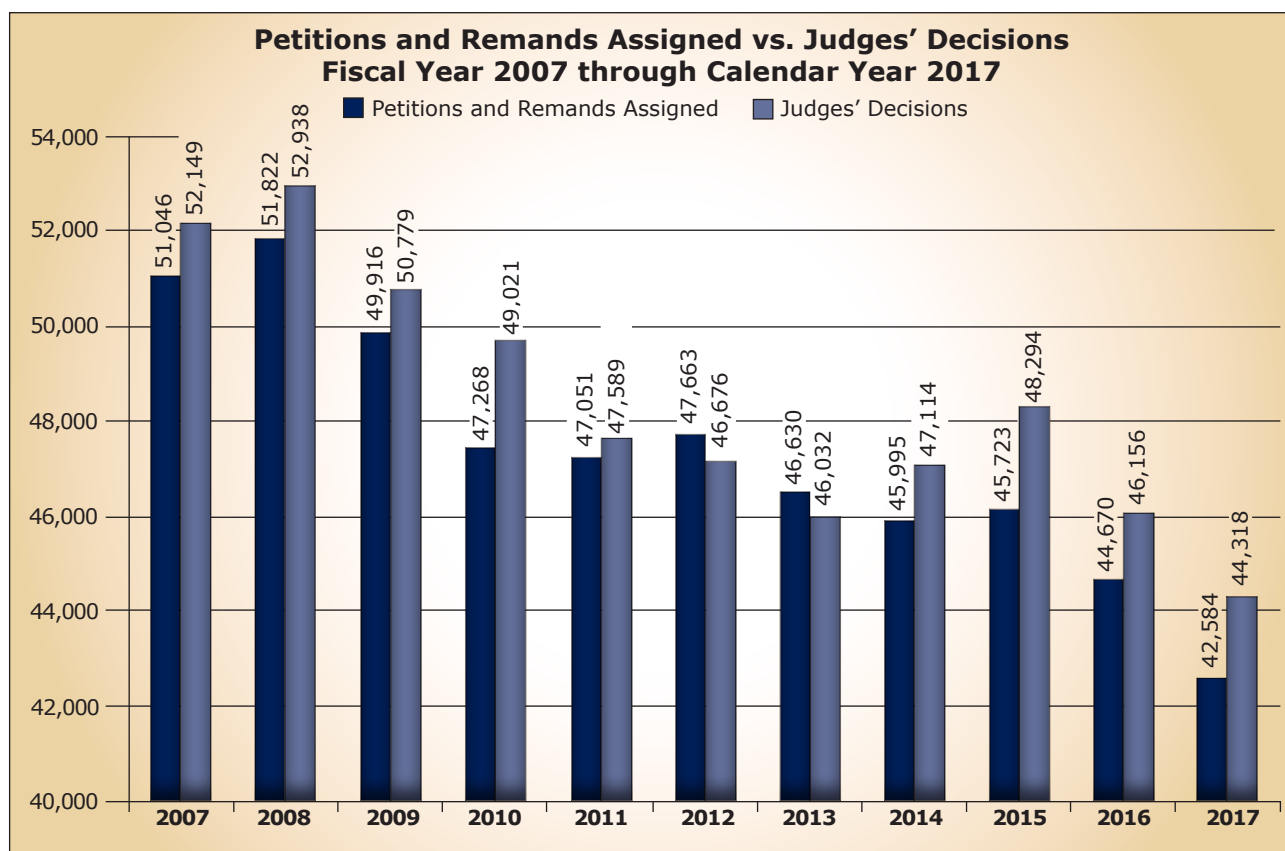
Upper Darby

Barclay Square Center
2nd Floor
1500 Garrett Road
Upper Darby, PA 19082-4519
610-284-6913

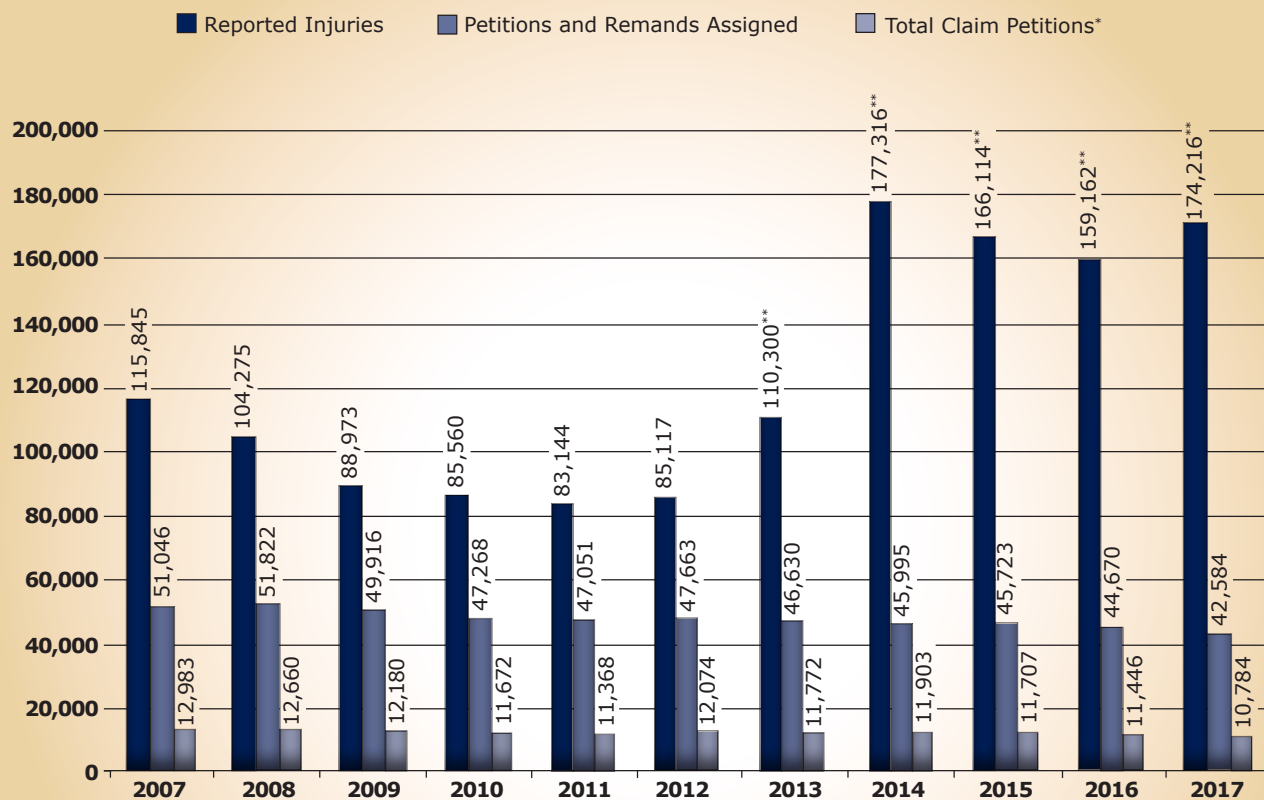
Petitions Assigned to Judges (Not Remands) 2012–2017

TYPE OF PETITION	2012	2013	2014	2015	2016	2017
Claim Petition	9,451	9,280	9,392	9,171	9,375	8,757
Commutation Petition	3	4	1	0	0	2
Employee Challenge	775	850	869	805	778	839
Fatal Basic OD Petition	0	1	0	0	0	0
Fatal Claim Petition	99	90	88	73	69	76
Fatal Other OD Petition	8	3	0	0	0	1
Interview Petition*	245	N/A	N/A	N/A	N/A	N/A
Joinder Petition	324	330	355	349	351	350
OD 301(i) Petition	7	13	19	9	3	2
Penalty Petition	6,367	6,154	6,326	6,460	6,200	6,144
Petition to Modify Compensation	2,791	2,605	2,264	2,248	2,012	1,724
Petition to Reinstate Compensation Benefits	2,484	2,349	2,367	2,427	1,974	1,931
Petition to Review Benefit Offset	240	286	214	190	198	141
Petition to Review Compensation Benefits	4,446	4,260	4,415	4,520	4,333	4,244
Petition to Review Medical Treatment	1,151	1,076	1,021	993	956	757
Petition to Seek Approval of Compromise & Release	5,788	5,809	5,356	5,270	5,162	5,161
Petition to Set Aside Final Receipt	25	36	37	27	25	18
Petition to Suspend Compensation	3,773	3,465	3,224	3,311	3,117	2,991
Petition to Terminate Compensation Based on Physician's Affidavit	695	907	959	929	1,002	908
Petition to Terminate Compensation Benefits	4,776	4,734	4,718	4,759	4,856	4,562
Physical Exam Petition*	1,718	N/A	N/A	N/A	N/A	N/A
Physical Examination and Interview Petition	N/A	1,984	1,960	2,182	1,967	1,872
SFR Petition	66	17	53	35	29	31
Subsequent Injury Fund Petition	1	3	4	3	4	1
UEGF Claim Petition	295	380	380	328	366	338
UR Petition	1,837	1,829	1,697	1,609	1,763	1,653
Total	47,365	46,465	45,719	45,723	44,540	42,503

*Interview petition and Physical Exam Petition were combined; see Physical Examination and Interview Petition (LIBC 499).



Reported Injuries vs. Total Petitions and Remands vs. Total Claim Petitions* Fiscal Year 2007 through Calendar Year 2017



*Claim petitions include: claim, reinstatement, fatal, set aside final receipt, 301(i) and OD Fatal.

**Not indicative of an increase in actual injuries; count reflects new claims reporting standards that include medical-only claims. 2013 count includes only fourth-quarter medical only claims. Subsequent year counts include medical-only claims from the whole year.

Source: Workers' Compensation Office of Adjudication, Pennsylvania Department of Labor & Industry

All Assignments

CALENDAR YEAR 2017
(CALENDAR YEAR 2016)



Overview of the Workers' Compensation Appeal Board

Mission Statement

The mission of The Pennsylvania Workers' Compensation Appeal Board (WCAB) is to provide every injured worker and employer the opportunity to seek redress from an adverse decision and order of a Workers' Compensation Judge (WCJ) by assuring that the decision was reasoned, was supported by substantial and competent evidence, and comported with applicable law.

The WCAB shall continually strive to: provide adequate opportunity for appellate argument; issue objective, learned, and responsive decisions in a timely manner; and allocate sufficient resources to its commissioners and staff to provide a positive, efficient, and productive work environment in service to the public and the Commonwealth.

Primary Functions

The WCAB is granted statutory authority under the Workers' Compensation Act (WCA) to adjudicate all appeals from decisions rendered by the WCJs throughout Pennsylvania.

Any aggrieved party may appeal the decision of a WCJ by filing a Notice of Appeal with the WCAB within 20 days of the issuance of the WCJ's decision and order. The WCAB reviews a WCJ's decision to assure that it is supported by substantial and competent evidence, and is legally in accordance with the WCA.

In addition to adjudicating appeals from decisions and orders of WCJs, the WCAB has original jurisdiction over the appointment of fiduciary guardianships under § 307 of the WCA, commutation petitions under § 316, trustee payments under § 317, attorney fee petitions under §§ 442 and 501, total disability conversion determinations per instances of dual specific loss claims under § 306, and rehearing petitions under §§ 425 and 426.

The WCAB hears appellate arguments, according to caseload, in Philadelphia, Pittsburgh, Harrisburg, Scranton, and Erie.

WCAB Commissioners possess statewide jurisdiction. The commissioners most frequently hear cases in panels of two. By statute, WCAB decisions and orders must be concurred in by a majority of all commissioners.

2017 Accomplishments

In 2017 the WCAB received, 1,466 appeals and cross-appeals, filed in approximately, 1,319 cases. The WCAB issued opinions and disposition orders in 1,916 cases and also issued approximately 646 supersedeas determinations. The average time from appeal filing to publication of WCAB opinion, which includes delays requested by parties in the form of hearing continuances and brief filing extensions, was 11.2 months. Currently, the WCAB has a working inventory of approximately 635 pending appeals and petitions.

The WCAB continues to hear guardianship petitions, which helps the parties avoid Orphans Court and obtain an expedited legal decision.

The WCAB Central Office moved from 901 N. 7th Street, Harrisburg, Pa to 1171 S. Cameron Street, Harrisburg, Pa on Jan. 10, 2018.

WCAIS

In 2017 litigants took advantage of the Workers' Compensation Automation and Integration System (WCAIS), with 93 percent of the appeals and petitions being filed electronically using WCAIS.

The WCAB was the first commonwealth agency to "go-live" with Release 1 of WCAIS in September 2012. The WCAB continues to make assessments and adjustments to WCAIS in order to improve public service and maintain the integrity of the administrative appellate process.

Commissioners and Secretary

Currently the WCAB consists of seven commissioners:

Commissioner Alfonso Frioni, Jr., Esq., Chair
Commissioner Sandra D. Crawford, Esq.
Commissioner Thomas P. Cummings, Jr., Esq.
Commissioner William I. Gabig, Esq.
Commissioner Robert A. Krebs, Esq.
Commissioner David A. Wilderman, Esq.
Commissioner James A. Zurick, Esq.

The WCAB Secretary is Steven B. Loux, Esq.

Overview of the Workers' Compensation Appeal Board



Standing (L to R)

Commissioner Thomas P. Cummings, Jr., Esq.
Commissioner William I. Gabig, Esq.
Commissioner James A. Zurick, Esq.

Seated (L to R)

Commissioner Robert A. Krebs, Esq.
Chairman Alfonso Frioni, Jr., Esq.
Commissioner Sandra D. Crawford, Esq.

Missing from photo:

Commissioner David A. Wilderman, Esq.
Steven B. Loux, Esq., Secretary

Governor's Occupational Safety and Health Conference

This two-day conference brings together individuals with special interest in the field of workplace health and safety to share ideas and to meet innovators in safety program design and technology.

Using labor-management cooperation, the conference goal is to create a safer workplace and a healthier workforce, and to increase awareness of safety issues in the workplace, the home and throughout local communities.

Featuring nationally-known speakers, the conference highlights one-on-one interaction during two days of workshops. Many of the workshops are created based on needs expressed by attendees at the previous year's conference. In addition, workshops with the most interest from attendees are repeated in the second session of the day to ensure that all participants have the opportunity to participate in the workshops of their interest.

Governor's Award for Safety Excellence

Providing a safe work environment for Pennsylvania's workers requires complete commitment by employers and employees. This safety initiative provides Pennsylvania employers and employees with the information and technical assistance needed to develop comprehensive safety practices in the workplace. It also recognizes the successful employer-employee joint safety programs, which result in the achievement of safety excellence.

The Governor's Award for Safety Excellence is a competitive award, as evidenced by the high number

of nominations received annually. The information gained from these nominations provides valuable best practices that are shared across the state.

Any Pennsylvania employer is eligible for the Governor's Award for Safety Excellence; nominations for the award are voluntary. Information and criteria used to determine finalists include any established joint safety committee; level of labor and management cooperation in prevention efforts; a comprehensive safety plan with a commitment of resources and training; trends experienced in workplace injuries/illnesses over the past five years; number, frequency and severity of workplace injuries/illnesses vs. industry standards; and innovation and strategic development of safety policy and approaches.

Initial review of all nominations is conducted by the Governor's Award for Safety Excellence Review Committee. Semi-finalists are then contacted for an on-site visit conducted by a member(s) of the department's safety team to review the nominee's comprehensive safety program. Site visit reports are written and distributed to the review committee for the determination of finalists. Recommendations are then forwarded to the secretary of Labor & Industry, who makes the final determination.

Awards are presented by representatives of the Department of Labor & Industry at the Governor's Occupational Safety and Health Conference as well as at the organization's workplace. Winners receive a "Governor's Award for Safety Excellence" plaque to memorialize the achievement.

For a copy of the award application, visit www.dli.pa.gov; click on "Businesses," "Health & Safety Division," then "Governor's Award for Safety Excellence."

2017 Governor's Award for Safety Excellence (GASE) Winners

ADVANCED CAST PRODUCTS, INC.



Advanced Cast Products, Inc., located in Meadville, has 219 employees represented by Local 1917 United Steel Workers. The company is a ductile iron foundry and their primary markets include heavy truck, construction equipment, railroad and mining parts.

One of their key safety practices is that new employees must complete an eight-week Work Hardening Program, which allows the new employee to “ease” into a full eight-hour day on the line. Advanced Cast Products has worked more than 1.8 million hours since their last lost-work-day accident.

ENVIRONMENTAL WASTE MINIMIZATION, INC.



Environmental Waste Minimization Inc.'s (EWMI) services include remediation, demolition, lab pack, transportation and disposal, soil management and emergency services.

EWMI believes that their safety program never takes a break and they must continually evolve to meet and exceed best safe work practices to help achieve their goal of zero workplace incidents. One of their unique safety practices is a Job Site Cell Phone Box, which employees at job sites use for stowing their cell phone prior to working to avoid the temptation of using them while on the job site. During the past three years, EWMI has seen their workplace injuries reduced to zero.

RETTEW



RETTEW has nine U.S. offices, five of which are located in the commonwealth, in Lancaster, Williamsport, Allentown, Pittsburgh and Mechanicsburg. RETTEW, which has 336 employees, provides services including civil and municipal engineering, construction services, energy and environmental engineering, land development, surveying and much more.

In 2016 RETTEW's total recordable incident rate was 0.35. The firm reported one recordable injury and zero lost or restricted work days.

One of the company's unique safety practices was the establishment of a Safety One Call number for employees to report safety concerns.

More Information

On the Web

Check us out on the web at www.dli.pa.gov. Click on "Workers' Compensation" to find exciting and innovative workers' compensation features, including:

Health and Safety

Find descriptions about a variety of safety-related programs including: safety committee certification, return-to-work, the Governor's Award for Safety Excellence and drug-free workplaces. You'll also learn about HandS, the health and safety online filing system, and the Pennsylvania Training for Health and Safety, or PATHS, a free safety training and educational resource. Self-insured employers and insurers can file annual reports online. Employers who want to certify their safety committees or renew existing certification can do so on the web. Health and Safety web pages provide instructions on how to use the HandS system and how to establish a user account.

Claims Information

WCAIS gives the external community access to their claims in the system. See www.wcais.pa.gov for registration information and more.

Log on to the EDI web page for information regarding Claims EDI Release 3 and access to the Implementation Guide, supporting documents and more: www.dli.pa.gov, "Workers' Compensation," "WCAIS," "Electronic Data Interchange."

Other Useful Information

Use the web to access other information such as the Workers' Compensation Act, bureau publications, information on obtaining workers' compensation hearing transcripts, alternative dispute resolution, Kids' Chance of Pennsylvania Inc. and more.

Publications Available from the Bureau of Workers' Compensation

Workers' Compensation Act

The bureau makes the Pennsylvania Workers' Compensation Act available online at www.dli.pa.gov. Click on "Workers' Compensation," then "Publications," then "WC Act." Hard copies of the act are available for purchase from the State Bookstore of Pennsylvania's website, www.shopPAheritage.com.

Employer Information

- Employer's Guide to Self-Insuring Workers' Compensation (LIBC-300) Information on how to self-insure your workers' compensation coverage.
- Employer Information (LIBC-200) includes key aspects of the act that relate specifically to employers.

Injured Worker Information

- Workers' Compensation & the Injured Worker (LIBC-100) - General information on the rights and responsibilities of injured workers under the law. This publication is also available in Spanish.

Medical Cost Containment Information

- Medical Cost Containment Regulations Reference – workers' compensation medical cost containment regulation highlights.

Health and Safety Materials

- Health and Safety Regulations published in the Pennsylvania Bulletin, Vol. 31, no. 28, July 14, 2001
- PA Training for Health and Safety (PATHS) Training Resources and Calendar
- State-Certified Workplace Safety Committee Program (LIBC-733)
- Application for Certification of Workplace Safety Committee Completion Guide (LIBC-372)
- Renewal Application for Safety Committee Certification Completion Guide (LIBC-372R)
- Commonwealth of Pennsylvania Insurer's Initial Report of Accident & Illness Prevention Services (LIBC-211I)
- Insurer's Annual Report of Accident & Illness Prevention Services (LIBC-210I)
- Commonwealth of Pennsylvania Self-Insured Employer's Initial Report of Accident & Illness Prevention Program (LIBC-221E)

More Information (cont.)

- Accident & Illness Prevention Program Status by Individual Self-Insured Employers (LIBC-220E)
- Governor's Award for Safety Excellence application

Miscellaneous

- News & Notes – bureau newsletter on policies, procedures and updates on the law.
- Section 305 Prosecutions – A guide to aid Pennsylvania's district attorneys in prosecuting employers who fail to carry the required workers' compensation insurance coverage as outlined in Section 305 of the act.

Join our Mailing List

To be added to our electronic mailing list, email your name, the county in which you work or reside and your affiliation (claimant attorney, defense attorney, employer, government, health care industry, insurance industry, labor, third-party administrator or other) to RA-LI-BWC-Helpline@pa.gov or RA-LIBWC-NEWS@pa.gov, and ask to be added to our mailing lists.

To obtain copies of the publications listed above or for information regarding workers' compensation in Pennsylvania,

Email

ra-li-bwc-helpline@pa.gov

WCAIS Help Center

www.wcais.pa.gov

- FAQs and detailed instructions for using the system can be found in WCAIS' online help section.

Phone

Claims Information Services:

- Inside PA toll-free 800-482-2383
- Local and outside PA 717-772-4447
- Employer Information Services 717-772-3702

Hearing Impaired PA Relay 7-1-1

Mail

Bureau of Workers' Compensation
Information Services
1171 S. Cameron St., Room 324
Harrisburg, PA 17104-2501

Direct assistance is available through the WCAIS Customer Support Help Center at www.wcais.pa.gov. Click on HELP.

Administrative Support Division..... 717-783-5421

Claims Management Division..... 717-772-0621
Records Section..... 717-787-3361

Information Services Helpline..... 717-783-5421

Email: ra-li-bwc-helpline@pa.gov
Claims Information Services
Inside PA toll-free..... 800-482-2383
Local and outside PA..... 717-772-4447
Employer Information Services..... 717-772-3702
Hearing Impaired..... 7-1-1
Local and outside PA..... 717-772-4991

Director's Office..... 717-783-5421

Health and Safety Division..... 717-772-1917

Email: General Questions - ra-li-bwc-safety@pa.gov
PATHS Questions - ra-li-bwc-paths@pa.gov
Audit/Report Processing..... 717-772-1636
Certification/Education..... 717-772-1635

Health Care Services Review Division..... 717-787-3486

Email: ra-li-bwc-hcsrd@pa.gov
Fee Review..... 717-772-1900
Utilization Review..... 717-772-1914

Legal Division..... 717-783-4467

Email: gc-li-cameronstoffice@pa.gov

Self-Insurance Division..... 717-783-4476

Special Funds & Compliance Division 717-783-5421

Compliance Section 717-787-3567
Special Funds Section 717-787-3457
Uninsured Employers Guaranty Fund (UEGF)..... 717-787-3457

Bureau of Workers' Compensation Contact Information

PERSONNEL	LOCATION	TITLE	TELEPHONE
Clemens, Patricia	Harrisburg HQ	Chief, Health Care Services Review	717-787-3486
Coake, Lea	Harrisburg HQ	Analyst, Self-Insurance	717-783-4476
Deimier, Jamie	Harrisburg HQ	Administrative Officer - Administrative Support	717-783-5421
Dow, Callie	Harrisburg HQ	Manager, Special Funds	717-787-3457
Evans, Darrel	Harrisburg HQ	Supervisor, Health Care Services Review	717-783-5421
Hoffman, Eric	Harrisburg HQ	Manager, Certification & Education - Health & Safety	717-772-1635
Jefferson, Michael	Harrisburg HQ	Property & Casualty Insurance Actuary	717-783-4476
Kell, Andrew	Harrisburg HQ	Supervisor, Mailroom - Administrative Support	717-783-5421
Keller, Laura	Harrisburg HQ	Chief, Special Funds & Compliance	717-783-5421
Kilgore, Leandra	Harrisburg HQ	Acting Chief, Claims	717-772-0621
Laughman, Tammy	Harrisburg HQ	Manager, Data Quality	717-772-0621
Longson, Lac	Harrisburg HQ	Property & Casualty Insurance Actuary	717-783-4476
McGarrity, Jennifer	Harrisburg HQ	Supervisor, Records - Claims	717-772-0621
Minckler, Pam	Harrisburg HQ	Manager, Fee Review - Health Care Services Review	717-772-1900
Myers, Penny	Harrisburg HQ	Accountant - Administrative Support	717-783-5421
Polin, Larry	Harrisburg HQ	Property & Casualty Insurance Actuary	717-783-4476
Pricer, Harte	Harrisburg HQ	Manager, EDI - Claims	717-772-0618
Reichert, Edith	Harrisburg HQ	Manager, Uninsured Employers Guaranty Fund	717-783-5421
Robinson, Patricia	Harrisburg HQ	Manager, Medical Treatment Review - Health Care Services Review	717-772-1914
Snyder, Mistie	Harrisburg HQ	Chief, Administrative Support	717-783-7421
Weiant, Scott G.	Harrisburg HQ	Director, Bureau of Workers' Compensation	717-886-9000
Zacks, Amy	Harrisburg HQ	Manager, Helpline - Claims	717-772-4447
Vacant	Harrisburg HQ	Manager, Compliance	717-787-3567
Vacant	Harrisburg HQ	Manager, Audit - Health & Safety	717-772-1636
Vacant	Harrisburg HQ	Analyst, Self-Insurance	717-783-4476
Vacant	Harrisburg HQ	Chief, Self-Insurance	717-783-4476
Vacant	Harrisburg HQ	Manager, Records - Claims	717-772-0621
Vacant	Harrisburg HQ	Manager, Applications - Self-Insurance	717-783-4476

Workers' Compensation Office of Adjudication Directory

COUNTY	ADDRESS	PHONE
ALLENTOWN	7248 Tilghman St., Suite 150, Allentown, PA 18106-9355	610-366-6060
ALTOONA	615 Howard Ave., Suite 202, Altoona, PA 16601-4813	814-946-7355
BRISTOL	1242 Veterans Highway, Bristol, PA 19007-2512	215-781-3274
BROOKVILLE	18 Western Ave., Suite F, Brookville, PA 15825-1540	814-849-5382
CLEARFIELD	241 E. Market St., Clearfield, PA 16830-2424	814-765-6398
DIRECTOR'S OFFICE	East Gate Center, 1010 N. 7th St., Room 318, Harrisburg, PA 17102-1400	717-783-4151
ERIE	3400 Lovell Place, 13th & Holland Sts., Erie, PA 16503-2621	814-871-4632
GREENSBURG	144 N. Main St., Suite 1A, Greensburg, PA 15601-2404	724-832-5310
HARRISBURG	East Gate Center, 1010 N. 7th St., Room 319, Harrisburg, PA 17102-1400	717-783-4419
JOHNSTOWN	607 Main St., Suite 100, Johnstown, PA 15901-2119	814-533-2494
LANCASTER	315 W. James St., Suite 206, Lancaster, PA 17603-2979	717-299-7591
MALVERN	72 Lancaster Ave., 2nd Floor, Malvern, PA 19355-2142	610-251-2878
NEW CASTLE	Cascade Galleria, 100 S. Jefferson St., Suite 146, New Castle, PA 16101-3900	724-656-3084
PHILADELPHIA	110 N. 8th St., Suite 401, Philadelphia, PA 19107-2413	215-560-2488
PITTSBURGH	411 7th Ave., Room 310, Pittsburgh, PA 15219-1944	412-565-5277
POTTSVILLE	112 S. Claude A. Lord Blvd., Pottsville, PA 17901-3602	570-621-3146
READING	Reading State Office Bldg., 625 Cherry St., Suite 150 Reading, PA 19602-1151	610-621-2370
SCRANTON	321 Spruce St., 3rd Floor, Scranton, PA 18503	570-963-4580
UNIONTOWN	108 N. Beeson Blvd., Suite 200, Uniontown, PA 15401-7401	724-439-7420
UPPER DARBY	Barclay Square Center, 2nd Floor, 1500 Garrett Rd., Upper Darby, PA 19082-4519	610-284-6913
WASHINGTON	Millcraft Center, Suite 120 LL, 90 W. Chestnut St., Washington, PA 15301-4528	724-223-4595
WILKES-BARRE	101-105 N. Main St., 2nd Floor Rear, Wilkes-Barre, PA 18701-2002	570-826-2577
WILLIAMSPORT	208 W. Third St., Rear, Suite 202, Williamsport, PA 17701-6450	570-327-3735

Workers' Compensation Office of Adjudication Contact Information

PERSONNEL	LOCATION	TITLE	TELEPHONE
August, Chelsea	Greensboro FO	Supervisor	724-832-5310
Bachman, Patricia	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Bailey, Deborah	Reading FO	Supervisor	610-621-2370
Baldys, Karl	Williamsport FO	Workers' Compensation Judge	570-327-3735
Beach, Audrey	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Beck, Lawrence	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Benedict, Alfred	New Castle FO	Workers' Compensation Judge	724-656-3084
Benischeck, Robert	Bristol FO	Workers' Compensation Judge	215-781-3274
Booth, Ashley	Wilkes-Barre FO	Supervisor	570-826-2577
Bowers, Debra	Malvern FO	Workers' Compensation Judge	610-251-2878
Briston, Pamela	Pittsburgh FO	Workers' Compensation Judge	412-565-5277
Bulman, Timothy	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Callahan, Bonnie	Malvern FO	Workers' Compensation Judge	610-251-2878
Caravaggio, Susan	Williamsport FO	Workers' Compensation Judge	570-327-3735
Carnahan, Theresa	Pittsburgh FO	Supervisor	412-565-5277
Cicola, David	Johnstown FO	Workers' Compensation Judge	814-533-2494
Coholan, Anne	Uniontown FO	Workers' Compensation Judge	724-439-7420
Costelnock, Paul	Greensburg FO	Workers' Compensation Judge	724-832-5310
Craig, Sandra	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Crilley, Anne	Pittsburgh FO	Workers' Compensation Judge	412-565-5277
Cummings, Patrick	Scranton FO	Workers' Compensation Judge	570-963-4580
Crum, Elizabeth	Harrisburg FO	Director, WCOA	717-783-4151
DeMeo, Anthony	Philadelphia FO	Supervisor	215-560-2488
Dietrich, Wayne	Harrisburg FO	Workers' Compensation Judge	717-783-4419
DiLorenzo, Kathleen	Upper Darby FO	Workers' Compensation Judge	610-284-6913
Dively, Brenda	Harrisburg FO	Supervisor	717-783-4419
Doman, Bruce	Allentown FO	Workers' Compensation Judge	610-366-6060
Doneker, Beverly	Harrisburg FO	Workers' Compensation Judge	717-425-7755
Eader, Brian	Harrisburg FO	Workers' Compensation Judge	717-783-4419
Ellis, Penny	Williamsport FO	Supervisor	570-327-3735
Farese, Nancy	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Fegley, Wayne	Pottsville FO	Workers' Compensation Judge	717-299-7591
Few, Peter	Malvern FO	Supervisor	610-251-2878
Gallagher, Gloria	Lancaster FO	Administrative Officer	717-299-7591
Gallishen, William	Johnstown FO	Workers' Compensation Judge	814-533-2494
Goduto, Robert	Lancaster FO	Workers' Compensation Judge	717-299-7591
Gonzalez, Melissa	Harrisburg FO	Supervisor	717-787-3274
Gordon, Donna	Philadelphia FO	Administrative Officer	215-560-2488
Grady, Joseph	Scranton FO	Workers' Compensation Judge	570-963-4580
Guaetta, Roxann	Johnstown FO	Supervisor, Altoona and Johnstown Offices	814-946-7355
Guyton, Ada	Greensburg FO	Workers' Compensation Judge	724-832-5310
Hagan, Joseph	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Hakun, Joseph	Malvern FO	Workers' Compensation Judge	610-251-2878

Workers' Compensation Office of Adjudication Contact Information (cont.)

PERSONNEL	LOCATION	TITLE	TELEPHONE
Hankee, Kimberly	Allentown FO	Supervisor	610-366-6060
Hannon, Lori	Scranton FO	Supervisor	570-963-4580
Harlen, Stephen	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Harris, Alan	Wilkes-Barre FO	Workers' Compensation Judge	570-826-2577
Harrison, Marc	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Haynes, Victoria	Pittsburgh FO	Supervisor	412-565-5277
Hemak, Brian	Wilkes-Barre FO	Workers' Compensation Judge	570-826-2577
Hetrick, Michael	Pottsville FO	Workers' Compensation Judge	570-621-3146
Ignasiak, Cheryl	Pittsburgh FO	Workers' Compensation Judge	412-565-5277
Jones, Eric	Pittsburgh FO	Workers' Compensation Judge	412-565-5277
Joy, Rhonda	Harrisburg HQ	Administrative Officer	717-783-4151
Keeney, Brandy	Harrisburg HQ	Supervisor, Director's Office	717-783-4151
Kelley, Susan	Malvern FO	Workers' Compensation Judge	610-251-2878
Knox, Terry	Reading FO	Workers' Compensation Judge	610-621-2370
Koll, Michael	Clearfield FO	Workers' Compensation Judge	814-765-6398
Krass, Denise	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Kuklar, Kenneth	Uniontown FO	Administrative Officer	724-439-7420
Kutz, Thomas	Harrisburg FO	Workers' Compensation Judge	717-783-4419
Kuzma, Thomas	Pottsville FO	Workers' Compensation Judge	570-621-3146
Lawrence, Geoffrey	Upper Darby FO	Workers' Compensation Judge	610-284-6913
Lawton, Charles	Washington FO	Workers' Compensation Judge	724-223-4595
Leech, Stevi	Johnstown FO	Management Analyst	814-533-2494
Lewis, Leah	Harrisburg FO	Workers' Compensation Judge	717-783-4419
Lincicome, Francine	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Lowman, William	Uniontown FO	Workers' Compensation Judge	724-439-7420
Lugo, Carmen	Erie FO	Workers' Compensation Judge	814-871-4632
Majikas, Jeffrey	Wilkes-Barre FO	Workers' Compensation Judge	570-826-2577
Makin, Sarah	Upper Darby FO	Workers' Compensation Judge	610-284-6913
McCormick, Andrea	Philadelphia FO	Workers' Compensation Judge	215-560-2488
McManus, Joseph	Bristol FO	Workers' Compensation Judge	215-781-3274
McTiernan, John	Brookville	Workers' Compensation Judge	814-849-5382
Melcher, Kelly	Malvern FO	Workers' Compensation Judge	610-251-2878
Minnich, Steven	Pittsburgh FO	Workers' Compensation Judge	412-565-5277
O'Donnell, Robert	Lancaster FO	Workers' Compensation Judge	717-299-7591
Olin, Scott	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Peckmann, Karl	Harrisburg FO	Workers' Compensation Judge	717-783-4419
Platt, Zach	Harrisburg FO	Supervisor	717-783-4419
Pletcher, Eric	Wilkes-Barre FO	Workers' Compensation Judge	570-826-2577
Pogirski, Nathan	Reading FO	Workers' Compensation Judge	610-621-2370
Poorman, Donald	Malvern FO	Workers' Compensation Judge	610-251-2878
Puhala, Brian	Allentown FO	Workers' Compensation Judge	610-366-6060

Workers' Compensation Office of Adjudication Contact Information (cont.)

PERSONNEL	LOCATION	TITLE	TELEPHONE
Rago, Tina	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Radaker, Cindy	Brookville FO	Supervisor, Brookville and Clearfield Offices	814-849-5382
Rosen, Michael	Bristol FO	Workers' Compensation Judge	215-781-3274
Russell, Jeffrey	New Castle FO	Workers' Compensation Judge	724-656-3084
Rutt, Cindy	Lancaster FO	Supervisor	717-299-7591
Sabatino, Cathleen	Allentown FO	Workers' Compensation Judge	610-366-6060
Sallese, Ian	New Castle FO	Supervisor	724-656-3084
San Angelo, Holly	Philadelphia	Workers' Compensation Judge	215-560-2488
Santoro, Pam	Pittsburgh FO	Workers' Compensation Judge	412-565-6277
Schwartz, Jacob	Harrisburg FO	Workers' Compensation Judge	717-783-4419
Sebastianelli, Joseph	Wilkes-Barre FO	Workers' Compensation Judge	570-826-2577
Seelig, Todd	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Sheldon, Patrick	Harrisburg FO	Workers' Compensation Judge	717-783-4419
Snyder, Daniel	Allentown FO	Workers' Compensation Judge	610-366-6060
Soltis, Jacquelyn	Bristol FO	Supervisor	215-781-3274
Spizer, Howard	Scranton FO	Workers' Compensation Judge	570-963-4580
Stapleton, James	Reading FO	Workers' Compensation Judge	610-621-2370
Steiner, Robert	New Castle FO	Workers' Compensation Judge	724-656-3084
Stokes, Joseph	Upper Darby FO	Workers' Compensation Judge	610-284-6913
Timm, Audrey	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Torrey, David	Pittsburgh FO	Workers' Compensation Judge	412-565-5277
Toth, Sherri	Erie FO	Supervisor	814-871-4632
Vonada, Robert	Altoona FO	Workers' Compensation Judge	814-946-7355
Walsh, Kenneth	Williamsport FO	Workers' Compensation Judge	570-327-3735
Wertheimer, Karen	Bristol FO	Workers' Compensation Judge	215-781-3274
Weyl, David	Lancaster FO	Workers' Compensation Judge	717-299-7591
Williams, Deborah	Philadelphia FO	Supervisor	215-560-2488
Wright, Jean	Erie FO	Workers' Compensation Judge	814-871-4632
Yanity, Gerald	Greensburg FO	Workers' Compensation Judge	724-832-5310
Young, Erin	Philadelphia FO	Workers' Compensation Judge	215-560-2488
Zeremenko, Kathleen	Washington FO	Supervisor, Uniontown and Washington Offices	724-223-4595

Legend

FO - Field Office

HQ - Headquarters

Scope

The information provided in this publication is based on reports of injuries and illnesses, which occurred during 2017 to workers employed by businesses covered by the Pennsylvania Workers' Compensation Act. These reports are filed with the Bureau of Workers' Compensation, Department of Labor & Industry. This publication reflects data reported to the bureau as of January 7, 2018.

Pursuant to the provisions of the act, all work injuries and illnesses resulting in death, permanent impairment or loss of time beyond a day or shift of occurrence are required to be reported to the bureau.

Federal employees, maritime workers and railroad workers in interstate commerce are covered under their respective federal workers' compensation programs. Injuries and illnesses of these workers are not included in the statistics of this publication.

In 2015, injuries in the logging industry were re-categorized in all industry tables. Rather than compiling logging injuries as part of natural resources & mining, they are now included with forestry within the Agriculture, Forestry, Fishing & Hunting sector. This change also resulted in the renaming of the Natural Resources & Mining sector to Mining.

Work Injuries and Illnesses

During 2017, 174,216 work injury and illness cases were reported to the Bureau of Workers' Compensation. This year's total is 15,046 more than the number reported in 2016.

Fatalities increased from 77 in 2016 to 82 in 2017. The most fatalities occurred in Trade, Transportation & Utilities (25) followed by Construction (17).

More than half (96,534 cases) of the 174,216 injury and illness cases reported in 2017 occurred in two supersectors: Education & Health Services (51,489 cases, 29.6 percent) and Trade, Transportation & Utilities (45,045 cases, 25.9 percent).

The injury rate per 1,000 workers increased from 26.9 in 2016 to 29.3 in 2017. Agriculture, Forestry, Fishing, and Hunting had the highest increase at 5.8 injuries per thousand, followed by Manufacturing (4.4 per thousand), Mining (4.3), and Education and Health Services (3.9).

Agriculture, Forestry, Fishing & Hunting: 1,157 Injuries

- Most frequent type of injury:
Sprain, Strain: 404 injuries, 34.9 percent
- Body part affected most often:
Upper Extremities: 455 injuries, 39.3 percent
- Most frequent cause of injury:
Overexertion: 263 injuries, 22.7 percent
- Median age of injured workers: 37.9
- County with the most injured workers: Chester

Mining: 876 Injuries

- Most frequent type of injury:
Sprain, Strain: 352 injuries, 40.2 percent
- Body part affected most often:
Upper Extremities: 324 injuries, 37.0 percent
- Most frequent cause of injury:
Overexertion: 237 injuries, 27.1 percent
- Median age of injured workers: 40.7
- Counties with the most injured workers: Bedford

Construction: 9,901 Injuries

- Most frequent type of injury:
Sprain, Strain: 3,539 injuries, 35.7 percent
- Body part affected most often:
Upper Extremities: 3,598 injuries, 36.3 percent
- Most frequent cause of injury:
Overexertion: 2,334 injuries, 23.6 percent
- Median age of injured workers: 41
- County with the most injured workers: Philadelphia

Manufacturing: 22,349 Injuries

- Most frequent type of injury:
Sprain, Strain: 8,533 injuries, 38.2 percent
- Body part affected most often:
Upper Extremities: 10,611 injuries, 47.5 percent
- Most frequent cause of injury:
Overexertion: 6,851 injuries, 30.7 percent
- Median age of injured workers: 45.1
- County with the most injured workers: Berks

Trade, Transportation & Utilities: 45,045 Injuries

- Most frequent type of injury:
Sprain, Strain: 18,660 injuries, 41.4 percent
- Body part affected most often:
Upper Extremities: 16,251 injuries, 36.1 percent
- Most frequent cause of injury:
Overexertion: 13,944 injuries, 31.0 percent
- Median age of injured workers: 42.0
- County with the most injured workers: Allegheny

Information: 1,485 Injuries

- Most frequent type of injury:
Sprain, Strain: 626 injuries, 42.2 percent
- Body part affected most often:
Upper Extremities: 436 injuries, 29.4 percent
- Most frequent cause of injury:
Overexertion: 383 injuries, 25.8 percent
- Median age of injured workers: 43.9
- County with the most injured workers: Allegheny

Financial Activities: 3,441 Injuries

- Most frequent type of injury:
Sprain, Strain: 1,171 injuries, 34.0 percent
- Body part affected most often:
Upper Extremities: 1,089 injuries, 31.6 percent
- Most frequent cause of injury:
Overexertion: 685 injuries, 19.9 percent
- Median age of injured workers: 46.8
- County with the most injured workers: Allegheny

Professional & Business Services: 11,950 Injuries

- Most frequent type of injury:
Sprain, Strain: 4,231 injuries, 35.4 percent
- Body part affected most often:
Upper Extremities: 4,525 injuries, 37.9 percent
- Most frequent cause of injury:
Overexertion: 2,755 injuries, 23.1 percent
- Median age of injured workers: 38.2
- County with the most injured workers: Allegheny

Education & Health Services: 51,489 Injuries

- Most frequent type of injury:
Sprain, Strain: 19,851 injuries, 38.6 percent
- Body part affected most often:
Upper Extremities: 18,395 injuries, 35.7 percent
- Most frequent cause of injury:
Struck by: 13,028 injuries, 25.3 percent
- Median age of injured workers: 43.7
- County with the most injured workers: Philadelphia

Leisure & Hospitality: 11,160 Injuries

- Most frequent type of injury:
Sprain, Strain: 3,178 injuries, 28.5 percent
- Body part affected most often:
Upper Extremities: 5,084 injuries, 45.6 percent
- Most frequent cause of injury:
Struck by: 2,551 injuries, 22.9 percent
- Median age of injured workers: 31.8
- County with the most injured workers: Allegheny

Other Services (Except Public Administration): 4,464 Injuries

- Most frequent type of injury:
Sprain, Strain: 1,407 injuries, 31.5 percent
- Body part affected most often:
Upper Extremities: 1,690 injuries, 37.9 percent
- Most frequent cause of injury:
Struck by: 1,027 injuries, 23.0 percent
- Median age of injured workers: 41.3
- County with the most injured workers: Philadelphia

Public Administration: 10,882 Injuries

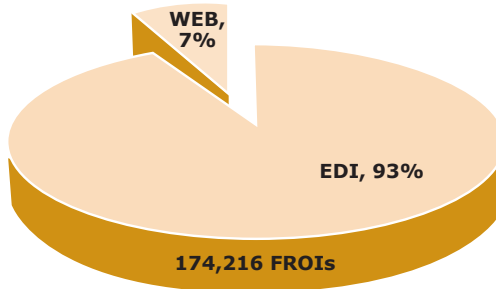
- Most frequent type of injury:
Sprain, Strain: 4,079 injuries, 37.5 percent
- Body part affected most often:
Upper Extremities: 3,576 injuries, 32.9 percent
- Most frequent cause of injury:
Overexertion: 2,345 injuries, 21.5 percent
- Median age of injured workers: 42.2
- County with the most injured workers: Dauphin

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

First Reports of Injury

A total of 174,216 First Reports of Injury (FROI) were received by the bureau for injuries sustained in 2017. Of the reports received, 93 percent were received via EDI and 7 percent were received via the department's website.

Collection Process of First Reports of Injury



Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 1.a. Work Injuries and Illnesses by Major Industry, Pennsylvania 2017

		2017	2016	% Change 2016 to 2017
All Industries	Total	174,216	159,170	9.5%
	Fatal	82	77	*
Agriculture, Forestry, Fishing & Hunting	Total	1,157	1,015	14.0%
	Fatal	0	1	*
Mining	Total	876	747	17.3%
	Fatal	2	1	*
Construction	Total	9,901	9,156	8.1%
	Fatal	17	8	*
Manufacturing	Total	22,349	19,824	12.7%
	Fatal	5	8	*
Trade, Transportation & Utilities	Total	45,045	41,323	9.0%
	Fatal	25	27	*
Information	Total	1,485	1,472	0.9%
	Fatal	0	0	*
Financial Activities	Total	3,441	3,212	7.1%
	Fatal	3	3	*
Professional & Business Services	Total	11,950	11,191	6.8%
	Fatal	8	11	*
Education & Health Services	Total	51,489	44,723	15.1%
	Fatal	10	5	*
Leisure & Hospitality	Total	11,160	10,710	4.2%
	Fatal	1	2	*
Other Services (Except Public Administration)	Total	4,464	4,018	11.1%
	Fatal	3	3	*
Public Administration	Total	10,882	11,720	-7.2%
	Fatal	8	8	*
Unclassified	Total	17	59	-71.2%
	Fatal	0	0	*

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

Table 1.b. Historical Series – Work Injuries and Illnesses, Pennsylvania 2017

Year	Total	Fatal	Non Fatal	Year	Total	Fatal	Non Fatal	Year	Total	Fatal	Non Fatal
1916	255,616	2,670	252,946	1951	102,181	941	101,240	1986	138,168	265	137,903
1917	227,980	3,072	224,908	1952	95,001	819	94,182	1987	139,706	291	139,415
1918	184,844	3,403	181,441	1953	92,635	862	91,773	1988	146,461	267	146,194
1919	152,544	2,569	149,975	1954	79,168	773	78,395	1989	148,445	237	148,208
1920	174,979	2,528	172,451	1955	83,884	723	83,161	1990	158,030	235	157,795
1921	140,197	1,924	138,273	1956	86,839	744	86,095	1991	145,667	183	145,484
1922	146,255	1,890	144,365	1957	82,444	770	81,674	1992	143,268	208	143,060
1923	200,435	2,412	198,023	1958	69,904	639	69,265	1993	136,769	202	136,567
1924	177,539	2,209	175,330	1959	80,039	659	79,380	1994	130,093	206	129,887
1925	176,379	2,009	174,370	1960	78,947	701	78,246	1995	118,313	167	118,146
1926	180,400	2,116	178,284	1961	75,986	672	75,314	1996	102,132	145	101,987
1927	160,743	2,053	158,690	1962	79,549	671	78,878	1997	88,451	137	88,314
1928	152,498	2,065	150,433	1963	80,891	599	80,292	1998	85,783	96	85,687
1929	165,657	2,000	163,657	1964	87,972	673	87,299	1999	82,676	121	82,555
1930	144,669	1,752	142,917	1965	90,138	649	89,489	2000	80,133	114	80,019
1931	111,458	1,482	109,976	1966	94,275	659	93,616	2001	90,405	134	90,271
1932	85,099	1,063	84,036	1967	92,173	666	91,507	2002	95,206	146	95,060
1933	85,642	1,029	84,613	1968	96,512	626	95,886	2003	99,161	140	99,021
1934	93,024	1,122	91,902	1969	98,879	672	98,207	2004	93,566	130	93,436
1935	90,022	1,103	88,919	1970	99,182	630	98,552	2005	102,259	122	102,137
1936	108,036	1,133	106,903	1971	94,000	583	93,417	2006	110,657	133	110,524
1937	131,147	1,246	129,901	1972	114,221	564	113,657	2007	115,845	148	115,697
1938	99,024	1,100	97,924	1973	134,866	495	134,371	2008	104,275	154	104,121
1939	103,607	1,204	102,403	1974	133,450	405	133,045	2009	88,973	100	88,873
1940	109,475	1,278	108,197	1975	128,010	390	127,620	2010	85,560	111	85,449
1941	130,403	1,338	129,065	1976	141,729	397	141,332	2011	83,144	110	83,034
1942	139,565	1,554	138,011	1977	152,646	407	152,239	2012	85,117	101	85,016
1943	135,491	1,423	134,068	1978	157,849	367	157,482	2013*	110,300	72	110,228
1944	128,934	1,316	127,618	1979	169,768	406	169,362	2014*	177,316	75	177,241
1945	118,682	1,197	117,485	1980	147,466	364	147,102	2015*	166,102	65	166,037
1946	117,356	1,136	116,220	1981	141,266	272	140,994	2016*	159,170	77	159,093
1947	124,883	1,193	123,690	1982	128,031	262	127,769	2017*	174,216	82	174,134
1948	117,742	1,084	116,658	1983	121,880	276	121,604				
1949	94,514	891	93,623	1984	135,972	278	135,694				
1950	96,372	909	95,463	1985	135,258	277	134,981				

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

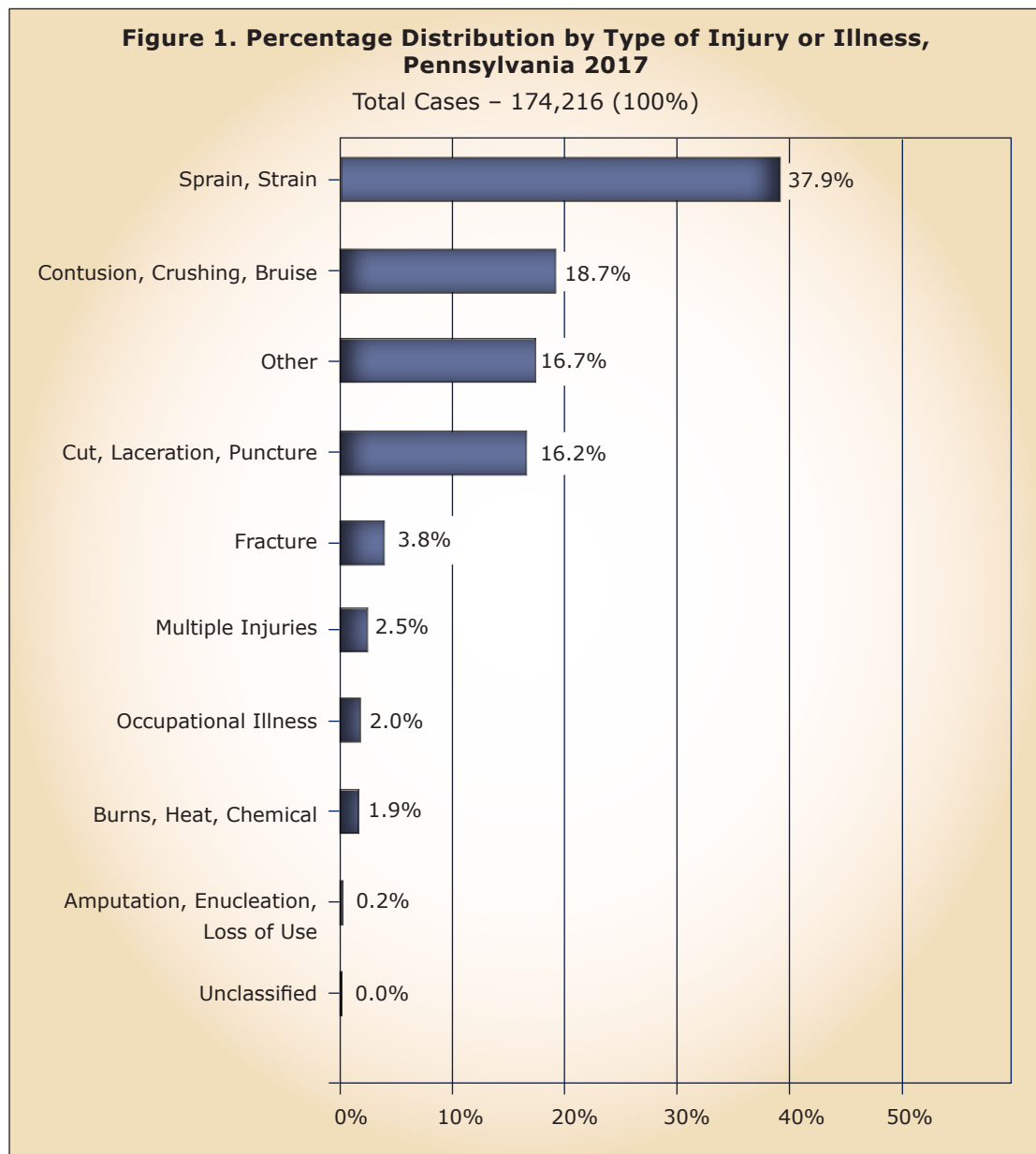
*Not indicative of an increase in actual injuries; count reflects new claims reporting standards that include medical-only claims.

2013 count includes only fourth-quarter medical-only claims. Subsequent year counts include medical-only claims from the whole year.

Type of Injury or Illness

Sprain/strain injuries (66,041 cases) accounted for 37.9 percent of total cases reported in 2017. The next three types of injuries accounted for over half (51.6 percent) of all reported injuries in 2017: Contusions, crushing and bruising injuries (32,609 cases, 18.7 percent); other (29,117 cases, 16.7 percent); and cuts, lacerations, and punctures (28,255, 16.2

percent). Together they accounted for 89,981 of the 174,216 reported injuries in Pennsylvania for 2017. The largest number of sprain/strain cases (22,131 cases, 33.5 percent) affected the trunk. Most of the cuts, lacerations and puncture injuries (20,817, 73.7 percent) occurred to the upper extremities, and the greatest number of contusions, crushes, and bruises (10,470 cases, 32.1 percent) involved the lower extremities. (See Figure 1 and Table 6.)



Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

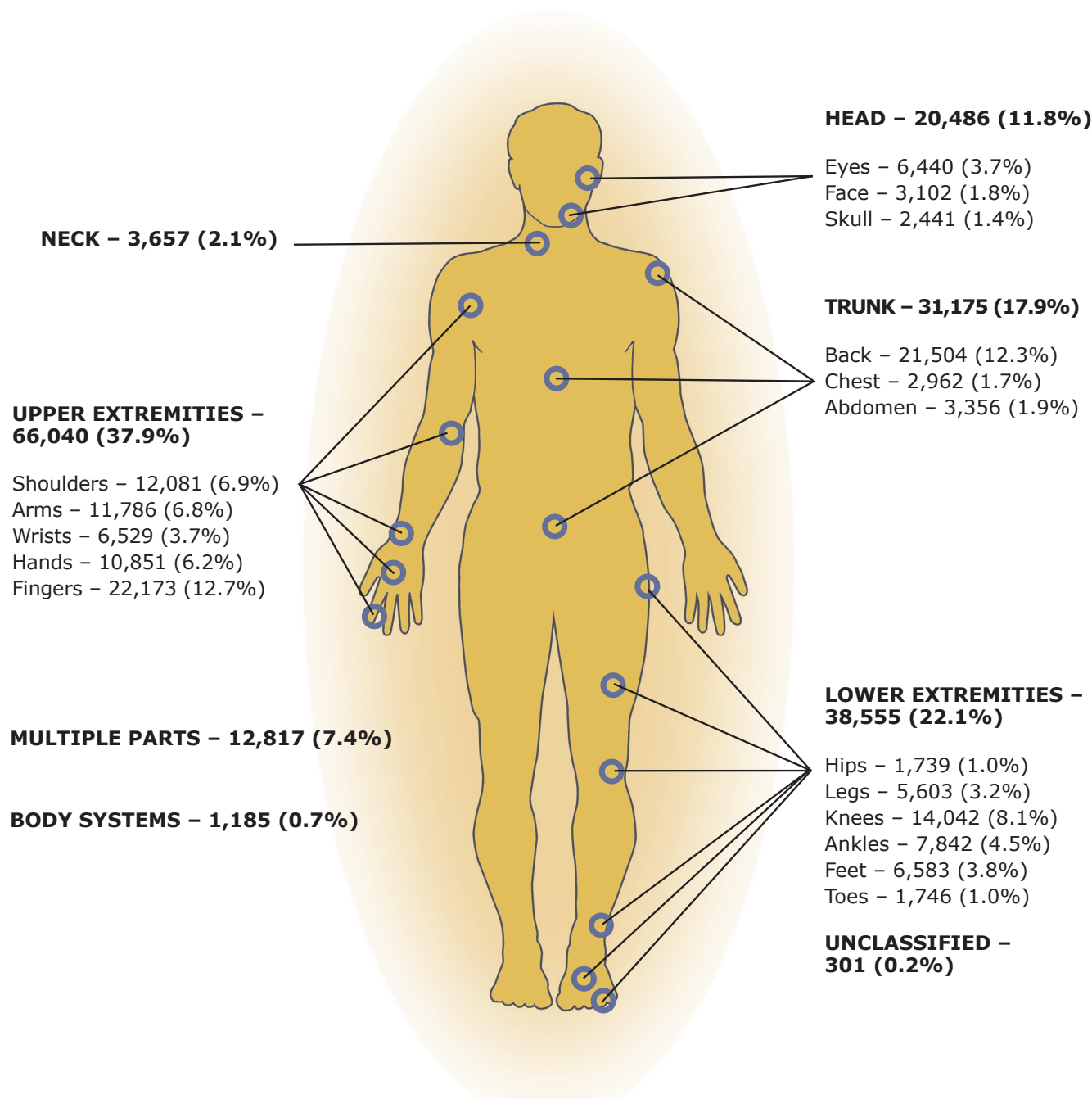
Part of Body Affected

Injuries to the upper extremities (66,040 cases, 37.9 percent) accounted for the most cases reported in 2017 with finger injuries being the most prevalent (22,173 cases, 33.6 percent of injuries to upper extremities, 12.7 percent of all injuries). Injuries to the lower extremities (38,555 cases, 22.1 percent) were more prevalent than those injuries involving the trunk (31,175 cases, 17.9 percent). The majority of trunk injuries

affected the back (21,504 cases, 70.0 percent of trunk injuries, 12.3 percent of all injuries) and were the result of sprains and strains (22,728 cases, 71.0 percent). Injuries involving the upper extremities were predominantly sprains and strains (20,996 cases, 31.8 percent) and cuts and lacerations (20,817 cases, 31.5 percent). Sprains and strains were the most frequent type of injury to the lower extremities (17,468 cases, 45.3 percent), and the neck (2,477 cases, 70.1 percent). (See Figure 2 and Table 6 for more details.)

Figure 2. Percentage Distribution by Part of Body Affected, Pennsylvania 2017

Total Cases – 174,216 (100%)



Note: Sub-categories indicate the most common injuries in each category. Not a complete listing.
Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

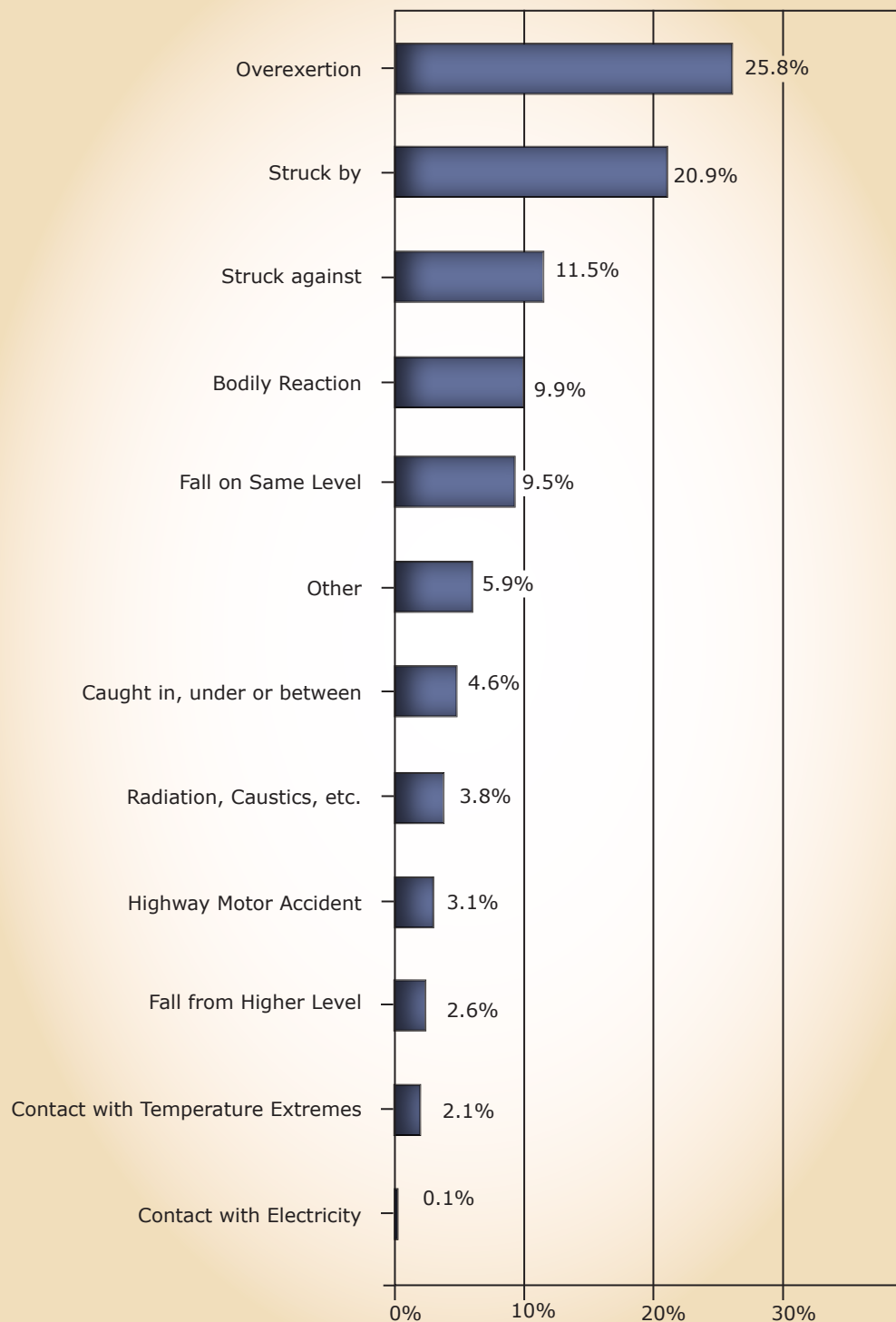
Cause of Injury

Overexertion (lifting, pulling, pushing, etc.) was the leading cause of injury during 2017. There were 44,995 overexertion injuries, which represented 25.8

percent of all injuries. Being struck by objects (falling, flying, etc.) was the next leading cause of injury, with 36,443 cases reported (20.9 percent), followed by struck against (20,102 cases, 11.5 percent). (See Figure 3 and Table 7.)

Figure 3. Percentage Distribution by Cause of Injury Pennsylvania 2017

Total Cases – 174,216 (100%)



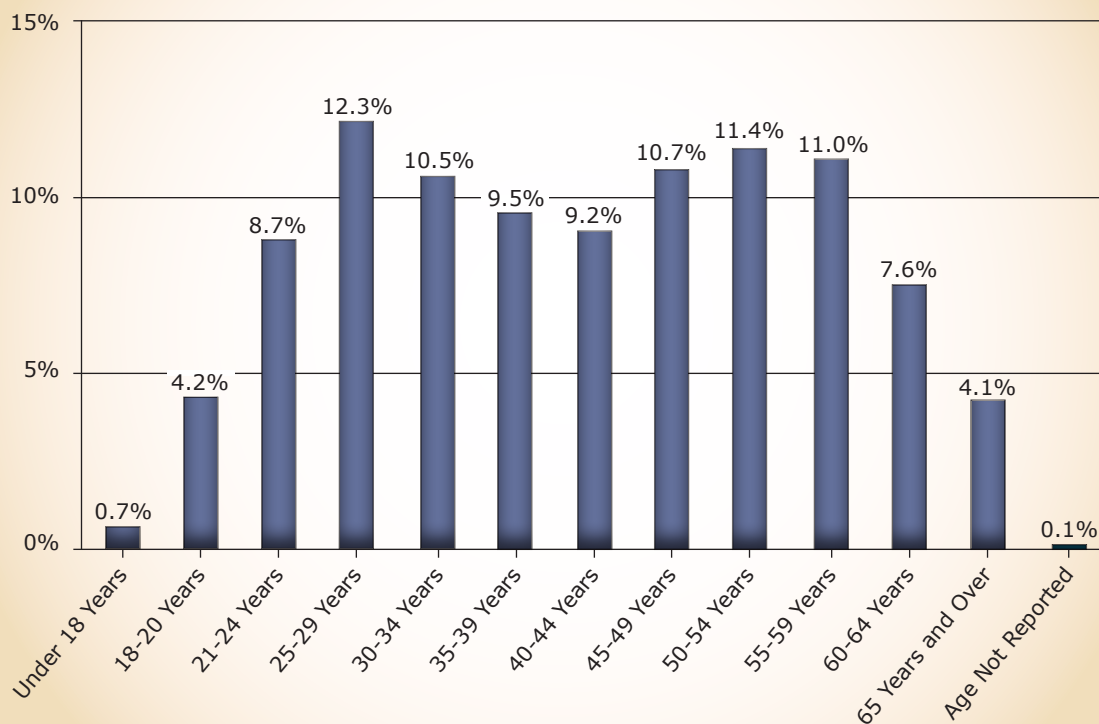
Age of Injured Worker

Workers in the 25-29 age group sustained the greatest number of injuries in 2017. This age group had 21,484 cases, which represented 12.3 percent of the total reported. The median age of all injured

workers in 2017 was 42.2. By industry, the median age of injured workers ranged from 31.8 in Leisure & Hospitality to 46.8 in Financial Activities. The largest number of fatalities (14) was reported in the 60-64 age group. (See Figure 4 and Tables 8 & 9.)

Figure 4. Percentage Distribution by Age Group, Pennsylvania 2017

Total Cases – 174,216 (100%)



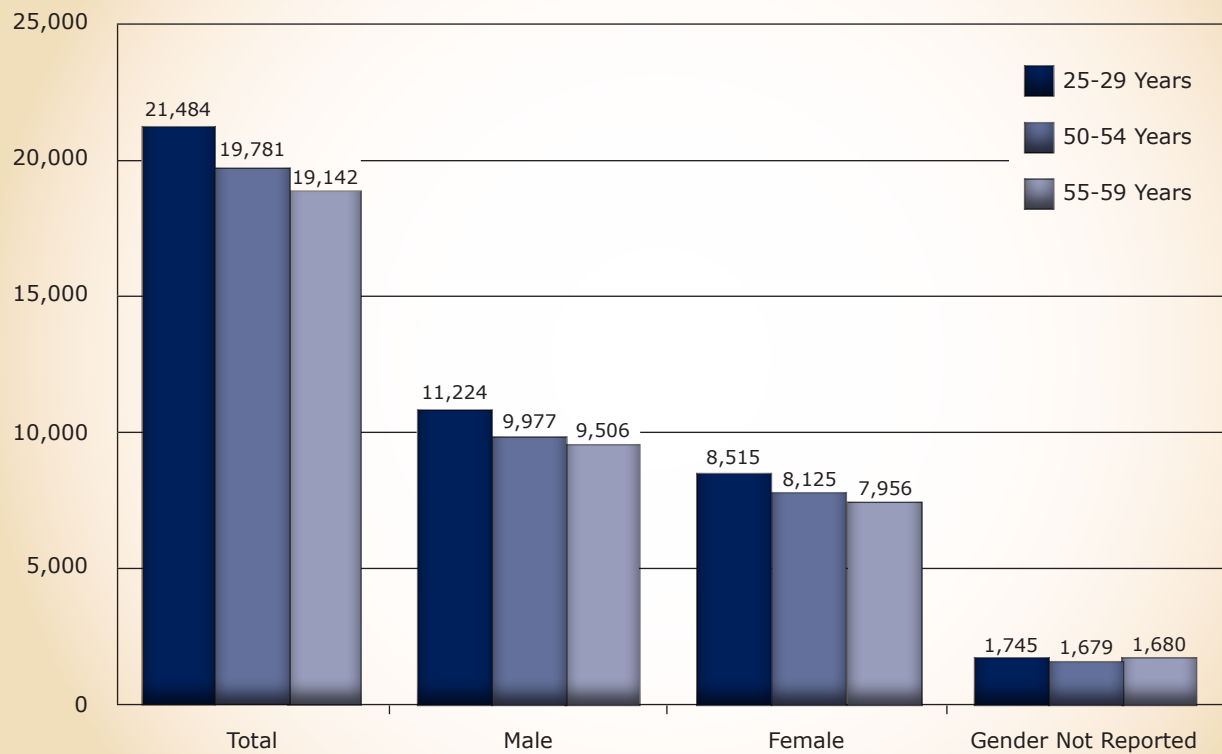
Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Gender of Injured Worker

Of the 174,216 injury and illness cases reported in 2017, 159,826 cases reported the gender of the injured worker. From the cases that reported gender, 56.7 percent of injured workers were male.

Of the 82 fatality cases reported in 2017, 74 were male, 5 were female, and 3 did not disclose the gender. The median age of injured male workers was 41.7, while the median age of injured female workers was 47.5. (See Figure 5 and Table 9.)

Figure 5. Age by Gender, Pennsylvania 2017



Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

Table 2. Injury and Illness Rates in Selected Industries, Pennsylvania 2017*

	Injuries and Illnesses		Rate per 1,000 Workers	
	2017	2016	2017	2016
Total	174,216	159,170	29.3	26.9
Agriculture, Forestry, Fishing & Hunting	1,157	1,015	47.1	41.3
Mining	876	747	35.1	30.7
Coal mining	330	278	66.0	58.5
Construction	9,901	9,156	39.0	37.0
Construction of buildings	1,855	1,775	32.4	31.4
Heavy & civil engineering construction	2,624	2,237	57.7	53.0
Specialty trade contractors	5,422	5,144	35.9	34.6
Manufacturing	22,349	19,824	39.8	35.4
Food manufacturing	4,141	3,569	58.2	50.9
Wood product manufacturing	1,179	885	53.3	39.9
Printing & related support activities	500	411	21.1	17.3
Chemical manufacturing	809	757	20.0	18.9
Pharmaceutical & medicine manufacturing	175	142	9.7	7.9
Plastics & rubber products manufacturing	1,508	1,281	38.0	33.2
Non-metallic mineral product manufacturing	1,061	983	50.6	46.9
Primary metal manufacturing	2,157	1,894	61.8	53.5
Iron & steel mills & ferroalloy mfg.	592	518	51.9	44.8
Fabricated metal product manufacturing	3,437	3,181	43.0	40.0
Machinery manufacturing	1,341	1,191	31.0	27.2
Computer & electronic product manufacturing	522	451	17.5	15.1
Electrical equipment & appliance mfg.	993	746	38.0	28.6
Transportation equipment manufacturing	1,804	1,745	49.3	47.4
Furniture & related product manufacturing	662	512	40.5	31.7
Miscellaneous manufacturing	632	621	24.8	24.5
Trade, Transportation & Utilities	45,045	41,323	37.8	34.7
Trade	29,747	27,083	34.9	31.6
Merchant wholesalers, durable goods	2,982	2,699	28.2	25.3
Merchant wholesalers, non-durable goods	2,595	2,438	41.9	39.2
Electronic markets, agents & brokers	520	520	10.1	10.3
Motor vehicle & parts dealers	2,174	2,044	27.1	25.5
Furniture & home furnishings stores	649	570	40.2	35.8
Electronics & appliance stores	251	263	15.6	16.1
Building material & garden supply stores	5,513	4,644	120.7	101.2
Food & beverage stores	5,933	4,999	41.3	34.6
Health & personal care stores	853	741	19.1	16.6
Gasoline stations	1,542	1,435	38.3	35.8
Clothing & clothing accessories stores	648	534	14.0	11.5
Sporting goods, hobby, book & music stores	339	303	14.6	12.6
General merchandise stores	3,889	4,238	33.9	36.0
Miscellaneous store retailers	1,045	951	30.8	27.7
Non-store retailers	814	704	29.2	25.0

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

	Injuries and Illnesses		Rate per 1,000 Workers	
	2017	2016	2017	2016
Transportation & Warehousing	14,142	13,145	46.3	43.9
Air transportation	1,088	986	85.3	76.6
Truck transportation	3,446	3,104	53.2	48.1
Transit & ground passenger transportation	1,998	1,811	39.2	35.6
Couriers & messengers	2,554	1,974	88.5	71.6
Warehousing & storage	4,247	4,533	50.4	56.6
Utilities	1,155	1,095	33.0	31.1
Information	1,485	1,472	17.0	16.8
Publishing industries, except Internet	283	330	12.4	14.1
Telecommunications	838	739	30.6	27.1
Data processing	41	50	4.1	5.0
Financial Activities	3,441	3,212	10.6	10.0
Finance & insurance	1,854	1,618	7.1	6.3
Credit intermediation & related activities	902	718	9.5	7.6
Securities, commodity contracts & investments	93	114	2.2	2.8
Insurance carriers & related activities	840	773	6.9	6.4
Real estate, rental & leasing	1,587	1,594	25.1	25.3
Real estate	901	873	21.0	20.6
Professional & Business Services	11,950	11,191	14.8	13.9
Professional & technical services	2,877	2,742	8.1	7.7
Management of companies & enterprises	282	269	2.1	2.0
Administrative & waste services	8,791	8,180	27.7	25.9
Administrative & support services	7,620	7,173	25.5	24.1
Education & Health Services	51,489	44,723	32.2	28.3
Educational services	12,762	11,626	23.0	21.0
Health care & social assistance	38,727	33,097	37.0	32.2
Ambulatory health care services	6,238	5,567	19.1	17.4
Hospitals	15,422	13,022	53.7	45.8
Nursing & residential care facilities	12,819	10,930	59.0	50.5
Social assistance	4,248	3,578	19.8	17.5
Leisure & Hospitality	11,160	10,710	19.7	19.1
Arts, entertainment, & recreation	2,481	2,320	25.1	23.8
Amusements, gambling, & recreation	1,524	1,529	21.5	21.8
Accommodation & food services	8,679	8,390	18.5	18.1
Accommodation	1,831	1,677	29.8	27.6
Food services & drinking places	6,848	6,713	16.8	16.7
Other Services	4,464	4,018	16.7	15.2
Repair & maintenance	1,459	1,387	27.9	26.5
Personal & laundry services	1,421	1,246	20.4	18.2
Membership associations & organizations	1,566	1,364	11.1	9.8
Public Administration	10,882	11,720	44.9	48.4
Unclassified	17	59	N/A	N/A

*The 2017 rate per 1,000 workers is estimated using data from October 2016 through September 2017. Complete 2017 data will be available in June 2018.

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

Table 3. Industry by Type of Injury or Illness, Pennsylvania 2017

INDUSTRY	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL DISEASE	OTHER	UNCLASSIFIED
Total	174,216	414	3,320	32,609	28,255	6,596	66,041	4,291	3,563	29,117	10
Agriculture, Forestry, Fishing & Hunting	1,157	2	13	224	172	70	404	42	26	204	0
Crop production	573	2	2	113	84	26	212	15	20	99	0
Animal production	395	0	8	80	52	26	129	14	6	80	0
Forestry & logging	28	0	0	5	8	3	5	3	0	4	0
Fishing, hunting & trapping	2	0	1	0	0	0	1	0	0	0	0
Agriculture & forestry support activities	159	0	2	26	28	15	57	10	0	21	0
Mining	876	9	11	149	124	81	352	29	7	114	0
Oil & gas extraction	39	1	0	4	5	5	18	1	0	5	0
Mining, except oil & gas	560	2	9	110	83	33	242	17	5	59	0
Coal mining	330	2	2	70	41	24	152	12	2	25	0
Metal ore mining	0	0	0	0	0	0	0	0	0	0	0
Non-metallic mineral mining & quarrying	230	0	7	40	42	9	90	5	3	34	0
Support activities for mining	277	6	2	35	36	43	92	11	2	50	0
Construction	9,901	40	144	1,229	1,978	738	3,539	216	91	1,925	1
Construction of buildings	1,855	10	11	172	465	193	596	44	7	357	0
Residential building construction	960	4	3	91	250	100	303	26	1	182	0
Non-residential building construction	895	6	8	81	215	93	293	18	6	175	0
Heavy & civil engineering construction	2,624	14	38	479	362	126	1,035	38	55	477	0
Utility system construction	598	4	10	89	83	59	229	17	6	101	0
Land subdivision	16	0	0	0	2	0	11	0	0	3	0
Highway, street, & bridge construction	1,936	10	26	378	267	66	771	17	44	357	0
Other heavy construction	74	0	2	12	10	1	24	4	5	16	0
Specialty trade contractors	5,422	16	95	578	1,151	419	1,908	134	29	1,091	1
Building foundation & exterior contractors	1,262	4	18	139	257	117	413	34	4	276	0
Building equipment contractors	2,395	4	50	230	507	157	924	55	14	453	1
Building finishing contractors	808	3	5	86	190	62	284	23	2	153	0
Other specialty trade contractors	957	5	22	123	197	83	287	22	9	209	0
Manufacturing	22,349	159	537	3,441	3,913	1,020	8,533	382	378	3,981	5
Food manufacturing	4,141	27	127	780	539	141	1,710	82	50	684	1
Animal food mfg.	143	3	7	10	20	10	64	6	2	21	0
Grain & oilseed milling	40	0	0	4	2	3	28	0	0	3	0
Sugar & confectionery product mfg.	560	3	17	96	76	19	171	16	7	155	0
Fruit & vegetable preserving & specialty mfg.	423	3	15	74	79	23	142	14	3	70	0
Dairy product mfg.	372	3	19	70	41	11	158	9	6	55	0
Animal slaughtering & processing	1,413	5	20	270	175	36	658	25	20	204	0
Seafood product preparation & packaging	2	0	0	0	0	0	1	0	0	1	0
Bakeries & tortilla mfg.	645	8	23	153	95	19	263	7	5	72	0
Other food mfg.	543	2	26	103	51	20	225	5	7	103	1

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL DISEASE	OTHER	UNCLASSIFIED
Beverage & tobacco product mfg.	385	3	9	50	53	17	177	15	1	60	0
Beverage mfg.	364	3	9	48	49	16	167	14	1	57	0
Tobacco mfg.	21	0	0	2	4	1	10	1	0	3	0
Textile mills	123	1	3	22	24	3	45	2	2	21	0
Fiber, yarn, & thread mills	24	0	0	2	6	1	11	1	0	3	0
Fabric mills	55	1	1	14	12	1	19	0	0	7	0
Textile & fabric finishing mills	44	0	2	6	6	1	15	1	2	11	0
Textile product mills	139	1	1	24	30	5	58	2	2	16	0
Textile furnishings mills	81	0	0	13	16	3	40	0	2	7	0
Other textile product mills	58	1	1	11	14	2	18	2	0	9	0
Apparel mfg.	92	0	2	24	15	3	34	1	1	12	0
Apparel knitting mills	11	0	1	3	0	0	7	0	0	0	0
Cut & sew apparel mfg.	70	0	1	19	12	3	24	1	1	9	0
Accessories & other apparel mfg.	11	0	0	2	3	0	3	0	0	3	0
Leather & allied product mfg.	30	0	0	1	12	1	10	0	1	5	0
Leather & hide tanning & finishing	10	0	0	1	5	0	4	0	0	0	0
Footwear mfg.	16	0	0	0	5	1	6	0	1	3	0
Other leather product mfg.	4	0	0	0	2	0	0	0	0	2	0
Wood product mfg.	1,179	11	6	199	262	66	398	19	17	201	0
Sawmills & wood preservation	229	5	1	47	37	20	57	6	1	55	0
Plywood & engineered wood product mfg.	177	2	2	26	41	2	60	1	12	31	0
Other wood product mfg.	773	4	3	126	184	44	281	12	4	115	0
Paper mfg.	709	2	12	100	139	35	287	15	11	108	0
Pulp, paper, & paperboard mills	103	0	3	17	22	3	37	5	2	14	0
Converted paper product mfg.	606	2	9	83	117	32	250	10	9	94	0
Printing & related support activities	500	1	6	89	80	24	208	8	4	80	0
Petroleum & coal products mfg.	125	0	6	20	17	5	48	0	1	28	0
Chemical mfg.	809	5	39	124	95	40	306	10	32	158	0
Basic chemical mfg.	129	0	4	13	10	8	58	2	1	33	0
Resin, rubber, & artificial fibers mfg.	66	0	2	9	6	1	35	1	6	6	0
Agricultural chemical mfg.	26	0	2	6	2	2	10	2	0	2	0
Pharmaceutical & medicine mfg.	175	1	2	28	13	9	76	3	4	39	0
Paint, coating, & adhesive mfg.	62	1	1	9	10	5	20	0	5	11	0
Soap, cleaning compound, & toiletry mfg.	203	1	16	41	30	11	55	1	5	43	0
Other chemical product & preparation mfg.	148	2	12	18	24	4	52	1	11	24	0
Plastics & rubber products mfg.	1,508	13	27	224	316	78	580	18	21	230	1
Plastics product mfg.	1,328	12	23	197	282	69	508	17	16	203	1
Rubber product mfg.	180	1	4	27	34	9	72	1	5	27	0
Non-metallic mineral product mfg.	1,061	5	25	179	179	65	406	18	15	169	0
Clay product & refractory mfg.	179	0	4	39	21	7	78	1	3	26	0
Glass & glass product mfg.	223	0	6	30	61	7	89	1	3	36	0
Cement & concrete product manufacturing	513	3	15	86	80	40	187	13	7	82	0
Lime & gypsum product mfg.	12	0	0	8	0	1	3	0	0	0	0
Other non-metallic mineral products	124	2	0	16	17	10	49	3	2	25	0

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL DISEASE	OTHER	UNCLASSIFIED
Primary metal mfg.	2,157	17	117	340	330	100	787	26	47	393	0
Iron & steel mills & ferroalloy mfg.	592	5	30	97	73	25	246	10	20	86	0
Steel product mfg. from purchase steel	432	4	15	76	82	25	153	3	6	68	0
Alumina & aluminum production	106	2	5	17	15	11	33	0	3	20	0
Other non-ferrous metal production	240	1	13	30	47	8	98	4	2	37	0
Foundries	787	5	54	120	113	31	257	9	16	182	0
Fabricated metal product mfg.	3,437	33	65	495	776	194	1,116	36	47	674	1
Forging & stamping	520	7	13	78	106	23	205	6	5	76	1
Cutlery & hand tool mfg.	227	1	3	33	47	3	87	1	4	48	0
Architectural & structural metals mfg.	957	14	16	149	188	79	290	9	11	201	0
Boiler, tank, & shipping container mfg.	208	2	5	23	53	13	76	1	4	31	0
Hardware mfg.	25	0	1	2	5	1	10	0	0	6	0
Spring & wire product mfg.	188	3	8	35	31	3	72	5	4	27	0
Machine shops & threaded product mfg.	663	3	8	76	197	25	171	7	9	165	0
Coating, engraving, & heat treating metals	229	0	8	35	51	19	71	2	0	43	0
Other fabricated metal product mfg.	420	3	3	64	98	26	134	5	10	77	0
Machinery mfg.	1,341	5	19	173	284	72	444	15	19	309	1
Ag., construction, & mining machinery mfg.	246	0	4	40	51	22	67	3	1	58	0
Industrial machinery mfg.	146	1	1	22	34	5	41	3	2	37	0
Commercial & service industry machinery	68	0	1	8	15	5	21	1	4	13	0
HVAC & commercial refrigeration equipment	145	0	0	16	23	6	71	0	1	27	1
Metal working machinery mfg.	273	2	8	30	70	15	89	4	6	49	0
Turbine & power transmission equipment mfg.	122	0	0	15	17	4	48	2	2	34	0
Other general purpose machinery mfg.	341	2	5	42	74	15	107	2	3	91	0
Computer & electronic product mfg.	522	4	7	50	89	14	208	18	25	106	1
Computer & peripheral equipment mfg.	19	0	0	4	4	1	8	0	0	2	0
Communications equipment mfg.	63	0	2	7	16	3	23	0	1	11	0
Audio & video equipment mfg.	1	0	0	0	0	0	1	0	0	0	0
Semi-conductor & electronic component mfg.	140	1	2	18	20	3	56	5	4	31	0
Electronic instrument manufacturing	288	3	3	20	49	7	112	13	20	60	1
Magnetic media manufacturing & reproducing	11	0	0	1	0	0	8	0	0	2	0
Electrical equipment & appliance mfg.	993	3	23	115	124	52	447	47	14	168	0
Electric lighting equipment mfg.	55	0	1	5	16	4	18	0	0	11	0
Household appliance mfg.	23	0	1	4	5	4	6	2	1	0	0
Electrical equipment mfg.	161	0	1	21	22	6	65	7	4	35	0
Other electrical equipment & component mfg.	754	3	20	85	81	38	358	38	9	122	0
Transportation equipment mfg.	1,804	11	25	286	280	48	752	33	39	330	0
Motor vehicle mfg.	185	1	0	44	19	3	94	0	4	20	0
Motor vehicle body & trailer mfg.	377	5	5	60	66	11	146	3	0	81	0
Motor vehicle parts mfg.	381	2	12	61	56	14	158	1	21	56	0
Aerospace product & parts mfg.	327	1	1	49	72	9	114	2	10	69	0
Railroad rolling stock mfg.	363	1	5	55	48	8	152	19	4	71	0

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	AMPUTATION ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL DISEASE	OTHER	UNCLASSIFIED
Ship & boat building	13	0	0	1	1	0	6	1	0	4	0
Other transportation equipment mfg.	158	1	2	16	18	3	82	7	0	29	0
Furniture & related product mfg.	662	12	4	78	141	29	275	8	14	101	0
Household & institutional furniture mfg.	376	10	2	47	72	19	151	2	12	61	0
Office furniture & fixtures mfg.	214	1	2	27	56	9	84	3	2	30	0
Other furniture related product mfg.	72	1	0	4	13	1	40	3	0	10	0
Miscellaneous mfg.	632	5	14	68	128	28	237	9	15	128	0
Medical equipment & supplies mfg.	266	1	10	28	43	10	109	7	7	51	0
Other miscellaneous mfg.	366	4	4	40	85	18	128	2	8	77	0
Trade, Transportation & Utilities	45,045	72	549	9,022	7,000	1,498	18,660	985	514	6,744	0
Trade	29,747	41	461	6,284	5,606	910	11,171	596	285	4,392	0
Merchant wholesalers, durable goods	2,982	11	36	445	522	157	1,195	79	15	522	0
Merchant wholesalers, non-durable goods	2,595	3	27	468	225	105	1,257	57	25	428	0
Electronic markets & agents & brokers	520	1	10	71	53	20	225	21	5	114	0
Motor vehicle & parts dealers	2,174	6	29	404	422	108	752	64	7	382	0
Furniture & home furnishings stores	649	1	6	126	117	22	296	7	3	71	0
Electronics & appliance stores	251	0	1	20	48	8	96	21	3	54	0
Building material & garden supply stores	5,513	3	24	1,578	1,192	83	1,857	40	79	657	0
Food & beverage stores	5,933	4	163	1,207	1,315	128	2,213	47	33	822	1
Health & personal care stores	853	0	2	170	164	21	275	35	18	168	0
Gasoline stations	1,542	1	102	281	303	36	566	32	27	194	0
Clothing & clothing accessories stores	648	0	4	169	128	16	194	31	10	96	0
Sporting goods, hobby, book & music stores	339	0	5	63	60	11	116	15	3	66	0
General merchandise stores	3,889	5	31	958	702	128	1,432	91	29	513	0
Miscellaneous store retailers	1,045	5	5	215	249	37	308	36	16	174	0
Non-store retailers	814	1	16	109	106	30	389	20	12	131	0
Transportation & Warehousing	14,142	27	69	2,545	1,236	557	7,031	358	206	2,113	0
Air transportation	1,088	6	6	164	65	22	548	25	65	187	0
Water transportation	2	0	0	0	0	0	0	1	0	1	0
Truck transportation	3,446	9	26	542	313	248	1,666	135	23	484	0
Transit & ground passenger transportation	1,998	1	10	484	137	67	897	51	54	297	0
Pipeline transportation	41	0	0	1	11	3	12	0	1	13	0
Scenic & sightseeing transportation	6	0	0	0	1	0	3	0	0	2	0
Support activities for transportation	760	0	9	151	77	36	323	9	15	140	0
Couriers & messengers	2,554	4	5	482	284	68	1,238	34	20	419	0
Warehousing & storage	4,247	7	13	721	348	113	2,344	103	28	570	0
Utilities	1,155	4	19	192	158	31	458	31	23	239	0
Information	1,485	4	18	219	192	54	626	52	26	294	0
Publishing industries, except Internet	283	2	1	56	29	19	111	14	4	47	0
Motion picture & sound recording industries	168	1	14	26	34	8	52	4	2	27	0
Broadcasting, except Internet	76	0	0	9	10	2	32	3	2	18	0
Internet publishing & broadcasting	0	0	0	0	0	0	0	0	0	0	0
Telecommunications	838	0	2	104	103	21	391	26	18	173	0
Data processing	41	1	0	5	9	1	11	3	0	11	0

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL DISEASE	OTHER	UNCLASSIFIED
Other information services	79	0	1	19	7	3	29	2	0	18	0
Financial Activities	3,441	9	26	581	436	185	1,171	206	116	711	0
Finance & insurance	1,854	4	12	351	170	105	540	138	93	441	0
Monetary authorities - central bank	17	0	0	0	4	2	5	1	0	5	0
Credit intermediation & related activities	902	4	6	196	82	44	250	78	47	195	0
Securities, commodity contracts, & investments	93	0	0	12	10	12	34	7	7	11	0
Insurance carriers & related activities	840	0	6	143	74	46	251	52	39	229	0
Funds, trusts, & other financial vehicles	2	0	0	0	0	1	0	0	0	1	0
Real estate & rental & leasing	1,587	5	14	230	266	80	631	68	23	270	0
Real estate	901	2	8	143	167	57	346	20	17	141	0
Rental & leasing services	684	3	6	87	99	23	284	48	6	128	0
Lessors of non-financial intangible assets	2	0	0	0	0	0	1	0	0	1	0
Professional & Business Services	11,950	37	165	1,982	2,220	586	4,231	373	203	2,152	1
Professional & technical services	2,877	5	33	344	893	117	756	105	72	552	0
Management of companies & enterprises	282	1	2	68	29	20	86	12	15	49	0
Administrative & waste services	8,791	31	130	1,570	1,298	449	3,389	256	116	1,551	1
Administrative & support services	7,620	27	119	1,412	1,098	367	2,889	241	105	1,361	1
Waste management & remediation services	1,171	4	11	158	200	82	500	15	11	190	0
Education & Health Services	51,489	39	692	11,470	7,336	1,349	19,851	1,377	1,744	7,629	2
Education services	12,762	23	170	3,585	1,579	489	4,266	466	230	1,953	1
Health care & social assistance	38,727	16	522	7,885	5,757	860	15,585	911	1,514	5,676	1
Ambulatory health care services	6,238	4	49	1,103	1,167	158	2,419	145	225	967	1
Hospitals	15,422	4	215	3,087	2,843	273	5,484	291	1,046	2,179	0
Nursing & residential care facilities	12,819	5	230	2,677	1,355	283	5,935	336	173	1,825	0
Social assistance	4,248	3	28	1,018	392	146	1,747	139	70	705	0
Leisure & Hospitality	11,160	19	949	1,695	2,756	452	3,178	288	109	1,714	0
Arts, entertainment, & recreation	2,481	4	65	379	360	137	970	84	26	456	0
Performing arts & spectator sports	821	0	7	103	54	59	434	25	3	136	0
Museums, historical sites, zoos, & parks	136	0	2	42	19	7	36	1	1	28	0
Amusements, gambling, & recreation	1,524	4	56	234	287	71	500	58	22	292	0
Accommodation & food services	8,679	15	884	1,316	2,396	315	2,208	204	83	1,258	0
Accommodation	1,831	3	64	325	278	81	730	29	33	288	0
Food services & drinking places	6,848	12	820	991	2,118	234	1,478	175	50	970	0
Other Services	4,464	7	66	625	867	237	1,407	114	47	1,094	0
Repair & maintenance	1,459	4	38	170	334	84	445	32	6	346	0
Personal & laundry services	1,421	3	11	168	257	49	438	35	19	441	0
Membership associations & organizations	1,566	0	17	287	273	99	521	47	22	300	0
Private households	18	0	0	0	3	5	3	0	0	7	0

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	AMPUTATION, ENUCLEATION, LOSS OF USE	BURNS: HEAT & CHEMICAL	CONTUSION, CRUSHING, BRUISE	CUT, LACERATION, PUNCTURE	FRACTURE	SPRAIN, STRAIN	MULTIPLE INJURIES	OCCUPATIONAL DISEASE	OTHER	UNCLASSIFIED
Public Administration	10,882	17	150	1,971	1,260	325	4,079	226	302	2,552	0
Executive, legislative & general government	3,357	9	43	605	345	128	1,412	70	100	645	0
Justice, public order, & safety activities	6,230	7	97	1,106	625	174	2,209	136	170	1,706	0
Administration of human resource programs	311	0	1	114	18	3	99	8	2	66	0
Administration of environmental programs	514	0	5	63	198	11	131	7	14	85	0
Community & housing program administration	276	1	2	50	44	4	144	3	7	21	0
Administration of economic programs	193	0	2	33	29	5	84	2	9	29	0
Space research & technology	0	0	0	0	0	0	0	0	0	0	0
National security & international affairs	1	0	0	0	1	0	0	0	0	0	0
Unclassified	17	0	0	1	1	1	10	1	0	3	0

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 4. Industry by Part of Body Affected, Pennsylvania 2017

INDUSTRY	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE PARTS	BODY SYSTEMS	UNCLASSIFIED
Total	174,216	20,486	3,657	66,040	31,175	38,555	12,817	1,185	301
Agriculture, Forestry, Fishing & Hunting	1,157	133	10	455	230	255	67	5	2
Crop production	573	73	4	215	128	123	28	1	1
Animal production	395	41	4	180	65	81	20	3	1
Forestry & logging	28	1	0	9	3	8	7	0	0
Fishing, hunting & trapping	2	1	0	0	1	0	0	0	0
Agriculture & forestry support activities	159	17	2	51	33	43	12	1	0
Mining	876	90	19	324	170	232	37	3	1
Oil & gas extraction	39	3	1	11	9	11	4	0	0
Mining, except oil & gas	560	59	14	201	111	151	22	1	1
Coal mining	330	27	9	112	71	93	16	1	1
Metal ore mining	0	0	0	0	0	0	0	0	0
Non-metallic mineral mining & quarrying	230	32	5	89	40	58	6	0	0
Support activities for mining	277	28	4	112	50	70	11	2	0
Construction	9,901	1,260	215	3,598	1,869	2,322	571	45	21
Construction of buildings	1,855	242	28	697	300	431	122	4	1
Residential building construction	960	121	14	361	167	228	68	0	1
Non-residential building construction	895	121	14	336	163	203	54	4	0
Heavy & civil engineering construction	2,624	332	64	864	531	655	151	19	8
Utility system construction	598	74	16	181	116	160	41	8	2
Land subdivision	16	2	0	4	6	3	1	0	0

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE PARTS	BODY SYSTEMS	UNCLASSIFIED
Highway, street, & bridge construction	1,936	244	46	655	395	476	103	11	6
Other heavy construction	74	12	2	24	14	16	6	0	0
Specialty trade contractors	5,422	686	123	2,037	1,008	1,236	298	22	12
Building foundation & exterior contractors	1,262	154	22	469	232	302	73	10	0
Building equipment contractors	2,395	327	64	908	446	512	126	5	7
Building finishing contractors	808	88	21	314	140	190	50	2	3
Other specialty trade contractors	957	117	16	346	190	232	49	5	2
Manufacturing	22,349	2,566	349	10,611	3,771	4,037	896	87	32
Food manufacturing	4,141	352	61	1,975	722	794	210	16	11
Animal food manufacturing	143	12	1	58	30	37	5	0	0
Grain & oilseed milling	40	1	0	23	8	8	0	0	0
Sugar & confectionery product manufacturing	560	62	7	257	101	91	36	6	0
Fruit & vegetable preserving & specialty mfg.	423	48	5	186	61	95	26	2	0
Dairy product manufacturing	372	36	8	151	83	72	20	0	2
Animal slaughtering & processing	1,413	91	20	752	241	236	66	4	3
Seafood product preparation & packaging	2	1	0	1	0	0	0	0	0
Bakeries & tortilla manufacturing	645	51	9	313	108	133	30	1	0
Other food manufacturing	543	50	11	234	90	122	27	3	6
Beverage & tobacco product manufacturing	385	21	3	140	92	97	29	3	0
Beverage manufacturing	364	20	3	129	91	91	27	3	0
Tobacco manufacturing	21	1	0	11	1	6	2	0	0
Textile mills	123	12	5	58	19	19	8	0	2
Fiber, yarn, & thread mills	24	3	3	7	4	3	2	0	2
Fabric mills	55	6	1	28	6	12	2	0	0
Textile & fabric finishing mills	44	3	1	23	9	4	4	0	0
Textile product mills	139	10	1	86	18	20	3	1	0
Textile furnishings mills	81	6	0	53	10	10	2	0	0
Other textile product mills	58	4	1	33	8	10	1	1	0
Apparel manufacturing	92	7	4	44	10	21	6	0	0
Apparel knitting mills	11	0	0	3	1	4	3	0	0
Cut & sew apparel manufacturing	70	5	4	37	7	15	2	0	0
Accessories & other apparel manufacturing	11	2	0	4	2	2	1	0	0
Leather & allied product manufacturing	30	4	0	19	4	3	0	0	0
Leather & hide tanning & finishing	10	0	0	7	2	1	0	0	0
Footwear manufacturing	16	2	0	11	2	1	0	0	0
Other leather product manufacturing	4	2	0	1	0	1	0	0	0
Wood product manufacturing	1,179	102	18	580	195	222	59	1	2
Sawmills & wood preservation	229	28	1	117	33	41	9	0	0
Plywood & engineered wood product mfg.	177	13	3	78	32	29	21	0	1
Other wood product manufacturing	773	61	14	385	130	152	29	1	1

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE PARTS	BODY SYSTEMS	UNCLASSIFIED
Paper manufacturing	709	75	9	327	128	141	25	2	2
Pulp, paper, & paperboard mills	103	11	1	46	16	23	6	0	0
Converted paper product manufacturing	606	64	8	281	112	118	19	2	2
Printing & related support activities	500	31	13	255	95	85	18	2	1
Petroleum & coal products manufacturing	125	23	2	43	18	24	14	1	0
Chemical manufacturing	809	95	12	303	148	183	59	8	1
Basic chemical manufacturing	129	14	1	38	29	34	13	0	0
Resin, rubber, & artificial fibers mfg.	66	3	0	20	14	16	12	1	0
Agricultural chemical manufacturing	26	5	0	8	5	6	2	0	0
Pharmaceutical & medicine manufacturing	175	16	6	74	34	41	4	0	0
Paint, coating, & adhesive manufacturing	62	5	0	32	9	11	4	1	0
Soap, cleaning compound, & toiletry mfg.	203	31	0	80	26	48	17	1	0
Other chemical product & preparation mfg.	148	21	5	51	31	27	7	5	1
Plastics & rubber products manufacturing	1,508	148	31	759	275	249	42	1	3
Plastics product manufacturing	1,328	132	25	677	239	212	40	0	3
Rubber product manufacturing	180	16	6	82	36	37	2	1	0
Non-metallic mineral product manufacturing	1,061	115	19	460	187	245	33	1	1
Clay product & refractory manufacturing	179	21	4	82	34	33	5	0	0
Glass & glass product manufacturing	233	12	3	119	38	57	4	0	0
Cement & concrete product manufacturing	513	68	10	197	90	125	21	1	1
Lime & gypsum product manufacturing	12	1	0	8	1	1	1	0	0
Other non-metallic mineral products	124	13	2	54	24	29	2	0	0
Primary metal manufacturing	2,157	308	38	965	367	390	78	10	1
Iron & steel mills & ferroalloy mfg.	592	74	12	262	91	121	28	4	0
Steel product mfg. from purchased steel	432	58	6	196	87	76	5	3	1
Alumina & aluminum production	106	11	3	45	15	27	5	0	0
Other non-ferrous metal production	240	32	6	110	42	40	9	1	0
Foundries	787	133	11	352	132	126	31	2	0
Fabricated metal product manufacturing	3,437	538	42	1,676	518	565	86	9	3
Forging & stamping	520	61	9	256	73	107	11	2	1
Cutlery & hand tool manufacturing	227	29	3	134	30	25	4	2	0
Architectural & structural metals mfg.	957	164	8	431	149	187	15	2	1
Boiler, tank, & shipping container mfg.	208	35	1	97	38	34	3	0	0
Hardware manufacturing	25	5	1	13	3	2	1	0	0
Spring & wire product manufacturing	188	21	2	94	39	25	6	1	0
Machine shops & threaded product mfg.	663	132	7	348	79	74	21	1	1
Coating, engraving, & heat-treating metals	229	35	6	101	32	48	6	1	0
Other fabricated metal product manufacturing	420	56	5	202	75	63	19	0	0
Machinery manufacturing	1,341	214	20	625	218	218	42	2	2
Ag., construction, & mining machinery mfg.	246	46	1	103	36	51	8	1	0
Industrial machinery manufacturing	146	30	2	73	19	18	4	0	0
Commercial & service industry machinery	68	7	1	35	7	14	3	1	0

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE PARTS	BODY SYSTEMS	UNCLASSIFIED
HVAC & commercial refrigeration equipment	145	15	3	63	30	34	0	0	0
Metal working machinery manufacturing	273	27	6	149	45	31	13	0	2
Turbine & power transmission equipment mfg.	122	23	4	44	24	20	7	0	0
Other general purpose machinery mfg.	341	66	3	158	57	50	7	0	0
Computer & electronic product manufacturing	522	46	6	272	80	80	33	4	1
Computer & peripheral equipment mfg.	19	0	0	14	3	2	0	0	0
Communications equipment manufacturing	63	11	1	33	4	12	2	0	0
Audio & video equipment manufacturing	1	0	0	0	1	0	0	0	0
Semi-conductor & electronic component mfg.	140	12	1	75	21	22	8	0	1
Electronic instrument manufacturing	288	20	4	148	46	43	23	4	0
Magnetic media manufacturing & reproducing	11	3	0	2	5	1	0	0	0
Electrical equipment & appliance mfg.	993	94	21	490	160	169	54	5	0
Electric lighting equipment manufacturing	55	7	0	28	5	14	1	0	0
Household appliance manufacturing	23	0	0	13	4	6	0	0	0
Electrical equipment manufacturing	161	27	7	67	25	30	4	1	0
Other electrical equipment & component mfg.	754	60	14	382	126	119	49	4	0
Transportation equipment manufacturing	1,804	238	23	855	290	321	56	20	1
Motor vehicle manufacturing	185	17	5	92	28	39	3	0	1
Motor vehicle body & trailer manufacturing	377	62	8	164	70	69	4	0	0
Motor vehicle parts manufacturing	381	50	2	196	67	52	9	5	0
Aerospace product & parts manufacturing	327	41	6	144	36	76	11	13	0
Railroad rolling stock manufacturing	363	50	1	173	65	56	16	2	0
Ship & boat building	13	1	0	4	5	2	1	0	0
Other transportation equipment mfg.	158	17	1	82	19	27	12	0	0
Furniture & related product manufacturing	662	54	8	356	126	102	16	0	0
Household & institutional furniture mfg.	376	33	6	190	71	64	12	0	0
Office furniture & fixtures manufacturing	214	16	1	118	38	38	3	0	0
Other furniture related product manufacturing	72	5	1	48	17	0	1	0	0
Miscellaneous manufacturing	632	79	13	323	101	89	25	1	1
Medical equipment & supplies manufacturing	266	33	6	137	39	38	12	0	1
Other miscellaneous manufacturing	366	46	7	186	62	51	13	1	0
Trade, Transportation & Utilities	45,045	5,091	888	16,251	9,070	10,862	2,696	128	59
Trade	29,747	3,549	504	11,458	5,547	6,908	1,678	78	25
Merchant wholesalers, durable goods	2,982	374	69	1,119	600	635	171	6	8
Merchant wholesalers, non-durable goods	2,595	213	50	803	675	625	221	7	1
Electronic markets & agents & brokers	520	63	30	166	96	106	57	2	0
Motor vehicle & parts dealers	2,174	378	56	800	371	421	144	3	1
Furniture & home furnishings stores	649	76	7	261	114	160	31	0	0
Electronics & appliance stores	251	38	8	69	49	53	30	4	0
Building material & garden supply stores	5,513	724	67	2,088	1,038	1,433	155	8	0
Food & beverage stores	5,933	560	79	2,652	1,105	1,261	259	12	5
Health & personal care stores	853	107	13	299	144	196	86	5	3

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE PARTS	BODY SYSTEMS	UNCLASSIFIED
Gasoline stations	1,542	146	22	664	234	358	117	1	0
Clothing & clothing accessories stores	648	105	13	184	95	190	51	5	5
Sporting goods, hobby, book, & music stores	339	54	4	130	53	73	19	6	0
General merchandise stores	3,889	499	53	1,481	655	983	203	14	1
Miscellaneous store retailers	1,045	150	17	439	160	205	72	2	0
Non-store retailers	814	62	16	303	158	209	62	3	1
Transportation & Warehousing	14,142	1,390	350	4,423	3,272	3,690	943	42	32
Air transportation	1,088	130	22	340	262	293	32	8	1
Water transportation	2	0	0	0	0	1	1	0	0
Truck transportation	3,446	316	74	1,081	734	906	308	12	15
Transit & ground passenger transportation	1,998	239	106	535	420	476	208	5	9
Pipeline transportation	41	8	2	13	8	8	2	0	0
Scenic & sightseeing transportation	6	1	0	3	0	2	0	0	0
Support activities for transportation	760	92	15	242	145	202	61	2	1
Couriers & messengers	2,554	245	50	778	600	766	113	2	0
Warehousing & storage	4,247	359	81	1,431	1,103	1,036	218	13	6
Utilities	1,155	152	34	369	251	264	75	8	2
Information	1,485	163	40	436	277	415	145	8	1
Publishing industries, except Internet	283	30	8	85	49	73	37	1	0
Motion picture & sound recording industries	168	33	0	60	26	37	11	1	0
Broadcasting, except Internet	76	8	5	23	11	20	7	1	1
Internet publishing & broadcasting	0	0	0	0	0	0	0	0	0
Telecommunications	838	86	24	229	167	253	74	5	0
Data processing	41	4	1	12	7	11	6	0	0
Other information services	79	2	2	27	17	21	10	0	0
Financial Activities	3,441	338	81	1,089	522	867	482	49	13
Finance & insurance	1,854	191	47	534	197	488	344	44	9
Monetary authorities - central bank	17	6	0	6	0	4	1	0	0
Credit intermediation & related activities	902	104	22	238	99	234	170	29	6
Securities, commodity contracts, & investments	93	11	4	24	8	36	10	0	0
Insurance carriers & related activities	840	69	21	265	90	214	163	15	3
Funds, trusts, & other financial vehicles	2	1	0	1	0	0	0	0	0
Real estate & rental & leasing	1,587	147	34	555	325	379	138	5	4
Real estate	901	84	16	337	181	212	66	4	1
Rental & leasing services	684	63	18	216	144	167	72	1	3
Lessors of non-financial intangible assets	2	0	0	2	0	0	0	0	0
Professional & Business Services	11,950	1,352	229	4,525	2,026	2,658	1,028	94	38
Professional & technical services	2,877	362	54	1,367	326	478	223	41	26
Management of companies & enterprises	282	43	7	82	42	72	31	5	0
Administrative & waste services	8,791	947	168	3,076	1,658	2,108	774	48	12
Administrative & support services	7,620	828	150	2,670	1,437	1,774	712	41	8
Waste management & remediation services	1,171	119	18	406	221	334	62	7	4

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE PARTS	UNCLASSIFIED	OTHER
Education & Health Services	51,489	6,479	1,356	18,395	9,630	10,691	4,463	414	61
Education services	12,762	1,880	286	4,308	1,896	3,421	930	34	7
Health care & social assistance	38,727	4,599	1,070	14,087	7,734	7,270	3,533	380	54
Ambulatory health care services	6,238	626	193	2,231	1,296	1,162	633	81	16
Hospitals	15,422	2,028	359	6,312	2,628	2,486	1,363	238	8
Nursing & residential care facilities	12,819	1,462	360	4,416	2,928	2,565	1,032	44	12
Social assistance	4,248	483	158	1,128	882	1,057	505	17	18
Leisure & Hospitality	11,160	1,174	129	5,084	1,344	2,554	778	77	20
Arts, entertainment, & recreation	2,481	299	35	801	297	844	181	20	4
Performing arts & spectator sports	821	78	11	219	103	363	43	4	0
Museums, historical sites, zoos & parks	136	26	5	44	19	36	5	0	1
Amusements, gambling, & recreation	1,524	195	19	538	175	445	133	16	3
Accommodation & food services	8,679	875	94	4,283	1,047	1,710	597	57	16
Accommodation	1,831	175	26	684	330	477	119	13	7
Food services & drinking places	6,848	700	68	3,599	717	1,233	478	44	9
Other Services	4,464	569	76	1,690	576	965	559	23	6
Repair & maintenance	1,459	265	35	637	198	229	86	8	1
Personal & laundry services	1,421	116	23	524	169	259	323	5	2
Membership associations & organizations	1,566	184	17	524	209	470	150	9	3
Private households	18	4	1	5	0	7	0	1	0
Public Administration	10,882	1,269	265	3,576	1,685	2,695	1,093	252	47
Executive, legislative & general government	3,357	360	93	1,093	583	858	341	19	10
Justice, public order, & safety activities	6,230	763	136	2,067	847	1,485	667	231	34
Administration of human resource programs	311	35	11	115	49	77	23	1	0
Administration of environmental programs	514	71	13	144	115	139	28	1	3
Community & housing program administration	276	22	6	95	60	76	17	0	0
Administration of economic programs	193	17	6	62	31	60	17	0	0
Space research & technology	0	0	0	0	0	0	0	0	0
National security & international affairs	1	1	0	0	0	0	0	0	0
Unclassified	17	2	0	6	5	2	2	0	0

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 5. Industry by Cause of Injury, Pennsylvania 2017

INDUSTRY	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRICITY	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	UNCLASSIFIED
Total	174,216	20,102	36,443	4,584	16,497	8,093	17,199	44,995	248	3,729	6,691	5,385	10,250
Agriculture, Forestry, Fishing & Hunting	1,157	139	236	62	88	85	146	263	1	12	57	19	49
Crop production	573	64	86	41	39	41	90	132	0	1	34	8	37
Animal production	395	41	102	14	36	38	30	91	1	9	17	8	8
Forestry & logging	28	4	14	1	0	2	1	4	0	0	1	0	1
Fishing, hunting & trapping	2	0	0	0	0	0	0	1	0	1	0	0	0
Agriculture & forestry support activities	159	30	34	6	13	4	25	35	0	1	5	3	3
Mining	876	74	197	38	52	78	84	237	0	13	40	33	30
Oil & gas extraction	39	2	6	1	6	2	6	8	0	0	3	4	1
Mining, except oil & gas	560	53	131	22	31	47	51	166	0	10	23	14	12
Coal mining	330	24	86	8	16	32	34	111	0	5	4	3	7
Metal ore mining	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-metallic mineral mining & quarrying	230	29	45	14	15	15	17	55	0	5	19	11	5
Support activities for mining	277	19	60	15	15	29	27	63	0	3	14	15	17
Construction	9,901	1,267	1,925	806	678	498	838	2,334	31	148	552	424	400
Construction of buildings	1,855	249	412	207	122	87	160	387	5	12	93	49	72
Residential building construction	960	132	207	135	68	35	83	189	0	5	36	30	40
Non-residential building construction	895	117	205	72	54	52	77	198	5	7	57	19	32
Heavy & civil engineering construction	2,624	315	463	126	196	144	232	651	8	47	173	149	120
Utility system construction	598	47	122	34	43	53	63	139	6	14	26	22	29
Land subdivision	16	1	2	2	2	0	1	5	0	1	1	1	0
Highway, street, & bridge construction	1,936	258	325	88	148	91	162	490	2	29	140	121	82
Other heavy construction	74	9	14	2	3	0	6	17	0	3	6	5	9
Specialty trade contractors	5,422	703	1,050	473	360	267	446	1,296	18	89	286	226	208
Building foundation & exterior contractors	1,262	148	246	131	94	64	114	296	0	19	62	36	52
Building equipment contractors	2,395	340	424	176	160	104	187	612	13	39	145	109	86
Building finishing contractors	808	106	160	108	49	26	63	197	1	4	39	28	27
Other specialty trade contractors	957	109	220	58	57	73	82	191	4	27	40	53	43
Manufacturing	22,349	2,749	3,853	496	1,620	1,853	1,736	6,851	49	463	1,365	194	1,120
Food manufacturing	4,141	475	584	62	421	311	394	1,331	10	118	160	53	222
Animal food mfg.	143	11	26	6	15	12	12	42	1	5	5	3	5
Grain & oilseed milling	40	2	3	0	7	3	2	20	0	0	1	1	1
Sugar & confectionery product manufacturing	560	70	75	12	59	63	62	125	5	19	20	6	44

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRICITY	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	OTHER
Fruit & vegetable preserving & specialty mfg.	423	66	57	13	40	39	46	104	0	15	16	3	24
Dairy product mfg.	372	35	51	7	45	25	35	111	2	13	22	11	15
Animal slaughtering & processing	1,413	151	213	11	119	81	117	571	0	29	47	8	66
Seafood product preparation & packaging	2	0	1	0	1	0	0	0	0	0	0	0	0
Bakeries & tortilla mfg.	645	81	86	9	88	58	53	199	1	21	14	9	26
Other food mfg.	543	59	72	4	47	30	67	159	1	16	35	12	41
Beverage & tobacco product mfg.	385	55	45	12	34	18	36	138	0	18	8	8	13
Beverage mfg.	364	54	40	11	31	16	35	131	0	17	8	8	13
Tobacco mfg.	21	1	5	1	3	2	1	7	0	1	0	0	0
Textile mills	123	16	22	1	14	16	10	31	0	2	5	0	6
Fiber, yarn, & thread mills	24	3	2	0	3	4	3	6	0	0	2	0	1
Fabric mills	55	6	13	1	8	6	3	11	0	1	2	0	2
Textile & fabric finishing mills	44	5	7	0	3	6	4	14	0	1	1	0	3
Textile product mills	139	21	29	4	15	9	12	39	0	1	4	1	4
Textile furnishings mills	81	9	15	0	12	4	8	26	0	0	2	1	4
Other textile product mills	58	12	14	4	3	5	4	13	0	1	2	0	0
Apparel mfg.	92	12	23	2	8	4	6	29	0	0	3	1	4
Apparel knitting mills	11	0	2	1	0	0	3	3	0	0	0	0	2
Cut & sew apparel mfg.	70	10	20	1	7	2	3	23	0	0	2	1	1
Accessories & other apparel mfg.	11	2	1	0	1	2	0	3	0	0	1	0	1
Leather & allied product mfg.	30	10	3	0	0	1	3	10	0	0	2	0	1
Leather & hide tanning & finishing	10	4	0	0	0	1	1	4	0	0	0	0	0
Footwear mfg.	16	5	3	0	0	0	1	5	0	0	1	0	1
Other leather product mfg.	4	1	0	0	0	0	1	1	0	0	1	0	0
Wood product mfg.	1,179	164	295	41	60	110	98	306	1	5	38	12	49
Sawmills & wood preservation	229	39	53	5	13	29	24	45	0	1	14	0	6
Plywood & engineered wood product mfg.	177	22	26	8	7	27	12	48	0	2	4	1	20
Other wood product mfg.	773	103	216	28	40	54	62	213	1	2	20	11	23
Paper mfg.	709	86	123	15	55	89	55	211	4	13	23	9	29
Pulp, paper, & paperboard mills	103	13	20	2	11	10	7	21	1	3	6	2	7
Converted paper product mfg.	606	75	103	13	39	79	48	190	3	10	17	7	22
Printing & related support activities	500	67	70	11	40	56	37	181	0	6	6	7	19
Petroleum & coal products mfg.	125	10	18	5	17	8	10	29	0	9	14	2	3

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRICITY	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	UNCLASSIFIED
Chemical mfg.	809	68	99	27	77	48	76	252	1	21	81	10	49
Basic chemical mfg.	129	6	14	4	14	3	18	44	0	4	6	2	14
Resin, rubber, & artificial fibers mfg.	66	7	5	0	4	2	6	30	0	2	5	1	4
Agricultural chemical mfg.	26	4	2	5	2	0	3	6	0	0	4	0	0
Pharmaceutical & medicine manufacturing	175	11	14	7	30	5	18	62	0	0	9	5	14
Paint, coating, & adhesive manufacturing	62	9	5	3	2	8	3	19	0	2	7	0	4
Soap, cleaning compound, & toiletry mfg.	203	16	41	3	14	18	16	53	0	8	27	0	7
Other chemical product & preparation mfg.	148	15	18	5	11	12	12	38	1	5	23	2	6
Plastics & rubber products mfg.	1,508	184	277	32	128	144	127	451	3	24	66	6	66
Plastics product mfg.	1,328	165	242	31	115	122	114	398	3	21	54	2	61
Rubber product mfg.	180	19	35	1	13	22	13	53	0	3	12	4	5
Non-metallic mineral product mfg.	1,061	135	194	43	77	85	100	295	1	15	52	17	47
Clay product & refractory mfg.	179	23	27	2	18	11	14	51	1	3	15	1	13
Glass & glass product mfg.	233	43	50	2	12	16	18	68	0	4	5	0	15
Cement & concrete product mfg.	513	59	90	35	36	43	57	133	0	7	26	12	15
Lime & gypsum product mfg.	12	2	2	1	1	3	2	1	0	0	0	0	0
Other non-metallic mineral products	124	8	25	3	10	12	9	42	0	1	6	4	4
Primary metal mfg.	2,157	231	376	39	105	212	130	621	6	93	189	6	149
Iron & steel mills & ferroalloy mfg.	592	66	70	20	34	54	40	164	3	21	41	1	78
Steel product mfg. from purchased steel	432	46	104	6	18	52	21	131	0	10	28	0	16
Alumina & aluminum production	106	10	18	2	8	12	4	30	0	5	9	1	7
Other non-ferrous metal production	240	35	44	3	13	14	17	80	0	11	18	1	4
Foundries	787	74	140	8	32	80	48	216	3	46	93	3	44
Fabricated metal product mfg.	3,437	536	643	62	183	360	215	900	4	57	307	21	149
Forging & stamping	520	80	77	8	31	61	37	163	0	13	32	0	18
Cutlery & hand tool mfg.	277	40	31	2	5	23	18	61	1	3	19	1	23
Architectural & structural metals mfg.	957	144	206	22	51	108	51	238	2	9	95	4	27
Boiler, tank, & shipping container mfg.	208	33	25	5	14	23	14	62	0	3	24	1	4
Hardware mfg.	25	1	9	1	0	0	0	9	0	1	4	0	0
Spring & wire product mfg.	188	28	34	4	9	16	14	53	1	7	8	0	14
Machine shops & threaded product mfg.	663	113	141	14	30	61	36	141	0	9	76	7	35
Coating, engraving, & heat-treating metals	229	33	42	4	23	24	14	52	0	9	17	2	9
Other fabricated metal production mfg.	420	64	78	2	20	44	31	121	0	3	32	6	19

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRICITY	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	UNCLASSIFIED
Machinery mfg.	1,341	168	280	39	79	101	91	370	2	14	129	8	60
Ag., construction, & mining machinery mfg.	246	24	72	10	17	22	11	51	0	2	30	0	7
Industrial machinery mfg.	146	20	28	5	10	11	13	34	1	2	16	1	5
Commercial & service industry machinery	68	10	8	4	8	6	3	23	0	1	2	0	3
HVAC & commercial refrigeration equipment	145	20	23	5	6	6	12	60	0	1	9	0	3
Metal working machinery mfg.	273	37	63	3	11	21	21	71	0	6	21	4	15
Turbine & power transmission equipment mfg.	122	12	19	1	6	11	14	40	0	1	10	1	7
Other general-purpose machinery mfg.	341	45	67	11	21	24	17	91	1	1	41	2	20
Computer & electronic product mfg.	522	55	81	13	50	21	54	172	2	7	23	4	40
Computer & peripheral equipment mfg.	19	1	4	1	2	2	1	8	0	0	0	0	0
Communications equipment mfg.	63	13	11	0	5	2	11	17	1	1	0	0	2
Audio & video equipment mfg.	1	0	0	0	0	0	0	1	0	0	0	0	0
Semi-conductor & electronic component mfg.	140	10	20	6	12	8	16	45	1	3	6	2	11
Electronic instrument mfg.	288	30	45	6	30	9	23	96	0	3	17	2	27
Magnetic media mfg. & reproducing	11	1	1	0	1	0	3	5	0	0	0	0	0
Electrical equipment & appliance mfg.	993	88	129	13	58	83	70	423	2	20	54	7	46
Electric lighting equipment mfg.	55	4	13	2	4	7	7	11	0	1	3	0	3
Household appliance mfg.	23	4	3	0	0	4	3	6	0	2	0	1	0
Electrical equipment mfg.	161	22	26	3	18	2	11	51	0	3	15	2	8
Other electrical equipment & component mfg.	754	58	87	8	36	70	49	355	2	14	36	4	35
Transportation equipment mfg.	1,804	208	291	51	121	113	122	612	7	21	142	7	109
Motor vehicle mfg.	185	17	27	8	13	8	9	88	2	0	7	0	6
Motor vehicle body & trailer mfg.	377	51	87	13	17	18	21	105	0	4	29	2	30
Motor vehicle parts mfg.	381	42	50	9	22	30	36	129	0	10	40	1	12
Aerospace product & parts mfg.	327	45	54	10	47	18	20	82	1	2	21	2	25
Railroad rolling stock mfg.	363	41	51	9	15	25	12	146	1	1	36	2	24
Ship & boat building	13	1	3	0	0	2	0	3	0	0	3	0	1
Other transportation equipment mfg.	158	11	19	2	7	12	24	59	3	4	6	0	11
Furniture & related product mfg.	662	74	167	7	32	40	38	243	0	7	24	5	25
Household & institutional furniture mfg.	376	40	104	3	16	21	19	142	0	1	12	2	16
Office furniture & fixtures mfg.	214	30	52	3	9	14	17	65	0	6	10	3	5
Other furniture related product mfg.	72	4	11	1	7	5	2	36	0	0	2	0	4

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRICITY	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	UNCLASSIFIED
Miscellaneous mfg.	632	84	104	17	51	24	52	207	6	12	35	10	30
Medical equipment & supplies mfg.	266	30	33	3	34	12	26	90	0	9	14	7	8
Other miscellaneous mfg.	366	54	71	14	17	12	26	117	6	3	21	3	22
Trade, Transportation & Utilities	45,045	5,256	8,898	1,363	3,625	2,211	4,100	13,944	39	605	1,227	1,502	2,275
Trade	29,747	3,715	6,566	845	2,354	1,502	2,569	8,720	19	431	842	651	1,533
Merchant wholesalers, durable goods	2,982	387	529	144	208	182	243	868	5	39	124	149	104
Merchant wholesalers, non-durable goods	2,595	230	351	99	236	140	268	987	2	15	61	100	106
Electronic markets & agents & brokers	520	38	70	14	49	25	49	147	1	7	27	72	21
Motor vehicle & parts dealers	2,174	309	410	56	211	107	218	509	1	23	130	135	65
Furniture & home furnishings stores	649	91	161	22	56	17	48	212	0	6	6	10	20
Electronics & appliance stores	251	40	53	18	10	12	23	64	0	2	8	9	12
Building material & garden supply stores	5,513	867	1,506	85	248	181	190	1,990	1	22	152	41	230
Food & beverage stores	5,993	435	1,591	115	445	420	578	1,610	1	150	111	37	440
Health & personal care stores	853	112	192	25	65	21	100	217	0	7	25	29	60
Gasoline stations	1,542	155	341	44	172	68	184	314	3	105	54	15	87
Clothing & clothing accessories stores	648	107	177	41	59	23	52	138	0	3	14	5	29
Sporting goods, hobby, book & music stores	339	36	78	24	32	20	28	89	2	6	3	4	17
General merchandise stores	3,889	609	751	107	369	215	385	1,081	7	31	67	14	258
Miscellaneous store retailers	1,045	204	257	32	79	41	105	229	0	3	23	11	61
Non-store retailers	814	95	99	27	107	30	98	265	1	12	37	20	23
Transportation & Warehousing	14,142	1,428	2,093	481	1,173	660	1,418	4,934	11	153	325	788	678
Air transportation	1,088	173	139	21	66	45	81	466	0	12	44	11	30
Water transportation	2	0	0	1	0	0	1	0	0	0	0	0	0
Truck transportation	3,446	286	423	220	313	177	422	1,052	1	26	79	320	127
Transit & ground passenger transportation	1,998	201	325	62	295	54	207	339	9	12	87	287	120
Pipeline transportation	41	7	11	1	2	4	4	5	0	0	0	4	3
Scenic & sightseeing transportation	6	0	2	0	1	1	1	0	0	0	1	0	0
Support activities for transportation	760	84	121	33	66	45	91	188	0	8	31	38	55
Couriers & messengers	2,554	267	433	75	178	100	242	942	1	52	23	77	164
Warehousing & storage	4,247	410	639	68	252	234	369	1,942	0	43	60	51	179
Utilities	1,155	113	238	37	98	49	113	290	9	21	60	63	64
Information	1,485	157	183	78	225	53	165	383	3	18	40	94	86

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRICITY	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	UNCLASSIFIED
Publishing industries, except Internet	283	21	33	16	52	24	24	71	0	2	3	22	15
Motion picture & sound recording industries	168	29	30	6	24	5	18	24	0	14	4	2	12
Broadcasting, except Internet	76	9	7	2	15	1	9	11	0	0	1	15	6
Internet publishing & broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0
Telecommunications	838	85	100	51	107	18	99	250	3	1	30	49	45
Data processing	41	6	6	1	12	1	5	4	0	0	0	3	3
Other information services	79	7	7	2	15	4	10	23	0	1	2	3	5
Financial Activities	3,441	339	467	133	631	151	455	685	2	30	144	199	205
Finance & insurance	1,854	165	181	56	446	78	303	263	0	16	103	102	141
Monetary authorities - central bank	17	4	2	0	1	0	2	4	0	0	4	0	0
Credit intermediation & related activities	902	96	90	33	242	49	147	94	0	6	39	40	66
Securities, commodity contracts, & investments	93	9	3	5	30	4	14	13	0	0	4	6	5
Insurance carriers & related activities	840	56	84	18	173	25	140	152	0	10	56	56	70
Funds, trusts, & other financial vehicles	2	0	2	0	0	0	0	0	0	0	0	0	0
Real estate & rental & leasing	1,587	174	286	77	185	73	152	422	2	14	41	97	64
Real estate	901	110	161	55	112	38	92	246	1	7	27	15	37
Rental & leasing services	684	63	125	22	73	35	80	175	1	7	14	82	27
Lessors of non-financial intangible assets	2	1	0	0	0	0	0	1	0	0	0	0	0
Professional & Business Services	11,950	1,596	2,412	357	1,247	638	1,086	2,755	22	154	474	496	713
Professional & technical services	2,877	561	705	70	307	105	186	492	7	34	95	130	185
Management of companies & enterprises	282	18	38	7	81	8	35	39	1	7	13	16	19
Administrative & waste services	8,791	1,017	1,669	280	859	525	865	2,224	14	113	366	350	509
Administrative & support services	7,620	843	1,467	229	780	462	741	1,921	13	100	323	287	454
Waste management & remediation services	1,171	174	202	51	79	63	124	303	1	13	43	63	55
Education & Health Services	51,489	5,321	13,028	667	5,486	1,558	5,782	12,393	49	1,129	1,795	1,360	2,921
Education services	12,762	1,071	3,700	288	1,735	411	1,923	2,234	20	268	302	200	590
Health care & social assistance	38,727	4,250	9,328	379	3,751	1,147	3,859	10,159	29	841	1,493	1,160	2,331
Ambulatory health care services	6,238	785	1,221	81	715	165	610	1,532	2	101	237	391	398
Hospitals	15,422	2,065	3,618	121	1,309	508	1,237	3,948	15	432	990	152	1,027
Nursing & residential care facilities	12,819	1,080	3,530	123	1,192	374	1,344	3,680	11	272	223	294	696
Social assistance	4,248	320	959	54	535	100	668	999	1	36	43	323	210
Leisure & Hospitality	11,160	1,627	2,551	186	1,431	441	1,111	1,913	30	909	263	136	562
Arts, entertainment, & recreation	2,481	255	632	58	260	99	249	631	3	61	54	30	149

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

INDUSTRY (cont.)	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRICITY	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	UNCLASSIFIED
Performing arts & spectator sports	821	50	261	18	48	22	71	279	2	6	6	13	45
Museums, historical sites, zoos, & parks	136	15	38	10	21	5	16	19	0	2	3	4	3
Amusements, gambling, & recreation	1,524	190	333	30	191	72	162	333	1	53	45	13	101
Accommodation & food services	8,679	1,372	1,919	128	1,171	342	862	1,282	27	848	209	106	413
Accommodation	1,831	230	313	31	260	78	243	438	7	53	61	13	104
Food services & drinking places	6,848	1,142	1,606	97	911	264	619	844	20	795	148	93	309
Other Services	4,464	503	1,027	125	386	182	508	884	7	58	201	344	239
Repair & maintenance	1,459	222	303	53	74	87	102	316	2	29	143	64	64
Personal & laundry services	1,421	109	315	28	111	55	120	300	2	8	35	239	99
Membership associations & organizations	1,566	170	408	44	199	40	281	265	3	21	22	40	73
Private households	18	2	1	0	2	0	5	3	0	0	1	1	3
Public Administration	10,882	1,074	1,664	271	1,027	344	1,186	2,345	15	190	532	584	1,650
Executive, legislative & general government	3,357	381	481	92	318	128	448	826	3	42	123	203	312
Justice, public order, & safety activities	6,230	571	852	114	541	192	633	1,265	12	142	369	305	1,234
Administration of human resource programs	311	42	44	16	67	8	13	62	0	0	10	14	35
Administration of environmental programs	514	32	217	24	29	6	39	86	0	4	18	18	41
Community & housing program administration	276	31	47	17	38	6	24	77	0	1	6	21	8
Administration of economic programs	193	16	23	8	34	4	29	29	0	1	6	23	20
Space research & technology	0	0	0	0	0	0	0	0	0	0	0	0	0
National security & international affairs	1	1	0	0	0	0	0	0	0	0	0	0	0
Unclassified	17	0	2	2	1	1	2	8	0	0	1	0	0

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 6. Type of Injury or Illness by Body Part Affected, Pennsylvania 2017

INJURY OR ILLNESS	TOTAL	HEAD	NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES	MULTIPLE PARTS	BODY SYSTEMS	UNCLASSIFIED
Total	174,216	20,486	3,657	66,040	31,175	38,555	12,817	1,185	301
Amputation, Enucleation, Loss of Use	414	81	1	307	3	16	4	0	2
Burns: Heat & Chemical	3,320	457	49	2,007	112	518	171	2	4
Contusion, Crushing, Bruise	32,609	6,087	398	10,235	3,360	10,470	2,011	21	27
Cut, Laceration, Puncture	28,255	3,390	124	20,817	388	3,123	394	8	11
Fracture	6,596	437	39	2,982	480	2,471	182	0	5
Sprain, Strain	66,041	334	2,477	20,996	22,131	17,468	2,577	41	17
Multiple Injuries	4,291	397	94	680	268	526	2,221	79	26
Occupational Disease	3,563	595	32	1,255	510	113	664	340	54
Other	29,117	8,707	443	6,758	3,923	3,845	4,593	693	155
Unclassified	10	1	0	3	0	5	0	1	0

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 7. Type of Injury or Illness by Cause of Injury, Pennsylvania 2017

INJURY OR ILLNESS	TOTAL	STRUCK AGAINST	STRUCK BY	FALL FROM ELEVATION	FALL ON SAME LEVEL	CAUGHT IN, UNDER OR BETWEEN	BODILY REACTION	OVEREXERTION	CONTACT WITH ELECTRICITY	CONTACT WITH TEMPERATURE EXTREMES	RADIATION, CAUSTICS, ETC.	HIGHWAY MOTOR ACCIDENT	OTHER
Total	174,216	20,102	36,443	4,584	16,497	8,093	17,199	44,995	248	3,729	6,691	5,385	10,250
Amputation, Enucleation, Loss of Use	414	61	118	1	5	155	3	15	1	5	34	4	12
Burns: Heat & Chemical	3,320	11	75	4	27	33	8	10	45	2,500	549	10	48
Contusion, Crushing, Bruise	32,609	3,953	11,922	1,193	5,336	3,419	3,688	1,143	3	77	40	1,073	762
Cut, Laceration, Puncture	28,255	12,119	11,846	200	614	1,827	516	252	1	151	74	165	490
Fracture	6,596	364	1,534	697	1,377	870	1,056	280	1	8	4	242	163
Sprain, Strain	66,041	1,378	4,176	1,661	6,367	958	9,180	38,303	3	97	19	2,053	1,846
Multiple Injuries	4,291	227	888	297	887	156	655	325	5	43	65	486	257
Occupational Disease	3,563	82	521	7	7	15	63	362	0	279	1,213	17	997
Other	29,117	1,907	5,363	524	1,877	660	2,030	4,305	189	569	4,693	1,335	5,665
Unclassified	10	0	0	0	0	0	0	0	0	0	0	0	10

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 8. Age by Industry Division, Pennsylvania 2017

INJURY OR ILLNESS	TOTAL	AGRICULTURE, FORESTRY, FISHING & HUNTING	MINING	CONSTRUCTION	MANUFACTURING	TRADE, TRANSPORTATION & UTILITIES	INFORMATION	FINANCIAL ACTIVITIES	PROFESSIONAL & BUSINESS SERVICES	EDUCATION & HEALTH SERVICES	LEISURE & HOSPITALITY	OTHER SERVICES	PUBLIC ADMINISTRATION	UNCLASSIFIED
Total	174,216	1,157	876	9,901	22,349	45,045	1,485	3,441	11,950	51,489	11,160	4,464	10,882	17
Under 18 Years	1,298	16	1	30	42	260	17	5	31	162	597	73	64	0
18-20 Years	7,251	70	12	384	655	2,658	46	55	593	1,055	1,276	257	190	0
21-24 Years	15,134	114	61	770	1,546	4,410	90	240	1,316	3,957	1,634	428	567	1
25-29 Years	21,484	154	124	1,187	2,372	5,267	141	328	1,793	6,546	1,650	525	1,396	1
30-34 Years	18,361	161	126	1,113	2,142	4,318	155	333	1,465	5,543	1,130	451	1,420	4
35-39 Years	16,606	108	98	1,150	2,136	4,028	174	313	1,191	4,875	879	402	1,250	2
40-44 Years	15,987	101	109	994	2,205	3,856	155	312	1,110	4,861	673	357	1,254	0
45-49 Years	18,660	108	90	1,232	2,687	4,583	190	359	1,202	5,514	807	451	1,434	3
50-54 Years	19,781	120	86	1,231	2,954	5,011	165	467	1,134	6,067	805	441	1,300	0
55-59 Years	19,142	102	95	1,040	2,899	4,846	172	458	1,031	6,227	778	462	1,028	4
60-64 Years	13,283	63	47	584	1,994	3,428	124	360	657	4,554	487	350	633	2
65 Years & Over	7,132	40	27	180	698	2,358	56	205	412	2,117	431	262	346	0
Age Not Reported	97	0	0	6	19	22	0	6	15	11	13	5	0	0
Median Age	42.2	37.9	40.7	41.6	45.1	42.0	43.9	46.8	38.2	43.7	31.8	41.3	42.7	42.5

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Table 9. Age by Gender, Pennsylvania 2017

	TOTALS		MALE		FEMALE		GENDER NOT REPORTED	
	TOTAL	FATAL	TOTAL	FATAL	TOTAL	FATAL	TOTAL	FATAL
Total	174,216	82	90,566	74	69,260	5	14,390	3
Under Age 18	1,298	1	601	1	575	0	122	0
Age 18-20	7,251	0	3,936	0	2,833	0	482	0
Age 21-24	15,134	5	7,647	4	6,293	0	1,194	1
Age 25-29	21,484	9	11,224	9	8,515	0	1,745	0
Age 30-34	18,361	6	9,896	6	7,007	0	1,458	0
Age 35-39	16,606	3	9,131	2	6,063	1	1,412	0
Age 40-44	15,987	6	8,518	6	6,156	0	1,313	0
Age 45-49	18,660	11	9,743	11	7,395	0	1,522	0
Age 50-54	19,781	11	9,977	8	8,125	2	1,679	1
Age 55-59	19,142	9	9,506	8	7,956	0	1,680	1
Age 60-64	13,283	14	6,727	13	5,363	1	1,193	0
Age 65 & Over	7,132	6	3,621	5	2,941	1	570	0
Age Not Reported	97	0	39	0	38	0	20	0
Median Age	42.2	49.5	41.7	48.6	42.7	47.5	42.9	27.5

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Work Injuries and Illnesses, Pennsylvania 2017 (cont.)

Table 10. County by Industry Division, Pennsylvania 2017

COUNTY	TOTAL	AGRICULTURE, FORESTRY, FISHING & HUNTING	MINING	CONSTRUCTION	MANUFACTURING	TRADE, TRANSPORTATION & UTILITIES	INFORMATION	FINANCIAL ACTIVITIES	PROFESSIONAL & BUSINESS SERVICES	EDUCATION & HEALTH SERVICES	LEISURE & HOSPITALITY	OTHER SERVICES	PUBLIC ADMINISTRATION	UNCLASSIFIED
Total	174,216	1,157	876	9,901	22,349	45,045	1,485	3,441	11,950	51,489	11,160	4,464	10,882	17
Adams	795	95	0	57	249	44	0	6	29	236	26	14	39	0
Allegheny	15,259	1	15	733	1,074	2,957	495	424	811	6,042	1,086	501	1,120	0
Armstrong	463	4	32	18	49	55	1	21	15	241	3	12	12	0
Beaver	730	1	0	58	153	68	1	3	49	326	22	23	26	0
Bedford	344	4	108	22	52	31	0	20	35	44	5	10	13	0
Berks	5,150	123	8	216	1,442	1,128	11	57	214	1,445	77	76	353	0
Blair	1,879	5	0	77	178	776	12	12	42	569	140	27	41	0
Bradford	447	5	7	6	205	59	0	5	20	67	12	9	52	0
Bucks	4,677	6	3	350	484	752	9	76	633	1,822	257	91	194	0
Butler	1,435	2	15	160	248	195	37	3	85	535	91	26	38	0
Cambria	617	0	5	40	122	104	0	6	41	231	28	8	32	0
Cameron	25	0	0	1	20	1	0	0	0	2	0	0	1	0
Carbon	323	2	0	7	48	25	31	0	19	142	25	3	21	0
Centre	1,129	3	6	91	78	86	13	22	61	573	99	19	78	0
Chester	4,943	230	2	314	489	564	7	121	353	2,364	154	148	196	1
Clarion	228	1	3	10	17	13	0	1	6	142	5	13	17	0
Clearfield	510	4	3	11	94	100	0	5	3	178	16	80	16	0
Clinton	164	1	1	10	40	38	0	6	8	27	2	9	22	0
Columbia	469	3	0	16	160	89	7	2	31	73	56	5	27	0
Crawford	471	5	10	19	141	68	0	0	22	117	17	19	53	0
Cumberland	1,805	13	8	161	307	239	2	81	117	574	178	79	46	0
Dauphin	8,008	16	1	692	484	1,037	5	124	108	2,567	369	49	2,554	2
Delaware	3,462	8	0	213	329	651	2	126	220	1,320	148	101	344	0
Elk	363	0	1	13	216	19	2	0	6	94	1	2	9	0
Erie	2,898	26	1	132	806	235	12	117	118	1,071	117	88	175	0
Fayette	779	1	2	31	159	163	6	3	21	253	49	20	71	0
Forest	143	0	0	1	2	0	0	0	51	84	0	0	5	0
Franklin	803	10	1	60	126	130	0	2	61	188	148	37	40	0
Fulton	181	2	8	4	72	17	0	0	69	2	0	2	5	0
Greene	128	0	5	14	5	25	24	3	1	23	0	1	27	0
Huntingdon	173	14	4	13	22	17	0	1	17	67	6	3	9	0
Indiana	559	9	21	52	50	82	0	26	13	238	27	18	23	0
Jefferson	498	1	1	18	146	25	0	1	0	163	124	4	15	0
Juniata	67	1	0	10	3	34	0	2	7	5	0	5	0	0
Lackawanna	2,107	3	1	58	360	404	18	17	109	813	102	67	154	1
Lancaster	5,170	81	3	572	808	997	34	92	449	1,507	213	127	286	1
Lawrence	621	1	5	32	242	56	1	9	6	208	17	16	28	0
Lebanon	911	10	0	56	301	189	0	7	37	236	24	20	31	0
Lehigh	4,454	35	8	173	570	1,299	11	49	292	1,422	264	84	246	1
Luzerne	2,598	0	13	121	410	762	19	20	168	746	153	94	92	0
Lycoming	934	7	3	35	317	132	0	3	22	345	28	17	25	0

Table 10. County by Industry Division, Pennsylvania 2017

COUNTY	TOTAL	AGRICULTURE, FORESTRY, FISHING, & HUNTING	MINING	CONSTRUCTION	MANUFACTURING	TRADE, TRANSPORTATION & UTILITIES	INFORMATION	FINANCIAL ACTIVITIES	PROFESSIONAL & BUSINESS SERVICES	EDUCATION & HEALTH SERVICES	LEISURE & HOSPITALITY	OTHER SERVICES	PUBLIC ADMINISTRATION	UNCLASSIFIED
McKean	260	4	6	7	87	39	1	0	8	79	5	6	18	0
Mercer	1,134	3	2	56	341	170	4	32	36	411	21	10	48	0
Mifflin	528	1	0	17	121	123	0	4	4	216	17	5	20	0
Monroe	871	0	1	36	86	162	0	8	23	295	178	18	64	0
Montgomery	7,258	51	13	710	1,007	1,207	24	187	675	2,782	239	177	185	1
Montour	1,159	4	0	3	18	9	0	8	11	1,094	2	6	4	0
Northampton	2,572	1	0	115	405	773	20	15	138	720	71	65	249	0
Northumberland	1,357	10	3	31	140	871	2	2	20	145	92	15	26	0
Perry	150	12	0	15	45	48	0	1	4	11	3	2	9	0
Philadelphia	14,686	2	0	1,010	663	2,526	105	250	399	6,083	791	595	2,261	1
Pike	109	0	0	3	0	4	0	12	4	39	9	13	25	0
Potter	136	7	0	5	31	15	8	0	1	60	1	2	6	0
Schuylkill	655	17	24	35	242	97	2	3	24	133	10	23	45	0
Snyder	307	0	1	11	215	36	0	1	9	11	6	6	11	0
Somerset	350	4	6	31	44	62	0	0	0	12	0	0	2	0
Sullivan	105	3	11	9	10	10	2	5	3	27	10	1	14	0
Susquehanna	132	1	11	10	23	33	0	4	0	13	14	5	18	0
Tioga	364	0	0	13	54	15	0	2	20	198	41	0	21	0
Union	299	1	0	9	102	58	0	1	5	107	0	4	12	0
Venango	260	2	4	12	68	67	0	10	3	43	3	28	20	0
Warren	1,622	8	91	135	322	227	1	5	79	586	75	50	43	0
Washington	248	1	1	22	7	67	1	1	9	53	52	8	26	0
Wayne	2,769	3	6	236	613	639	10	9	78	727	264	62	122	0
Westmoreland	2,567	2	5	182	612	617	8	17	101	452	259	73	239	0
Wyoming	119	9	1	7	5	70	1	0	1	10	2	2	11	0
York	6,334	19	0	243	938	1,970	2	22	802	1,876	75	102	285	0
County Not Specified	53,686	261	389	2,441	5,678	22,079	542	1,381	5,196	8,579	5,047	1,317	767	9

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

County Where Injury or Illness Occurred

Over 43 percent (75,939) of the 174,216 cases reported in 2017 came from 10 of the commonwealth's 67 counties. The greatest number of cases (15,259, 8.8%) came from Allegheny, followed by Philadelphia (14,686, 8.4%), Dauphin (8,008, 4.6%), Montgomery

(7,258, 4.2%), York (6,334, 3.6%), Lancaster (5,170, 3.0%), Berks (5,150, 3.0%), Chester (4,943, 2.8%), Bucks (4,677, 2.7%), and Lehigh (4,454, 2.6%). (See Table 10.)

Methodology

Injuries and illnesses are reported to the bureau by Electronic Data Interchange (EDI) or through the bureau's website. The narrative description of the accident or exposure is coded for type of injury, part of body affected and cause of injury. These characteristics are classified according to the National Council on Compensation Insurance Coding System as it refers to work-related injuries. The nature of business is classified according to the North American Industry Classification System (NAICS). In Tables 3, 4 and 5 of this publication, the Mining, Construction and Manufacturing industries are classified at the four-digit level. All other industries are classified at the three-digit level. Tables 1a, 8 and 10 are at the supersector level. Age and gender are obtained directly from the electronic report.

The data tabulated in this report refers to the years in which the injury or illness occurred.

Glossary

North American Industry Classification System (NAICS):

A classification system developed by the Office of Statistical Standards, Executive Office of the President/Office of Management and Budget, for use in classifying firms by type of activity in which they are engaged. Each firm is assigned an industry code for its major activity, which is determined by the product or group of products produced or services rendered.

Cause of Injury:

Description of the event which directly resulted in the injury, i.e., struck by or against, fall, caught in, under or between, overexertion, etc.

Type of Injury:

Result of the injury or illness, i.e., cut, bruise, fracture, amputation, sprain, etc.

Part of Body Affected:

The part of the worker's body directly affected by the injury or illness.

Work Injury and Illness Rate:

Injury and illness rates for selected industries are obtained by dividing the number of injuries or illnesses reported during the year by the estimated average preliminary employment for 12 months, times 1,000.

Age and Gender:

Obtained directly from the First Report of Injury at time of injury.

Electronic Data Interchange (EDI):

Process of submitting a First Report of Injury electronically.

Web:

Process of submitting a First Report of Injury via the Internet.

Benefits Paid, 2013-2016

Indemnity and Medical Breakdown*

	Indemnity Compensation Paid	Medical Compensation Paid	Total Compensation Paid
2016			
Commercial Insurance Carriers	\$1,168,549,489	\$1,066,402,214	\$2,234,951,703 72.7%
State Workers' Insurance Fund (SWIF)	\$105,708,859	\$81,112,669	\$186,821,528 6.1%
Individual Self-Insurers	\$310,504,805	\$262,189,416	\$572,694,221 18.6%
Group Self-Insurance Funds	\$43,816,396	\$37,076,061	\$80,892,457 2.6%
Total	\$1,628,579,549 53.0%	\$1,446,780,360 47.0%	\$3,075,359,909 100.0%

2015			
Commercial Insurance Carriers	\$1,088,411,519	\$999,448,873	\$2,087,860,392 71.1%
State Workers' Insurance Fund (SWIF)	\$117,822,048	\$93,985,600	\$211,807,648 7.2%
Individual Self-Insurers	\$324,467,360	\$250,616,915	\$575,084,275 19.6%
Group Self-Insurance Funds	\$30,624,443	\$29,389,549	\$60,013,992 2.0%
Total	\$1,561,325,370 53.2%	\$1,373,440,937 46.8%	\$2,934,766,307 100.0%

2014			
Commercial Insurance Carriers	\$1,077,990,520	\$1,014,623,665	\$2,092,614,185 70.7%
State Workers' Insurance Fund (SWIF)	\$117,386,275	\$103,548,897	\$220,935,172 7.5%
Individual Self-Insurers	\$310,560,789	\$265,811,261	\$576,372,050 19.5%
Group Self-Insurance Funds	\$34,019,918	\$34,949,452	\$68,969,370 2.3%
Total	\$1,539,957,502 52.0%	\$1,418,933,275 48.0%	\$2,958,890,777 100.0%

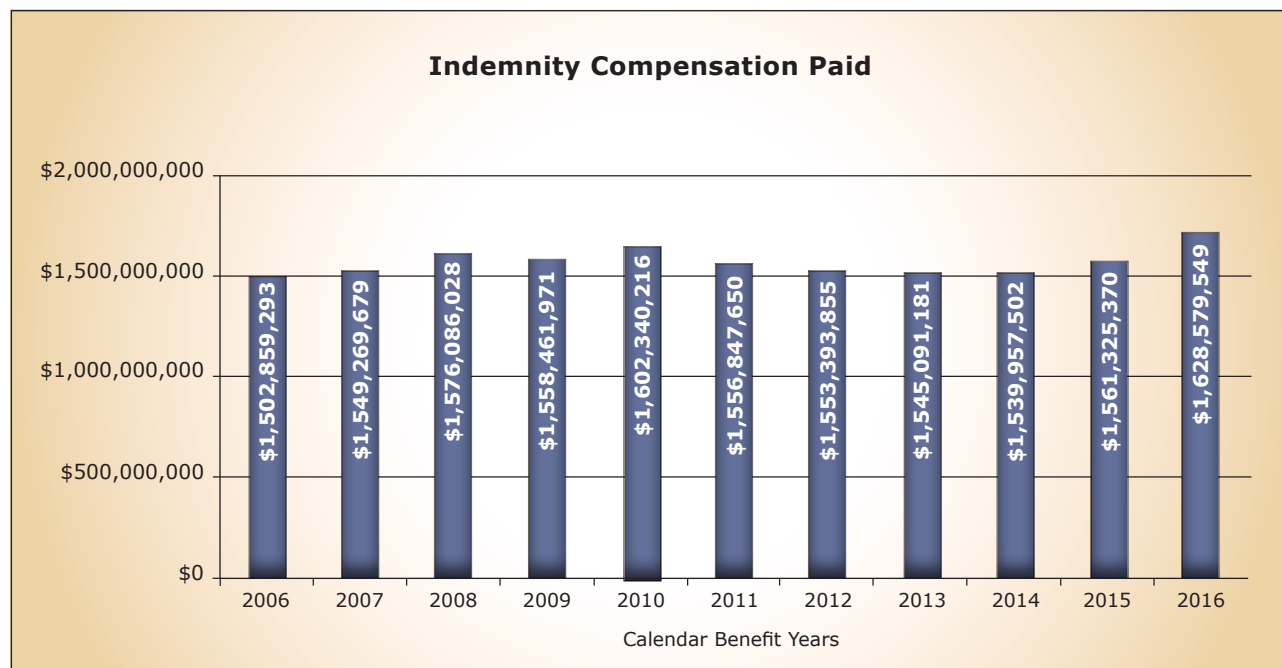
2013			
Commercial Insurance Carriers	\$1,080,680,791	\$1,002,944,792	\$2,083,625,583 70.8%
State Workers' Insurance Fund (SWIF)	\$110,557,457	\$94,013,579	\$204,571,036 7.0%
Individual Self-Insurers	\$322,078,532	\$265,793,783	\$587,872,315 20.0%
Group Self-Insurance Funds	\$31,774,401	\$33,444,562	\$65,218,963 2.2%
Total	\$1,545,091,181 52.5%	\$1,396,196,716 47.5%	\$2,941,287,897 100.0%

*2017 data will become available during the fourth quarter of 2018.

Note: Percentages may not total 100% due to rounding.

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

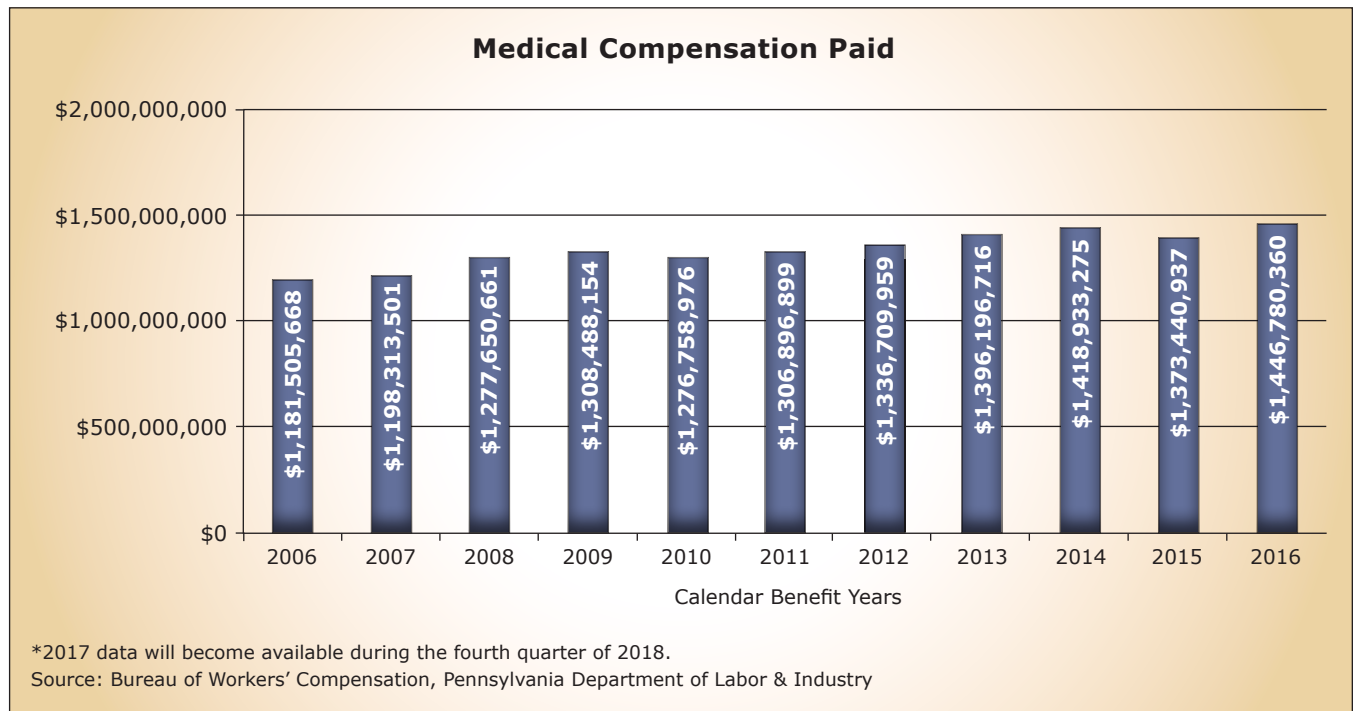
Total Workers' Compensation Paid 2006-2016 *



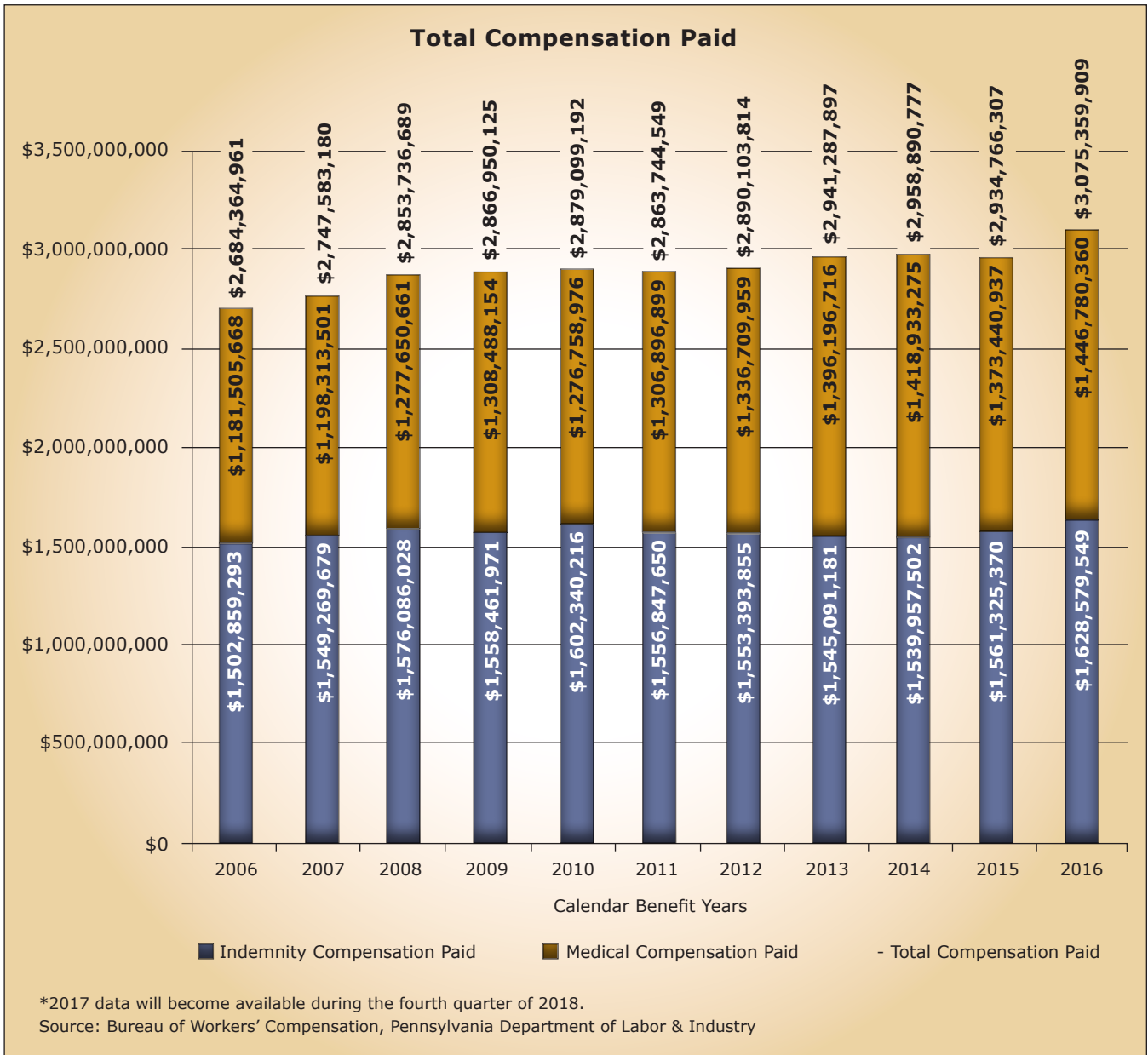
*2017 data will become available during the fourth quarter of 2018.

Source: Bureau of Workers' Compensation, Pennsylvania Department of Labor & Industry

Total Workers' Compensation Paid 2006-2016* (cont.)



Total Workers' Compensation Paid 2006-2016 * (cont.)





pennsylvania

DEPARTMENT OF LABOR & INDUSTRY
BUREAU OF WORKERS' COMPENSATION

1171 S. Cameron Street, Room 324,
Harrisburg, PA 17104-2501

www.dli.pa.gov