

Safety Update

Ohio BWC Library

Stats at Work ... Uses stats collected in Ohio and nationwide on the number and frequency of nonfatal workplace injuries and illnesses to analyze work processes and risk factors. Those stats can be found in the annual [Bureau of Labor Statistics \(BLS\) survey](#). BWC's Division of Safety & Hygiene's research and statistics department in partnership with the BLS collects the annual Survey of Occupational Injuries and Illnesses for Ohio. Our most recent Stats at Work article is on occupational hearing loss in the manufacturing industry and is located on the BLS page of BWC's website [Occupational hearing loss - June 2014](#).

NIOSH News

What Does Hearing Loss Sound Like?

Are you having trouble getting your employees to use their hearing protection? This web page from NIOSH might help convince them. The site has examples of what moderate and severe hearing loss sound like and contains a link to a hearing loss simulator. <http://www.cdc.gov/niosh/mining/content/hlsoundslike.html>

NIOSH Buy Quiet Campaign

[Buy Quiet](#) is a prevention initiative which:

- Encourages companies to purchase or rent quieter machinery and tools to reduce worker noise exposure. This is accomplished when new businesses start up or when older equipment is replaced.
- Provides information on equipment noise levels, so companies can buy quieter products that make the workplace safer.
- Encourages manufacturers to design quieter equipment by creating a demand for quieter products.

Hearing Protector Devices

The [Hearing Protector Device Compendium](#) is a comprehensive searchable database of hearing protection devices. This web tool was created by the National Institute for Occupational Safety and Health to help workers and safety professionals select the most appropriate product for their unique environment. The tool identifies hearing protector devices by type, manufacturer, and noise exposure level. It also explains essential product features; including desired noise reduction ratings, mean attenuations, standard deviations of attenuations, protector construction and materials, and other features that can aid the selection of protectors for specific situations.

Protecting Outdoor Workers from Heat

Outdoor workers in agriculture, construction, and other industries are exposed to a great deal of exertional and environmental heat stress that may lead to severe illness or death. The National Institute for Occupational Safety and Health (NIOSH) recommends that employers have a plan in place to prevent heat-related illness. This [Workplace Solutions](#) document outlines two case reports and provides information about heat-related illness and links to additional materials.

Preventing Worker Injuries and Deaths from Backing Construction Vehicles and Equipment at Roadway Construction Worksites

The National Institute for Occupational Safety and Health (NIOSH) recommends that specific procedures and controls be in place at roadway construction worksites to help prevent injuries and deaths from backing construction vehicles and equipment. This [Workplace Solutions](#) Document presents a case study along with information on standard operating procedures, compliance, training and sources of additional information.

Safety Culture and Climate in Construction

NIOSH and the Center for Construction Research and Training (CPWR) produced a [report](#) from a workshop to better define safety culture and safety climate as they pertain to worker safety at construction workplaces. The report includes examples of interventions and barriers to interventions.

OSHA News

Workplace Hazards Video Game

Do you like videogames? If so, a new [interactive training tool](#) to help small businesses effectively identify hazards in the workplace will be right up your alley! Employers and workers can virtually explore how to identify common workplace hazards in the manufacturing and construction industries. Users of the new training tool will learn not only hazard identification skills but also learn about hazard abatement and control. There is a [blog post](#), and [video trailer](#) for this fun, new educational game.

OSHA Hazard Bulletin: Tree Care Work

This [Hazard Bulletin](#) describes two fatal tree care incidents, one caused by a fall and the other by a falling object. The bulletin also lists safety precautions for employers to use before they begin any tree care operations.

Respirator Video

This informative [video](#) from OSHA describes the various types of respirators and how they work to protect workers from airborne hazards, and discusses how to select the appropriate respirator.

OSHA launches annual summer campaign to prevent heat-related illnesses

OSHA announced May 22 the launch of its annual [Campaign to Prevent Heat Illness in Outdoor Workers](#). For the fourth consecutive year, OSHA's campaign aims to raise awareness and educate workers and employers about the serious hazards of working in hot weather and provide resources and guidance to address these hazards.

New Trends in Fatalities among Construction Workers

This [CPWR Data Brief](#) reports the number of construction fatalities increased in 2011-2012 for the first time since 2006. The brief contains charts and graphs about construction fatalities including by ethnicity, major industry and age group.

Firefighter Fatalities in the United States-2013

The National Fire Protection Association issued a [report](#) on firefighter fatalities in the US for 2013. The report indicates that two fires were primarily responsible for the largest number of firefighter deaths since 2008.

The Economic and Societal Impact of Motor Vehicle Crashes, 2010

In 2010 the total economic cost of motor vehicle crashes in the United States was \$277 billion. This includes 32,999 fatalities, 3.9 million non-fatal injuries, and 24 million damaged vehicles. [The report](#), published by the National Highway Traffic Safety Administration, describes the economic impact of these crashes including lost productivity, medical costs, legal and court costs, emergency service costs (EMS), insurance administration costs, congestion costs, property damage, and workplace losses.

Appeals Court Ruling on Machine Guarding

An appeals court ruled that machine guarding must protect workers against work material as well as debris being thrown from equipment. A machinist was killed when a malfunctioning unguarded machine threw a large piece of the work material striking him on the head. The court ruled in favor of OSHA's \$511,000 fine. The ruling can be found here <http://media.ca8.uscourts.gov/opndir/14/05/131310P.pdf>

Updated TOXNET Website

The [TOXNET](#) website has been updated by the National Library of Medicine. The new website has an improved appearance, improved multi-database search, and more accessible menus

TOXNET (TOXicology Data NETwork) is a group of databases covering chemicals and drugs, diseases and the environment, environmental health, occupational safety and health, poisoning, risk assessment and regulations, and toxicology.

It's a Buggy Summer

Learn what you need to do to prevent and treat insect bites and stings from MedLine Plus and the National Library of Medicine. This [resource](#) includes photos of insects, information for children and patient handouts in English and Spanish.

Active Shooter Video from ReadyHoustonTX.gov

Do you know what to do in the event of an active shooter at your place of business? The ["Run. Hide. Fight.®"](#) video provides the information on the actions you need to take to survive an active shooter event.

Please contact the library@bwc.state.oh.us or 614-466-7388 for more information on any of these items.