

MEMO to Members

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Governor's Safety Awards Program: Apply Now!

The South Dakota Safety Council and Governor Dennis Daugaard invite you to participate in the Governor's Workplace Safety Awards. The awards program, which began in 1993, recognizes South Dakota employers for excellence in safety. The application form can be downloaded from www.southdakotasafetycouncil.org/announce/GovAwards-AccReport14.pdf.

Winners will be recognized at the South Dakota Safety & Health Conference, October 8, 2014, at the Sioux Falls Arena and Convention Center.

Applicants are judged on several years of injury data as it compares with state and national statistics, and on their progress in implementing a comprehensive safety program. Winners are recognized at three levels — **Meritorious Achievement, Outstanding Achievement and Award of Honor.**

Enter now, so the good work you're doing in reducing on-the-job injuries and illnesses can be recognized. Not sure you'll qualify for an award? Send in an application anyway to help us track how our members are doing overall and to avoid a gap in your reporting — it will make it easier to enter next year.

The information you provide is confidential.

Details and application form are linked from www.southdakotasafetycouncil.org/announce/GovAwards-AccReport14.pdf.

Download, fill out and mail or fax to the South Dakota Safety Council by July 18, 2014.

Fax: 605-361-2156

Mailing address: South Dakota Safety Council, 1108 N. West Ave., Sioux Falls, SD 57104

Questions? Contact Gary Miles at the South Dakota Safety Council: 605-361-7785/800-952-5539; gmiles@southdakotasafetycouncil.org.

Mark Your Calendar!

South Dakota Safety & Health Conference

October 8, 2014

Sioux Falls Arena and Convention Center

Join with more than 500 other attendees to:

- Connect with local and national experts
- Strengthen your safety program
- Build your professional skills
- Network with peers: ask questions, share experiences, gain from each other's knowledge

Watch for details!





NIOSH Director Addresses Safety Sustainability

In a [speech](#) in late June to the American Society of Safety Engineers, John Howard, director of the National Institute for Occupational Safety & Health (NIOSH) made the case for workforce safety and health as a critical performance metric in sustainability reports and indices.

Placing his talk in the context of the first anniversary of the building collapse in Bangladesh that killed a thousand people, most of them garment workers, Howard posed a central question: “How can safety become the type of system that maintains its own viability in every workplace, across global supply chains that bind all of us together — manufacturers, customers, suppliers, safety practitioners, and workers?”

“The continued absence of workforce safety and health as a critical performance metric in the sustainability indices of global investment rating companies means that the voice of safety is not being heard as loudly as it should be in the new globalized economic order of extended supply chains,” he said. “Given how muted the safety voice is in sustainability reporting, advances in global workforce safety and worker well-being will be limited. If we don’t change that, who will?”

... “The 2013 United Nations Global Compact Report notes that while signatories to the Compact are making progress in setting *expectations* for supply chain sustainability, many are failing to implement tangible measures to drive adherence with the firm’s own supply chain safety requirements. But that may not necessarily be for a lack of commitment — the sheer size and geopolitical complexity of global supply chains makes supply chain safety management a daunting task.”

News from Federal OSHA

Regulatory agenda.

The new federal OSHA regulatory agenda has created a bit of comment, most notably about the status of the Injury and Illness Prevention Program (I2P2) rule, which would require employers to implement a prevention program. Previously considered a priority, a proposed I2P2 rule had been slated for publication this September, but now is on hold as a “long term action” with no release date. See the Bloomberg BNA website for an [article](#) containing a variety of reactions to this move, plus commentary on other elements of the agenda (recordkeeping, combustible dust, communications tower oversight and more). To view the complete agenda, go to the [Spring Regulatory Agenda](#) web page, select “Department of Labor,” click “Go” and scroll to the OSHA listings.

Emergency response rule.

In other federal OSHA news, the agency has scheduled an informal stakeholder meeting on a proposed standard to protect emergency responders. The meeting will be held July 30, 2014, in Washington, D.C. Find details, including how to register, in the [June 4 Federal Register](#).

Temp workers.

National Safety Council reports that stakeholders have suggested OSHA consider developing separate guidance for the construction industry on best practices for temp workers. The comments came from the American Staffing Association to an OSHA advisory committee workgroup that met in early May. Learn more [online](#).

Emergency Order Requires Notifications for Trains Carrying Crude Oil

The U. S. Department of Transportation is now requiring all railroads operating trains carrying large amounts of Bakken crude oil to notify State Emergency Response Commissions about the estimated volume and frequency of traffic through their states. An [Emergency Order](#) issued on May 7 came in response to recent crashes and derailments of trains carrying crude oil from the massive oil field in northwestern North Dakota/northeastern Montana.

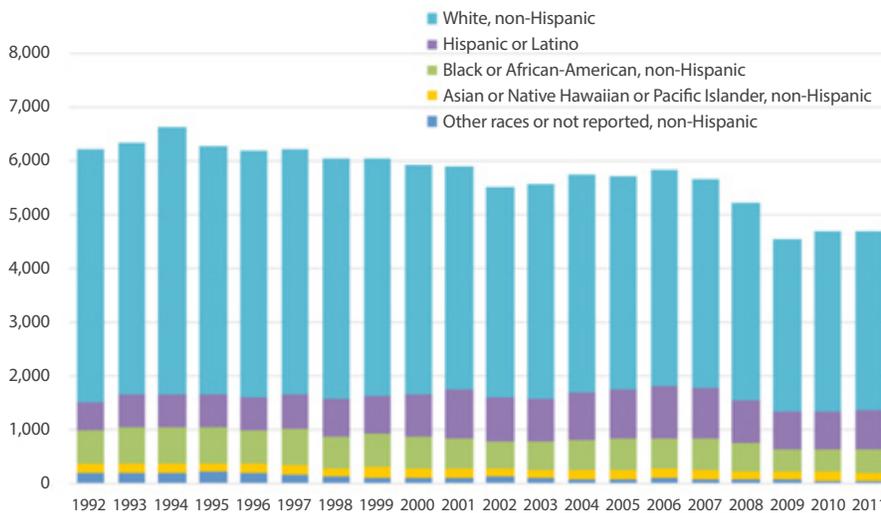
BLS: Trends in Fatal Workplace Injuries

The U.S. Bureau of Labor Statistics (BLS) recently published a summary of trends in fatal workplace injuries over the past twenty years. From 1992 to 2011, a total of 115,091 workers were killed in the United States from injuries incurred while on the job. The annual total of fatal occupational injuries decreased by 25 percent over the 20 year period.

Annual fatalities ranged from a high of 6,632 in 1994 to a low of 4,551 in 2009. These counts translate to an average of one worker fatality every 79 minutes in 1994, compared with an average of one every 115 minutes in 2009.

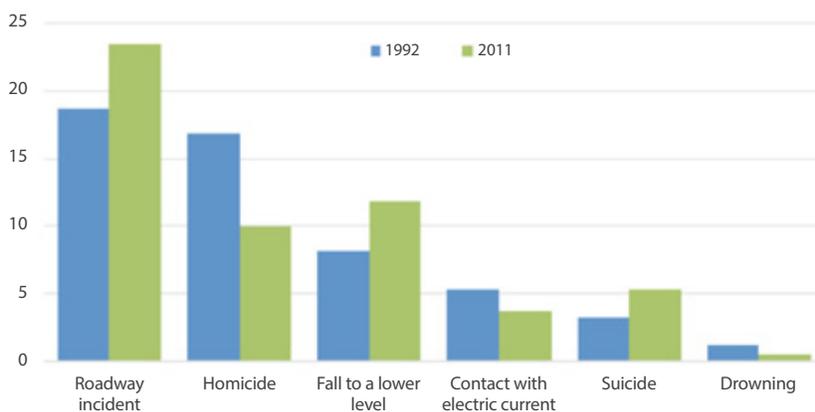
Nearly 72 percent of all fatally injured workers from 1992 to 2011 were white, non-Hispanic workers. Hispanic or Latino workers accounted for 13 percent of those killed on the job.

Fatal occupational injuries, by race and Hispanic or Latino ethnicity, 1992-2011



Source: U.S. Bureau of Labor Statistics

Percentage of fatal occupational injuries by selected event or exposure, 1992 and 2011



Source: U.S. Bureau of Labor Statistics

Roadway incidents accounted for 19 percent of all occupational fatalities in 1992 and 24 percent in 2011. Homicides fell as a percentage of all fatalities over the 20 year span, accounting for 17 percent of all work fatalities in 1992 and 10 percent in 2011. Falls to a lower level increased as a percentage of all fatalities, rising from 8 percent in 1992 to 12 percent in 2011. Contact with electricity accounted for 5 percent of fatalities in 1992 and 4 percent in 2011.

For more information, see [Trends in Fatal Workplace Injuries, 1992 - 2011](#) on the BLS website.

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What Makes an Effective Safety Committee?

Several experts weigh in on the [characteristics of an effective safety committee](#) in the current issue of National Safety Council's *Safety & Health* magazine. Among the key factors identified:

- Having a higher percentage of the workforce on safety committees
- Strong and visible upper management support
- A committee leader who can facilitate a meeting without dominating it, and who can encourage participation among all members

At Your Fingertips:



Online Resources from OSHA, NIOSH and More

OSHA Hazard Bulletin: Protecting tree care workers.

Federal OSHA has issued a hazard bulletin about preventing worker fatalities from falls and falling objects in tree care work. It includes case studies and recommended safety precautions for employers. Scroll to Tree Care Work Hazards on the [OSHA Publications Page](#).

Heat illness resources.

The heat is on! If you're looking for help with heat illness prevention, a reminder that the federal OSHA [Heat Illness Website](#) includes training materials in English and Spanish, information and resources for workers and employers, and a free app that can be used to monitor the heat index.

Construction: Preventing falls from heights.

[Preventing Falls from Heights through the Design of Embedded Safety Features](#) addresses fall prevention in construction. It includes design concepts, information about cost benefits, links to standards and additional resources, and more. This new publication from the National Institute for Occupational Safety & Health (NIOSH) is one response to the large proportion of work-related falls that occur in the construction industry — 46 percent of the total in 2011 (Bureau of Labor Statistics, most current data).

Healthcare: Safe handling of hazardous drugs.

A recent posting in the [NIOSH Science Blog](#) explores issues related to safely preparing, handling and administering hazardous drugs in healthcare settings.

o-Toluidine.

The cancer-causing chemical ortho-Toluidine is widely used in industrial settings (for making dyes, pigments, herbicides, pesticides, medications, and rubber additives) as well as in laboratories. A [new web resource](#) from NIOSH provides resources to help limit worker exposure.

Protecting poultry industry workers.

A [new web page](#) from NIOSH offers resources to help employers and workers identify risk factors and effectively prevent work-related injuries and illnesses in poultry processing.

Smartphone sound measurement apps — how accurate are they?

In response to numerous requests, NIOSH conducted a pilot study to explore the accuracy of sound measurement apps available for smartphones. Read the [NIOSH Science Blog](#) to learn more.

Fatal four: safety in the construction industry.

A detailed new [infographic](#) in *EHS Today* reveals the four types of incidents that lead to most of the fatalities in construction. It details fatal and non-fatal work injuries, the most common safety issues and prevention recommendations. The “fatal four” injuries that contributed to 57 percent of the fatalities in the construction industry from 2003–2012 were falls, caught between objects, electrocutions and struck by objects.



Upcoming Training Highlights

July 10, September 25

[First Aid/CPR/AED Employee Training, Hands-on](#)

Be prepared and be in compliance. Learn the skills to maintain the life of a victim until emergency medical personnel arrive. Upon course completion, attendees receive National Safety Council First Aid/CPR/AED certificates.

July 10

[Bloodborne Pathogen Training](#)

This National Safety Council course will help you reduce risks to employees by focusing on how to protect them from bloodborne and airborne pathogens and what to do if an exposure occurs. This revised course includes updated information on Hepatitis B and C, HIV, airborne pathogens, the Needle Stick Safety and Prevention Act, TB testing, and influenza. The course also has an expanded section on recordkeeping and exposure control plans.

July 31

[Introduction to Occupational Health](#)

Review basic occupational health and industrial hygiene principles and become familiar with the concepts of health hazard recognition, evaluation and control.

August 28

[Forklift Train-the-Trainer PLUS](#)

Re-energize or completely revamp your forklift training without a huge time commitment. You'll get a new DVD program and the training to implement it — all for just the cost of the program! Mancomm's Forklift Training System includes a training DVD, an instructor's guide, five employee workbooks, training certificates and more! Each kit contains:

- DVD with chapters on Forklift Operation, Loading, Inspections and Training Principles (34 minutes total, English)
- Instructor's Guide with a ready-to-use lesson plan
- 5 English/Spanish Trainee Learning Guides
- Training Certificates and Wallet Cards

September 18

[Introduction to Loss Control](#)

Review loss control topics and learn the fundamentals for recognizing, evaluating and controlling those situations that initiate unintentional and unplanned losses.

[Introduction to Occupational Safety](#), [Introduction to Occupational Health](#) and [Introduction to Loss Control](#) are the three courses required for the [Workplace Safety Certificate](#), to be completed within a two-year period.

The certificate is a designation from the South Dakota Safety Council and South Dakota Department of Labor for administrators of workplace safety and health programs.

October 6-7, 9-10

[Principles of Occupational Safety and Health](#)

(four days)

Principles of Occupational Safety and Health provides you with solid knowledge of safety practices and terminology. You'll get the confidence you need to implement a comprehensive safety process in your organization.

- Get a balanced perspective on the full scope of occupational safety and health issues.
- Organize and communicate an effective safety program.
- Learn techniques to identify and target hazards specific to your organization, and take actions to prevent incidents and related costs.

This course is a required part of the [Advanced Safety Certificate](#) series, sponsored by the National Safety Council. The certificate is earned through the completion of three of the following courses:

- [Principles of Occupational Safety and Health](#) (required)
- [Safety Training Methods](#)
- [Safety Management Techniques](#)
- [Fundamentals of Industrial Hygiene](#)

Note: You must successfully complete the three courses you choose within five years to be awarded the Advanced Safety Certificate. Class sizes are limited. The Advanced Safety Certificate is recognized by the South Dakota Department of Labor and Industry as a qualifying credential for health and safety professionals.



For details on all courses, see www.southdakotasafetycouncil.org/courses/c-home.cfm.

Questions? Contact Gary at giles@southdakotasafetycouncil.org.

To register for any of these classes, please call us at 605-361-7785/800-952-5539.

Portable Weather Radios: *Stay Informed. Stay Prepared.*

Protect your workplace (and support off-the-job safety!) with an [Emergency Weather Radio](#). This handheld radio will continuously receive alerts on weather disasters like severe thunderstorms, tornadoes and flash floods. Need to seek shelter? Just grab it and go!

- **Easy to set up** – Quick Guide included
- **S.A.M.E. technology** (specify alerts for your area)
- **One-touch local weather**
- **AC adapter included** (AA battery backup)

Employers — think about making this radio available to your employees with an [employee purchase program](#) to save on shipping.

To order, contact Diane at 605-361-7785 / 800-952-5539 or e-mail her at dhall@southdakotasafetycouncil.org.



**NEW
LOW PRICE!**

Members now
pay just **\$34.95**
for this lifesaving
device!

AED News

Important AED Maintenance: Time for New Pads or Battery?

It may be time to change the pads or battery for your Philips automated external defibrillator (AED) — take a moment to check the expiration dates. If you need new pads or a battery, order through us for a discount (good on any accessories). Don't have an AED? We can help! And when you purchase [Philips AEDs](#) from us, you'll receive more than \$400 of free accessories.

For more information, contact Connie Greguson at connie@southdakotasafetycouncil.org; 605-361-7785/800-952-5539. Find details about other first aid resources and our First Aid/CPR/AED training [online](#).



It's Not That Difficult to be a Steward of Safety

By Dan Hannan, CSP



Did you know that you are 30 times more likely to suffer a fatal injury while on the road or at home than you are at work?

The odds tell us that we can't let our guard down when we leave work. In fact we must be more

vigilant about safety when we are away from our job. So who is going to be a champion for off-the-job safety? YOU are! Your family and neighbors need you to help them understand which behaviors and conditions are acceptable and which are not. Some folks lack base safety knowledge while others favor risk-taking. Their thoughts tend along the lines of "...this will only take a second... if a lot is good a little is better...I don't have time to do it right..." Start by leveraging the safety knowledge you've gained while working. Be a steward of safety and pay it forward when and where it feels right.

Here are some tips to call-out that safety steward in you:

- **Lead by example.** Wear your safety glasses, ear plugs and work boots when mowing the grass. Kids are especially impressionable and model their behavior from what they observe their parents doing. For instance, good driving habits are learned from the first day you put your child in their car seat.
- **Use the right tool for the job.** A safe outcome includes using the right tool correctly. A chair is not a ladder, a wrench is not a hammer. Modifying a tool to get the job done faster or easier will catch up with you eventually.

- **Know your skill limitations.** A little knowledge is a dangerous thing. Be truthful and admit when a task is beyond your skill level. Call in a professional to do it correctly and safely.
- **Plan your work and identify the hazards.** A little planning goes a long way and helps avoid taking short cuts, rushing, and becoming frustrated.
- **Inspire by making the message personal.** Share a story with your family and friends to illustrate a point about the importance of putting safety first. You won't have to look long or hard to find a story about a house fire. Discuss "what-if" scenarios, evacuation plans, smoke alarms, etc. The idea is to get folks thinking often about safety.

We take for granted the safe outcome of each day. Our reward is the ability to get up and live another one. By helping others better understand risk and the value of making good safety decisions your mission is accomplished and you'll sleep well tonight.

Dan Hannan is the Chief Safety Officer of Merjent, Inc. and has been a safety, health and environmental professional for 24 years in a number of fields including manufacturing, construction, and oil and gas. He has been working with employers since 2009 to develop a better understanding, appreciation and value of off-the-job safety and is the author of "Preventing Home Accidents," a book that educates home owners about staying safe in their home.

UPCOMING SAFETY OBSERVANCES

SEPTEMBER

National Preparedness Month

U.S. Department of Homeland Security

www.ready.gov

14-20 National Child Passenger Safety Week

National Highway Traffic Safety Administration

www.nhtsa.gov/Safety/CPS

Safe Kids USA

www.safekids.org/safety-basics/safety-spotlight/child-passenger-safety-week/

21-27 National Farm Safety and Health Week

National Safety Council

www.nsc.org/necas/

OCTOBER

Eye Injury Prevention Month

American Academy of Ophthalmology

www.aaopt.org/

5-11 Fire Prevention Week

National Fire Protection Association

www.nfpa.org/safety-information/fire-prevention-week

6-10 Drive Safely Work Week

Network of Employers for Traffic Safety

www.trafficsafety.org/drivesafelyworkweek/about-dsww.php

19-25 National Teen Driver Safety Week

National Highway Traffic Safety Administration

www.nhtsa.gov/Teen-Drivers

South Dakota Safety Council

<http://www.southdakotasafetycouncil.org/traffic/driver.cfm>

DECEMBER

National Drunk and Drugged Driving Prevention Month

Centers for Disease Control and Prevention

www.cdc.gov/motorvehiclesafety/Impaired_Driving/index.html

National Highway Traffic Safety Administration (NHTSA)

www.nhtsa.gov/StopImpairedDriving

For a more detailed list of upcoming safety observances, see www.southdakotasafetycouncil.org/obs14.cfm.

Summer Recreation Smarts

It's summertime and South Dakotans are taking advantage of the state's lakes, rivers and trails. While water activities, biking and hiking can be great fun, they carry the risk of injury. To help reduce risk, follow some common safety practices:

- **Use proper equipment and safety gear:** helmets, lifejackets, sturdy hiking shoes and more.
- **Know the rules,** whether on the water or on our roads.
- **Plan in advance** and communicate with others regarding your whereabouts.
- **Have adequate skills for the activity** – at the least it will save you from aches and pains; at best, from serious injury or worse.

A few recreation-specific reminders: While [boating](#), wear a U.S. Coast Guard-approved life jacket and do not operate a boat in dangerous conditions (i.e. after drinking, in bad weather). When swimming, know the water depth, swim with a buddy and actively supervise children in and around water. While [bicycling](#), follow all traffic control signs and signals, just as motorists do and wear a bicycle helmet. Be careful in [hot weather](#) – anybody not accustomed to the heat is at risk of suffering from heatstroke.



“Low-head Dams: South Dakota’s Drowning Machines”

Check out this 10-minute video, created by the South Dakota Department of Game, Fish and Parks; Sioux Falls Fire and Rescue; and DENR about the dangers of low-head dams. This type of dam is found on a number of South Dakota’s rivers. Boaters, canoeists, kayakers and anyone else who goes over this type of dam is virtually assured of being trapped at the base in the recirculating current. The video explains the dangers of the dams and provides safety tips and advice for those in the water and on shore. The video is linked from the [GFP boating safety web page](#).

Prevent Food-Borne Illness During the Summer



A reminder from the South Dakota Department of Health that while summer weather is perfect for picnics and cookouts, it also helps foodborne bacteria to thrive. In 2013, South Dakota reported nearly 500 cases of the food-borne illnesses E. coli, Salmonella, and Campylobacter. The Department of Health recommends the following steps for cooking outdoor meals:

- **Start with hand-washing.** Use moist disposable towelettes if soap and water aren’t available.
- **Refrigerate or freeze leftover food promptly.** Don’t let perishable foods sit out longer than two hours; no more than one if temperatures are above 90 F.
- **Keep raw foods separate from cooked foods.** If a plate held raw meat, don’t use it again without first washing it in hot, soapy water.
- **Marinate foods in the refrigerator,** not on the counter or outdoors, and don’t reuse marinade. For use as a sauce, set some aside before adding food.
- **Use a food thermometer to make sure food is cooked thoroughly.** Cook hamburgers to 160°F and chicken to at least 165°F.
- **Keep hot food hot** (140°F or above) and **cold food cold** (40°F or below).

Learn more on the department site, doh.sd.gov/food/.

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