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SAFETY
COUNCIL

 Chapter of the National Safety Council



TM

The Invisible Safety Net

Helping Make Life Safer



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STEVE CARSON

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Drive
SAFE

Work
SAFE

Live
SAFE

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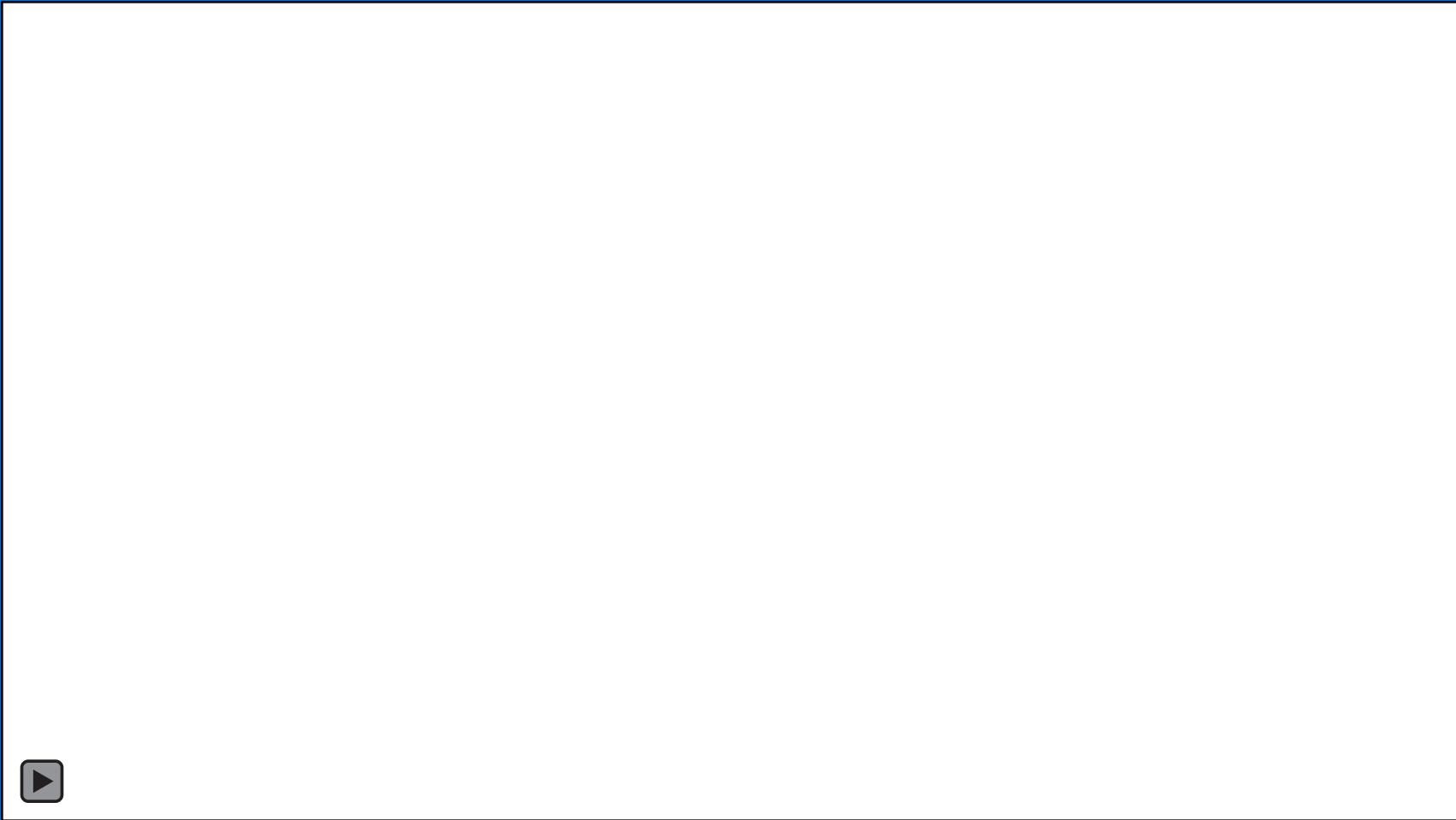
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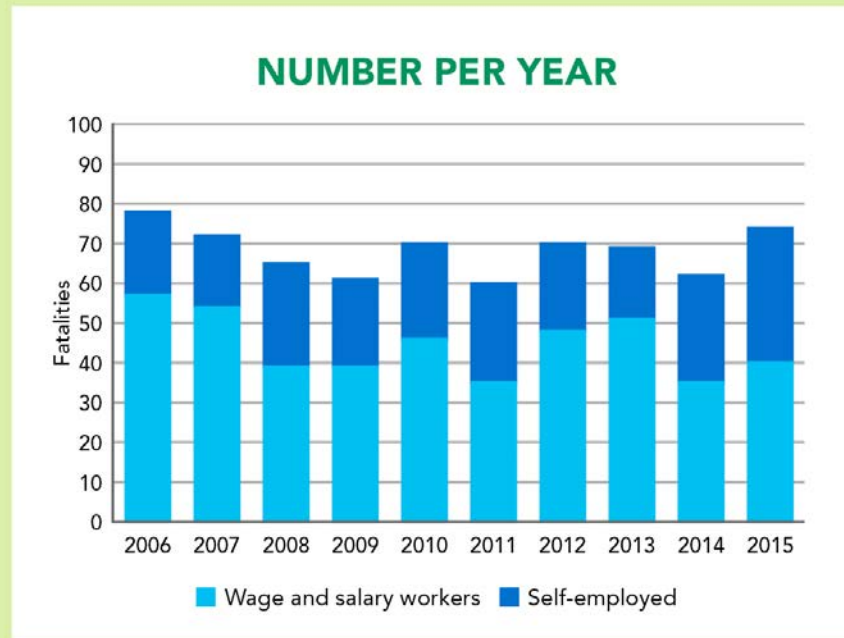
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FATAL OCCUPATIONAL INJURIES

In 2015, one Minnesota worker died every five days.

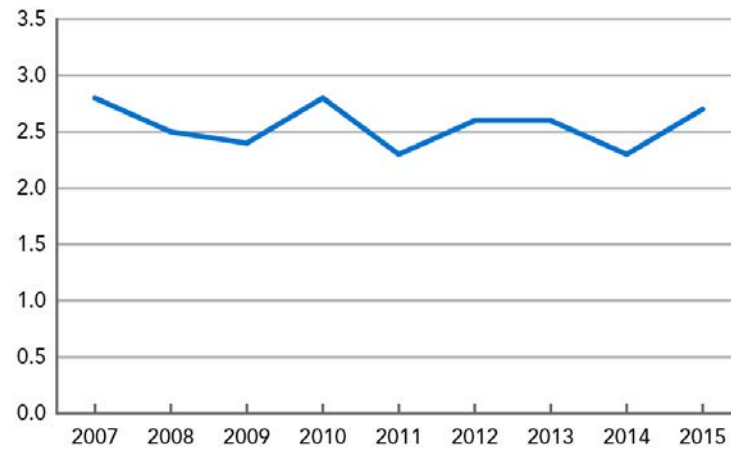


FATAL OCCUPATIONAL INJURIES

2.7: Minnesota's fatal occupational injury rate in 2015.

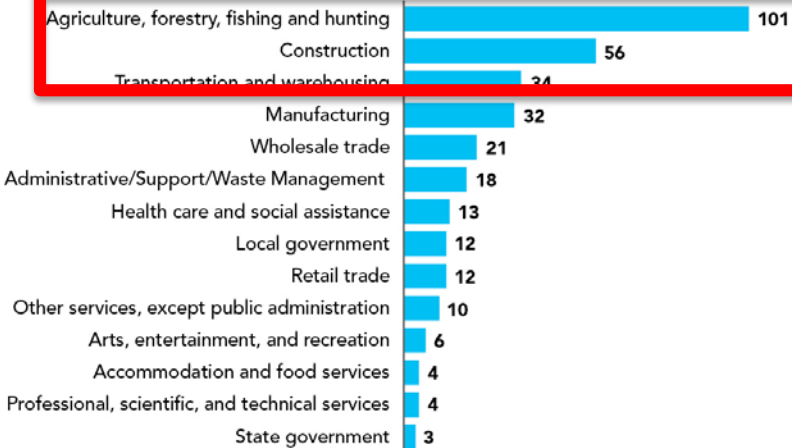
3.4: National fatal occupational injury rate in 2015.

RATE PER 100,000 FTE WORKERS



FATAL OCCUPATIONAL INJURIES

BY INDUSTRY, 2011-2015

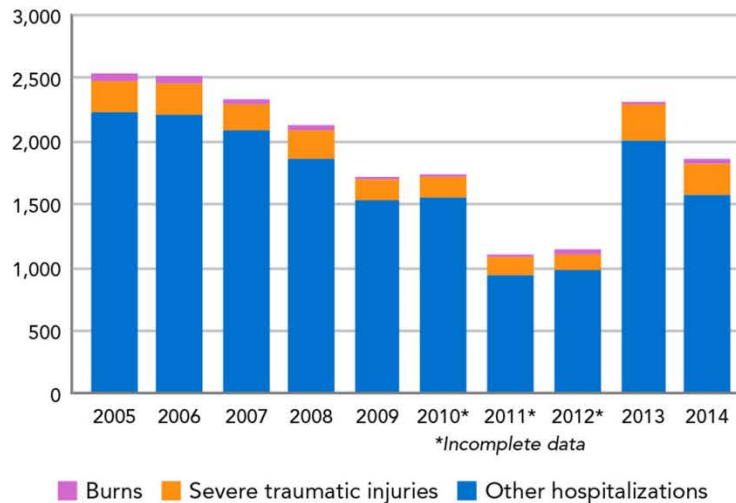


NON-FATAL INJURIES AND ILLNESSES

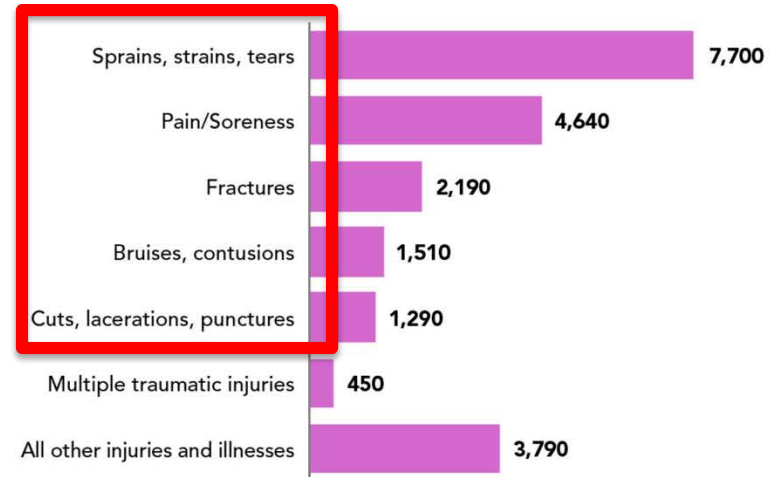
264/day: Number of nonfatal workplace injuries and illnesses, 2014.

105/day: Number of serious workplace injuries and illnesses requiring time off, job transfer or other restrictions, 2014.

HOSPITALIZATIONS



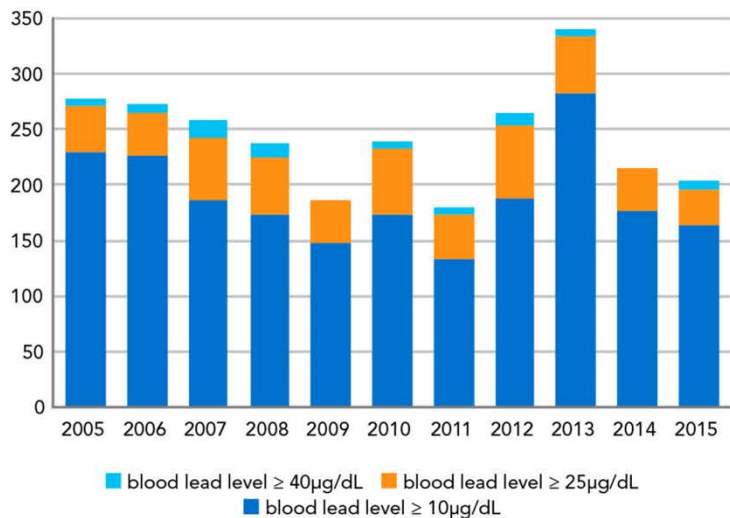
INJURY AND ILLNESS TYPES, 2014



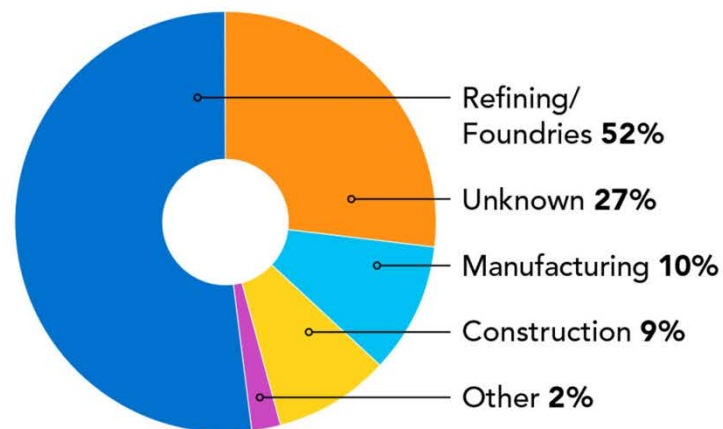
LEAD

Minnesota averages nearly one new work-related lead exposure case every work day.

NEW ADULT CASES



CASES BY INDUSTRY, 2012



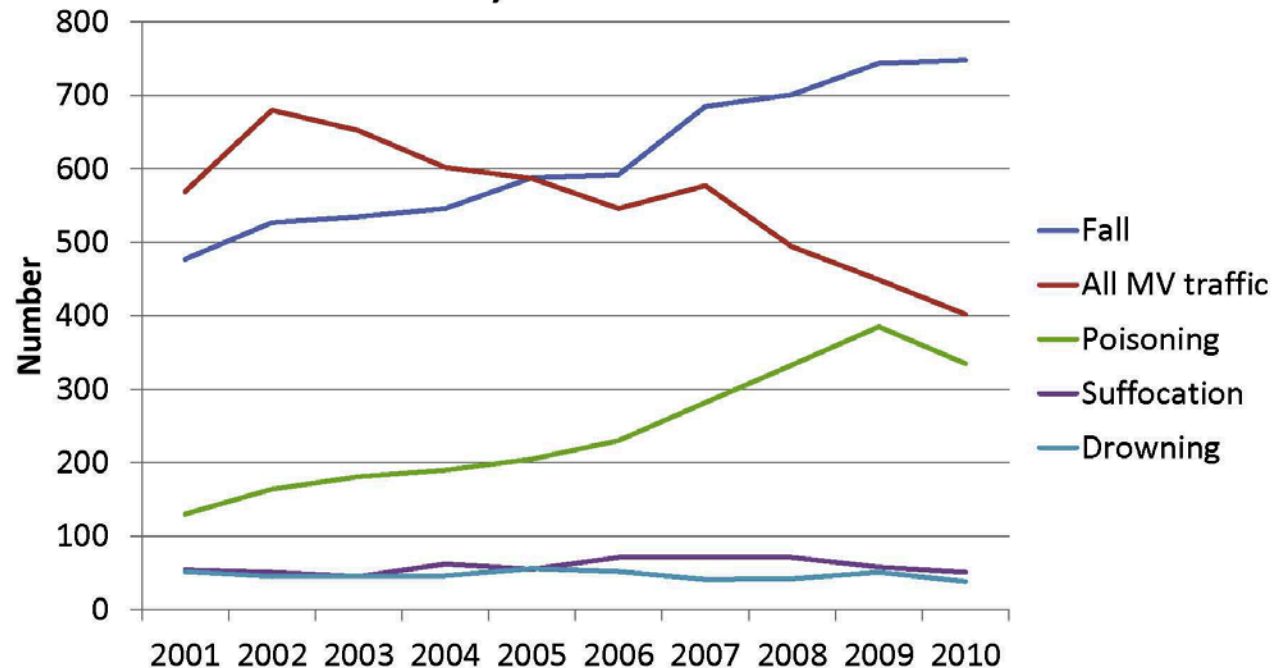


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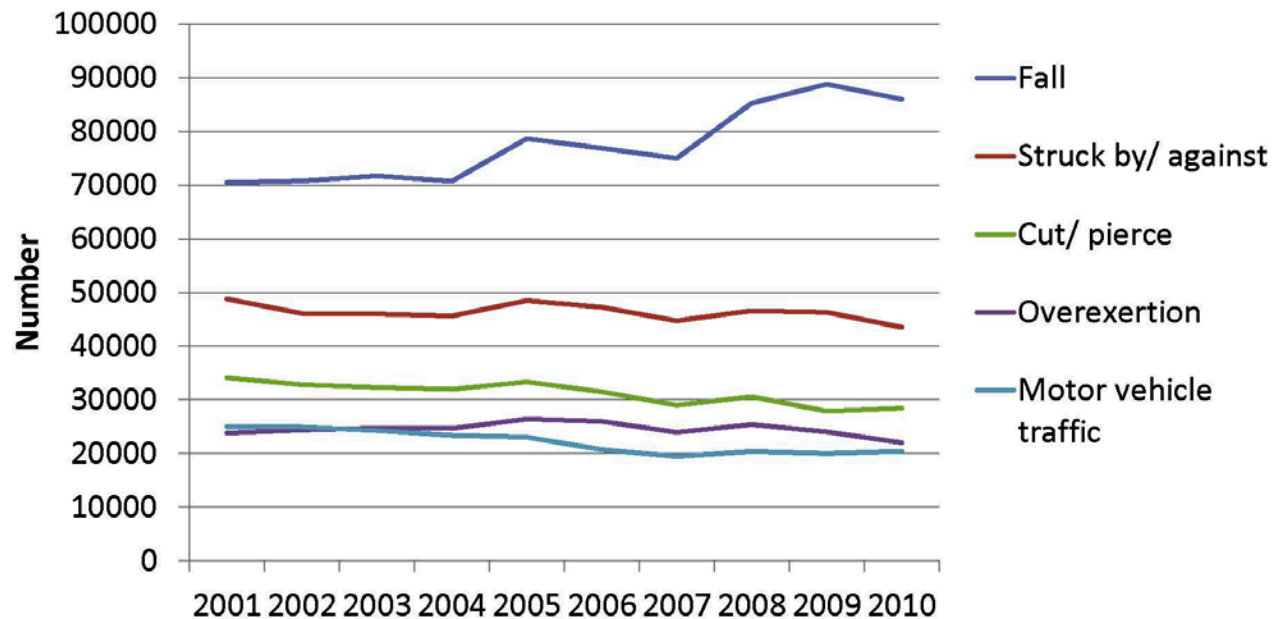


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Top Five Causes of Unintentional Injury Death by Year MN, 2001-2010



Top Five Causes of Nonfatal Emergency Department-treated Unintentional Injury by Year, MN 2001-2010



Fall death rates for ages 65+

Highest rates of fall deaths per 100,000 population

TOP FIVE STATES:



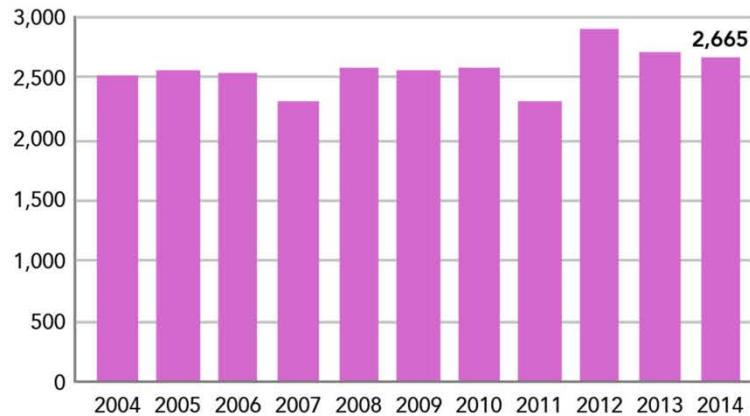
In the five states with the lowest rate of fall deaths for ages 65-plus, the rate ranges from 33.06 in New York (fifth lowest), to the lowest rate in the nation, 23.36, in New Jersey.

Source: Centers for Disease Control and Prevention, 2009

FARM-RELATED INJURIES

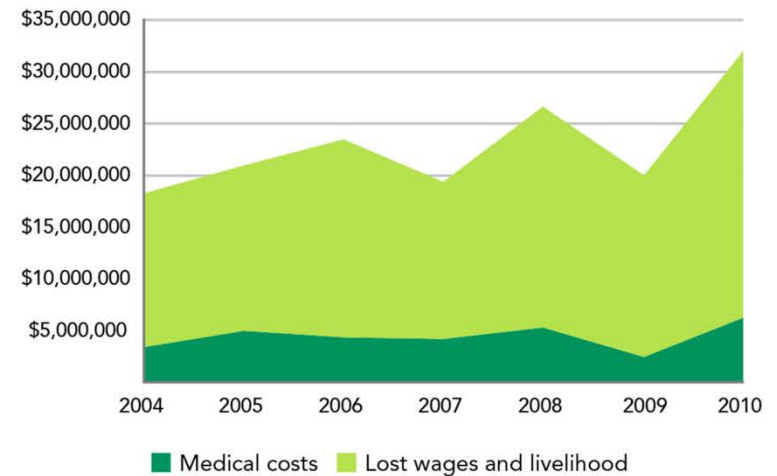
Seven people a day are seriously injured on the farm.

SERIOUS INJURIES



*All ages

COSTS





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= Underdriving



= Overdriven

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1

100

200

\$4,500,000

(On an average MN day)

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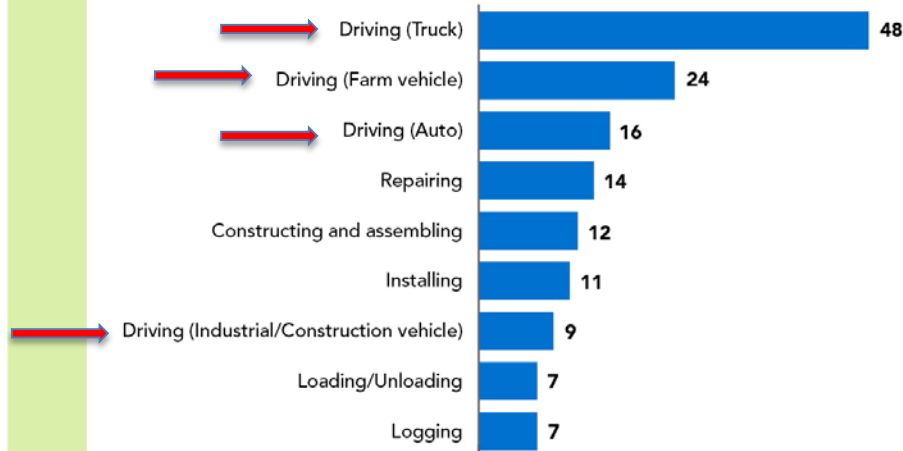


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FATAL OCCUPATIONAL INJURIES

More than one in three fatal workplace injuries involved driving or operating a vehicle.

BY WORKER ACTIVITY, 2011–2015





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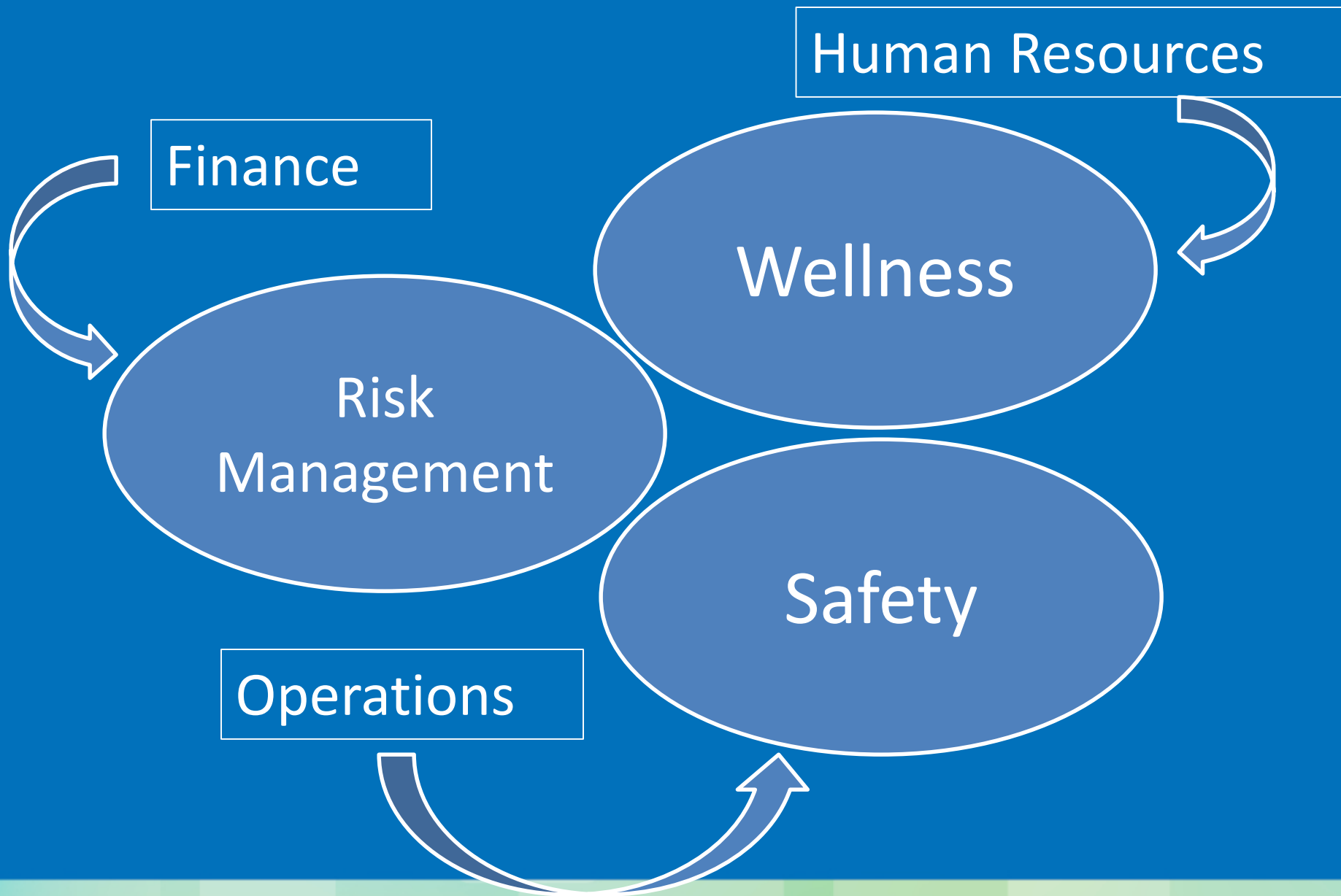
Behavior

Engineering

Regulation

MN OSHA Most Frequently Cited Standards (All Industries, 2015)

STANDARD	DESCRIPTION	FREQUENCY
MN Rules 5206.0700	Employee Right-To-Know training	557
1910.1200	Hazard Communication (GHS pictograms & SDS)	403
1926.501	Fall protection in construction	280
MN Statutes 182.653 subd. 8	A Workplace Accident and Injury Reduction (AWAIR) program	236
1910.212	Machinery and machine guarding – general requirements	205
1910.147	The control of hazardous energy (lockout/tagout)	172
1910.134	Respiratory protection	149
1910.178	Powered industrial trucks	149
1910.305	Electrical wiring methods, components and equipment in general industry	132
MN Rules 5205.0116	Carbon monoxide monitoring	99



Leadership Matters!



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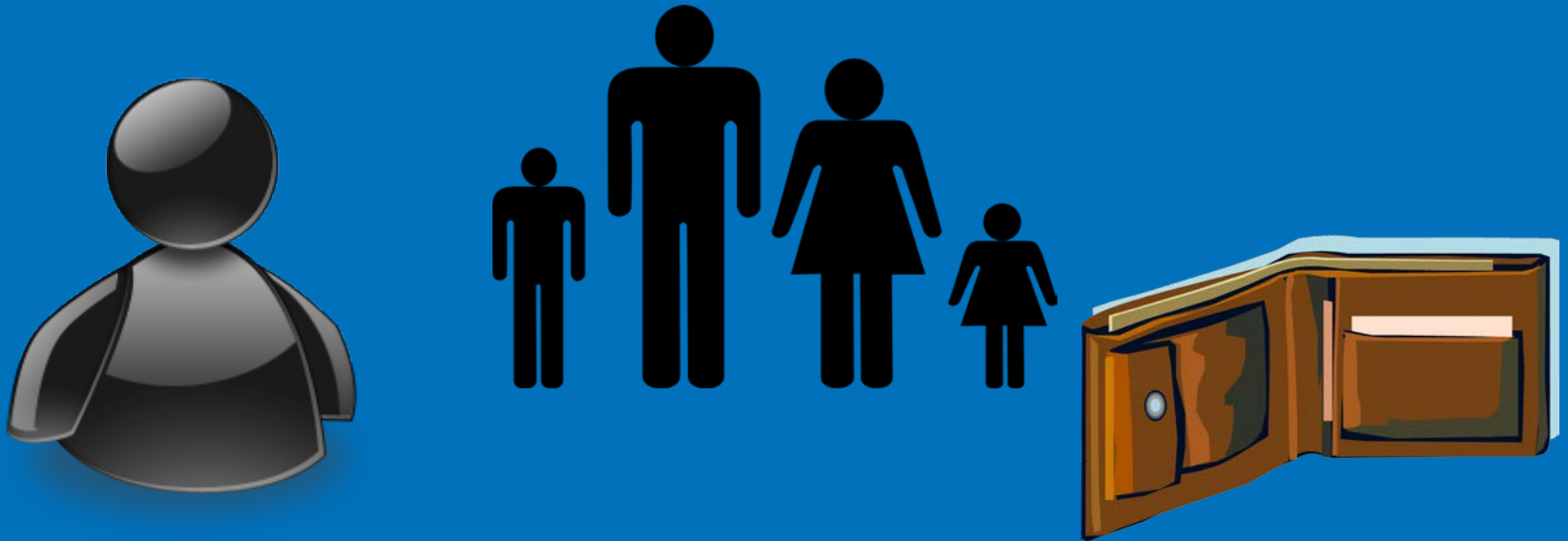
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So how can we get the attention of the corner office?



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1 every 6 minutes

\$400,000 lost/hour

Just in the MN Work Place!

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Leadership Matters!

Two Kinds of Leaders:

Formal Leadership

Social Leadership

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It can be very simple...

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Safety and Health Leadership Compact

As a leader in my organization and the community, I agree that:

- Protecting the safety and well-being of our employees, customers, visitors, neighbors and residents is our highest priority.
- Strong safety and health programs support good business results.
- Active leadership and interest from the top of our organization is necessary for safety and health programs to succeed.
- Prevention by eliminating or minimizing hazards is the most effective and efficient way to protect health and safety.
- Continuous improvement that includes active employee collaboration, dedicated time and sufficient resources will keep the workplace safe.
- The safety and health of our employees and their families on the road and at home is as important and valuable as safety in the workplace.
- Safety and health leadership includes participating as a member of the broader community by developing, promoting and sharing best practices, strategies and information.

I, _____, will take action to lead and support efforts that follow these principles in my workplace and my community.

Signature:

Organization:

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Before & After TLIR

Time Loss Claims Health and Safety Leadership Charter Firms



University
of Regina

WorkSafe
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Works to live.

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Why does Leadership matter?

Permission = time

Resources = \$ and time

Example = actions speak

Permission = time



Resources = \$ and time



The image shows a hand holding a green pen writing in a 'GENERAL LEDGER' table. A blue diagonal stamp with the word 'SAFETY' in red is overlaid on the table. The ledger table has columns for DATE, DESCRIPTION, JOURNAL #, DEBIT, CREDIT, and BALANCE. The account name is 'Cash' and the account number is '001'. Two entries are shown: a check from a friend on 4/20/2015 for \$500.00, and a payment to a friend on 4/21/2015 for \$200.00, resulting in a balance of \$300.00.

GENERAL LEDGER					
ACCOUNT NAME: Cash					
ACCOUNT NUMBER: 001					
DATE	DESCRIPTION	JOURNAL #	DEBIT	CREDIT	BALANCE
4/20/2015	Check from friend	J1	\$ 500.00		\$500.00
4/21/2015	Paying a friend	J1		\$ 200.00	\$300.00

wiki How to Write an Accounting Ledger

Example = actions speak

Safety notes

Safety message

Safety messenger

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If we are serious about...
having a safe workplace,
Then we would...
talk about impairment.

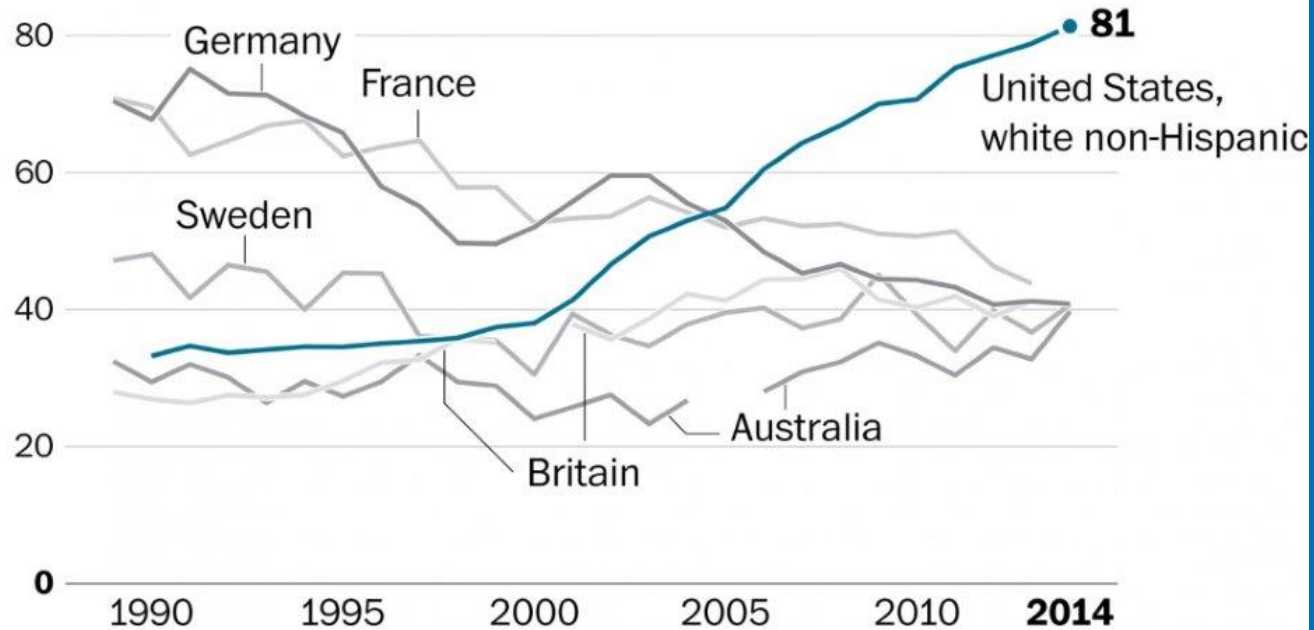
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Middle-aged U.S. whites are bucking a global trend

Overdose, suicide and alcohol-related deaths per 100,000 people ages 50 to 54; U.S. white non-Hispanics vs. general population of other countries



No data for the U.S. in 1989, Britain in 2000, Australia in 2005 and France in 2014

Source: "Mortality and morbidity in the 21st century,"
Anne Case, Angus Deaton, Princeton University.

THE WASHINGTON POST

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If we are serious about...
safety at work and on the road
Then we would...
talk about fatigue.

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U.S. estimates of work-related all-cause injury incidence (per 100 workers) by usual daily sleep

Usual Hours Slept / Day	Number of Workers (NHIS 2004-08)	Percent of Workers	Number of est. Work-related Injuries Annually	Number of est. Workers Annually	Est. Annual Injury Incidence per 100 Workers ¹
< 4.99 h	1,431	1.9	83,730	1,061,759	7.89
5 - 5.99 h	4,407	5.9	172,462	3,310,950	5.21
6 - 6.99 h	17,251	22.9	469,756	12,988,074	3.62
7 - 7.99 h	25,950	34.5	448,458	19,774,245	2.27
8 - 8.99 h	22,604	30.0	413,942	16,571,317	2.50
9 - 9.99 h	2,361	3.1	39,101	1,759,342	2.22
> 10 h	1,267	1.7	41,694	883,551	4.72
Total	75,271	100.0	1,669,142	56,349,239	2.96

¹Includes individuals reporting employment at a job or business and those who had reported usual sleep hours.

(Source: Lombardi DA, Folkard S, Willets JL, Smith GS. Daily sleep, weekly working hours, and risk of work-related injury: US National Health Interview Survey (2004-2008). Chronobiol Int, 2010 Jul; 27(5):1013-30.



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