Indiana Manufacturing Occupational Fatalities

Indiana Department of Labor

Quality, Metrics & Statistics

Elizabeth Friend, Deputy Commissioner

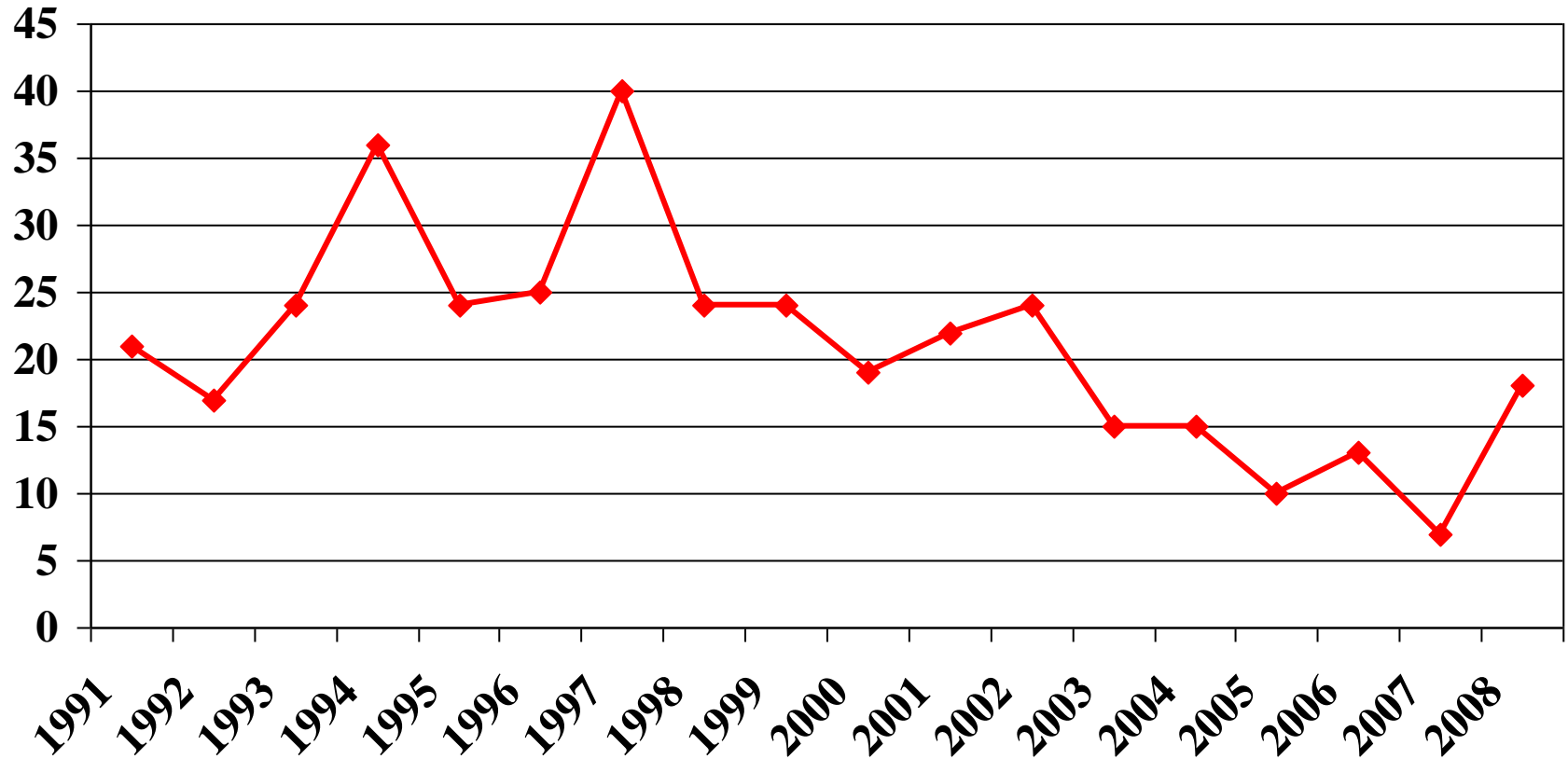October 2009

Indiana Manufacturing Occupational Fatalities
Executive Summary

- There were 18 fatalities in the manufacturing industry in 2008, the highest number since 2002 which had 24.

- 13% of Indiana's Occupational Fatalities were in the Manufacturing Industry in 2008.

- The most common event causing a fatality in a manufacturing environment was contact with objects and equipment.

- Six fatalities occurred in Primary Metals Manufacturing.

- Data used in this report is from IOSHA inspection reports and the Bureau of Labor Statistics' Census of Fatal Occupational Injuries.
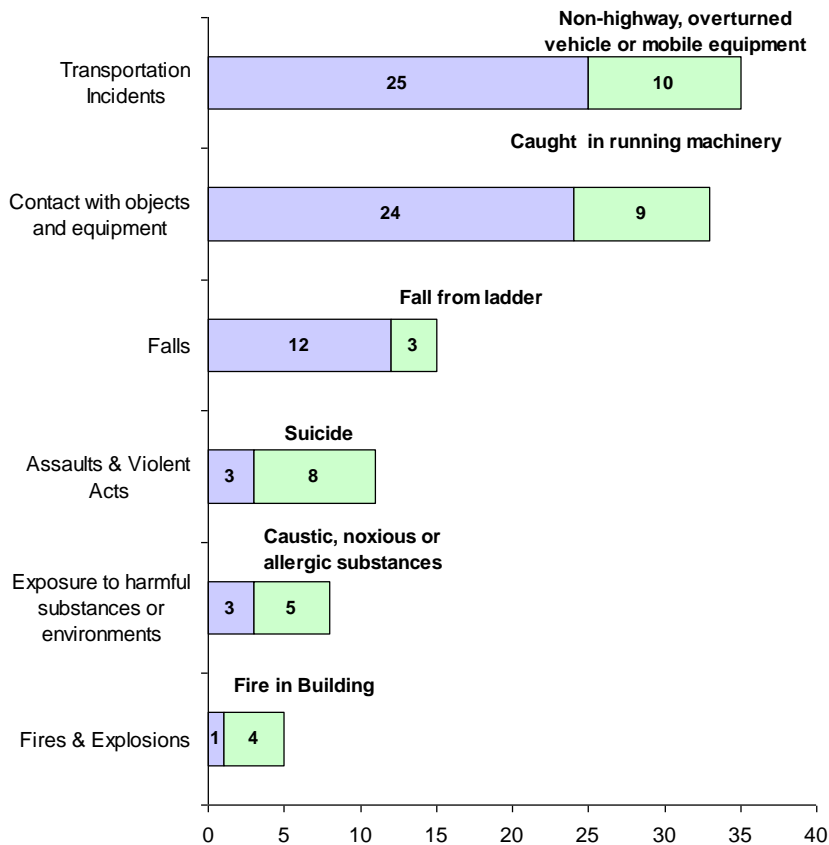
Indiana Manufacturing Occupational Fatalities
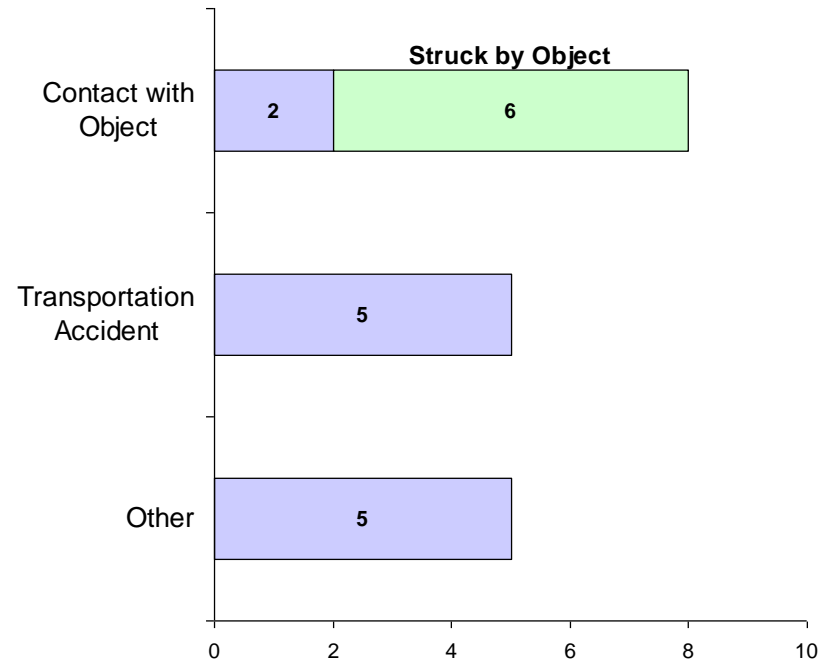## 18 Year Trend

Indiana Manufacturing Occupational Fatalities
Events

2003-2008

Transportation Incidents: 25 | Non-highway, overturned vehicle or mobile equipment: 10

Contact with objects and equipment: 24 | Caught in running machinery: 9

Falls: 12 | Fall from ladder: 3

Assaults & Violent Acts: 3 | Suicide: 8

Exposure to harmful substances or environments: 3 | Caustic, noxious or allergic substances: 5

Fires & Explosions: 1 | Fire in Building: 4

2008 only

Contact with Object: 2 | Struck by Object: 6
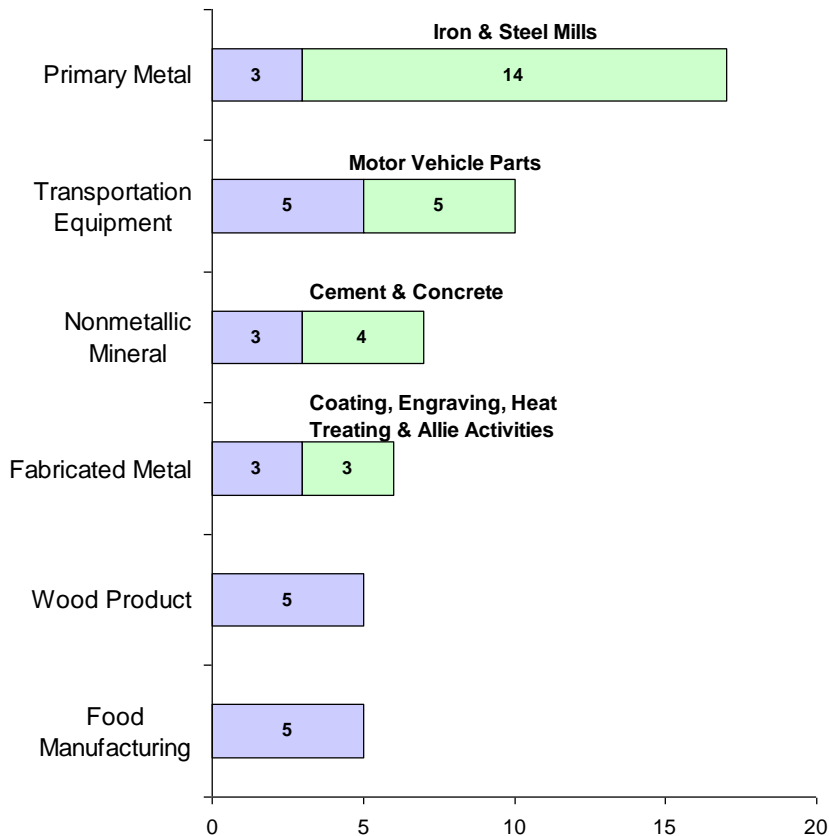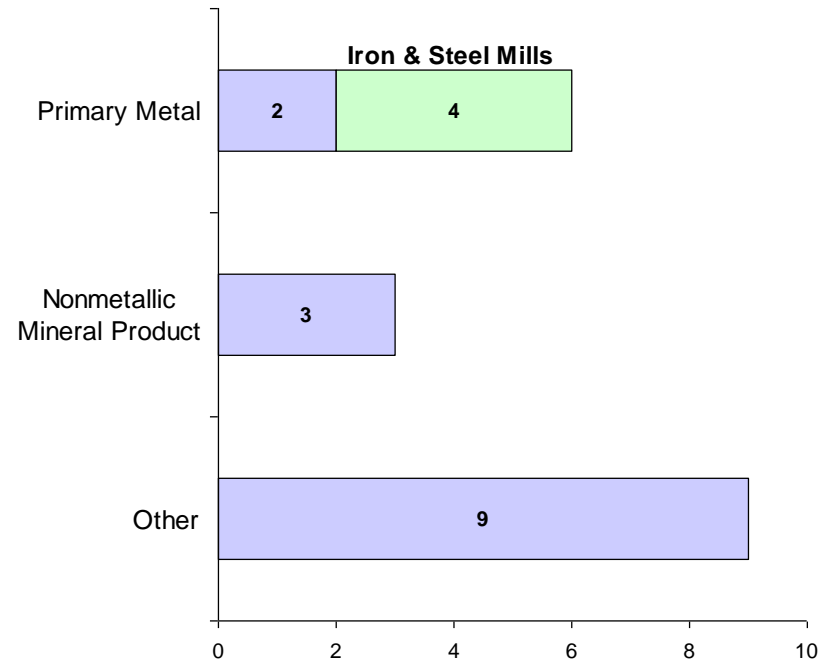
Transportation Accident: 5

Other: 5

Indiana Manufacturing Occupational Fatalities
Industries (with more than 3 fatalities)

2003-2008

2008 only

Indiana Manufacturing Occupational Fatalities
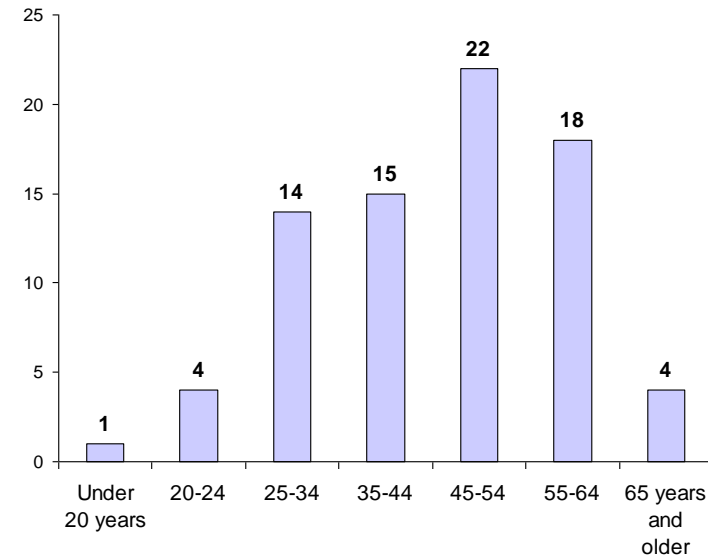# Worker Characteristics (2003-2008)

Race

70	**4**	**3**	**1**
Caucasion	Black	Hispanic	Unknown

Gender

71	**7**
Male	Female

Age group

1	**4**	**14**	**15**	**22**	**18**	**4**
Under 20 years	20-24	25-34	35-44	45-54	55-64	65 years and older
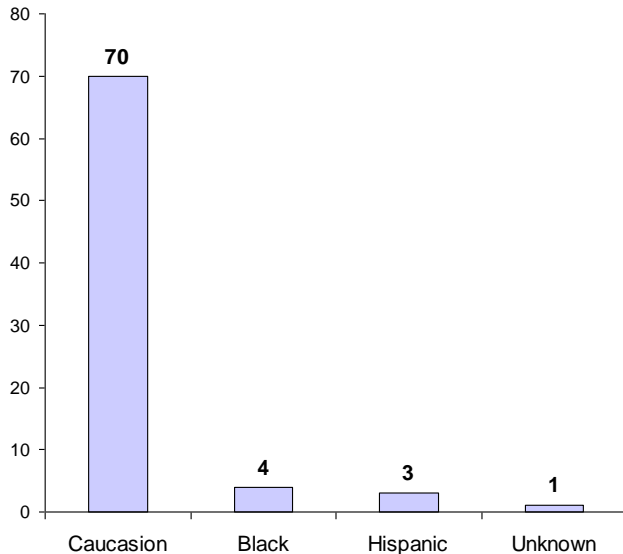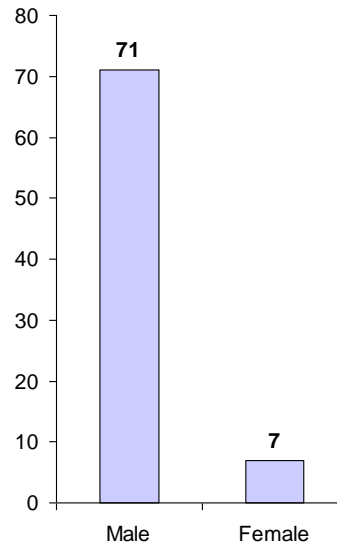
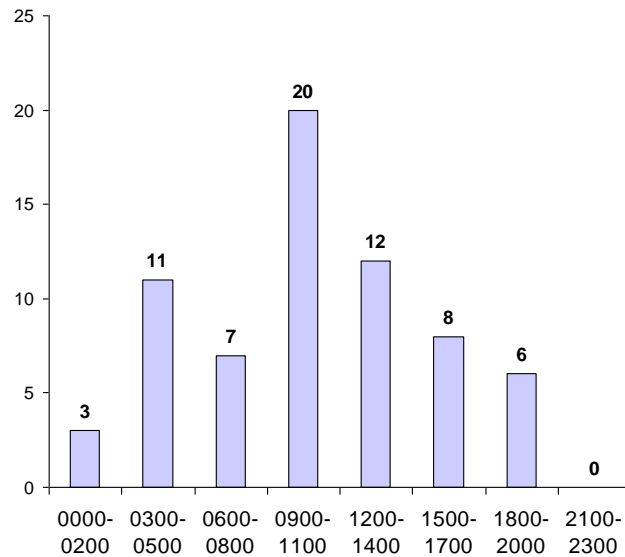### Most Common Fatal Demographics
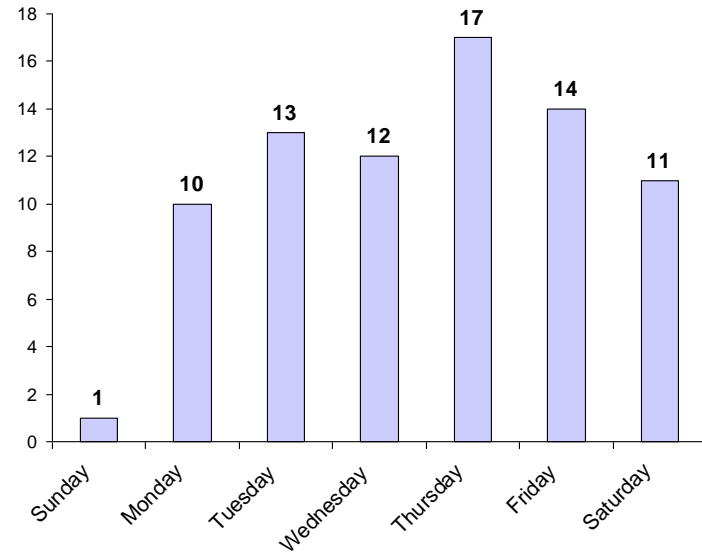
90% Caucasian

91% Men

50% over the age of 47

Indiana Manufacturing Occupational Fatalities
Time of Accident (2003-2008)

<u>Time of Day</u>

<u>Day of the Week</u>

Indiana Manufacturing Occupational Fatalities
2008 IOSHA Investigated

- January 12, Lake County, a 23 year old rail car operator at a steel manufacturer was crushed between an industrial train and another piece of equipment.

- January 16, Porter County, a 25 year old worker at a metal coating plant was struck by a 35,000-pound steel coil being moved by a crane.

- March 13, Wabash County, a 58 year old maintenance technician at a wool manufacturer was overcome by carbon monoxide while working in a baghouse.

- March 24, Lake County, a 55 year old furnace mechanic at a steel mill was crushed by a tundish dryer cover.

- April 25, Decatur County, 54 year old truck driver for a fabricated metal manufacturer was killed when his semi jack-knifed on a highway.

- April 30, Porter County, 60 year old mill wright at a steel mill was struck by a 10,500 pound steel beam which fell after having been placed by a crane.

Indiana Manufacturing Occupational Fatalities
2008 IOSHA Investigated

- □ June 10, Allen County, 39 year old concrete product manufacturer worker was struck by a 750 pound lifting arm of a septic tank.

- □ June 12, Dubois County, a 59 year old employee from an electric sign manufacturer was electrocuted while repairing a sign at a car dealership.

- □ July 7, Marion County, a 45 year old truck driver for a ready-mix concrete manufacturer was crushed by a concrete hopper while cleaning the drum.

- □ September 8, Lagrange County, a 44 year old forklift driver for a recreational vehicle manufacturer fell 20' while unloading ladders which he had lifted to a higher level .

- □ October 15, St. Joseph County, a 49 year old foundry worker was struck by a piece of scrap metal.

- □ November 22, Wabash County, a 24 year old maintenance worker at a foundry was struck by a melt furnace when the jack slopped during repair.

Fatalities in the manufacturing industry not investigated by IOSHA includes homicides, suicides and highways vehicle accidents.

Other Manufacturing Safety Information

October 2008 – September 2009

- 234 inspections by IOSHA at manufacturing establishments
- 1,062 Citations written
- $297,658 in penalties paid
- Most frequent standards cited:
    - 1910.1200 Hazard Communication (91)
    - 1910.134 Respiratory Protection (90)