

## 2007 Indiana Work-related Fatalities: A review of 2007 CFOI (Census of Fatal Occupational Injuries) data

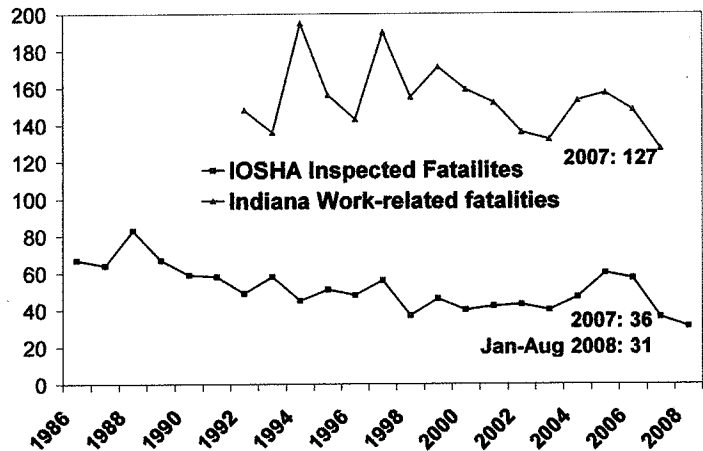
### What is CFOI?

CFOI is the Census of Fatal Occupational Injuries administrated by the Bureau of Labor Statistics (BLS). Indiana participates in the collection of the data through a grant and because of our participation we have access to state level data not enjoyed by non-participatory states. Joe Black and Linda Parks are the IDOL employees who collect the data for Indiana.

For a fatality to be included in the census, the decedent must have been employed at the time of the event, engaged in a legal work activity, or present at the site of the incident as a requirement of his or her job. Fatalities that occur during a person's normal commute are excluded from the census.

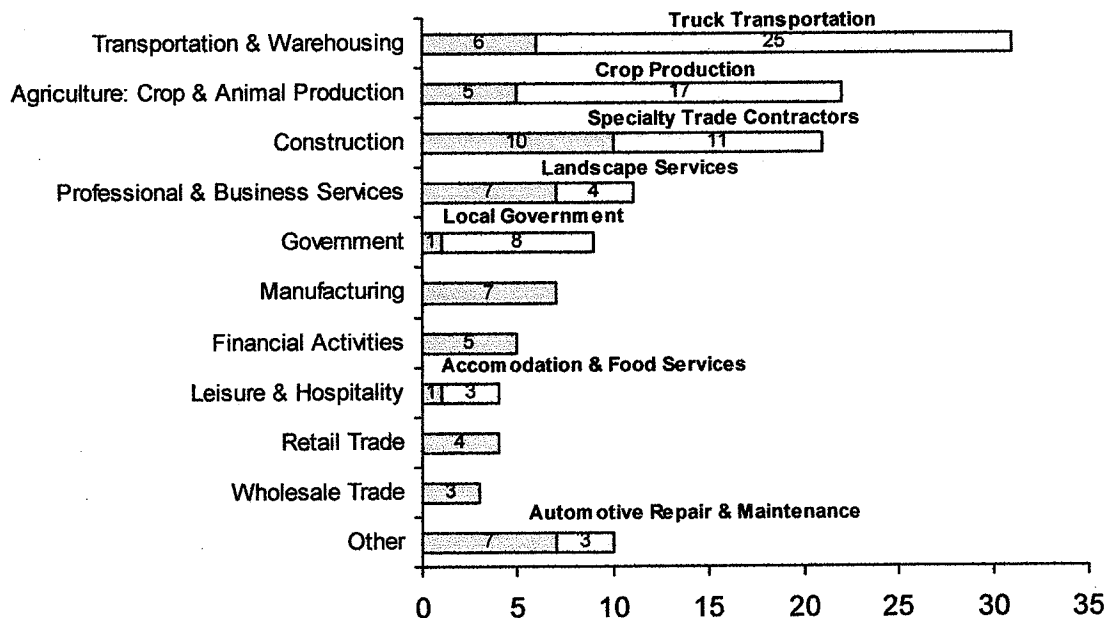
### How many fatalities were there in Indiana?

In 2007 IOSHA investigated 36 fatalities while CFOI reported **127 fatalities**. Both counts are the **smallest numbers reported** by IOSHA counts and by the CFOI since its inception in 1991. The discrepancy between the two is normal considering the limited jurisdiction of OSHA. The CFOI includes data for all fatal work injuries, whether the decedent was working in a job covered by OSHA or other Federal or State agencies or was outside the scope of regulatory coverage.



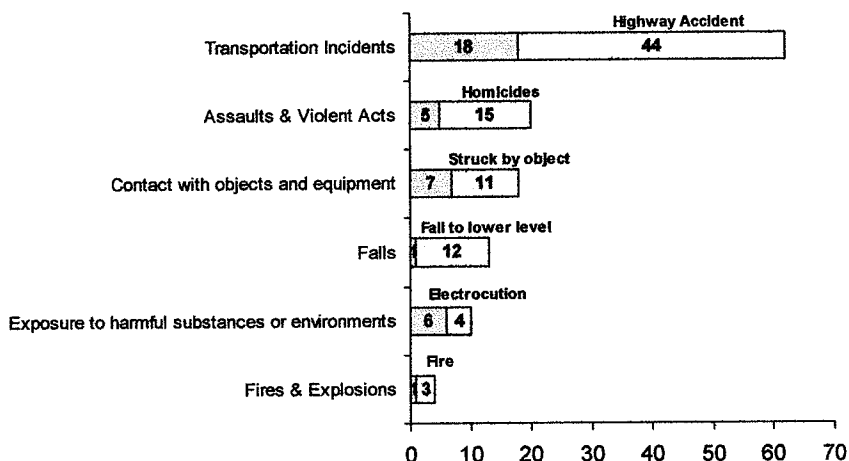
### Which Indiana industries have the most fatalities?

The **Transportation & Warehousing** Industry as defined by the NAICS coding system has 24% of the fatalities, most occurring in the **Truck Transportation** industry. This is followed by the **Agriculture** Industry with 17.3% and then **Construction** with 16.5% of fatalities. Historically, Manufacturing has been included as one of the common industries for fatalities but in 2007 it was responsible for only 5.5%. Nationally, Construction has the largest number of fatalities with 21% followed by Transportation & Warehousing with 15% (same as 2006).



### How are workers killed?

Nearly half of all fatal events are **transportation** related (49%). This means that they involved a motor vehicle, plane, train, boat or piece of mobile equipment. Seventy-one percent of transportation events were accidents occurring on a highway. This is followed by **Assaults & Violent Acts** (16%) and **Contact with Objects** (14%).



### What occupations have the most fatalities?

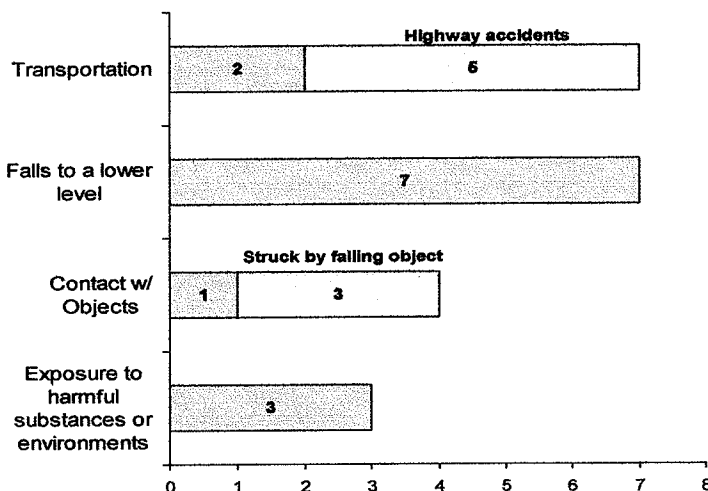
The occupation in Indiana with the most fatalities is **Truck driver, heavy & tractor trailer** with 28. The next two occupations are **Farmers** (14) and then **Construction laborers** (14). Forty-six percent of Indiana fatalities are in these 3 occupations.

### Who is killed on the job?

A work related fatality victim is statistically a male (94%), Caucasian (89%) over the age of 45 (60%) and works for an employer (78%).

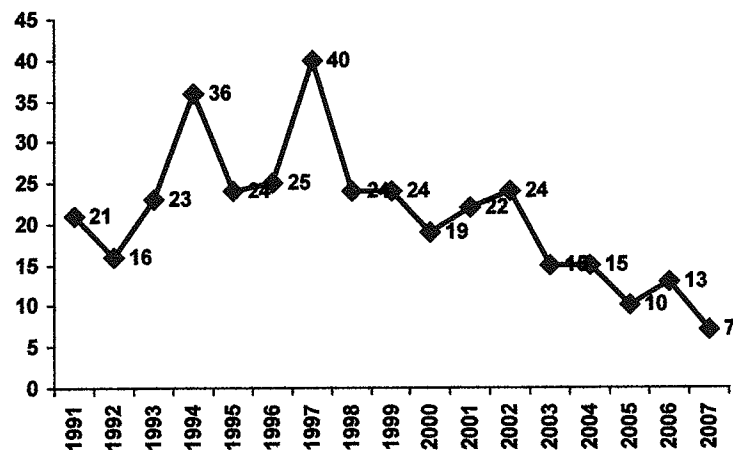
### What about Construction?

21 construction industry workers were killed in 2007 since 1991 Indiana has averaged 25 fatalities per year. The most killed were 32 ('96 & '00) and the least was 14 ('92). There are a variety of events, sources and natures associated with construction fatalities. There were no particular events that stuck out in 2007. The most frequent events are falls to a lower level (from a roof, ladder, etc) and highway accidents.



### What about Manufacturing workers?

Manufacturing continues to show a decline in fatalities. In 2007 the fewest number of workers were killed in the manufacturing industry with 7. There are no discernable events or trends save the common vehicle related events.



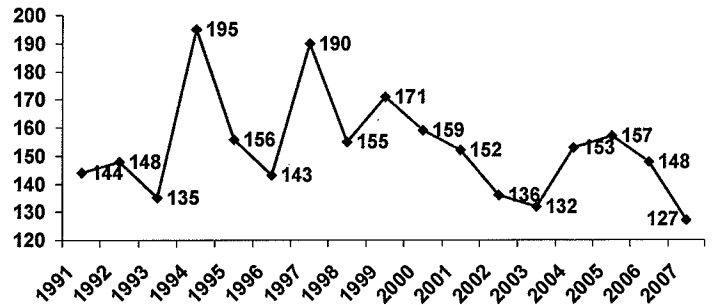
### Final Notes

This information is based on the raw number of workers killed in Indiana. The rates of workers killed in each industry is different. Rates for 2006 and 2007 are not yet available. Also what injures workers and what kills workers are different. The data for 2007 Occupational Injuries and Illnesses will be released in October. If you have any questions or comments please contact Elizabeth Friend (232-2685 or [efriend@dol.in.gov](mailto:efriend@dol.in.gov))

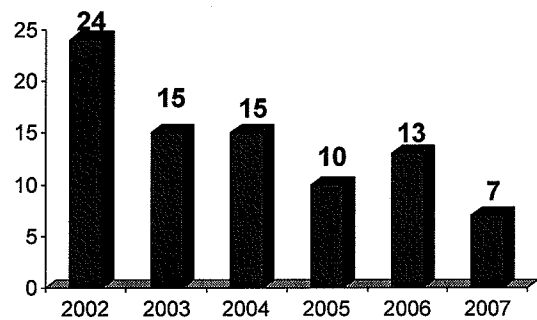
2007 CFOI Press Release Information  
Bureau of Labor Statistics Census of Fatal Occupational Injuries

- This morning the Bureau of Labor Statistics released data reporting the total number of workplace fatalities in 2007. Other detailed numbers regarding injuries and illnesses will be released in October this year.
- In Indiana, the number of workplace fatal injuries is the lowest reported since CFOI began in 1991. A total of 127 Hoosiers suffered a fatal injury while working in 2007, 21 less than in 2006. This is a decrease of 14% over 2006 and a decrease of 35% from the high of 195 in 1994. This decrease is despite an increase in the number of Hoosier workers.
- Workplace fatalities in the manufacturing industry decreased in 2007. With seven fatalities, 2007 saw a 46% reduction in workplace fatalities over 2006 and a 55% reduction over the previous five-year average.
- For the second year in a row fatalities in the construction industry decreased. 2007 saw 6 fewer fatalities than 2006, representing a 22% reduction. Construction is the third most common industry for worker fatalities with 21. The leading industries are Transportation & Warehousing with 31 fatalities and Agriculture with 22 fatalities.
- Significantly, workplace deaths from transportation related events (the leading cause of workplace deaths in Indiana) had a 17% decrease over 2006. This is the first decrease in this area since 2002.
- Despite an increase in the Hispanic working population in Indiana there was no increase in the number of Hispanics fatally injured in 2007. The Indiana Department of Labor has focused on this minority group by hiring a bilingual safety consultant and compliance officer and offering safety classes in Spanish.
- A further analysis of fatality data will be available on August 22 at [www.in.gov/dol/stats](http://www.in.gov/dol/stats) or through the Publication link at [www.in.gov/dol](http://www.in.gov/dol).

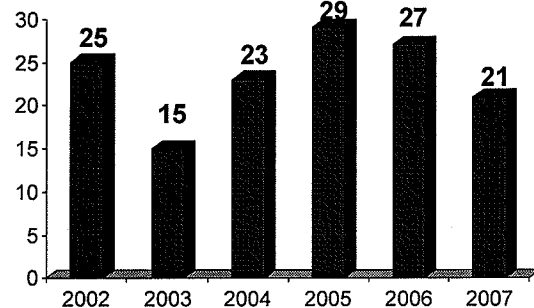
**Indiana Fatalities**



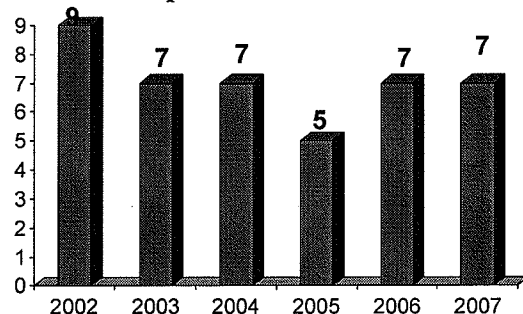
**Manufacturing Fatalities**



**Construction Fatalities**



**Hispanic/Latino Fatalities**



# CFOI Highlights

- 127 Fatal Injuries. Nine (21) fewer deaths than in 2006, a 14% decrease.
- Top industries:
  - Transportation & Warehousing (31)
  - Agriculture (22)
  - Construction (21)
  - Professional & Business Services (11)
- Top three events
  - Transportation Incidents (62)
  - Assaults and Violent Acts (20)
  - Contact with Objects (18)
- Significant Industry decreases
  - Manufacturing: 13 in 2006 7 in 2007 - 46% decrease
  - Construction: 27 in 2006 21 in 2007 - 22% decrease
- 2007 Worker characteristics
  - 94% men                    6 women
  - 89% white                 6% latino/hispanic 4% black
  - Most common age bracket is 45-54 year olds with 28%
  - 22% of workers were self-employed

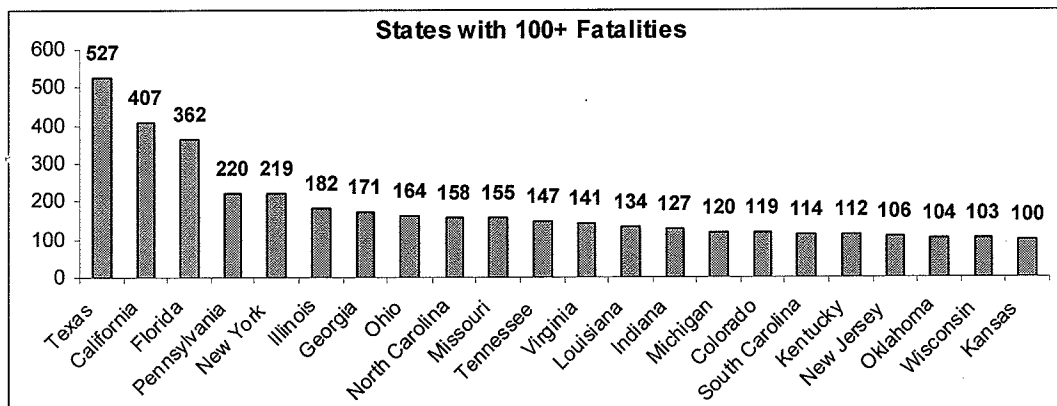
## National Comparison

- US fatalities decrease 6% from 2006 to 2007 (from 5,840 in 2006 to 5,488 in 2007). Indiana fatalities decreased 14% (148 to 127). 30 states had decreases in the number of fatalities.
- Construction is the #1 Industry with fatalities in the US. In Indiana the industry with the most fatalities is Transportation and Warehousing

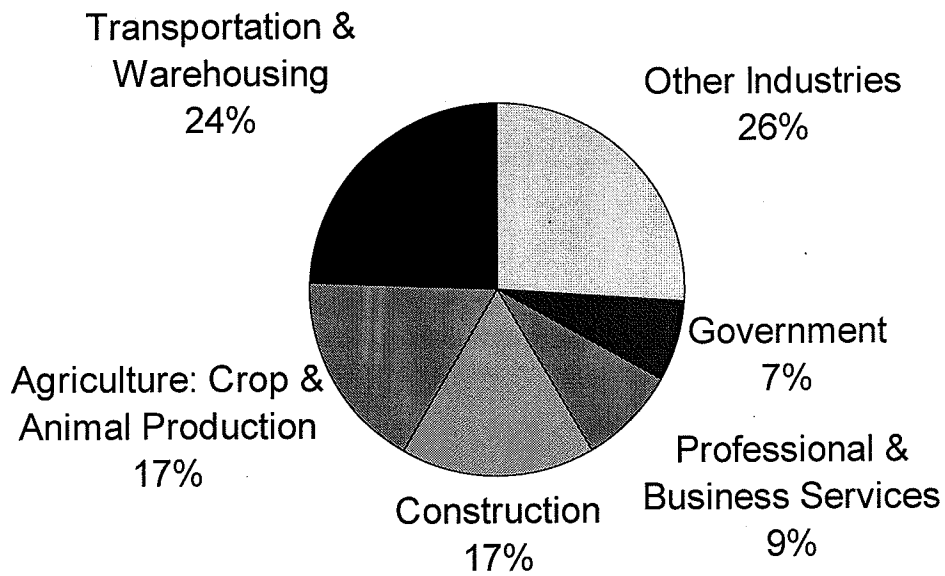
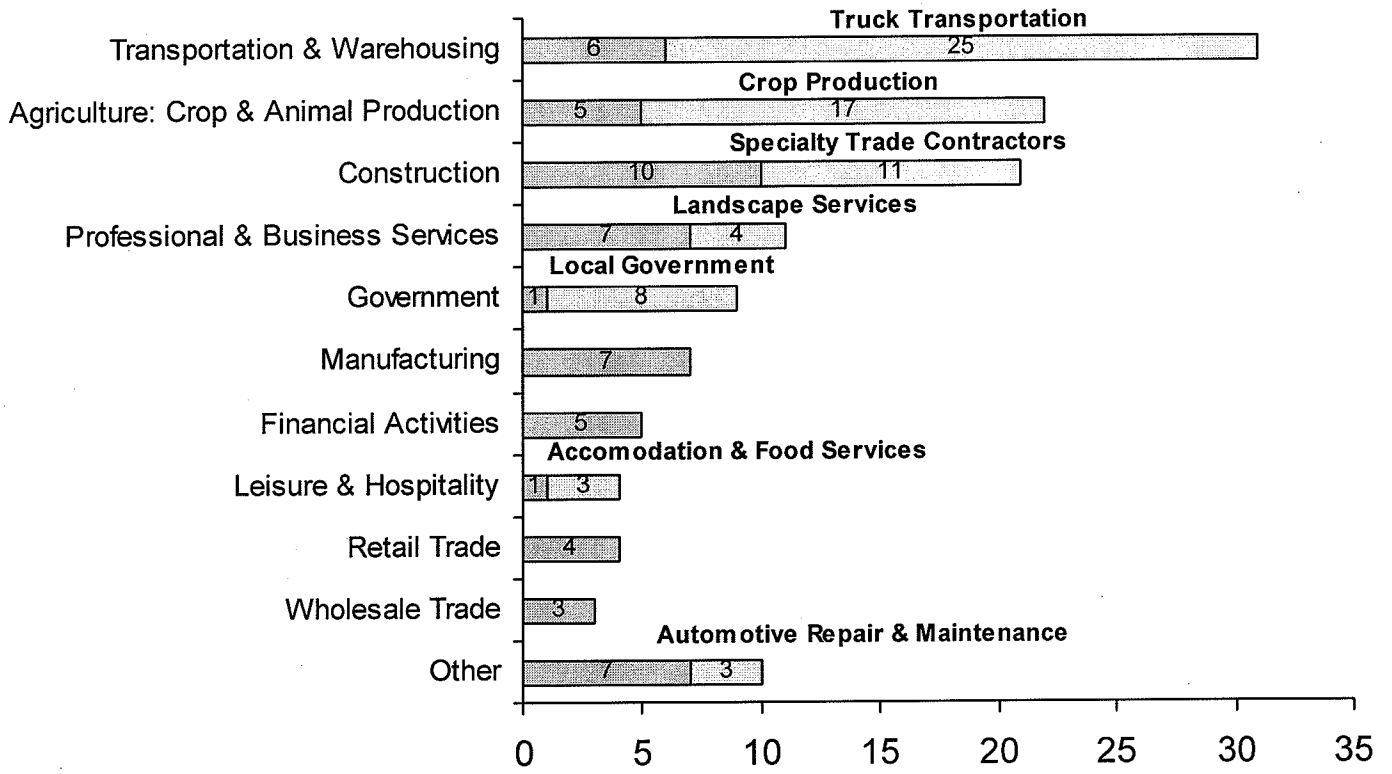
Industry	US
Construction	1178
Transportation & Warehousing	836
Agriculture, forestry, fishing & hunting	573
Government	532
Professional & Business	465
Manufacturing	392

Industry	IN
Transportation & Warehousing	31
Agriculture, forestry, fishing & hunting	22
Construction	21
Professional & Business	11
Government	9
Manufacturing	7

- In 2007 Indiana was #14 for the **raw number** of fatalities by state. (Texas is #1 with 527 fatalities and the low was Rhode Island with 5). Rates by state are unavailable.

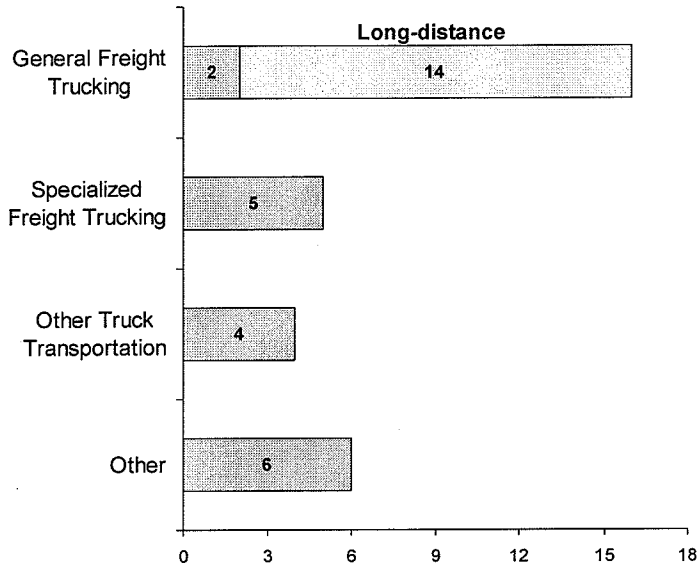


# Industry

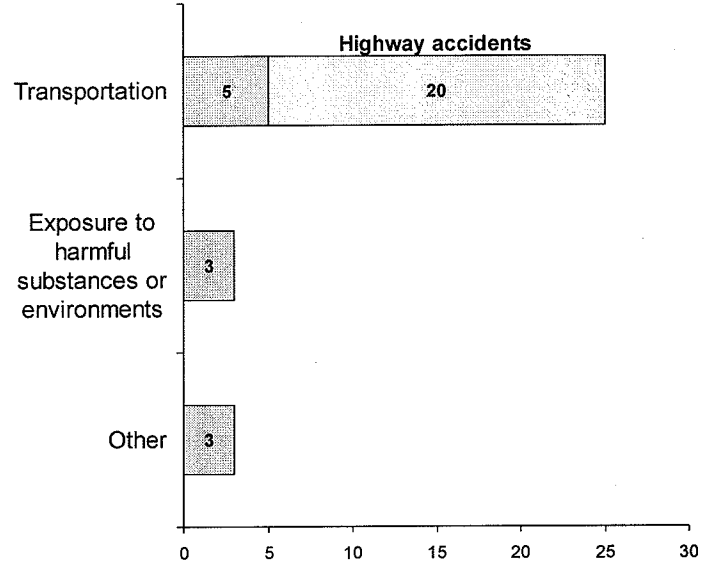


# Transportation & Warehousing Industry

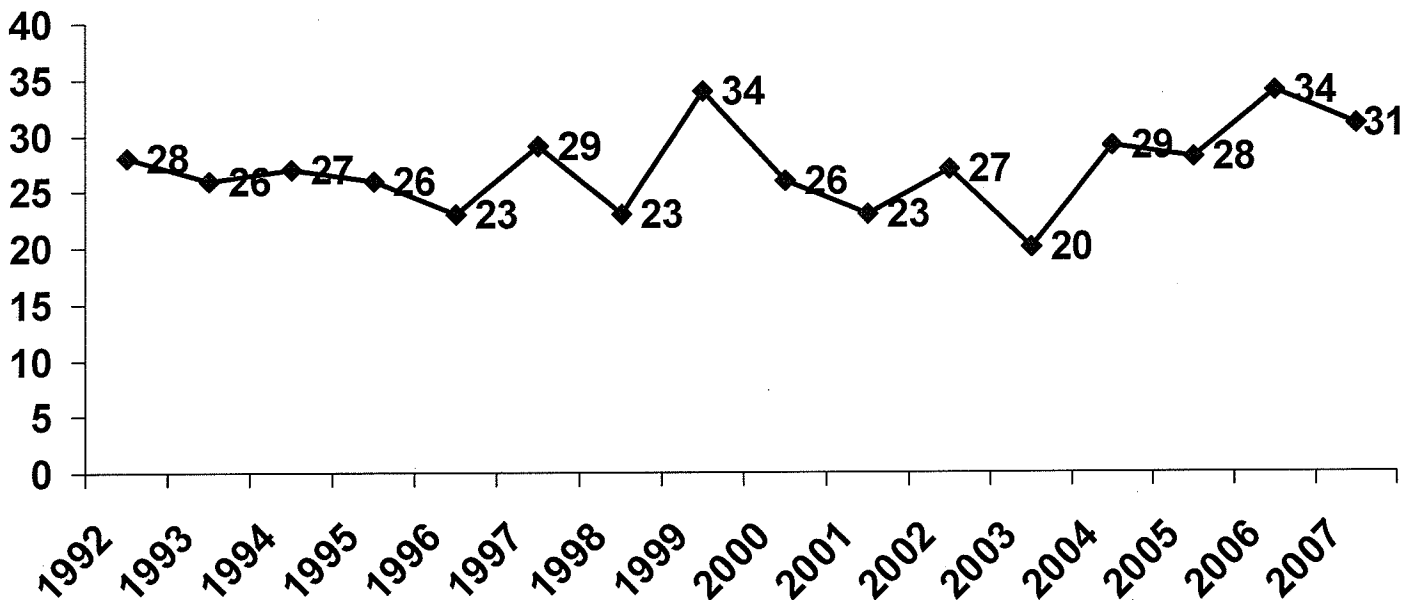
## Sub-Industry Fatalities



## Fatal Events

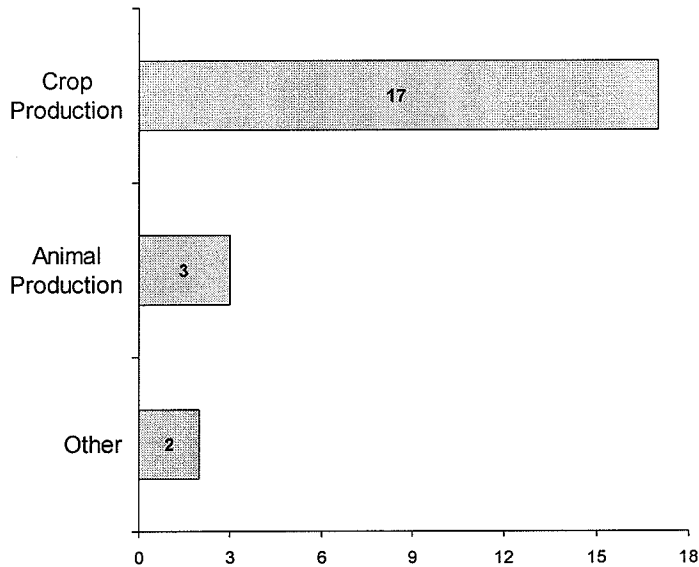


## 16-year Trend

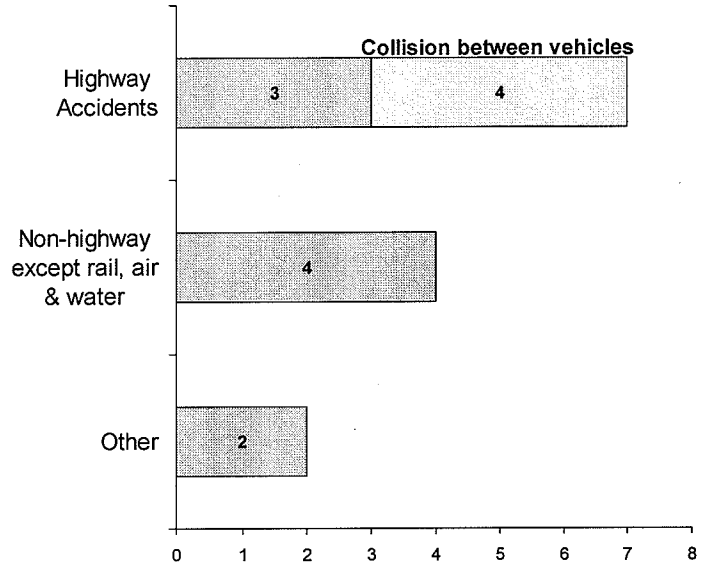


# Agriculture Industry

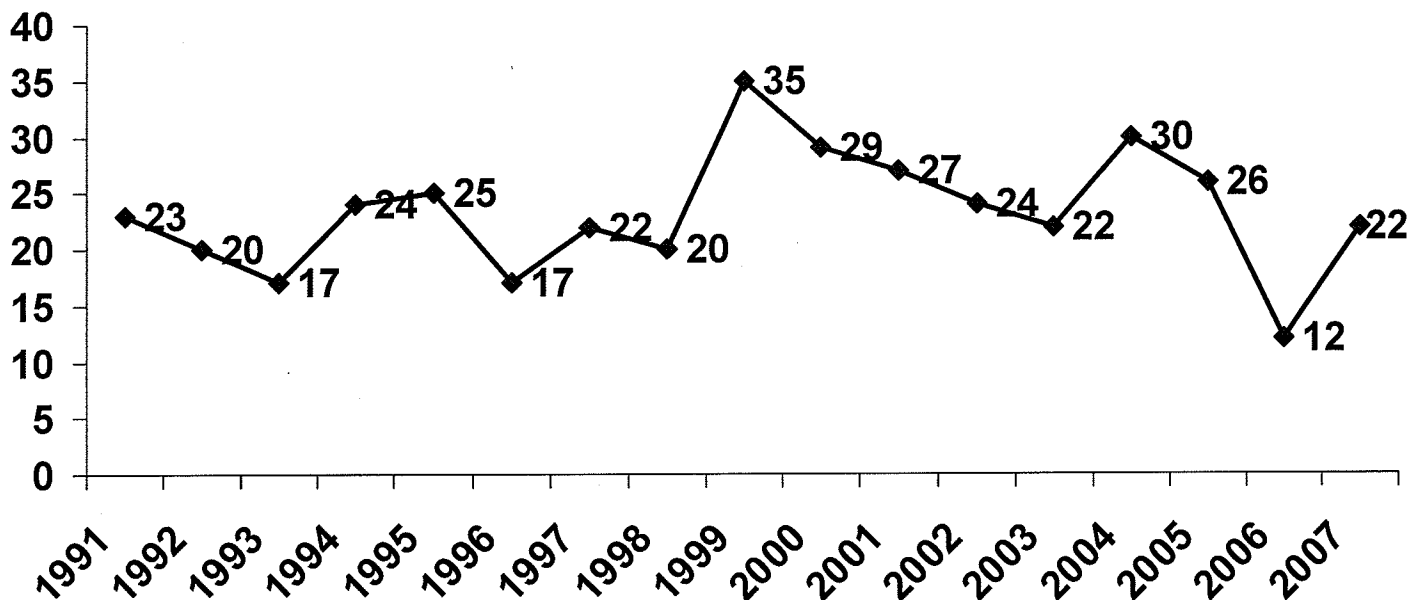
## Sub-Industry Fatalities



## Fatal Events



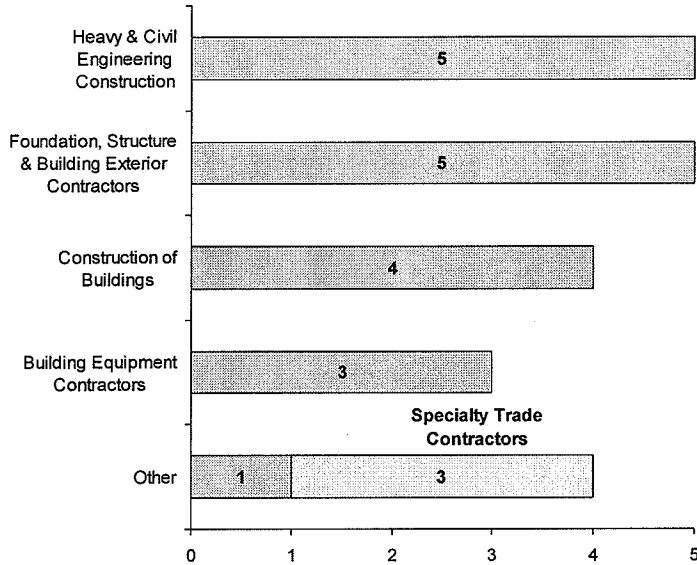
## 17-year Trend



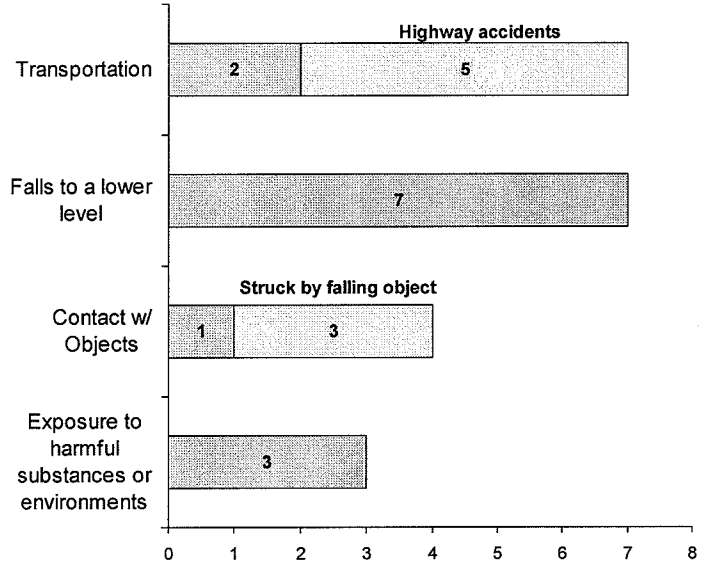
- 22 (less than the Purdue report of 24) this just below the decade average of 24.
- By occupation there are 17 farmers (farm managers) and 3 agriculture workers
- 19 were self-employed
- Tractors were the primary source for injury in 5 fatality cases

# Construction Industry

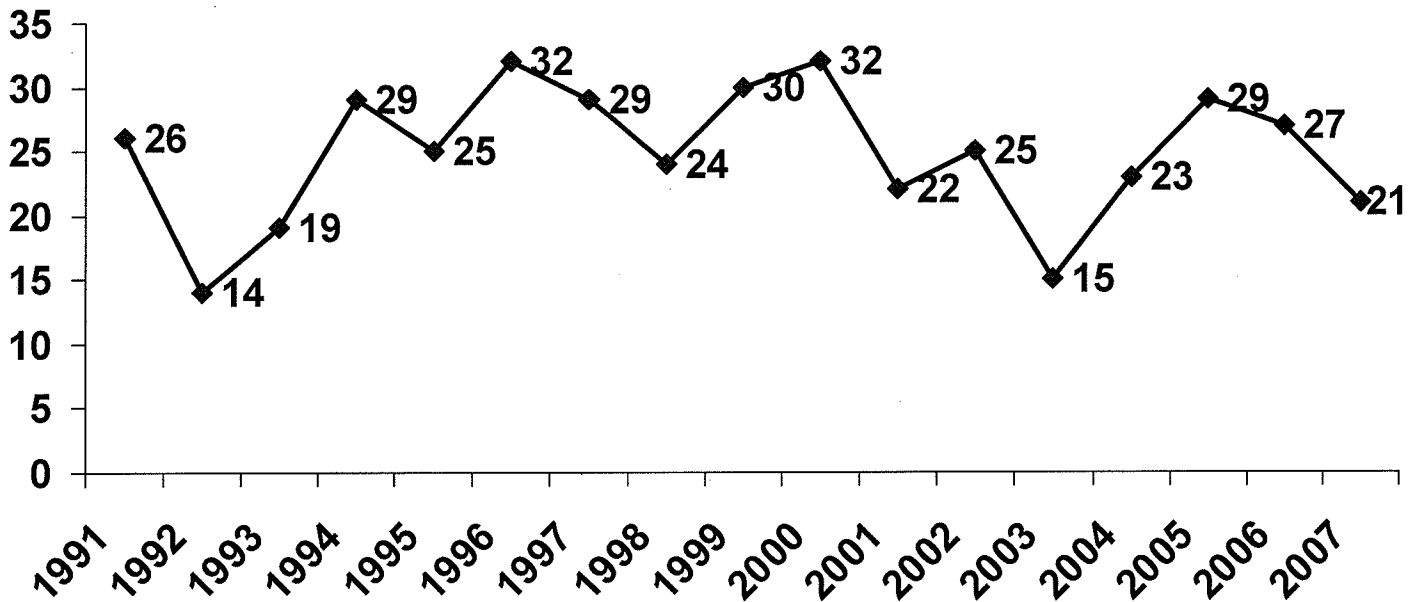
## Sub-Industry Fatalities



## Fatal Events



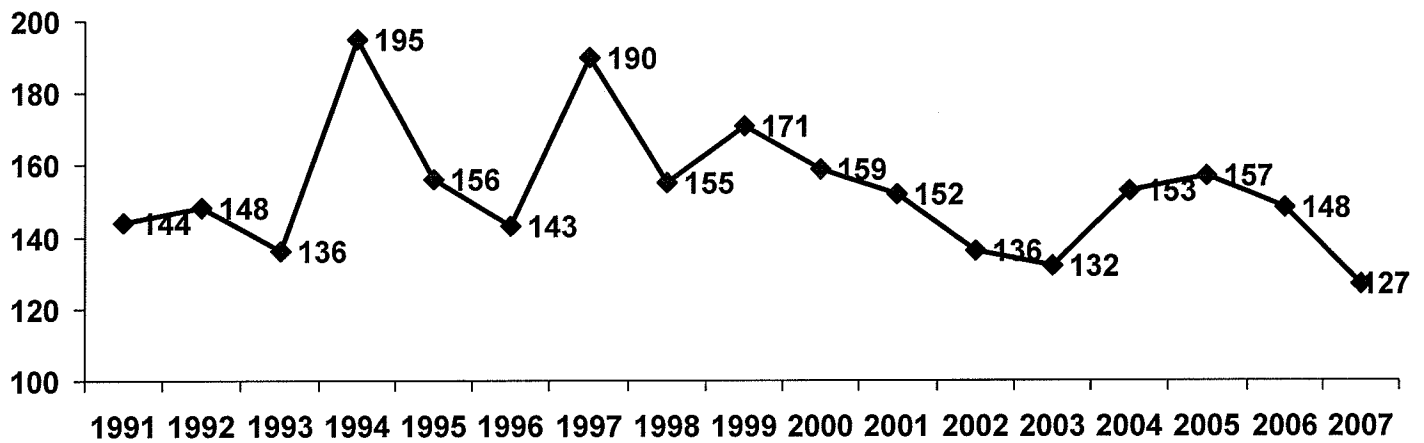
## 17-year Trend



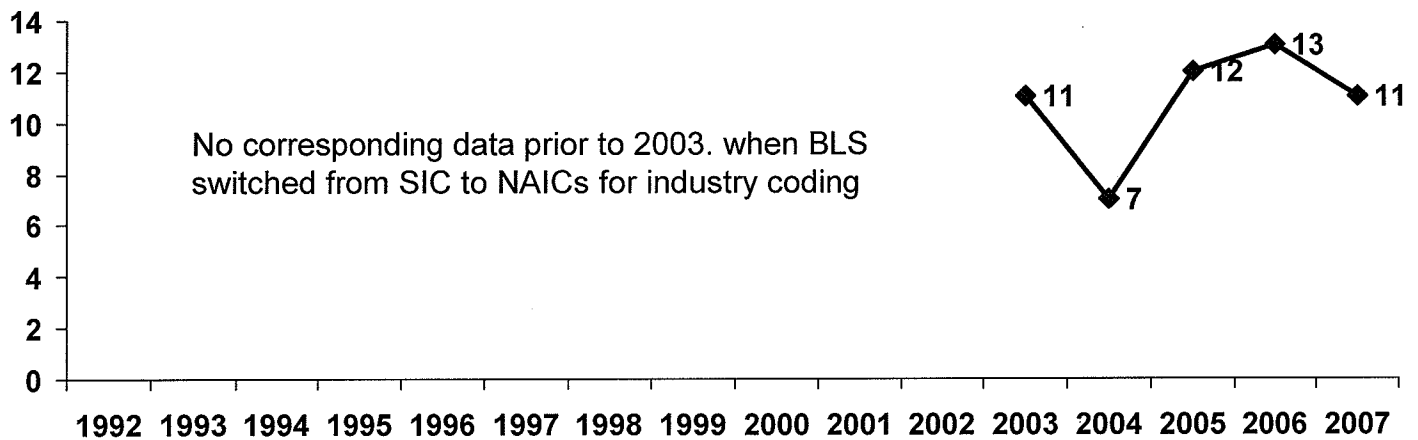
- In the past 10 years Construction has averaged 26 fatalities per year. 2007 is 20% below this average.
- The most recent high fatality count for construction was 32 in the year 2000.

# Other Industry Trends

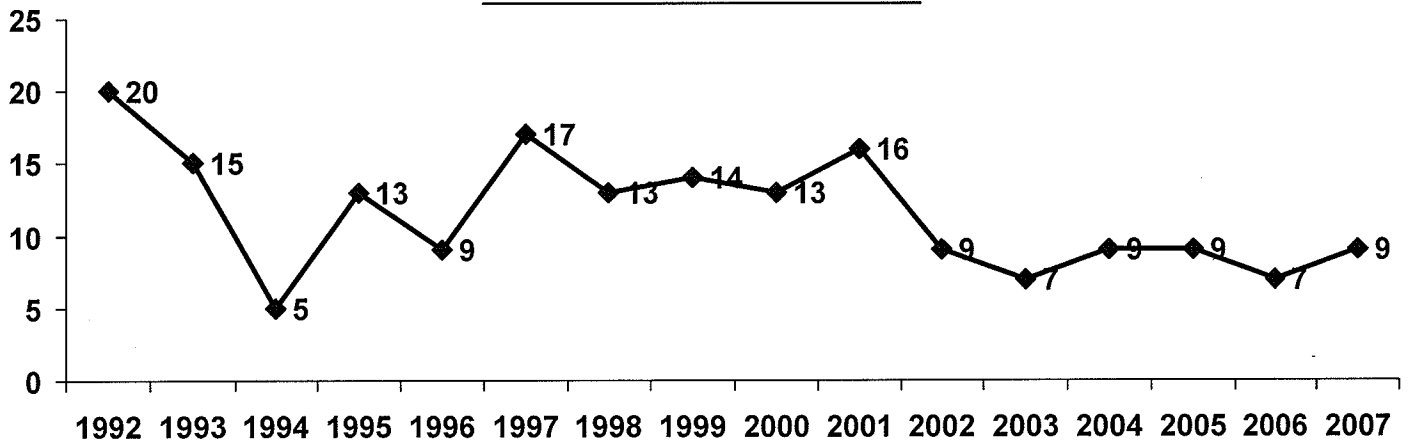
Indiana Total



Professional & Business Services

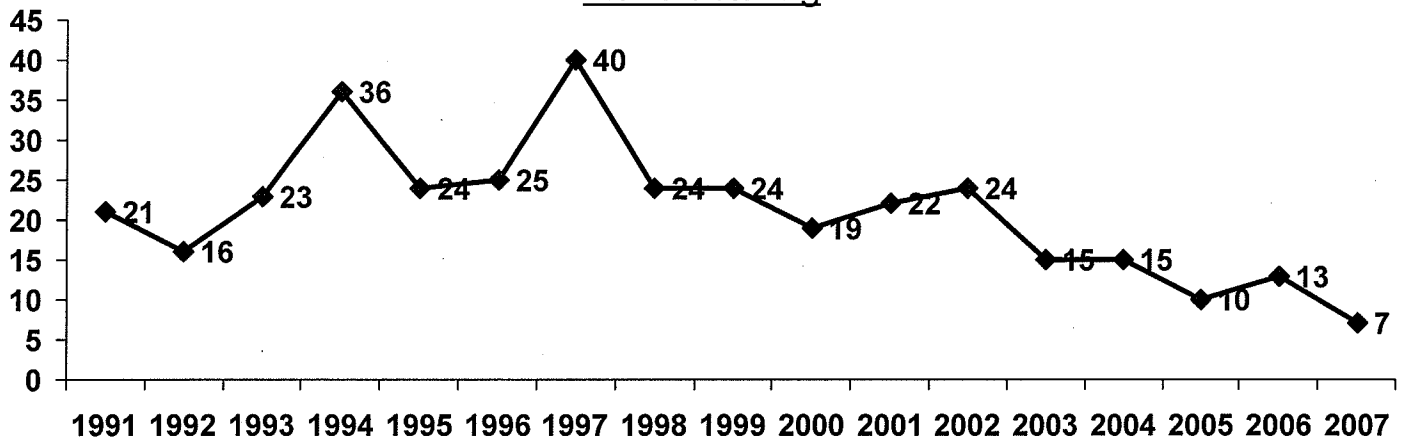


State & Local Government

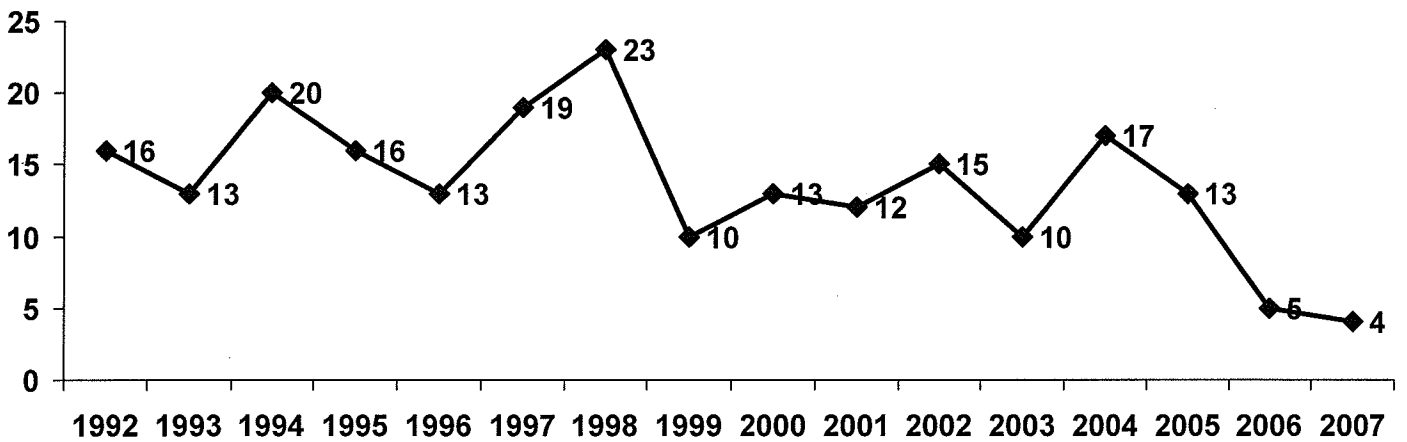


# Other Industry Trends

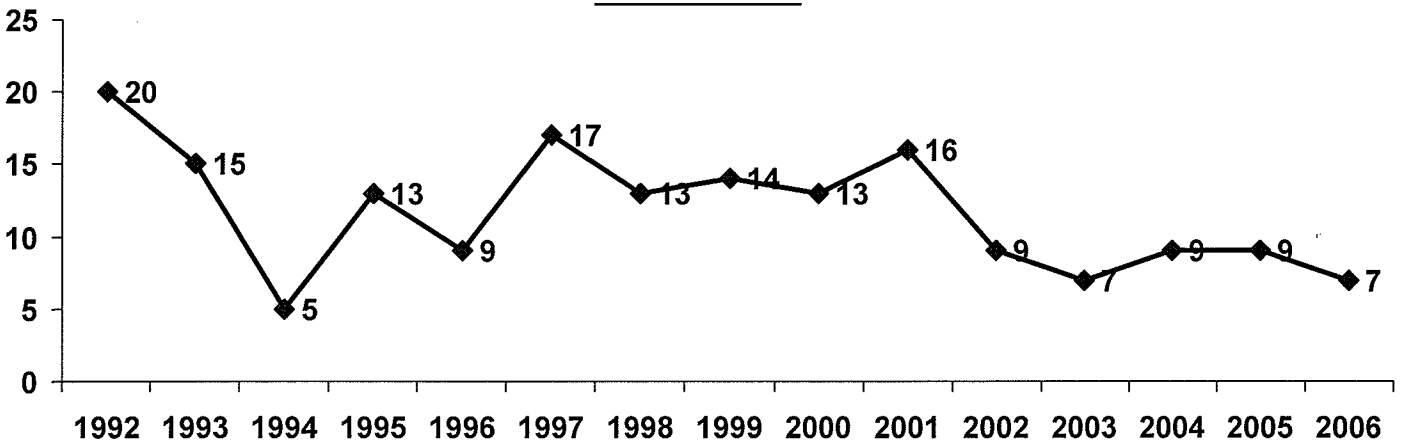
## Manufacturing



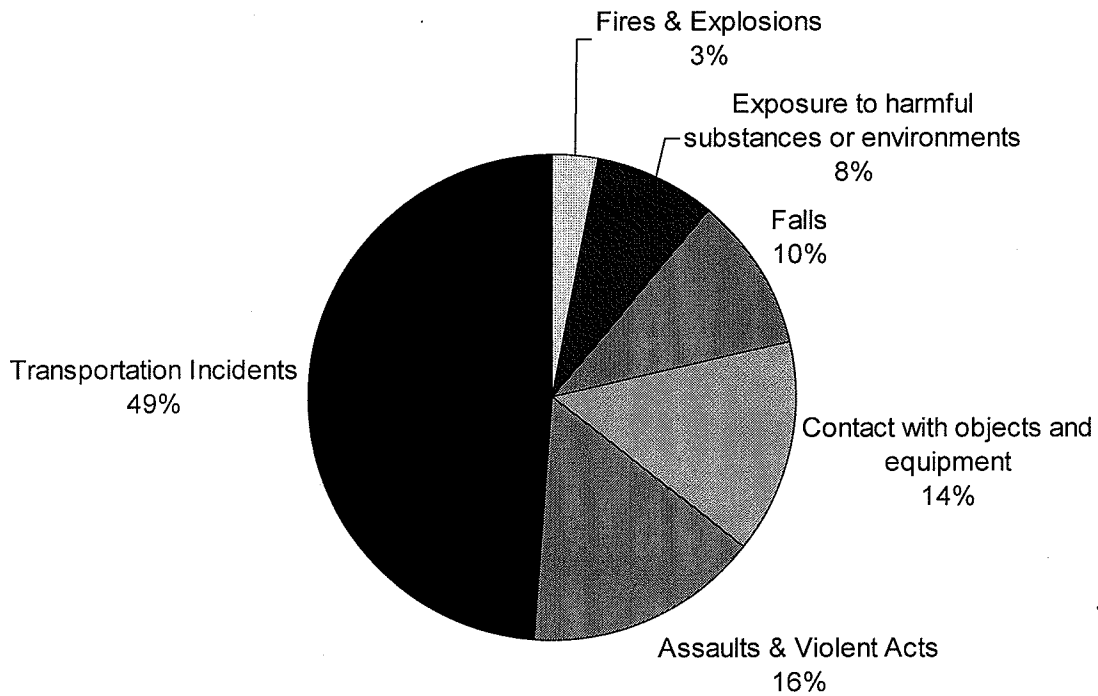
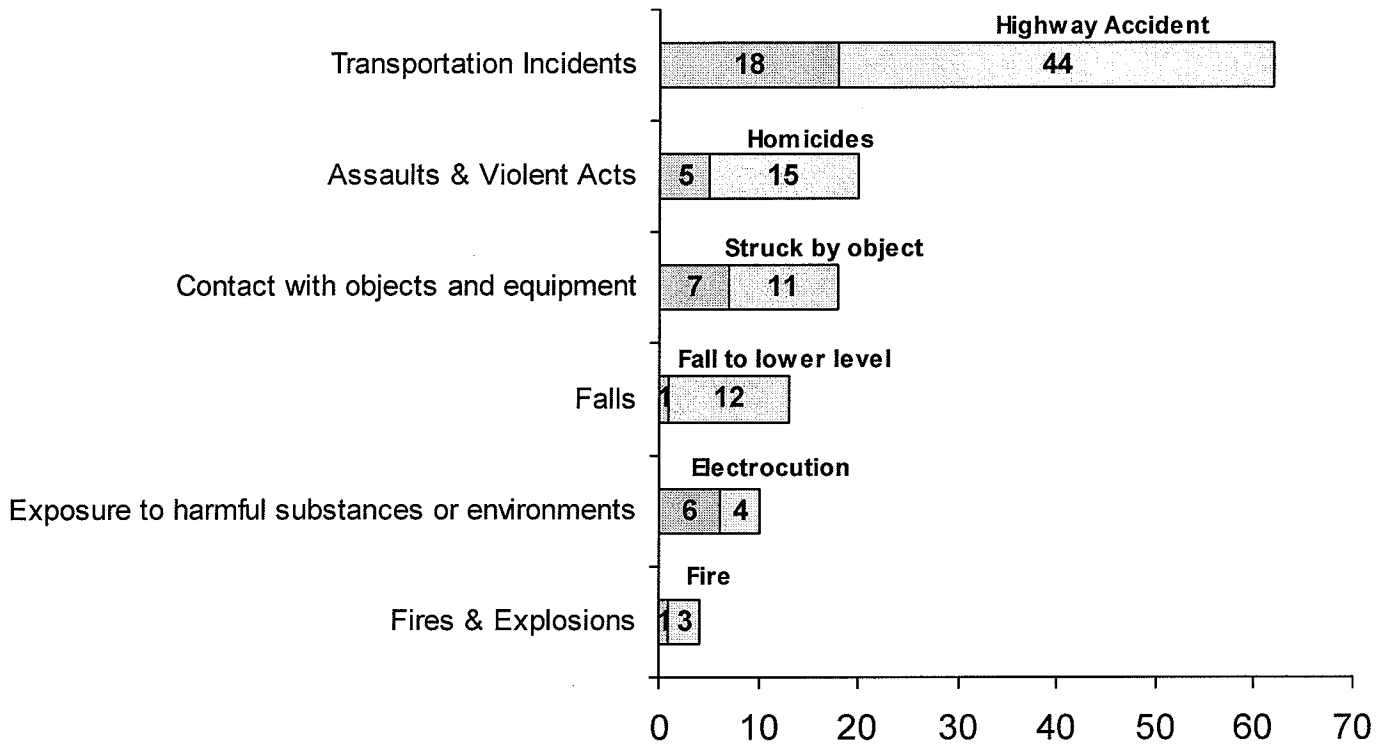
## Retail Trade



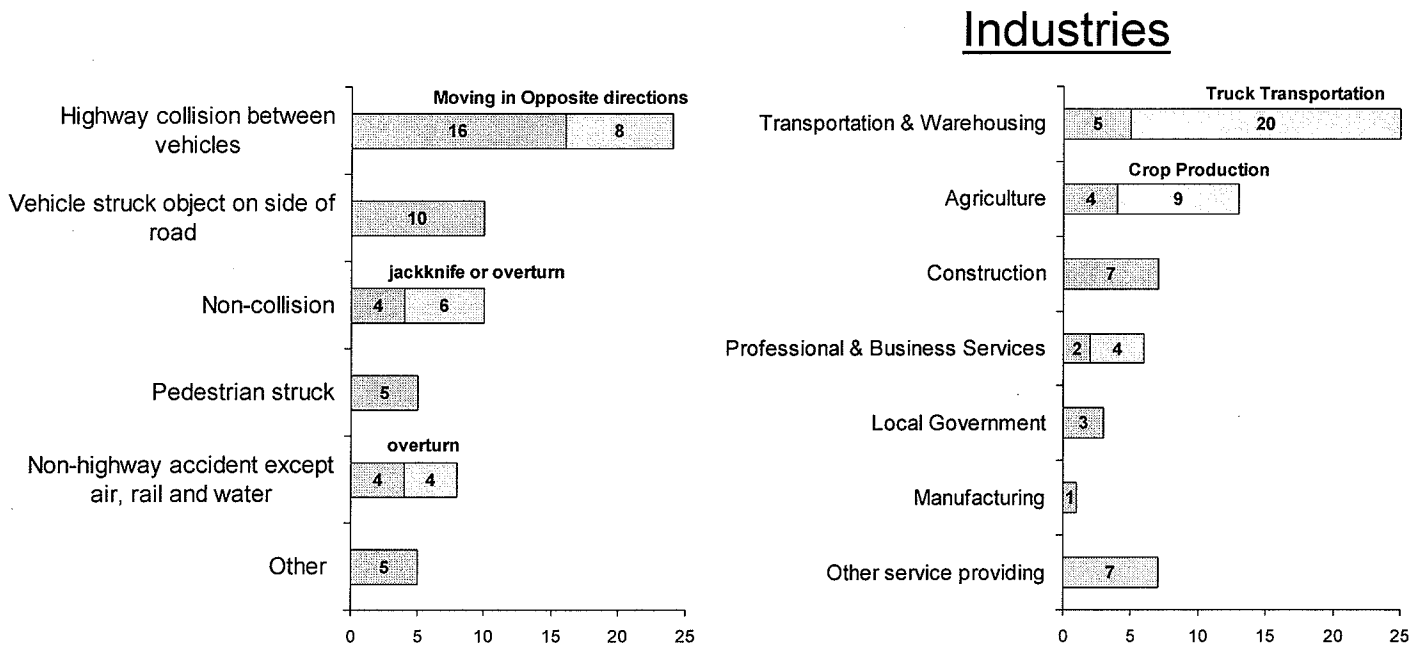
## Government



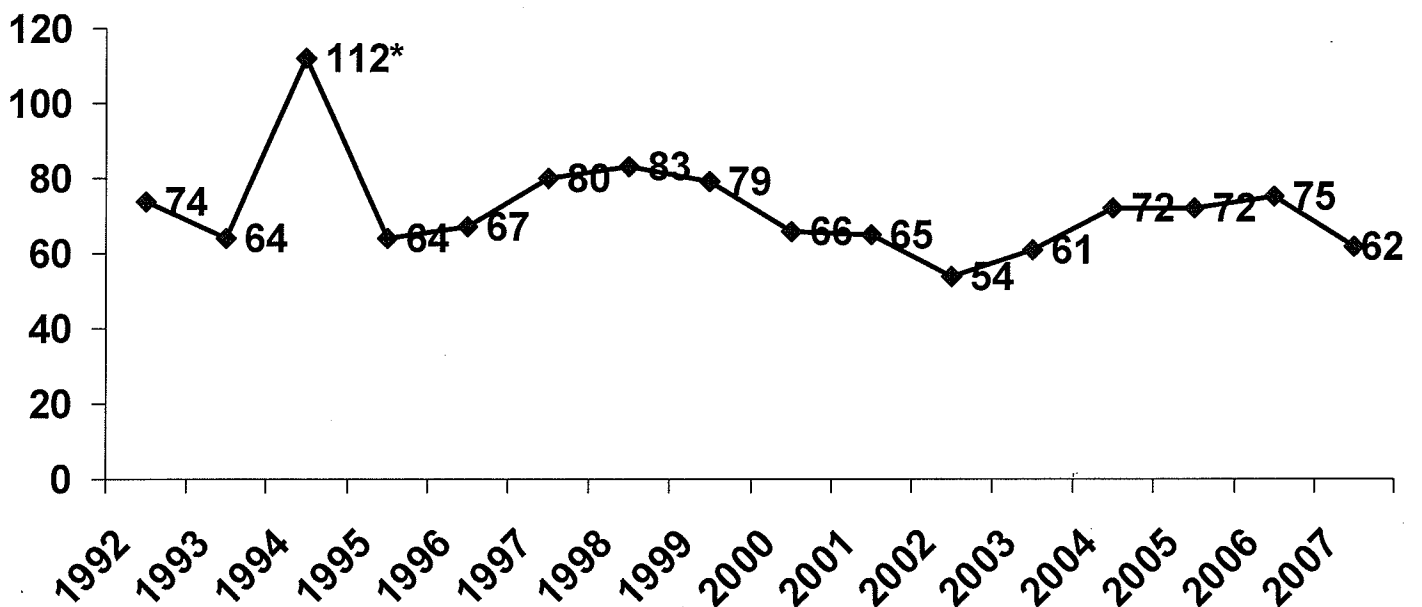
# Events



# Transportation Events



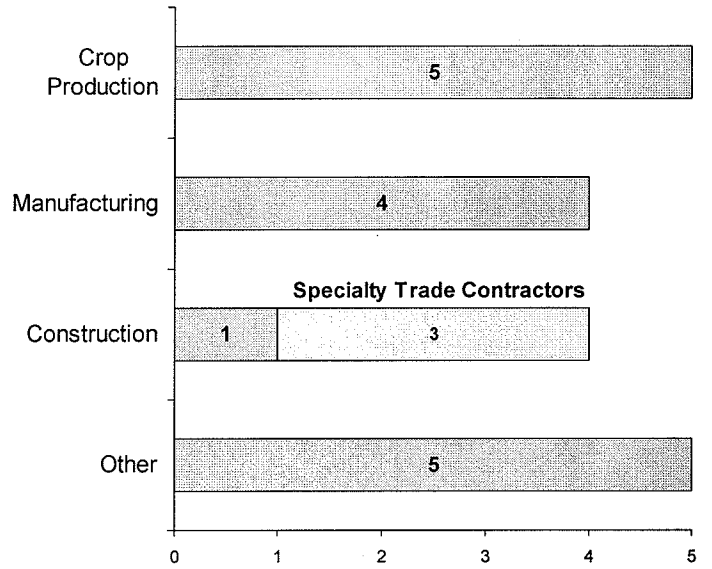
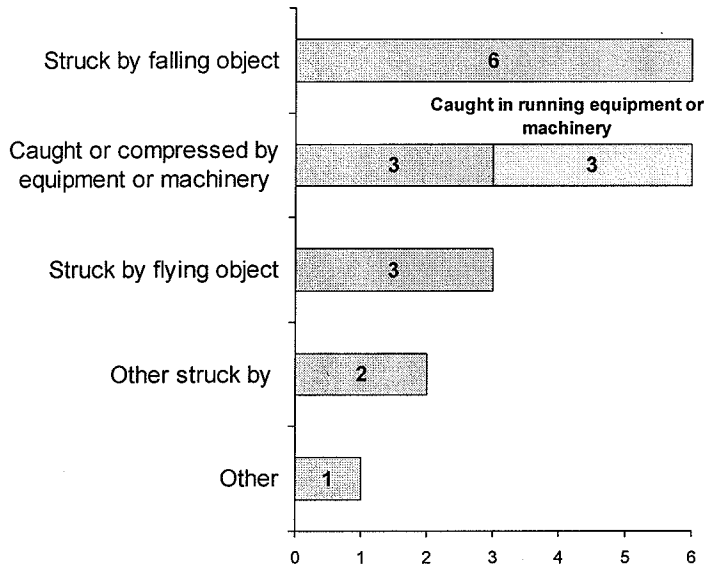
## 16-year Trend



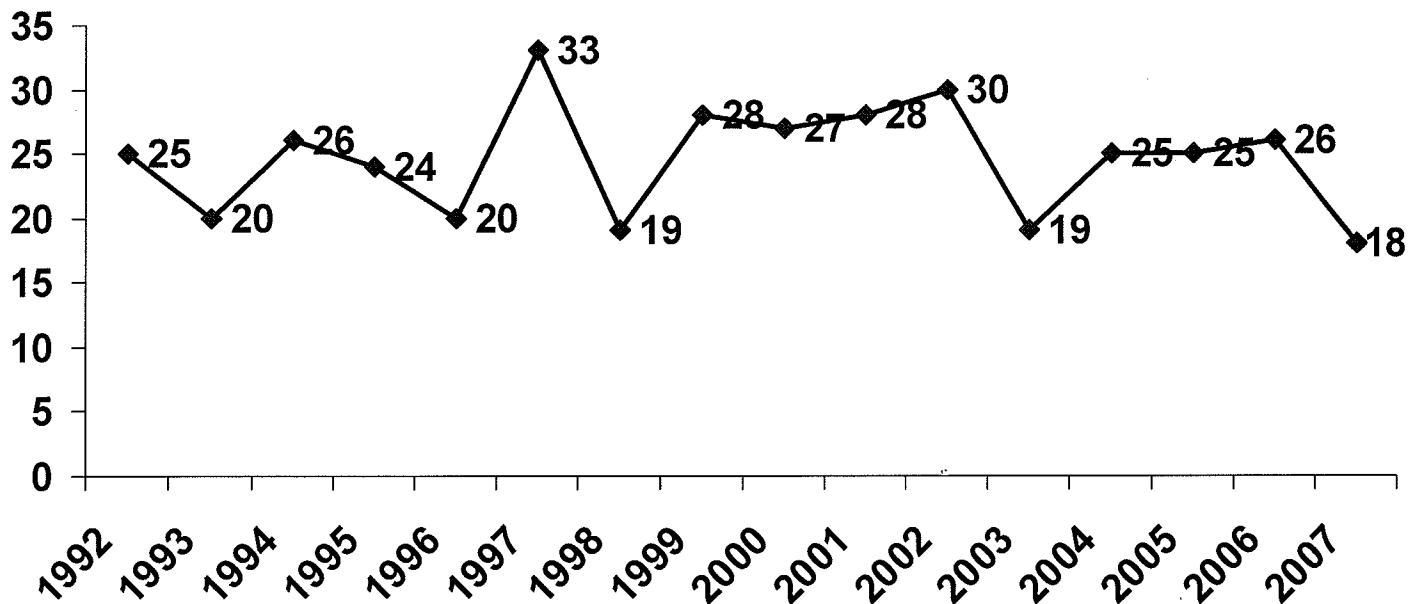
\*American Eagle Commuter Flight 4184  
Crash, October 31, 1994, Newton County

# Contact with Objects

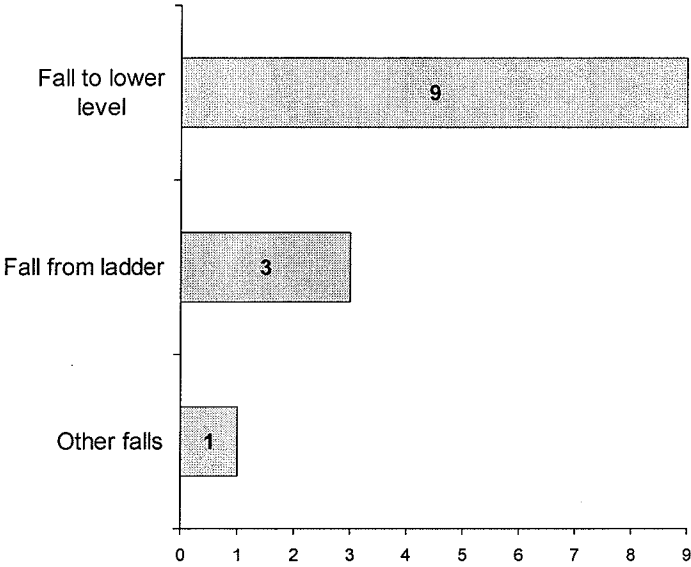
## Industries



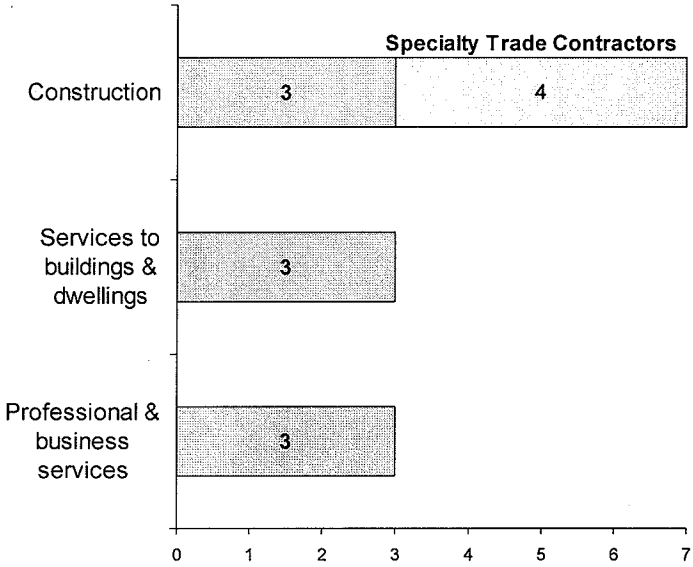
## 16-year Trend



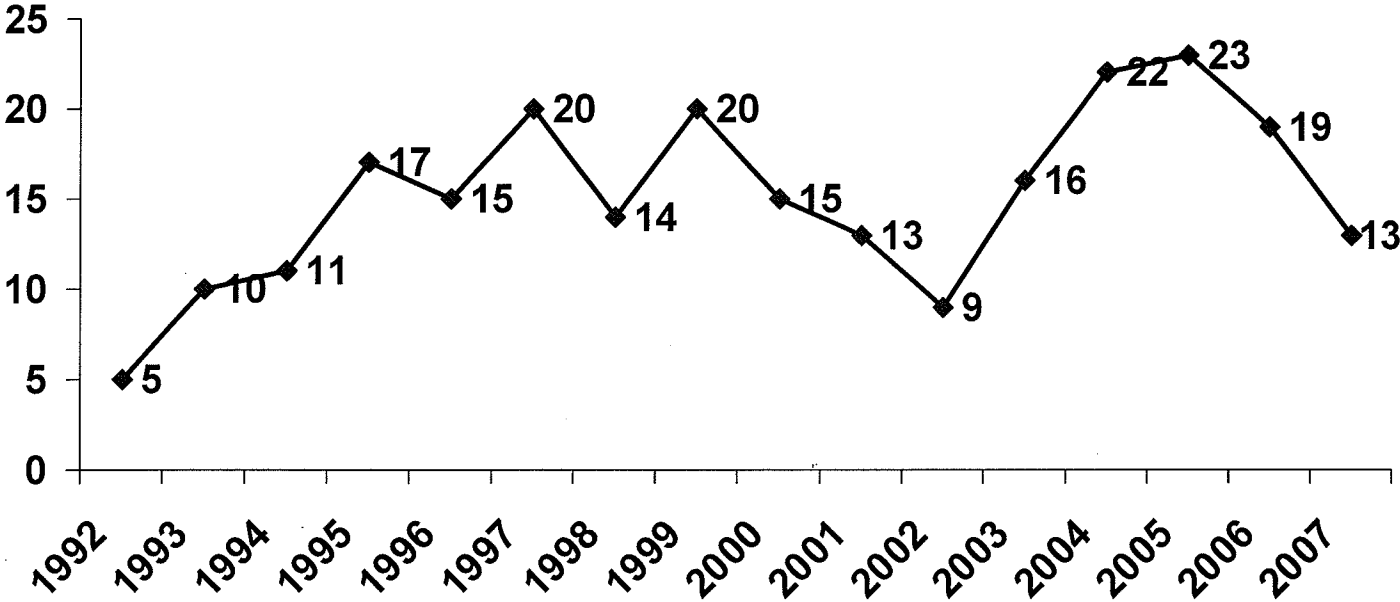
# Falls



## Industries

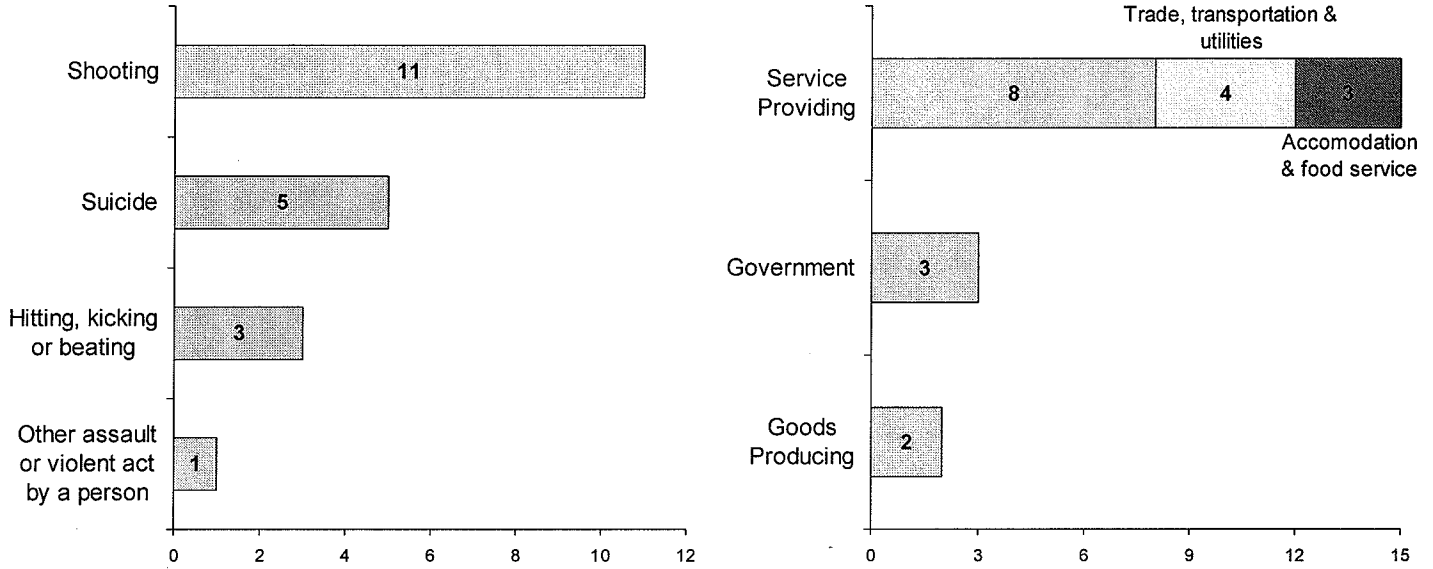


## 16-year Trend

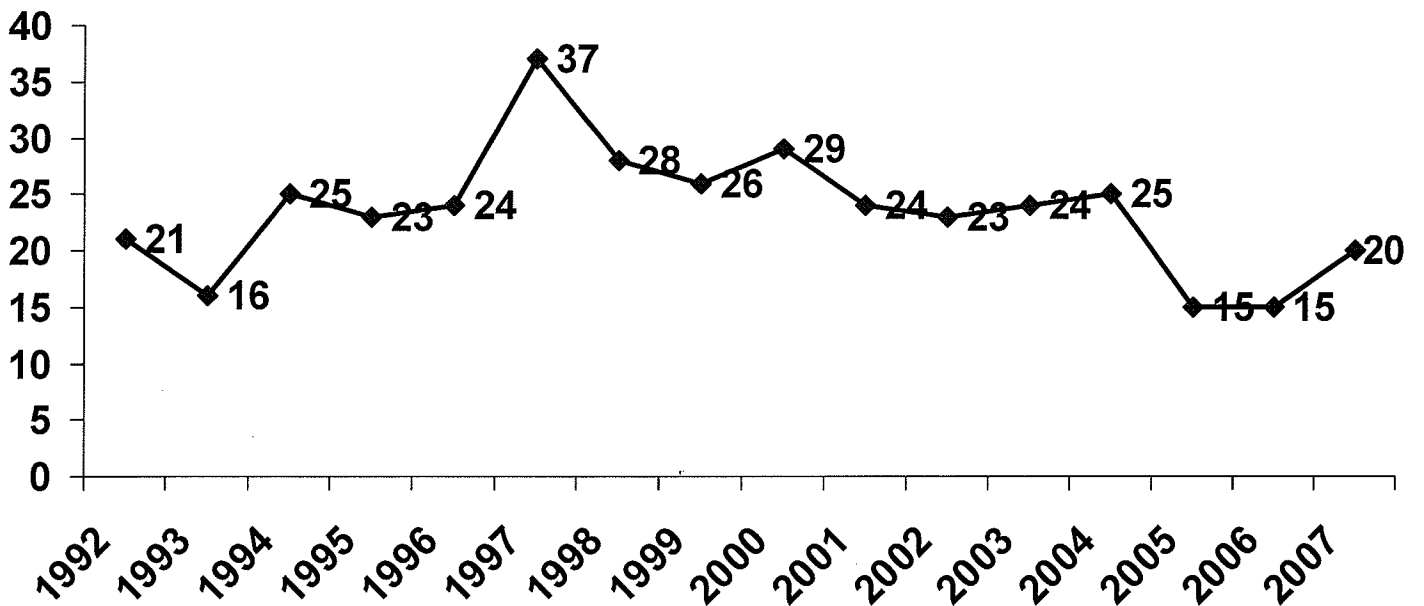


# Assaults & Violent Acts

## Industries

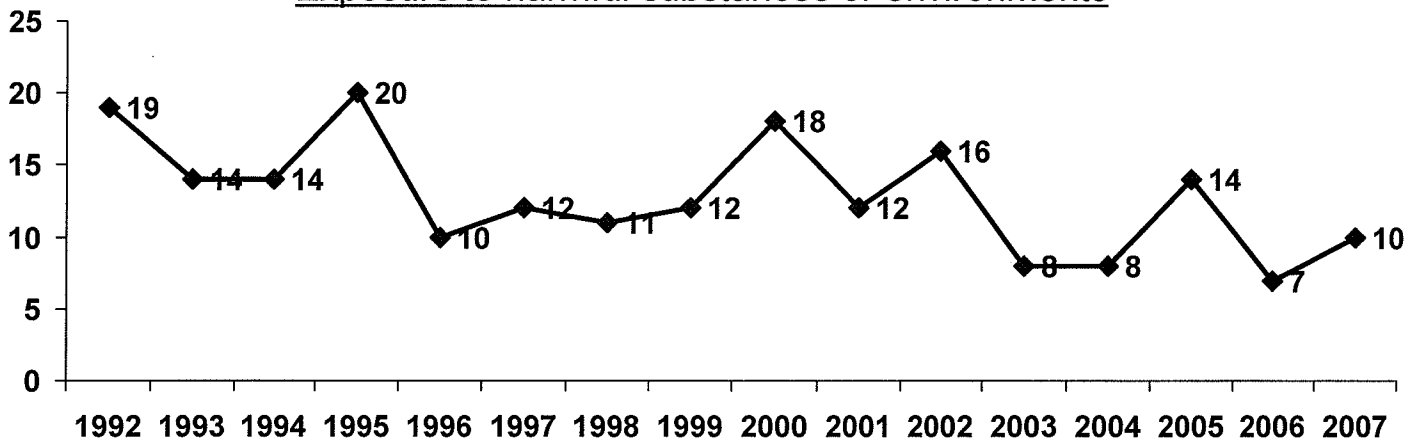


## 16-year Trend

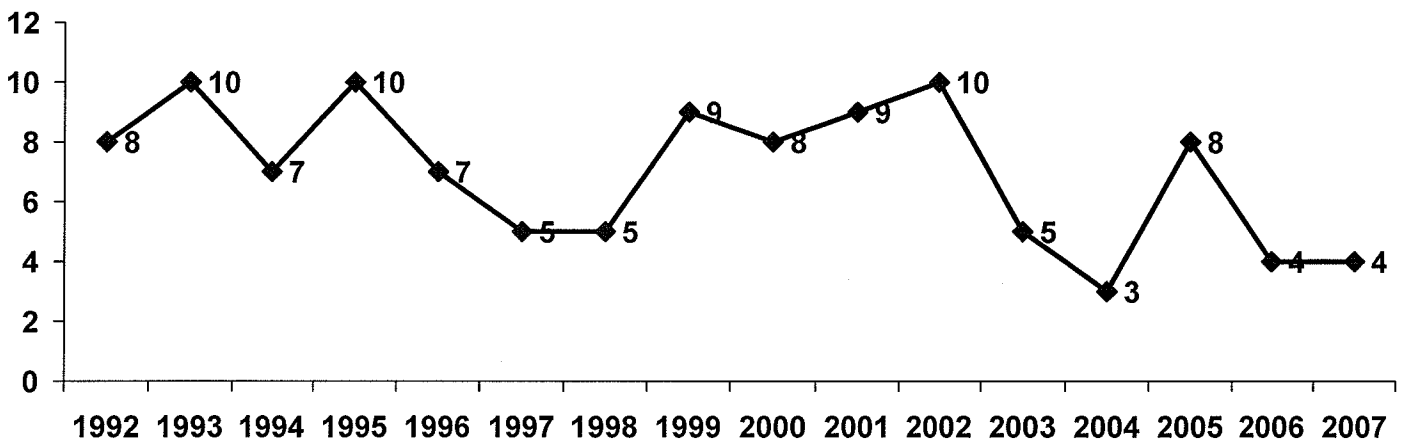


# Other Event Trends

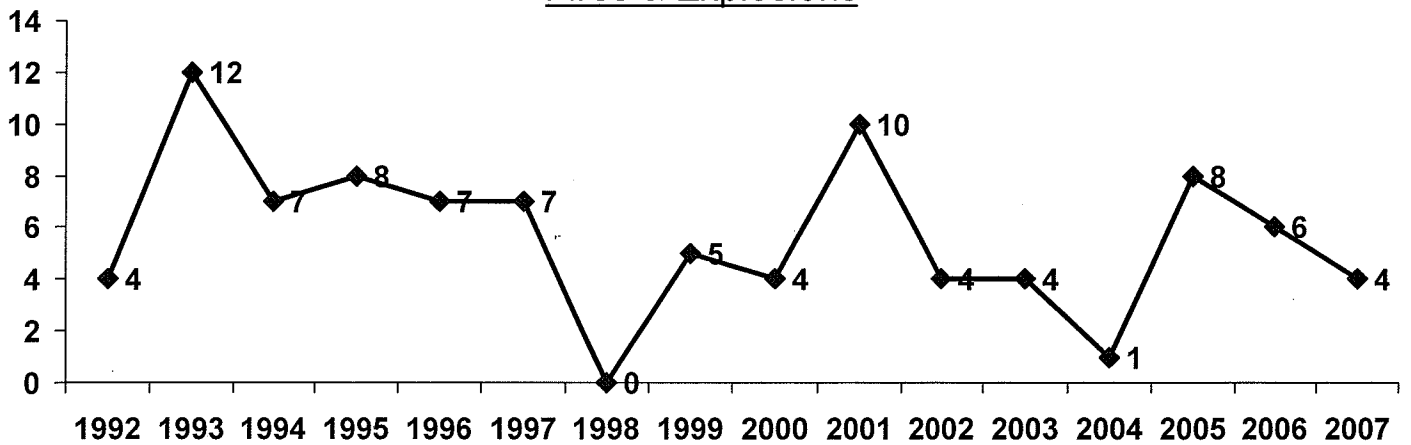
Exposure to harmful substances or environments



Electrocution (Subset of Exposure)

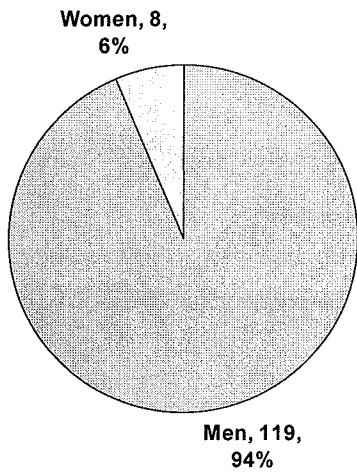


Fires & Explosions

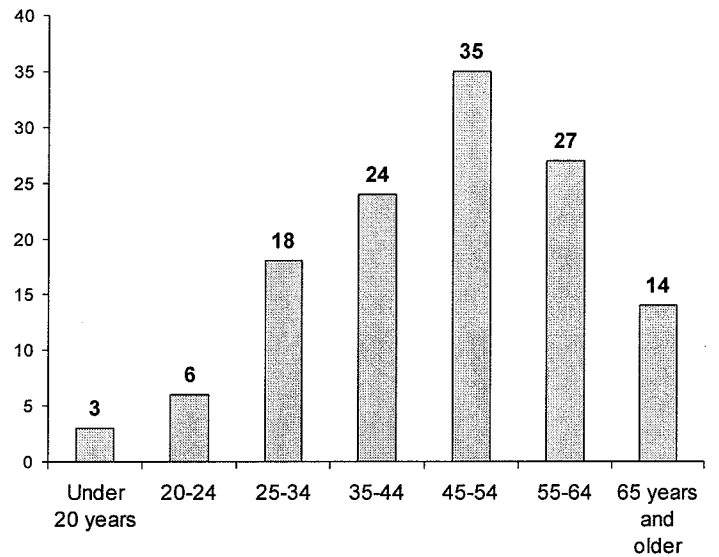


# Worker Characteristics

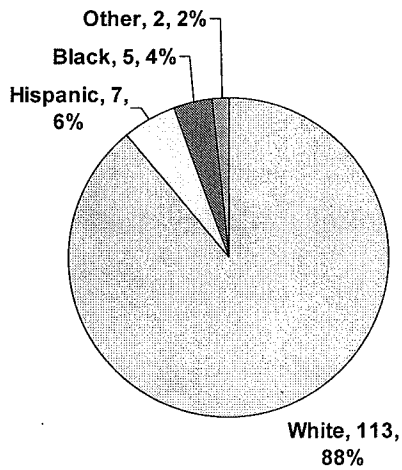
## Gender



## Age



## Race



## Employee Status

