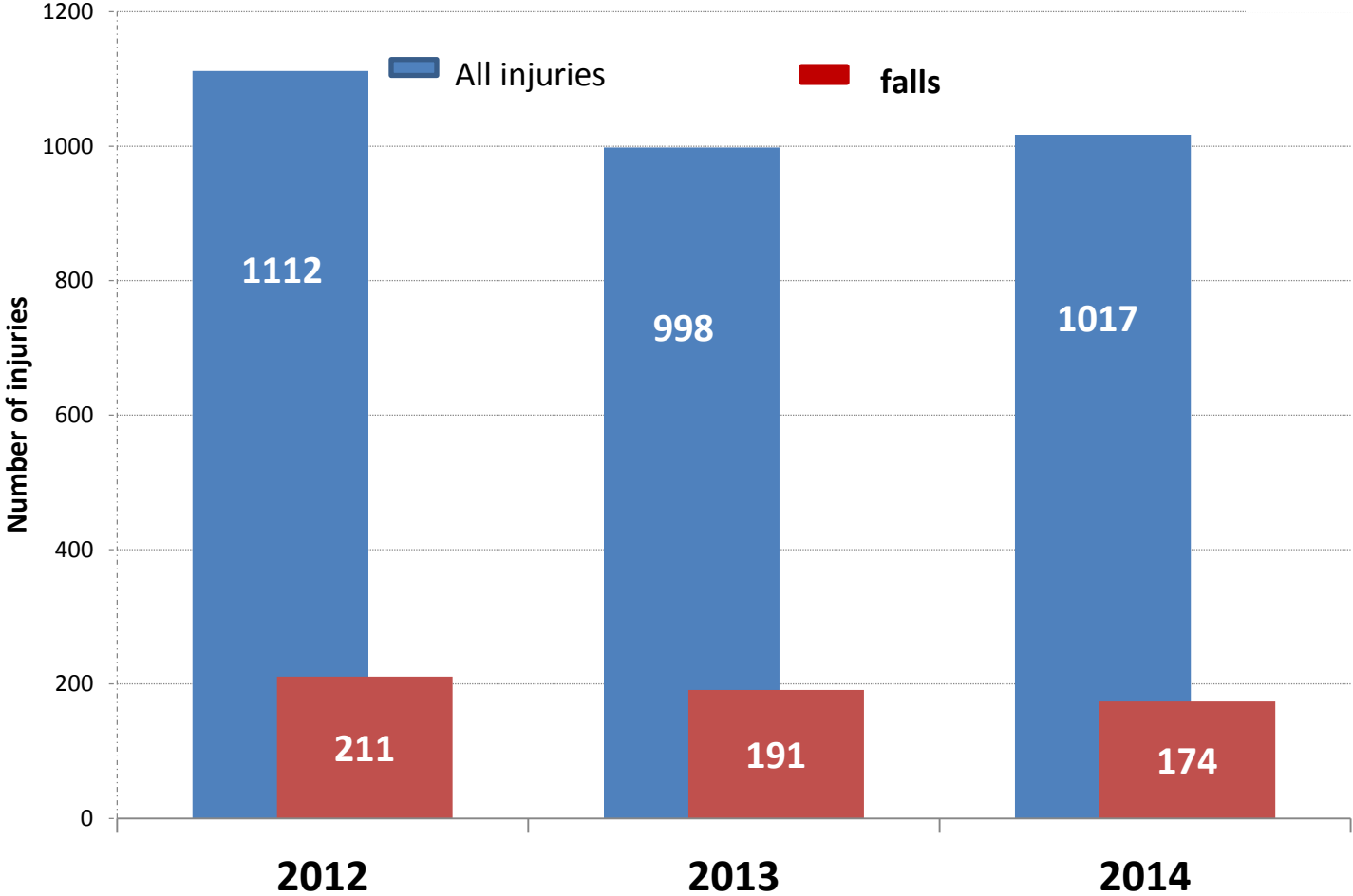


Fall Injuries in Residential Construction 2012-2014

Main data source: Workers Compensation Information System (WCIS) and Census of Fatality Occupational Injuries(CFOI).

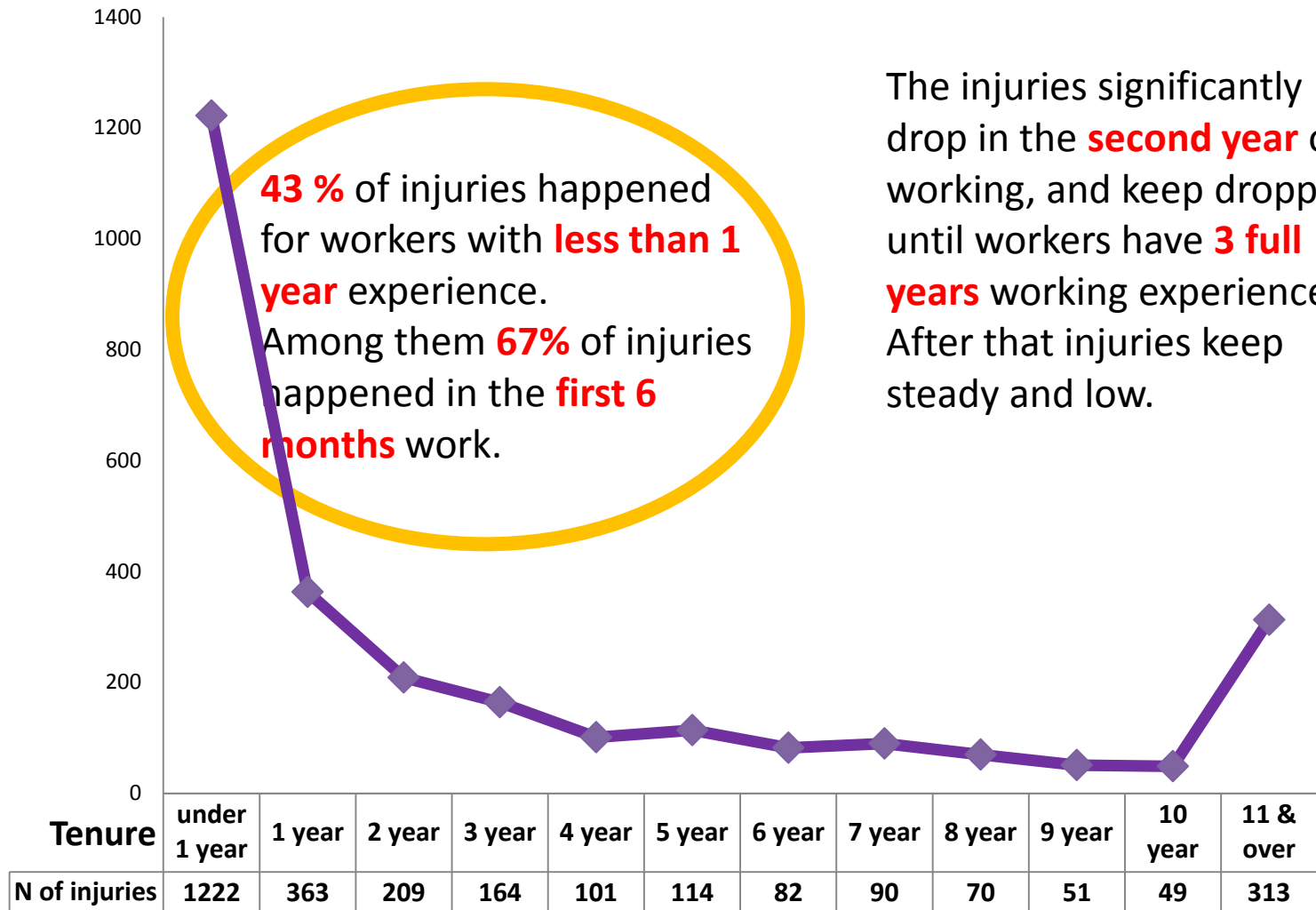
Residential Construction WCIS claims



Note: These are injuries reported to WCIS with industry codes filled as NAICS=2361 or SIC=1521,1522 Residential Building Construction, and run date Oct , 2015.
Fall claims are the cases reported to WCIS with (Workers Compensation Insurance Organizations)WCIO Cause of Injury Code=IV. Fall, slip or trip injury.

Injuries by tenure in residential construction injuries

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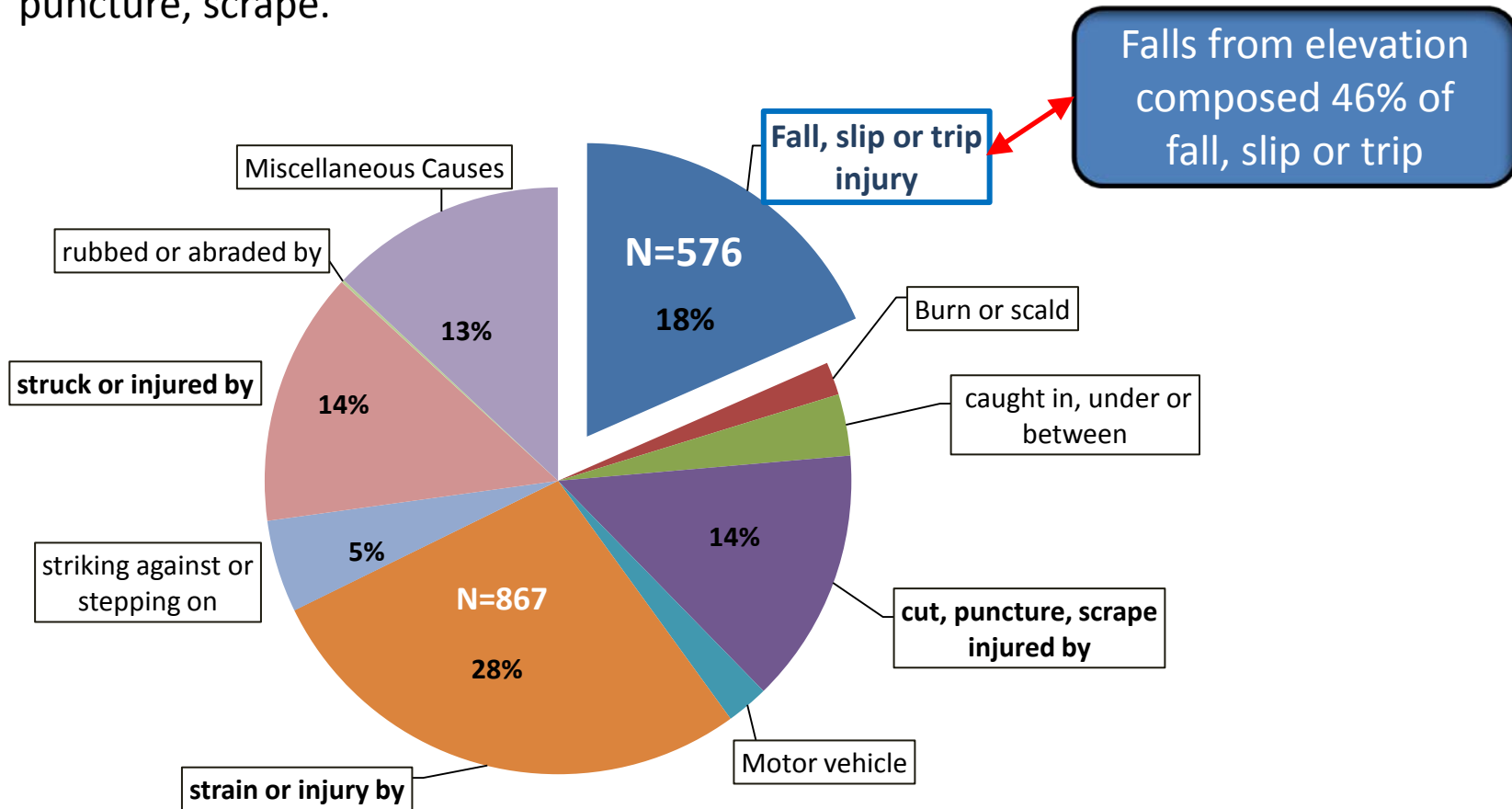


Note: These are injuries reported to WCIS with industry codes filled as NAICS=2361 or SIC=1521,1522 Residential Building Construction, and run date Oct, 2015.

Tenure is calculated by the Date of Hire and Date of Injury reported to WCIS (First Report of Injury)FROI.

Main causes of injuries in residential construction (Frequency)

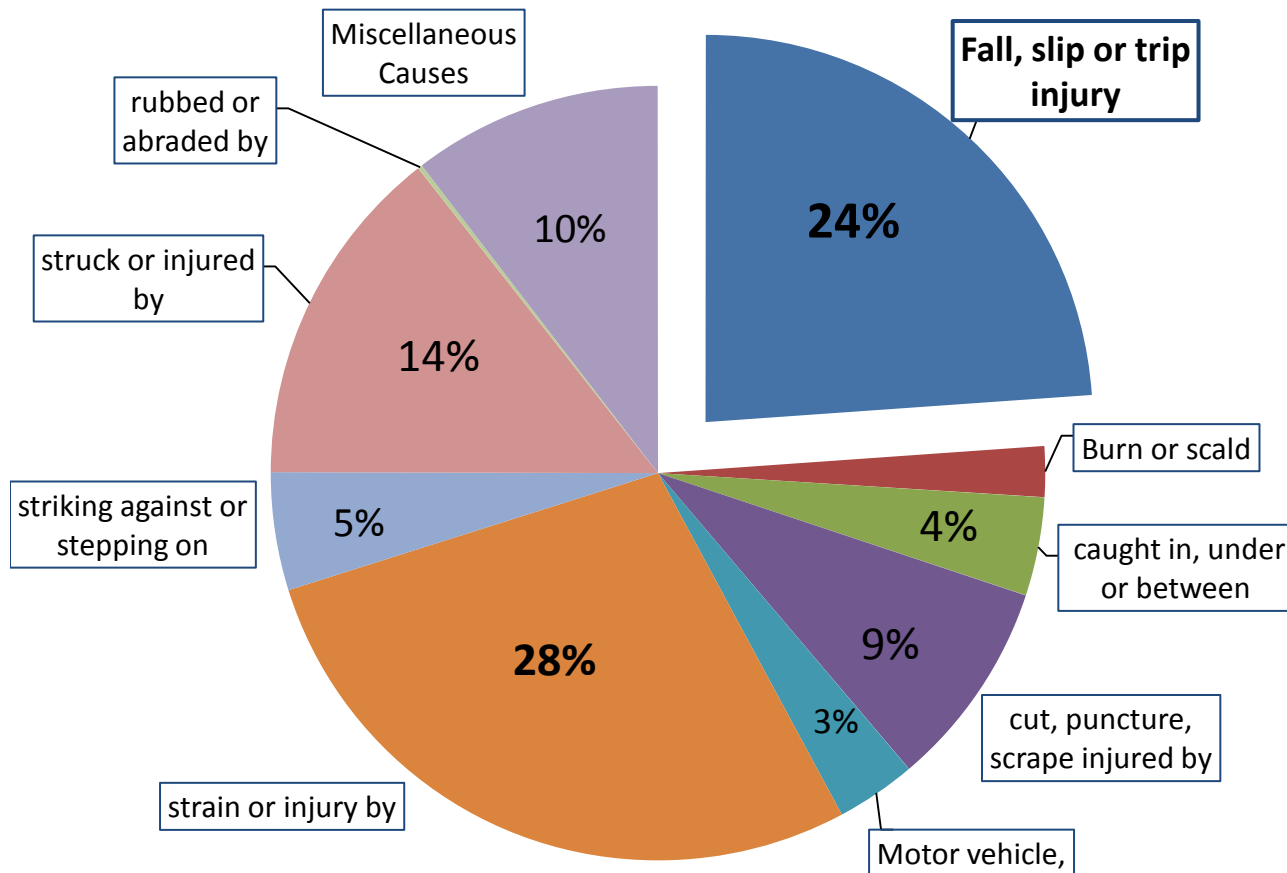
Falls are the **2nd** largest cause of injury in residential construction sector after strain. Other main causes of injuries are struck and cut, puncture, scrape.



Note: These are injuries reported to WCIS with industry codes filled as NAICS=2361 or SIC=1521,1522 Residential Building Construction, and run date Oct 26th, 2015.

Main causes of injury in residential construction (**Medical Cost**)

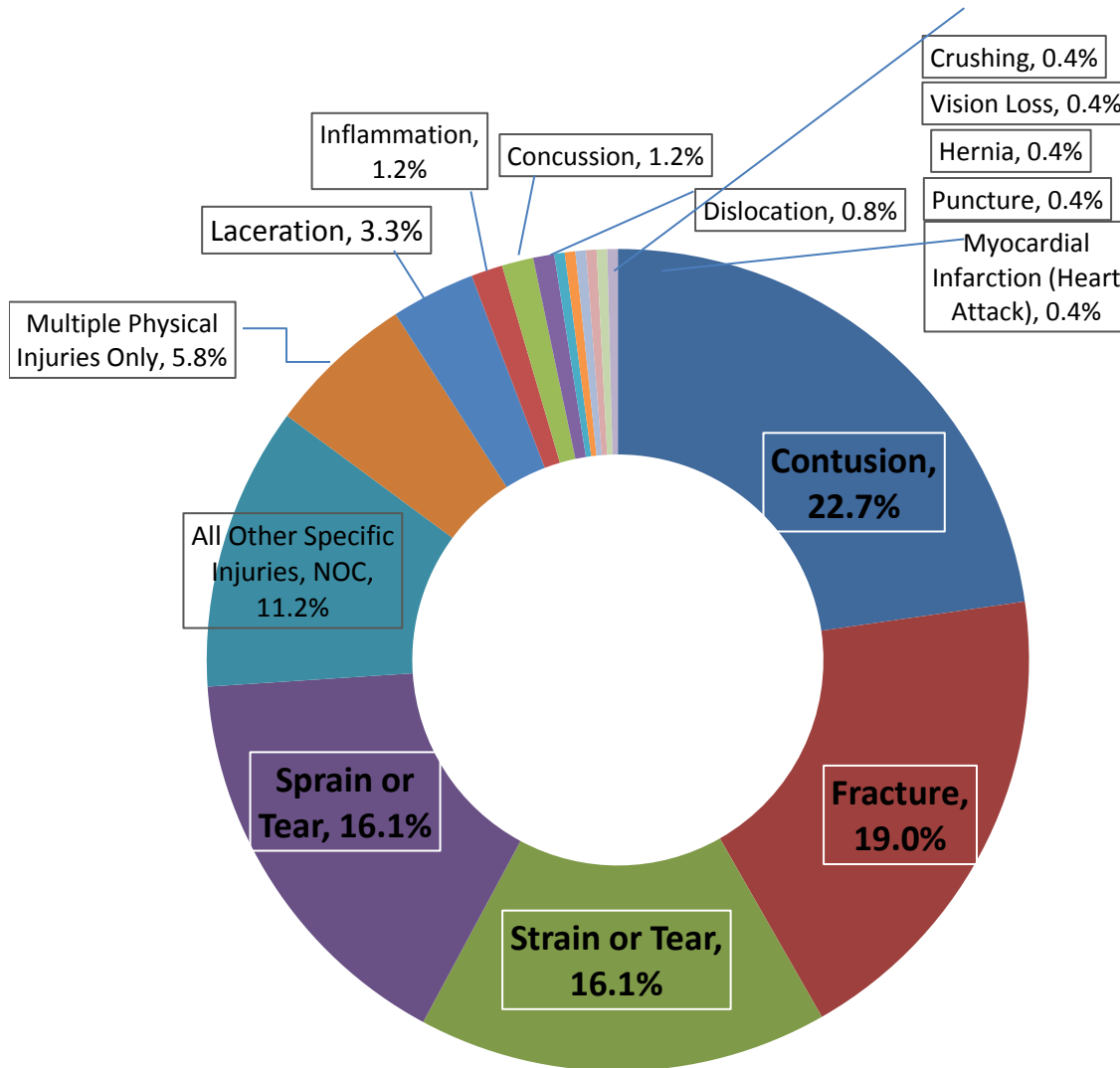
Falls are also the **2nd** largest medical cost among all causes of injury in residential construction in the last 3 years - 2012-2014.



Note: The amount of medical cost calculated by the average medical cost per claim multiply by the number of claims reported with NAICS=2361 or SIC=1521,1522 Residential Building Construction in WCIS , and run date Oct, 2015.

Falls from elevation result in **serious injuries or fatality**: 19% fracture, 23% contusion, 16% sprain and 16% strain.

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Note: The medical cost is 1 year maturity, medical only (not including indemnity) cost per injury of 2012-2013 WCIS data.

Medical COST of main conditions caused by fall from height

	Medical cost per injury	Main conditions caused by fall from height
Contusion	\$8,189	22.7%
Fracture	\$16,175	19.0%
Sprain	\$8,369	16.1%
Strain	\$8,105	16.1%

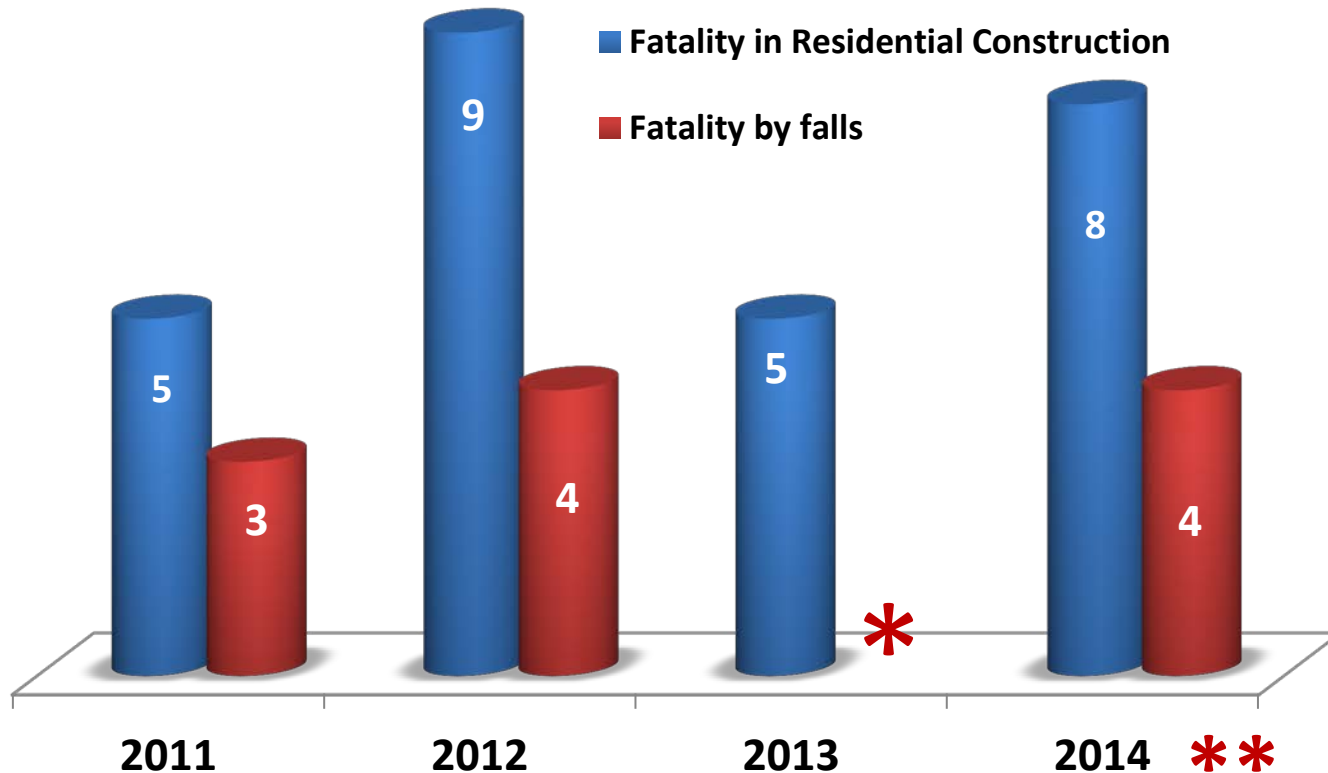
Fracture is one of the **most expensive** injuries , it has similar medical cost as the following injuries:

- Amputation \$17,076
- Concussion \$17,297

Note: The medical cost is 1 year maturity by date of injury, medical only (not including indemnity) cost per injury of 2012-2013 WCIS medical data.

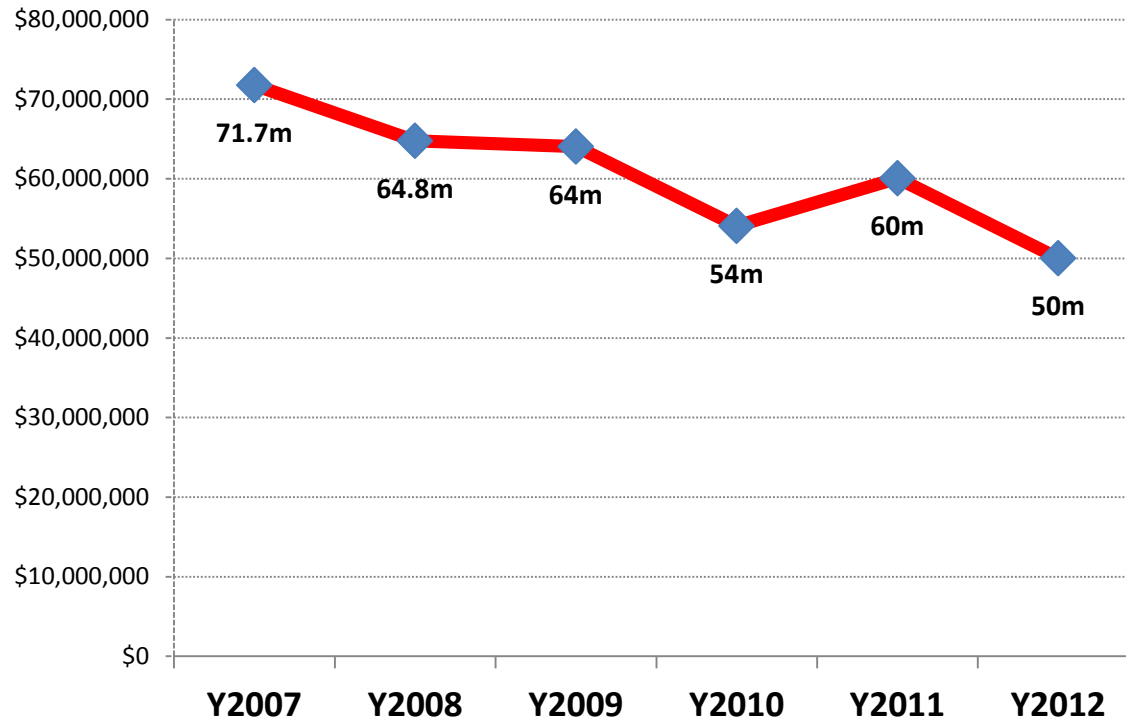
Almost each year from 2011-2014, there are **3 to 4** fatalities in residential construction **caused by falls** .

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Note: Totals for major categories may include subcategories not shown separately. * indicates no data reported or data that do not meet publication criteria. CFI fatal injury counts exclude illness-related deaths unless precipitated by an injury event. ** 2011-2013 are final data. 2014 data are preliminary. Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, April 22, 2015. <http://www.dir.ca.gov/oprl/cfoi/index.htm>

How much medical cost is paid for falls from height each year in all industries?



- Average total medical cost paid for falls from height from 2007 to 2012 is **\$60,785,122** a year.
- Estimated **\$1.5** million per year are paid for falls from height medical expenses in Residential Construction.

Note: The amount of medical cost calculated by the average medical cost per claim multiplied by the number of claims with cause of injury as Workers Compensation Insurance Organizations (WCIO) Cause of Injury Code=25 Fall from different level(elevation) and code=26 fall from ladder or scaffolding. Only include cases reported to WCIS with medical cost information.

Estimation of falls from height in residential construction is based on the number of claims with falls from elevation and falls from ladder or scaffolding in residential construction reported to WCIS FROI, and multiplied by the average medical cost per claim from 2007-2012.