

# SAFETY

## FOR ERGONOMICS' SAKE



**1 in 4** workers will be age 50 or older by 2024



### The Changing Workforce

25% of the workforce in America will be 50 or older by year 2024, according to the U.S Bureau of Labor Statistics, driving increased demand for good ergonomics. Older workers may not be as strong, agile or able to see as well as younger workers.

## MSDs

(MUSCULOSKELETAL DISORDERS)

Painful disorders of muscles, tendons and nerves that develop over time from tasks that repeatedly cause stress and injury to tissues. Also known as RSIs (Repetitive Strain Injuries) that can cause Persistent and Debilitating Pain.

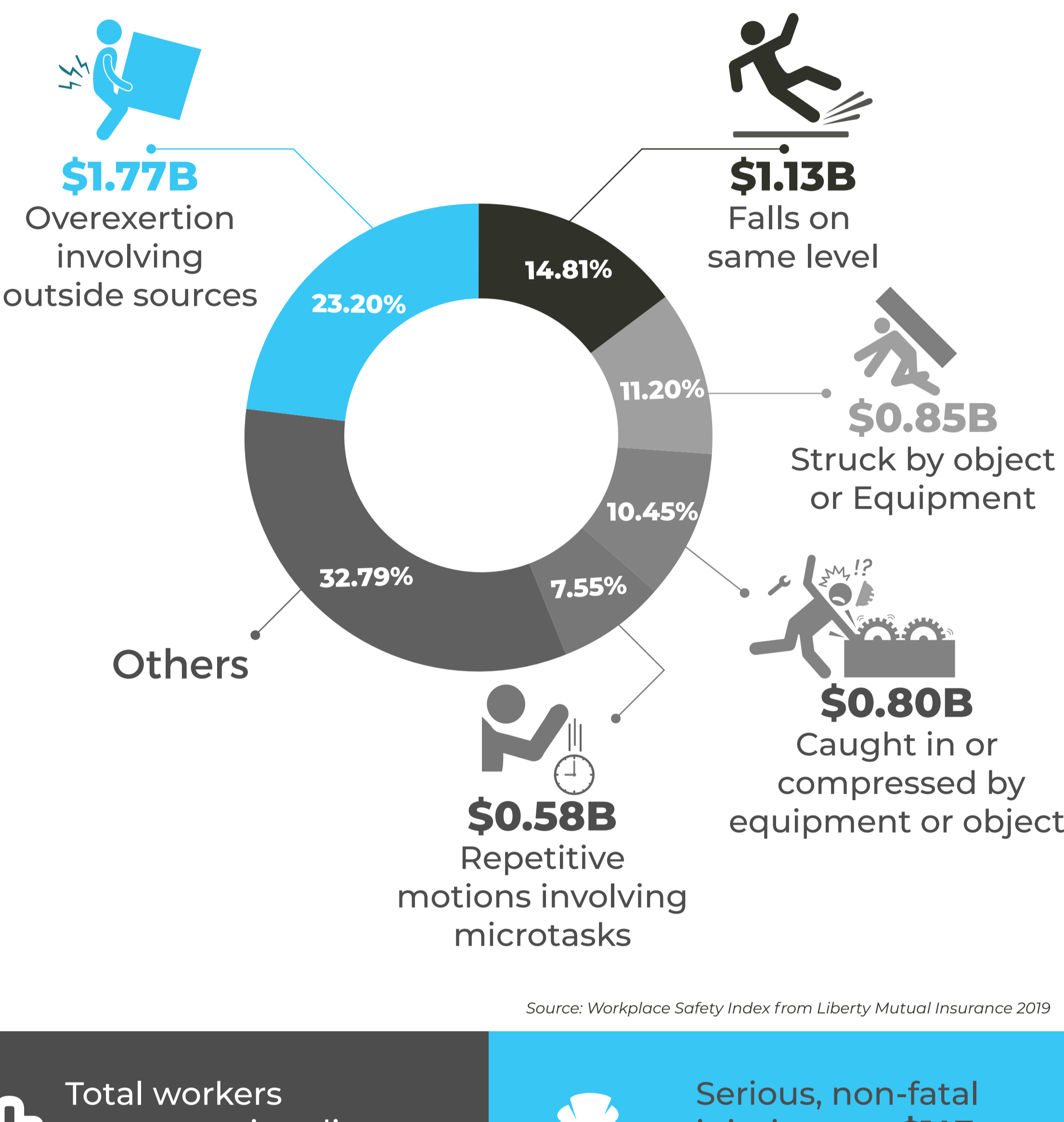


### SYMPTOMS TO WATCH FOR

Pain	Swelling	Cramping	Numbness
Joint stiffness	Reduced range of motion	Aching or tingling	Muscle tightness

## OVEREXERTION

### LEADING CAUSE OF INJURY IN MANUFACTURING



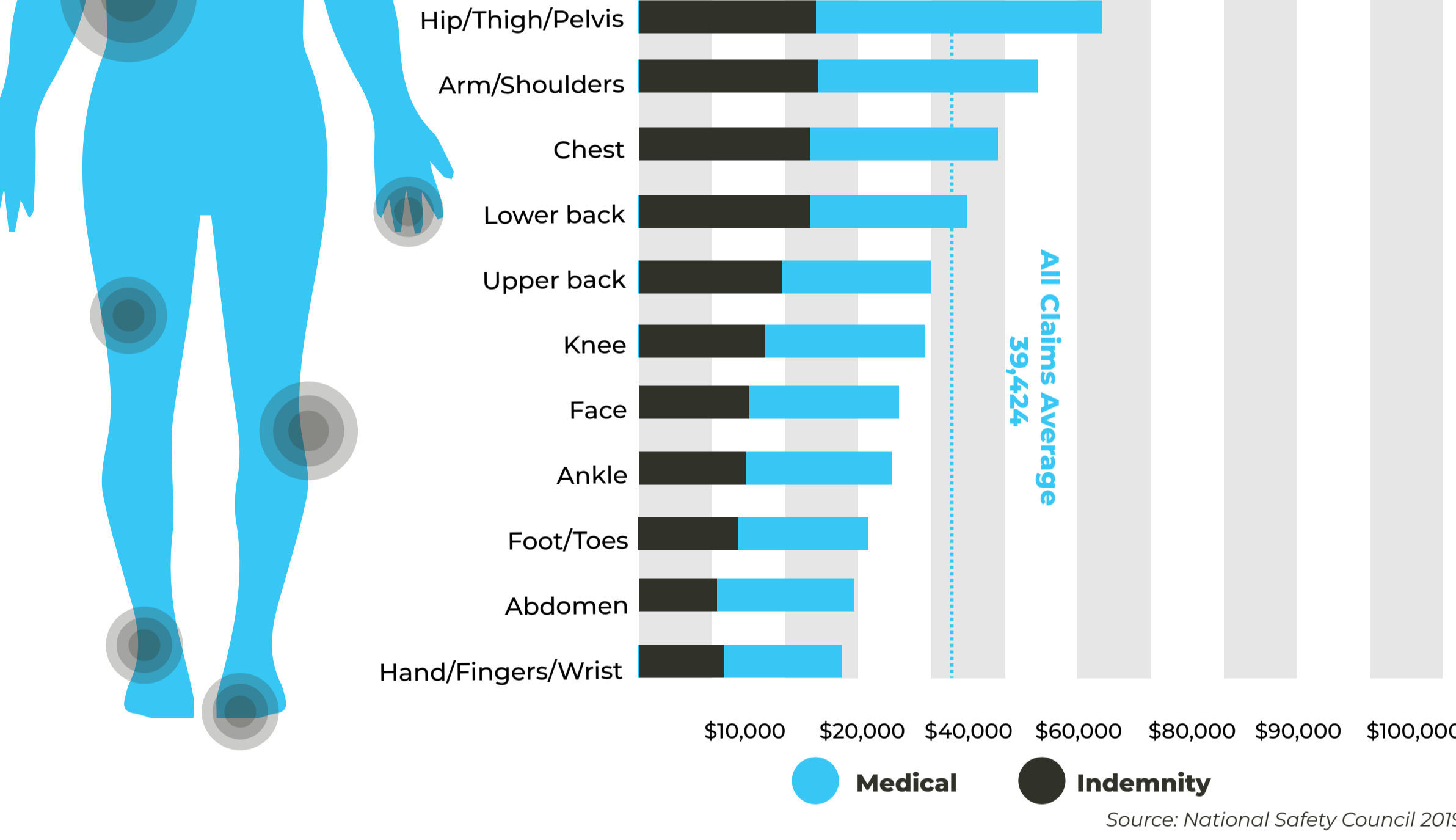
Source: Workplace Safety Index from Liberty Mutual Insurance 2019

**5 Days** Total workers compensation direct costs for non-fatal claims with five or more days away from work.

Serious, non-fatal injuries cost **\$147 Million** a week in the manufacturing industry.

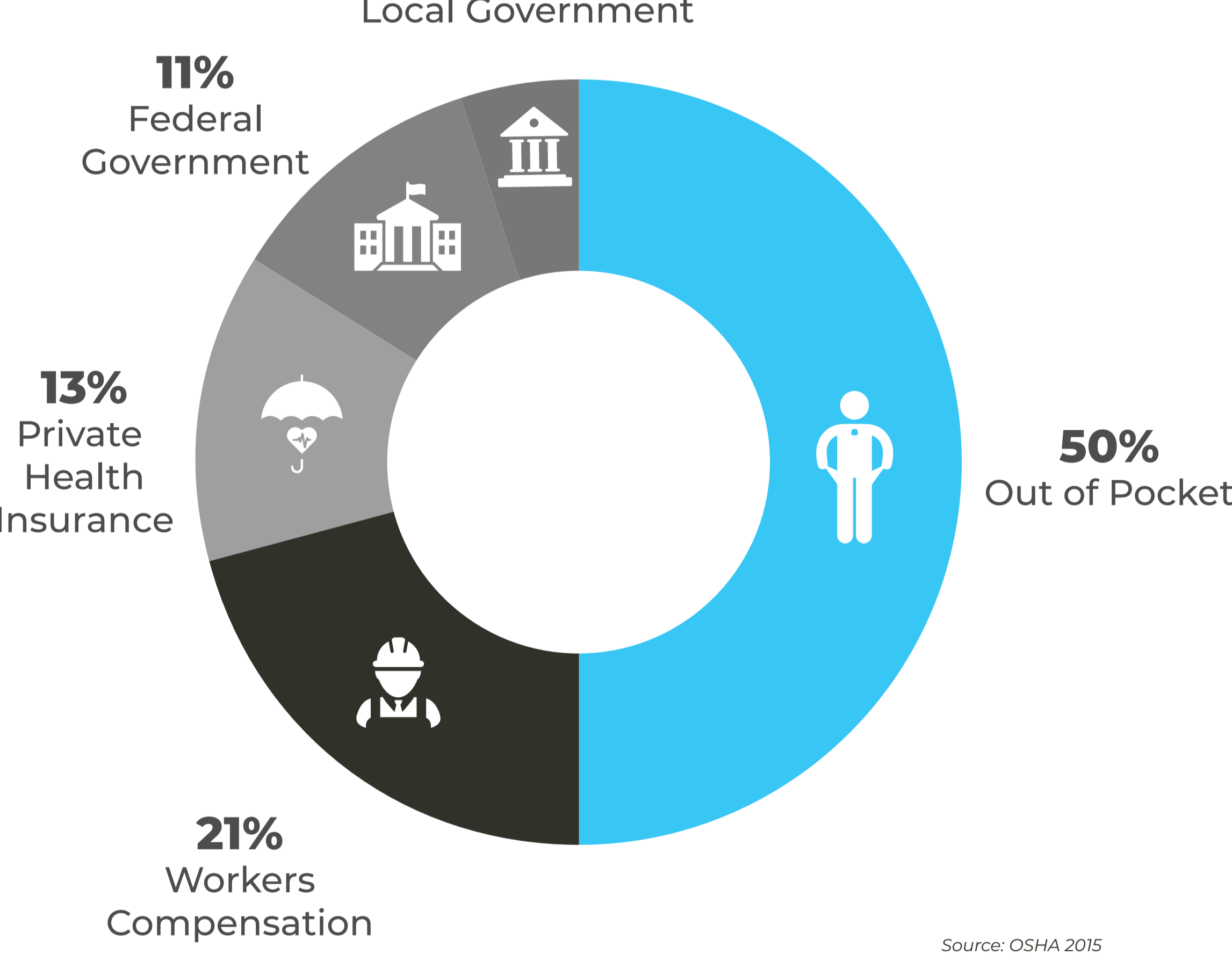
### Worker's Compensation \$39,424 all claims average

Worker's compensation cost by part of body



Source: National Safety Council 2019

### Who bears the cost of workers injuries?

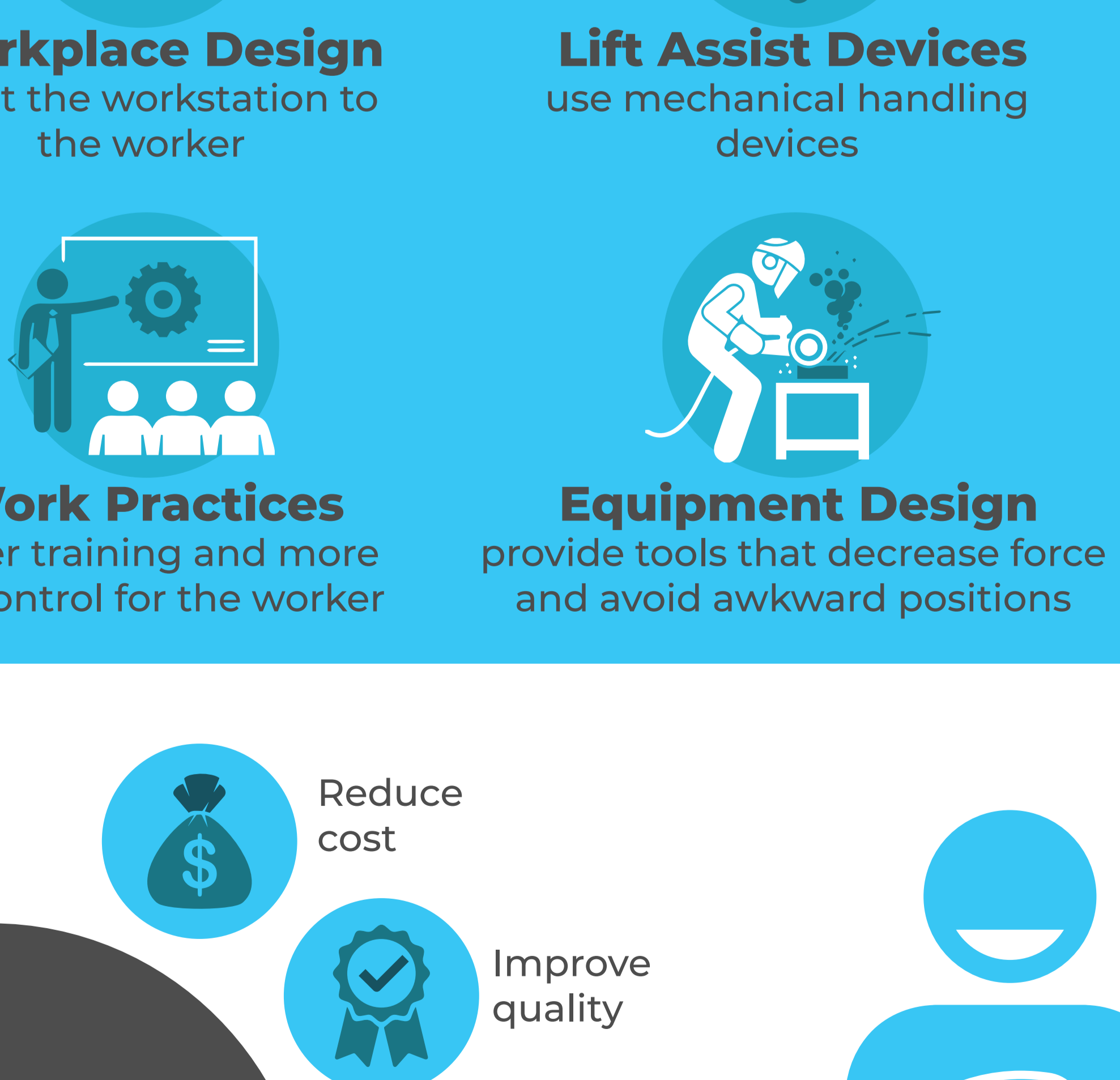


Source: OSHA 2015

## COMMON ERGONOMIC RISK FACTORS



### What Employers Can Do



PRODUCTIVITY THROUGH ERGONOMICS



ergotronix.com