



BURN AND FIRE STATISTICS

Burn Statistics

- Fires and burns are the 5th leading cause of injury-related death to children in the US²
- 3,400 fire and burn related deaths per year¹
- 365 children ages 19 and under died from fires or burns in 2010²
- 450,000 burn injuries received medical treatment (2001-2011)¹
- 40,000 hospitalizations related to burn injury (2001-2011)¹

Burn Survivor Demographics¹

- 34% of burn survivors are Ages 0-19
- 42% of burn survivors are Ages 20-40
- 23% of burn survivors are Age 50+
- 69% of burn survivors are men
- 31% of burn survivors are women
- 59% of burn survivors are Caucasian
- 19% of burn survivors are African American
- 15% of burn survivors are Hispanic
- 7% of burn survivors are Other
- Average age of a burn survivor is 32 years old.

Fire Statistics³

- 1,389,500 fires in 2011
- 17,500 fire-related injuries in 2011
- \$11.7 billion dollars in fire damage
- 61 firefighter deaths in 2011
- Cooking equipment is the leading cause of home fires and home fire injuries²
- Three most common types of fires:
 - Structure Fires
 - Vehicle Fires
 - Outside / Other Fires

Causes of Burn Injury¹

- 93% of all burns are accidental
- 44% Flame Injuries
- 33% Scald Burns
- 9% Contact with Hot Object
- 4% Electrical Injuries
- 3% Chemical Burns
- 7% Other
- 8 out of 10 burns are caused by fire/ flame and scalds
- Contact burns from hot liquids, or scalds, are the 2nd most common cause of a burn
- Scald injuries are most prevalent in children under age 5 years

Place of Occurrence¹

- 69% Home
- 9% Occupational
- 7% Street / Highway
- 5% Recreational/Sport
- 10% Other

Burn Injury Recovery¹

- 96% Survival Rate
- Average length of stay in a burn unit is 8 days
- Average length of stay in a burn unit is approx. 1 day per 1% body surface burned
- Burn Injury hospital care ranges from \$35,000-\$1,000,000+, not including ongoing surgeries and care.
- Pneumonia, cellulitis and urinary tract infection are the most prevalent complications to burn injury recovery.
- The most common surgical procedure performed on burn patients is excision and skin grafting.

California Burn Centers¹

- Bothin Burn Center, St. Francis Memorial Hospital*
- Community Regional Leon S. Peters Burn Center
- Grossman Burn Center at San Joaquin Community Hospital
- Grossman Burn Center – West Hills
- Inland Counties Regional Burn Center at Arrowhead Regional Medical Center
- LA County + USC Medical Burn Center*
- Orange County Burn Center
- UC Davis Regional Burn Center*
- UC Irvine Regional Burn Center*
- UC San Diego Regional Burn Center*
- San Francisco General Hospital / Burn Unit
- Santa Clara Valley Medical Center Regional Burn Center*
- Shriner's Hospital for Children-Northern California*
- Torrance Memorial Burn Center

* American Burn Association Verified Burn Center

References and Resources

¹2012 American Burn Association's National Burn Repository Statistics

²Safe Kids Worldwide Burns and Fire Safety Fact Sheet (2013)

³Trends and Patterns of US Fire Losses in 2011. NFPA. Paula Levesque. January 2013.

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