Each year there is an estimated 1 person per 10,000 people in the U.S. requiring inpatient hospitalization at a burn center.

40% of all incidents were caused by flame or flash, and of those, over 90% were accidental.

61% of all incidents took place at a private residence, and of those, 33% took place on a weekend.

Scalds make up 58% of pediatric cases, and of those, suspected abuse was reported in 3.8% of cases.

6,844 burns with concomitant trauma were treated at contributing burn centers and stayed in the hospital on average 9.8 days longer with triple the mortality rate of those without concomitant trauma.

9,733 cases stayed in the ICU in 2022 collectively utilizing over 100K ICU days costing over $600 million USD for intensive care alone for one year.

Cost calculated as 105,415 days utilized in 2022 x $6,000 per unventilated ICU day. This is a conservative estimate and could be as high as 1 billion USD in annual spending.
3.3% times in 2022
(429 times over 5 years)

**Utilization Summary**

- **16,894 cases in 2022**
  - 85,966 cases over 5 years
  - TBSA <10%
- **2,991 cases in 2022**
  - 14,579 cases over 5 years
  - TBSA 10-19%
- **1,943 cases in 2022**
  - 9,140 cases over 5 years
  - TBSA ≥20%

TBSA = Total Body Surface Area

*Note: Considers burn cases only. Burn size not reported for 2,160 cases in 2022 (14,958 cases over 5 years)*

**Size & Body Location of Burn Injury**

- **Head**: 33%
- **Neck**: 15%
- **Hands**: 42%
- **Legs**: 39%
- **Feet**: 19%
- **Buttocks or Genitalia**: 12%
- **Trunk**: 38%
- **Arms**: 45%

**Surge Admission Events**

- 3 or more admissions in a single day with TBSA ≥10% occurred at the same burn center
- **91 times in 2022**
  (429 times over 5 years)

**Mortality**

- **3.3% mortality rate overall**
- **24.9% mortality rate for cases involving inhalation injury**

*Note: Includes 103,393 cases of 124,643 total burn injury cases where valid TBSA detail by body area was reported.*

**Utilization Summary**

- **321,395 days**
  - as inpatients (1.4 million over 5 years)
- **107,786 days**
  - in ICU (500K over 5 years)
- **40,270 days**
  - on a ventilator (200K over 5 years)

*Note: Includes only cases with a known burn size value.*

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