

# Analysis of Inpatient Care at Burn Centers 2018-2022

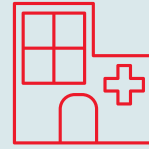


**30,135**

cases in 2022

152,312 cases over 5 years

Report represents burn injury requiring inpatient hospitalization at a burn center  
For more information see the ABA [Guidelines for Burn Patient Referral](#)



**109**

burn data contributors from 39 states + DC

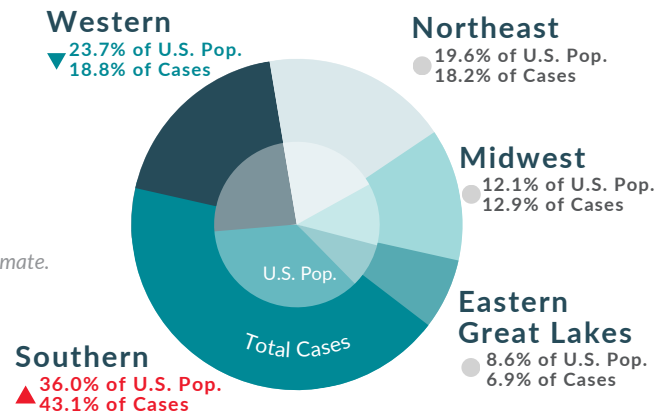
U.S. States without a burn center (n=7) include Alaska, Delaware, Montana, New Hampshire, North Dakota, South Dakota, Wyoming

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

Cases per 10,000 in U.S. Population calculated as (Total Cases / 5 years / U.S. Population) x 10,000.  
Not all burn centers contribute data to this report. By increasing data capture we can improve this estimate.

## REGIONAL STATS

Percent of Cases vs. U.S. Population by Region



## QUICK FACTS



**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

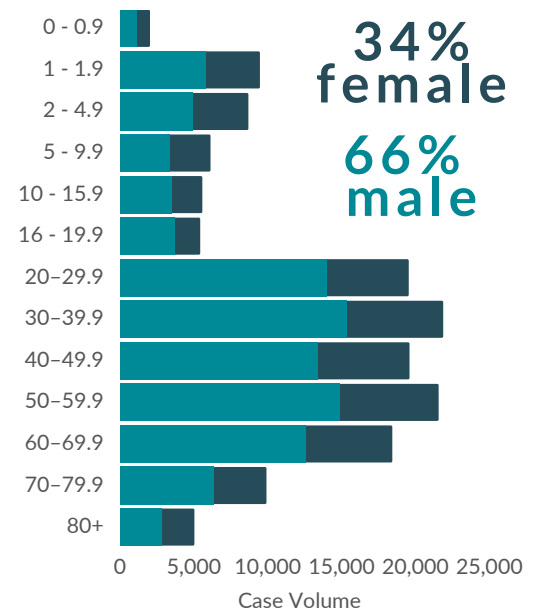


**9,733** cases stayed in the ICU in 2022 collectively utilizing over **100K** ICU days costing over **\$600 million USD** for intensive care alone for one year  
Cost calculated as 105,415 days utilized in 2022 x \$6,000 per unventilated ICU day.  
This is a conservative estimate and could be as high as 1 billion USD in annual spending.

## PATIENT AGE AND SEX

median age: **39** years

Patient Age Group Distribution





## SIZE & BODY LOCATION OF BURN INJURY

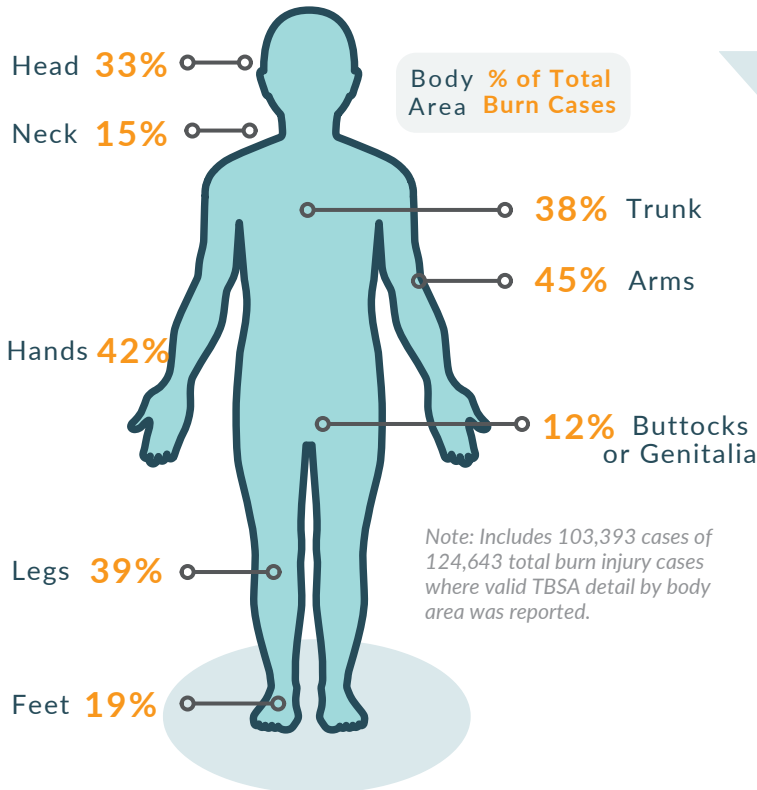
**16,894** cases in 2022  
85,966 cases over 5 years  
TBSA <10%

**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)



## 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 only cases with a known burn size value.

**1,042** deaths in 2022

## UTILIZATION SUMMARY

in 2022 patients spent

**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)

at contributing burn centers

