

Home oxygen fires in the United States: 2017-2021

In September 2019, **BPR Medical** reported that someone dies in a home oxygen fire at least every four days in the US.¹ Further analysis, **Firebreaks: a risk-based approach to safer home oxygen delivery** published in 2021, confirmed that these fires remain a material public health issue, with burns delivering a significant human impact and financial burden.

From 2017-2021, there were:


567

Fires

involving home oxygen

316 Fatalities

For those who survive, the impact is still significant



Almost 1 in 4 incidents resulted in serious injuries


Home oxygen fires cause at least **1000 burn injuries** per year.²

\$1 million-\$10 million



The potential cost of **medical treatment for burns**, from severe to more complex cases.³

Or 1 death every 4 days, including 2 firefighters

More than half



of patients with burns attributable to **smoking on home oxygen** die within a year of being discharged.⁴

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