The under-reported problem of home oxygen fires in Europe

Recognising, reporting and reducing the impact of home oxygen fires in Europe

Each year, home oxygen fires cause a significant number of avoidable deaths and severe burn-related injuries across Europe. New analysis of media reports in France and Italy (between January 2017 and December 2021) suggests that many such incidents are going unreported.

Home oxygen patient population

Europe 16 countries**
600,000

France* 100,000



Italy* 80,000

A gap between reports and reality?

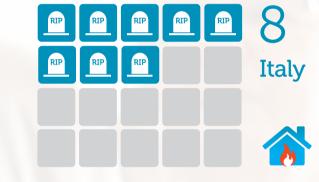


Industry reported home oxygen fire fatalities (2013-2017)***

15

0.75 fatalities per 100,000 patients per year Home oxygen fire fatalities – (based on media reports 2017-2021)





Fatalities per 100,000 patients per year







Serious injuries

France

6 oxygen users 2 firefighters 2 residents Italy

8 6 oxygen users 2 family members

The figures suggest that home oxygen fires are a material public health issue in Europe. But without knowing the true scale of the problem, the industry cannot work together effectively to prevent further harm.

A lack of clarity around reporting, alongside incomplete data, also prevents regulators from understanding and addressing the issue and helping to keep home oxygen patients and their communities safe.

- * Estimates
- ** Estimated patient population in 16 EU countries covered by the European Industrial Gases Association (EIGA) member survey. EIGA estimates that there were 2 million patients over the course of its 5 year survey.
- *** In a survey of its members, EIGA found 15 fatalities resulting from home oxygen-related fires in 16 countries in the EU between 2013 and 2017. TB/36-20, Analysis of Fire Incidents in Homecare Oxygen Therapy Based on Data Review and Literature (July 2020)



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