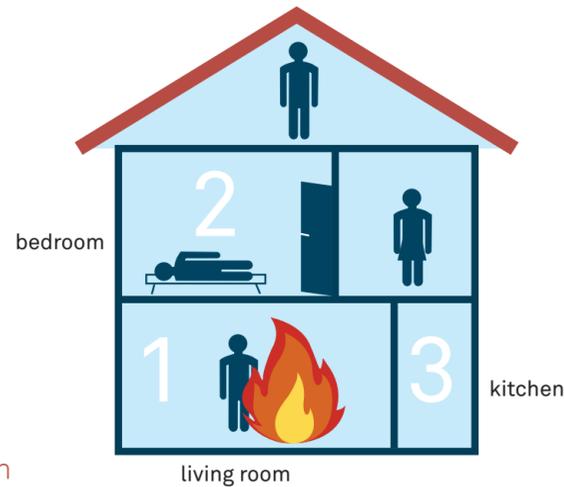




Object of origin

On average:
Most fatal residential fires ignite on **upholstered furniture, beds and mattresses** and **textiles, including clothes**.
(In about one third of the fatal residential fires, the object of origin is not identified/reported).



Room of origin

On average:
Most fatal fires start in the **living room**, followed by the **bedroom** and **kitchen**.

Smoke detector



The Netherlands:

46% not present
28% present
of which 19% activated
26% unknown

England:

34% not present
66% present
of which 25% activated

Norway:

13% not present
46% present
of which 17% activated
42% unknown

Estonia:

53% not present
30% present
of which 45% activated
17% unknown

Sweden:

46% not present
32% present

Brandweeracademie

The Brandweeracademie (Fire Service Academy) is responsible for the permanent professional competence of fire service employees and people employed in the field of crisis management and disaster relief. The Brandweeracademie develops and offers education for employees of officer level and develops educational material for the entire Fire Service in the Netherlands. The academy also carries out (scientific) research in the field of fire suppression and fire prevention. The Brandweeracademie comprises a professorship of Fire Prevention and a professorship of Fire Service Science. The Brandweeracademie is part of the Instituut Fysieke Veiligheid, the institute for disaster relief and public crisis management in the Netherlands.

European Fire Safety Alliance

The European Fire Safety Alliance is a project to reduce the risk from fire in the home and is delivered by an Alliance of Professionals from within the European Fire Sector. The European Fire Safety Alliance believes the vast majority of fire deaths that occur following an accidental fire in the home are preventable. It is also true that fire discriminates inasmuch as it affects the most vulnerable people (particularly the elderly) in the most vulnerable areas of society.

Note: In this folder, any differences in use of definitions in selected European countries are not taken into account. Therefore the results should be interpreted with caution.



De Brandweeracademie is onderdeel van het Instituut Fysieke Veiligheid.



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Fatal residential fires in Europe



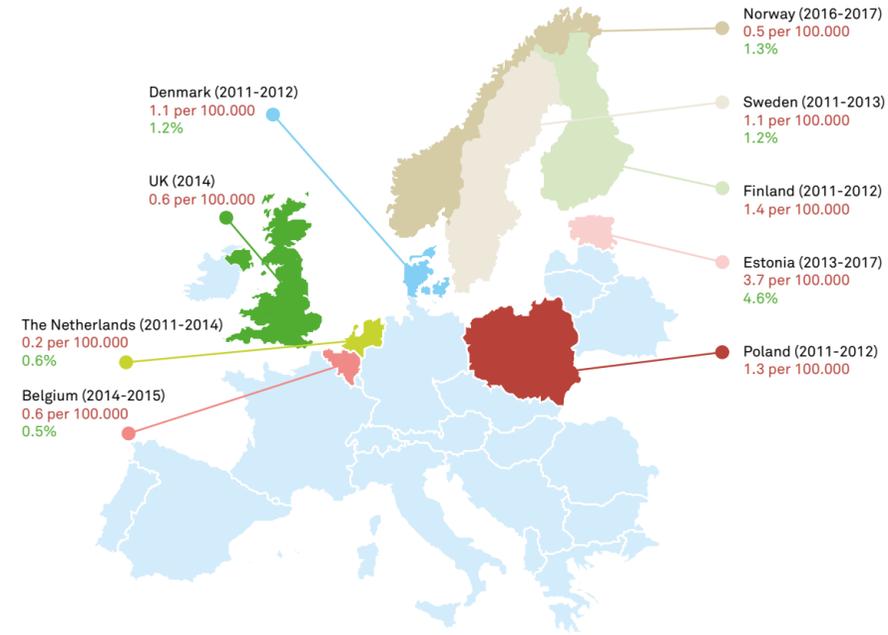
De Brandweeracademie is onderdeel van het Instituut Fysieke Veiligheid.

Fatal residential fires

Total number of inhabitants in selected countries: 160.2 million

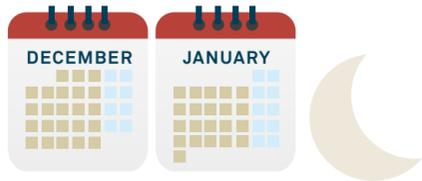
Fatalities per capita per year (approx.) in the selected countries

% fatal fires (related to all residential fires)

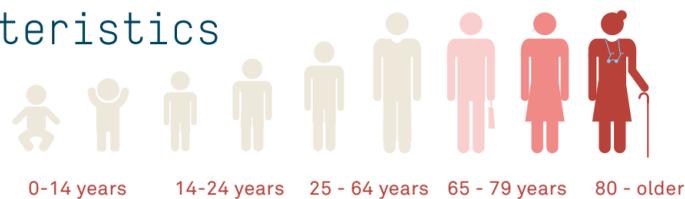


Time

In European countries, fatal residential fire tend to occur more often in: the **winter months** (especially December and January), **weekends** (especially on Saturdays), and at **night**.



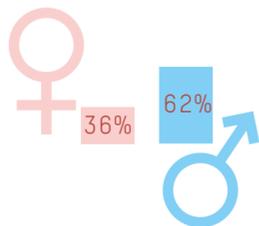
Human characteristics



Age

Relating the age distribution of fatalities to the age distribution of the overall population shows that:

- > **Elderly (65+)** are overrepresented in fatal residential fires in all selected countries.
- > People **older than 80** are at highest risk of fatal residential fires.

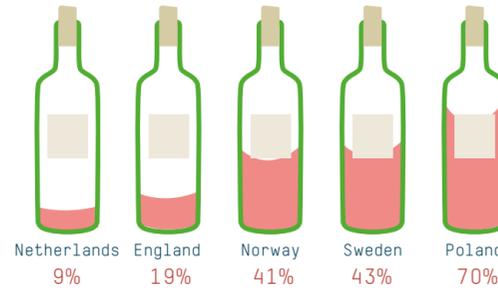


Gender

Compared to the overall gender distribution in European countries, **men are at a higher risk** of dying in a fatal residential fire than women.

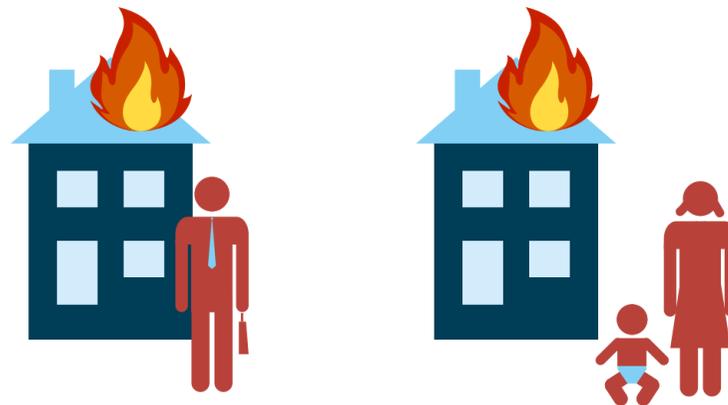
Alcohol consumption

Compared to other European countries, a high percentage of fatal residential fires in **Poland, Norway and Sweden** is linked to alcohol consumption.



Living situation

Related to respective sociodemographics, **single (parent) households** are at higher risk of fatal residential fires than other households in 5 out of 9 selected countries: England, Finland, the Netherlands, Norway and Poland.



Building characteristics

Housing type

Related to the respective distribution of building types, **living in apartments / flats** is identified as a risk factor for fatal fires in 4 out of 9 selected countries: Denmark, the Netherlands, Norway and Sweden. (For the other countries, this information is not known).



Fire characteristics

Cause of the fire

