

ATAL AMDDIFFYN YMATEB
PREVENTING PROTECTING RESPONDING



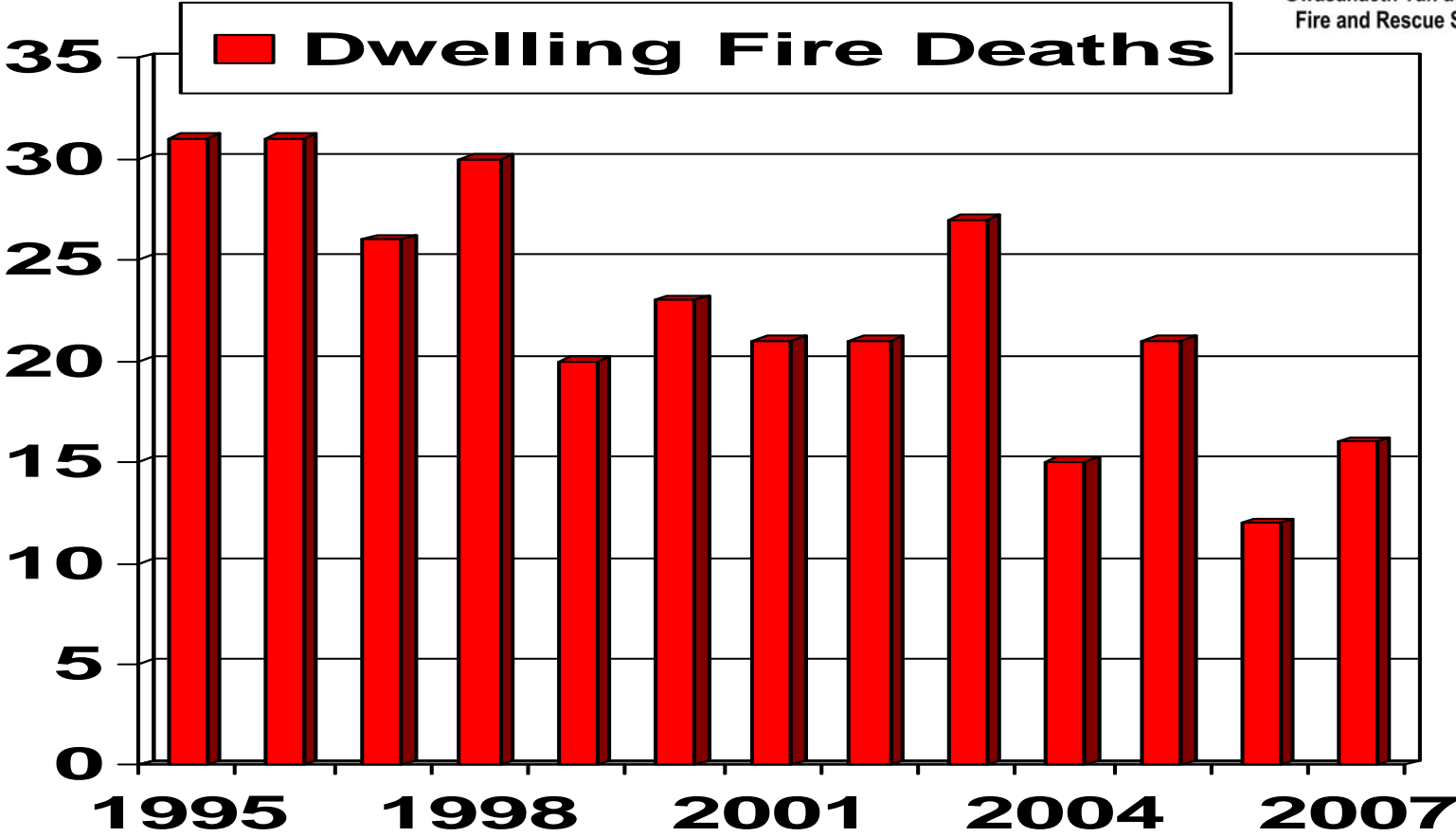
Gwasanaeth Tân ac Achub
Fire and Rescue Service

Residential Sprinklers

Colin Hanks
Assistant Chief Fire Officer



Gwasanaeth Tân ac Achub
Fire and Rescue Service





Did you know?

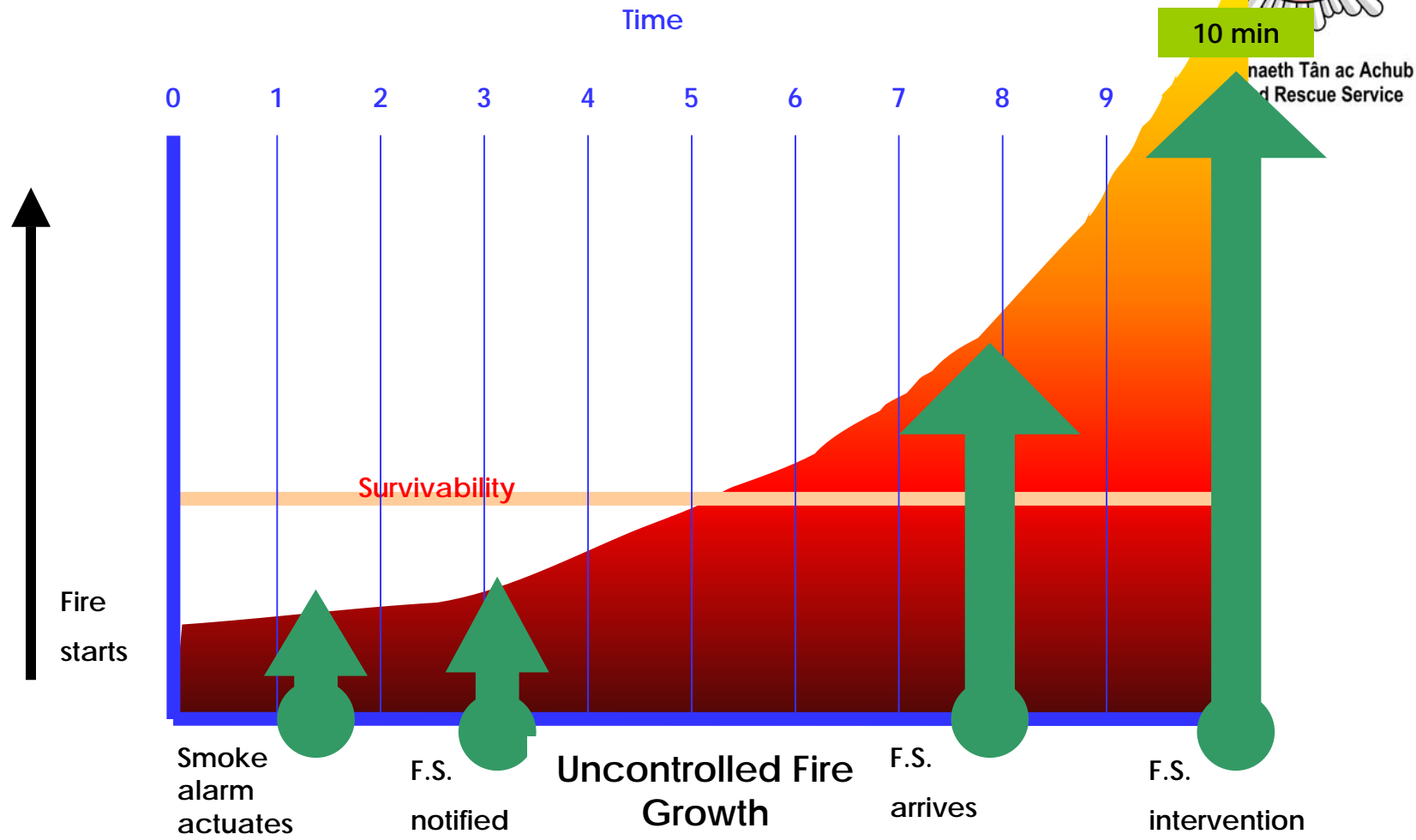
- On average around 20 people die in fire each year in Wales
- Each day 2 people will be injured
- 80% of all fire related deaths and injuries occur in the home
- People do not die collectively in domestic fires.



Are smoke alarms enough to save lives?

- In excess of 10% of smoke alarms fitted in dwellings are inoperable.
- Smoke alarms may alert people, but they will not tackle a fire.

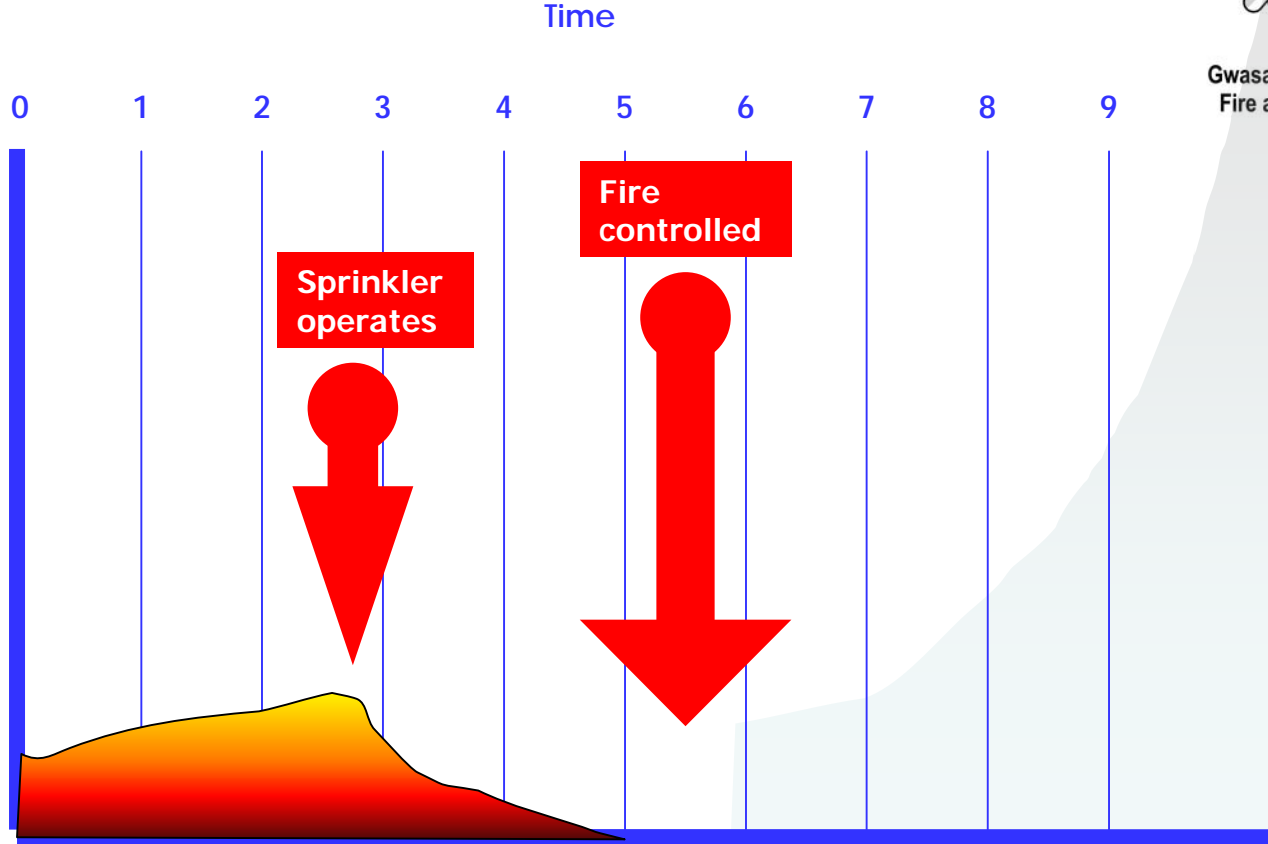
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Controlled Fire Growth using Sprinklers



Vancouver

- April 1990 – law for **all** new homes to have sprinklers
- Result? Dramatic decrease in fire deaths in the home

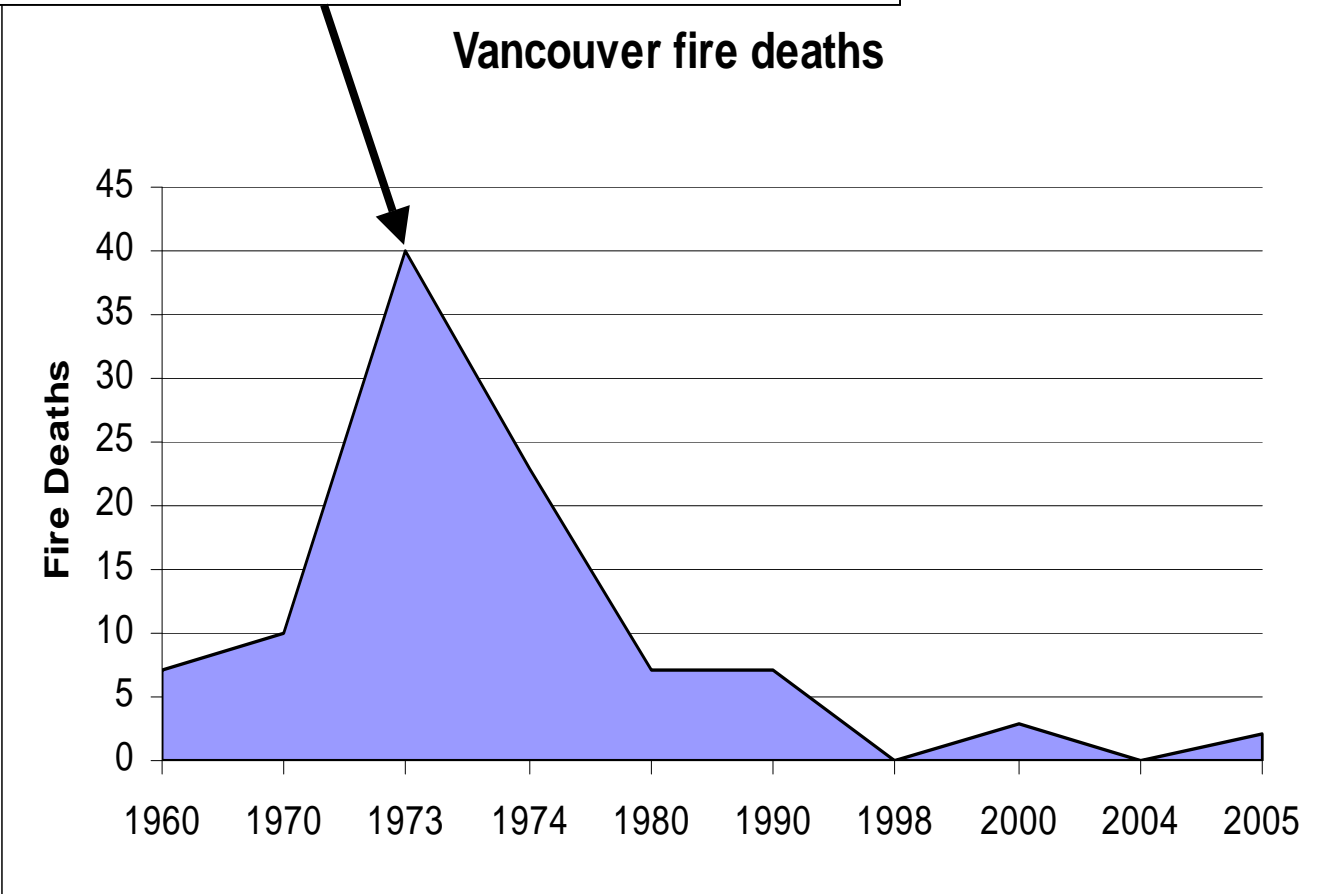
We Can Learn from other Countries

- Compulsory Sprinklers increase competition and halve the costs



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Sprinkler by-law legislation first introduced





Common Myths

- Burnt toast cannot set off sprinklers
- All the heads will not go off
- The system will not 'false alarm' or go off accidentally
- Water will not cause more damage than the fire

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- All you see is the white plate at ceiling level

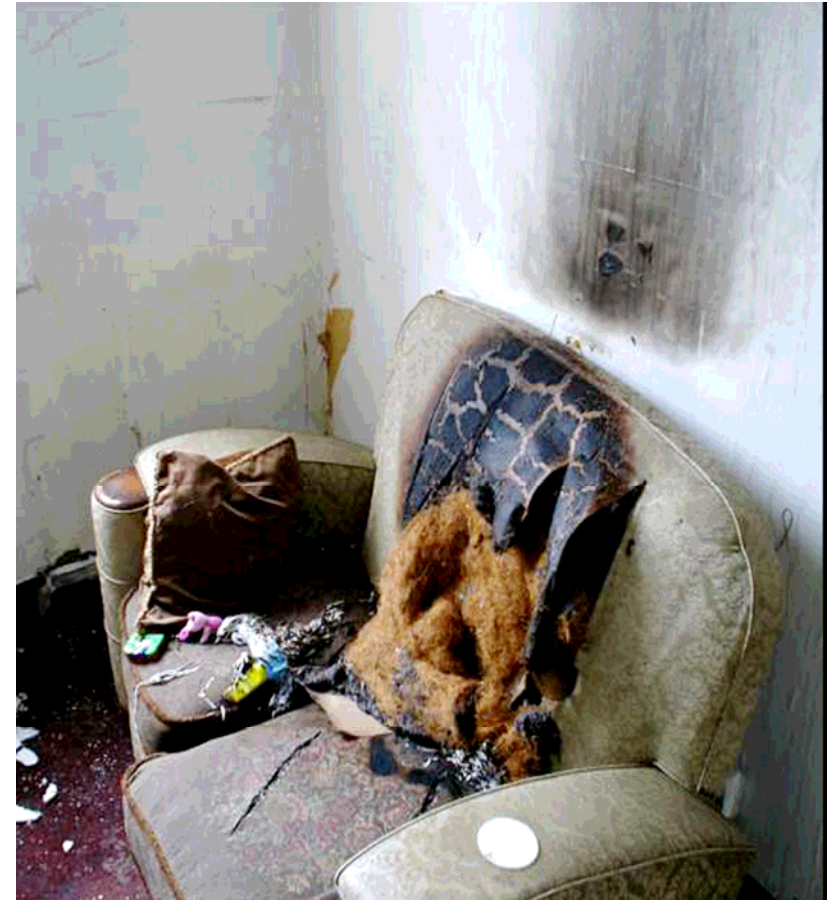


No Sprinkler



Sprinkler

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A fire fighter in every room, ready
and waiting – **So what are we
waiting for?**