

Residential Sprinklers

- When fire sprinklers alone are installed in a residence, **the chances of dying in a fire are reduced by 69%**, when compared to a residence without sprinklers.*
- When **both** smoke alarms and fire sprinklers are present in a home, **the risk of dying in a fire is reduced by 82%**, when compared to a residence without either.*
- Using quick response sprinklers and approved piping, **homes can be built or even retrofitted to include low-cost automatic sprinkler systems** connected to the domestic water supply.



A Case Study Prince George's County, MD

In Prince George's County, MD, a sprinkler ordinance has been in place for 15 years. During these 15 years statistics show the following:

- A total of **101 people died** in single-family and townhouse fires with **no fire sprinklers**.
- A total of **328 civilian injuries** in single-family and townhouse fires with **no fire sprinklers**.
- There were **0 fire deaths in homes protected with fire sprinklers**.

* Studies conducted by the U.S. Fire Administration (USFA) and the Building and Fire Research Laboratory at the National Institute of Standards and Technology (NIST).



FEMA

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For information and resources on this subject, visit **www.usfa.dhs.gov/citizens/focus**