

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

U.S. Fire Administration

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