Scottsdale Report: A 15-year study

- Scottsdale Sprinkler Ordinance implemented 1/1/86 and evaluated through 1/1/01
  - 41,408 homes have sprinklers (more than 50%)
- 598 home fires, 49 fires in sprinklered homes
  - No deaths in sprinklered homes
  - 13 people died in homes without sprinklers
  - 92% controlled with two heads or less
Scottsdale Report: A 15-year study

- Less water damage in sprinklered homes
  - Sprinkler systems discharged an average of 341 gallons of water/fire
  - This compares to an average of 2,935 gallons of water/fire that would have been released by firefighter hoses
Scottsdale Report: A 15-year study

- Less fire damage in sprinklered homes
  - Average fire loss per single family sprinklered fire incident: $2,166 (15 yrs, 49 fires)
  - Average fire loss per unsprinklered residential incident: $45,019 (1998-2001 86 fires)
Annual Fire Loss Comparison
City of Scottsdale vs. National Average

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<tr>
<th>Year</th>
<th>Scottsdale</th>
<th>National Average</th>
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