

# 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

