Model Performance in Community Risk Reduction

SYMPOSIUM 2020

Fire Safe South Carolina - Statewide Support for Station-Based Community Risk Reduction Programming

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South Carolina State Fire – Office of State Fire Marshal
Vision 20/20
MODEL PERFORMANCE IN COMMUNITY RISK REDUCTION
SYMPOSIUM

FORMATIVE EVALUATION
Planning

South Carolina

• Top 10 in fire fatalities since 1980s

• History of fire prevention statewide

• Community Risk Reduction Team
  – Started 2011 (3 personnel)
  – As of 2020 (8 personnel)

• CLEAR Team (Fire Fatality Research)
  – 2018 Model Performance Symposium

Barriers to CRR Statewide Adoption

• Lack of unity/direction
• Resistance to change
• Staffing/volunteer fire service
• Time
• Finances / alarm resources
• Inconsistent educational messages
• Relationships
• Poor data practices
• Training
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MODEL PERFORMANCE IN COMMUNITY RISK REDUCTION
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PROCESS EVALUATION
MODEL PERFORMANCE IN COMMUNITY RISK REDUCTION
Implementation

• FSSC launched in Summer 2017
• Mission and goals defined
  – Injury reduction
  – promote consistent messaging
  – increase data quality
  – provide valuable resources
Implementation

• Phase I – County Meetings (43 of 46 completed)
  • Program overview
  • Partnership engagement
  • Community risk assessment
  • Core four messaging
    – Right Alarm – Right Location
    – Fire Drill Plans and Prep
    – Fire Sprinklers Save Lives
    – See a Problem – Take Action
Implementation

• Phase II – Goal-Setting Survey (2019)
  – 76 or 11% statewide completed
    • Data practices
    • Partnerships
    • Community engagement
    • Staff training

• Phase III – Recognition (Summer 2020)
  – FSSC Community

• Phases II – III to repeat annually
IMPACT EVALUATION
Short-Term Results
Short-Term Results
Short-Term Results
Short-Term Results

- Alarm Installations
  - 20,000/year (Smoke/CO/HOH)
  - 103% increase in FD partners
- 2019 S.C. Fire and CRR Summit
  - 300 attendees
- FLSE Quarterly Training
  - 40% attendee increase
- NFIRS Reporting
  - 4% annual increase
  - 50% invalid rate reduction
- American Red Cross Database
  - 76 of 699 lives saved attributed to S.C. (11%)
OUTCOME EVALUATION
Long-Term Results

- 1989 – 2019
  - 60% reduction
- 2017 – 2019
  - 30% reduction

South Carolina Fire-Related Fatalities (1989 – 2019)

*Confirmed as of February 2020
RECOMMENDATIONS
Recommendations

- Review history
- Define problem & goal before action
- Use all 5 E’s of CRR – not just education
- Support CRR champions
- Encourage state-to-state networking
- Build equity
- Data + Partnerships = Action
Contact Information

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