Model Performance in Community Risk Reduction

SYMPOSIUM 2020

SeniorBSafe

Matthew Phillips
Assistant Fire Marshal
FORMATIVE EVALUATION
Gwinnett County-Formative Evaluation

• 437 square miles; 16 cities; ~ 1 million residents
• Diverse population
• Distinct areas of concerns for senior residents:
  – Fire prevention
  – Injury prevention
Gwinnett County-Process Evaluation

- Working in teams of 2 (when possible)
- Home Exterior
- Carbon Monoxide alarms
- Cooking Appliance

- Bedroom/Bathrooms
- Laundry /Mechanical
- Miscellaneous
- Slips, Trips and Falls
- Medication

Grab bars installed by partner, Home Repair Ministries.
IMPACT EVALUATION
Gwinnett County- Impact Evaluation

• 670 homes visited
  – 1,293 residents
  – Original goal 500 homes
• Community involvement (anecdotal)
• Fire Operations increased involvement (anecdotal)
Gwinnett County-Impact Evaluation

728 SeniorBSafe surveys completed during 2018 (2019 in process)

• 1,025 smoke alarms installed by Fire Education during 2018
  – 78% had existing smoke alarms
  – 62% smoke alarms were older than 10 years
Gwinnett County-Impact Evaluation

• 686 CO alarms installed during 2018
  – Only 20% of senior residents had CO alarms

• 301 Smart Burners installed during 2018
  – 94% of seniors reported attending food while cooking; average of 2 meals per day being cooked

• 110 residents received grab bars
Gwinnett County-Outcome Evaluation

• Anticipating decline in:
  – Cooking fires
  – Severity and frequency of fire injuries
  – Severity and frequency of fall injuries
RECOMMENDATIONS
Gwinnett County- Recommendations

• Identify vendors/volunteers for grab bar installations early in the process
• Identify a RMS early and document entire process
• Solicit local station buy-in early
Contact Information

Matthew Phillips | Assistant Fire Marshal | Gwinnett County Government
678.518.4962 |
408 Hurricane Shoals Rd., Lawrenceville, GA 30046 | www.gwinnettcounty.com