CDC’s Smoke Alarm Installation and Fire Safety Education Program

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Centers for Disease Control and Prevention
National Center for Injury Prevention and Control
The Public Health Burden Residential Fires, 2006

- Deaths: 2,580
- Reported Injuries: 12,500
- Reported Home Fires: 396,000
- Unreported Fires and Injuries: ????

SOURCE: National Fire Protection Association (NFPA)
Unintentional Residential Fire Death Rates by Age, U.S., 2002-2004

Data source: NCHS' National Vital Statistics System using WISQARS

SAFER • HEALTHIER • PEOPLE™
Risk Factors for Fires and Injury

- Low income
- Alcohol users
- Smoking in home
- Disabilities
- Lack of working smoke alarms
The Smoke Alarm

- 96% report having them
- 75% have at least one working
- 66% of home fire deaths in home without working smoke alarms
- Risk of death reduced by 50%
Smoke Alarm Installation & Fire Safety Education Program

- CDC started program in 1998
- Mostly work through state health departments
Smoke Alarm Installation and Fire Safety Education Program

Indicates a city/FD grantee

Indicates a Children’s Hospital grantee
Smoke Alarm Installation & Fire Safety Education Program: Key Elements

- High-risk communities (urban & rural)
- Local collaborations
- Door-to-door canvassing
- Lithium-powered smoke alarms
- Installations
- Fire safety education
- Follow-up
### Smoke Alarm Installation and Fire Safety Education Program

**Oct 1998 through Sept 2007**

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homes Canvassed</td>
<td>446,015</td>
</tr>
<tr>
<td>Homes Enrolled</td>
<td>185,152</td>
</tr>
<tr>
<td>Smoke Alarms Installed</td>
<td>324,616</td>
</tr>
<tr>
<td>Lives Potentially Saved</td>
<td>1,467</td>
</tr>
</tbody>
</table>
Future and Ongoing Plans

- Current funding cycle through FY2010
- Evaluation
  - Changes in knowledge and behaviors
  - Alarm functionality
Opportunities for Collaborations

- Activities to high risk homes
- Communities across the state
- Partnerships with fire departments
Further Information


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