

Addressing fire-safety challenges

October 24, 2018 | Megan Fitzgerald-McGowan | Program Coordinator

Agenda

- The data
- The risks
- The resources







Benefits

- **Economics**
- Shared responsibilities
- Support for care of family members





MULTIGENERATIONAL HOUSEHOLDS are becoming more common. This living arrangement allows families of different generations to come together to face many challenges — raising children, caring for aging parents, and managing housing costs, job loss, and single parenting.

- . There are about 4.2 million multigenerational households in the United States with children under
- according to the U.S. Census Bureau. This represent three percent of all U.S. households. 65% of multigenerational homes include the head of
- 34% of multigenerational households include the head of household with a parent and child.
- . There are roughly 360,000 home fires every year
- . Home fires kill roughly 2,500 people per year. In addition, nearly 13,000 fire injuries are reported each year.
- . Seven people die in home fires every day. . The National Fire Protection Association (NFPA estimates that three of every five home fire deaths resul
- from fires in homes with no smoke alarms or no working
- Smoke alarms should be replaced after 10 years. They don't last forever.
- Unintentional falls are the leading cause of non-fatal injuries treated in hospital emergency departments
- for most age groups. . More than 6 million adults age 25 and older and more than 1.5 million children under age 10 are treated in
- hospital emergency departments for unintentional
- unintentional death for adults 65 and older, accounting for more than 20,000 deaths in a recent year.



Statistics

- Multi-family living situations are on the rise
- Doubled since 1980
- Increases the fire-safety challenge



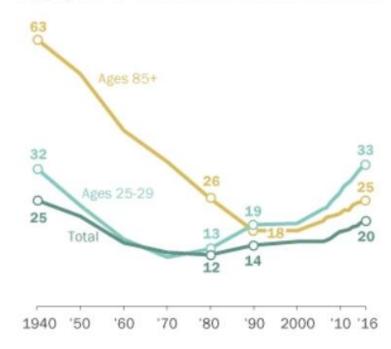
Millennials





Young adults most likely age group to live in a multigenerational household

% of population in multigenerational households



Note: Multigenerational households include at least two adult generations or grandparents and grandchildren younger than 25.

Source: Pew Research Center analysis of 1940-2000 decennial censuses and 2006-2016 American Community Survey (IPUMS).

Pinehurst Single Story • 3,628 Sq. Ft. • 4 Bedrooms • 3.5 Bathrooms • 3-Bay Garage • Den/5th Bedroom





Main Home

- 3,000 Square Feet
- 3 Bedrooms
- 2.5 Bathrooms
- 2-Bay Garage

Private Suite

- 628 Square Feet
- 1 Bedrooms
- 1 Bathrooms
- 1 Datilioonis
- Private Entrance
- Kitchenette
- Laundry
- Living Area
- 1-Bay Garage

Priced from the mid \$400s





Snapshot

- Multigenerational homes may include:
 - older adults;
 - very young children;
 - people with disabilities.





Risks

Fires



Falls





Risks: fire

- There are 360,000 home fires every year leading to 2,500 deaths.
- Almost 13,000 fire injuries are reported each year.
- Seven people die in home fires every day.
- Three of five home fire deaths result from fires in homes with no smoke alarms or no working smoke alarms.
- Smoke alarms should be replaced after 10 years. They don't last forever.

2014 Mar. 11



Risks: falls

 Falls are the leading cause of non-fatal injuries treated in hospitals for most age groups.

 More than 6 million adults 25 and older, and more than 1.5 million children younger than 10, are treated in emergency departments for fall injuries. EVERY YEAR?

- Falls are the most common hazard leading to unintentional death for adults 65 and older.
- Many fall injuries are linked to stairs, ramps, landings or floors.



Key messages

- Make sure your home has working smoke alarms on every level, inside each sleeping room, and outside each separate sleeping area. Interconnect the alarms so when one sounds, they all sound.
- Test alarms at least once a month by pressing each test button.
- Plan your home escape. Share the plan with family and guests.
- Smoke alarms may not wake up children. Older adults may not hear the alarm. Assign someone to help children, adults and people with disabilities escape.





Key messages

- Ensure your home has bright lighting in stairways to prevent falls.
- Remove clutter to prevent falls and allow for a quick escape.
- Install handrails along the full length of both sides of the stairs.
- The plan should include two ways out of every room, and an outside family meeting place.
- If there is a fire, get outside quickly and stay outside. Then call 9-1-1.

RESOURCES

Bring Awareness

Who's at risk?



- Children under five and adults over 65 are vulnerable
 BUT . . .
- The risk of non-fatal injury from fire is highest for those between 20 and 49
- Therefore, fire-safety education is essential for everyone
- Additional risk factors: race; socio-economic status; education; location

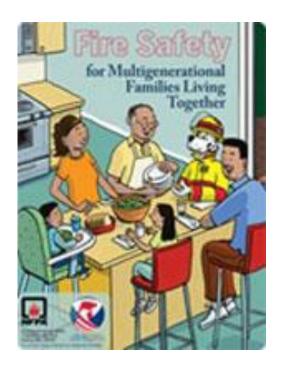


FIRE SAFETY MINUTE PLAN YOUR HOME FIRE ESCAPE!



Community Toolkit

 Use the following resources from the NFPA and the U.S.
 Consumer Product Safety
 Commission to reach out to multigenerational families living together in your community.



Program Components

Talking about fire safety for multigenerational families living together

- Lesson plan <u>10-minute lesson plan</u> (PDF) for adults living in a home with residents representing at least three generations.
- Fire safety for multigenerational families living together safety tip sheet. (PDF)
- <u>Fast facts</u> (PDF) about fires and falls in the home.



Customizable Media Resources

- Fill-in the blank news release: <u>(TOWN/CITY) Fire</u>
 <u>Department Encourages Multigenerational Households to Practice Fire Safety</u> (docx)
- Fill-in-the-blank Op/Ed: <u>Multigenerational housing</u> (docx)
- Fill-in-the-blank letters to the editor
 - Multigenerational households becoming more common (docx)
 - Response to local multigenerational living fire incident (docx)



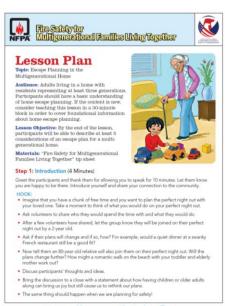
Infographics







10 minute lesson plan



Escape Planning in the Multigenerational Home -Step 2: Body (5 minutes) . Briefly review home escape plan basics o If the smoke alarm sounds, stop what you are doing and go outside. o Have two ways out of every room o Have an outside family meeting place o Practice the escape plan at least twice . Inform participants that it is very important to include everyone who lives in the home when creating the escape plan. They must consider everyone's needs - from the youngest to the oldest - when planning how to get out safely. . Ask: What are some special considerations in a home escape plan if you have a young child or an older adult living with you? . Discuss the responses and be sure the following points are covered: o Take action so everyone can escape quickly and safely: Make sure your home has bright lighting in stainways to prevent falls. Remove clutter to prevent trips and falls and a quick escape. Install handrails along the full length of both sides of the stairs. o If you have escape ladders in the home, use them safely. Practice using the ladder from a first floor window. Make sure you can do it correctly and quickly. Children should only o Practice the escape plan with everyone who lives in your home. Teach children how to escape on their own in case the adults cannot help them. Make sure all doors and windows that lead outside open o Smoke alarms may not wake up children. Older adults may not hear the smoke alarm. Assign someone to help children, older adults and people with disabilities escape. Step 3: Conclusion (1 minute) . Remind participants that it is important to make sure everyone's needs and abilities are considered when making an escape plan. . Thank the participants for allowing you to speak to them for a short time. . Hand out the "Fire Safety for Multigenerational Families Living Together" tip sheet for participants to take home . Share your contact information and encourage attendees to reach out with questions.

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Fire Safety for Multigenerational Families Living Together

NFPA • 1 Batterymach Park, Quincy, MA 02169 + www.nfpa.org/education

ONFPA 20

Fire Safety for Multigenerational Families Living Together

NEPA * 1 Battermarch Park, Quincy, MA 02169 * www.mfpa.org/education



Fire safety tips

Smoke Alarms are Important

Practice your Fire Drill

Get Outside and Stay Outside





ONFPA 2016



Media tools

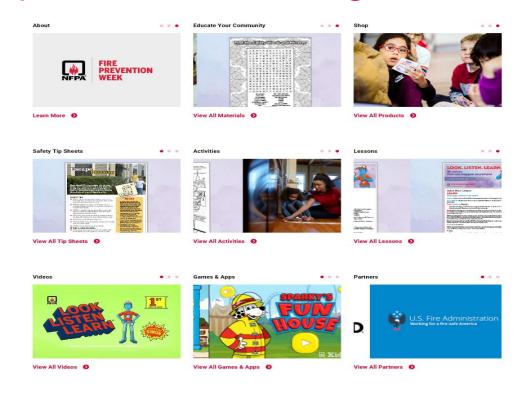
- Campaign / outreach initiatives
 - Fill-in-the-blank news release
 - Fill-in-the-blank op-ed
 - Fill-in-the-blank letter to editor
 - Multigenerational households becoming more common
 - 2. Response to local multigenerational living fire incident





www.firepreventionweek.org







Teach Fire Safety

Introduce Fire Prevention Week to students and your community through fun, interactive lessons and activities for all ages.

















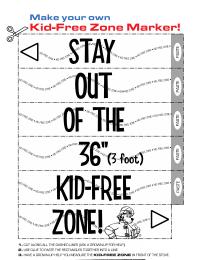




Elementary School Lesson 🕹

Teach fire safety

- Elementary lesson plan English and Spanish
- Escape grid English and Spanish
- Adult lessons
- Middle-school lesson
- Coloring sheet with word search
- Kid-free zone activity







Middle-school lesson

- Recognize that cooking is the No. 1 cause for residential home fires
- Identify fire safety risks in the kitchen around food preparation
- Determine which foods and snacks are less risky to prepare
- Brainstorm safe snacks



Unattended cooking was by far the leading contributing factor in these fires and in fire casualties. Ranges or cooktops accounted for the majority (62%) of home cooking fire incidents and an even larger share of

paper. Explain that these fires can only be eliminated by eliminating the heat source.

Ask students if they can identify likely places in the kitchen where a fire may occur. List them on the board or flip pen anywhere:



HOME FIRE SAFETY

Teens who are preparing food for themselves and others in the home (cont.)

Brainstorm safe snacks that could be prepared without using a heat source. List them on the board or flip chart. Share or exchange recipes or preparation of snacks that do not require using a heat source. Make suggestions on foods that will satisfy their hunger and taste good too.

Visit these websites for some suggestions:

https://www.superhealthykids.com/recipe-category/no-cook

https://www.theorganicprepper.com/99-healthy-meals-and-snacks-for-people-who-cant-cook

Be prepared to answer questions related to fires that may start with microwaves and other appliances. Consider

addressing adolescents who have received safety training from a parent or babysitting certification.

Step 3: Conclusion (3-5 minutes)

- Review: Ask students to recall why the leading cause of home fires is cooking.
- Remind students that the only way to eliminate the chance of a cooking fire in the home, while they are home. alone or in charge of other children, is to eliminate the heat source.
- Encourage students to practice and model safe behaviors for themselves and younger children.





Videos, games, and apps

- Videos for public education, and kids
- Free games and apps by age, reading level and device
- More about fire safety:

www.nfpa.org

www.sparky.org

www.sparkyschoolhouse.org





Tools for high-risk populations



- Older adults
- Rural fire safety
- People with disabilities
- Urban fire and life safety



Free safety tip sheets



Home safety for people with disabilities

There's no place like home. It is a place to relax, share laughs with family, and enjoy home cooked meals. But did you know that the majority of fire deaths occur in the home? Help everyone in the home stay safe from fire.

Download the safety tip sheet.



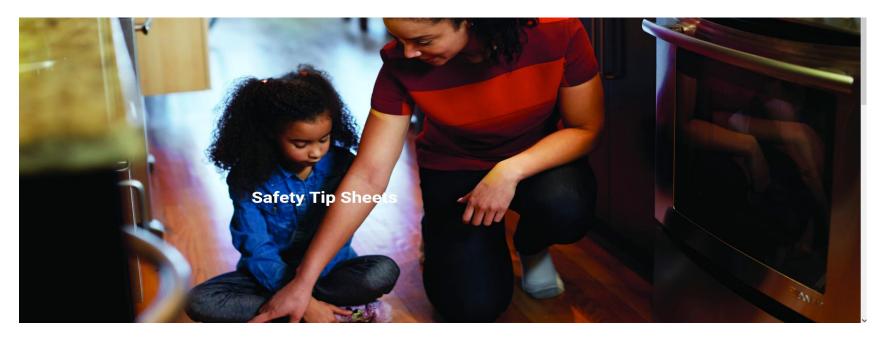
Smoke alarms for people who are deaf or hard of hearing

Working smoke alarms save lives. However, people who are deaf or hard of hearing may not be able to depend on the traditional smoke alarm to alert them to a fire.

Download the safety tip sheet.



Safety Tip Sheets





Safety tip sheets

- Customize for your audience
- Multiple languages and easy to read















