

Fire Department Update
Barb Huber, Fire Chief

March 28, 2022

PUEBLO FIRE CORE VALUES

Safety, Customer Service Excellence, Integrity, Dedication, and Vision. Other goals and objectives include but are not limited to:

1. Provide emergency response and assistance to all incidents, including fire, hazardous materials, rescue and EMS in timeliest manner possible.

2. Provide comprehensive code enforcement and public education programs that will assist businesses and citizens in fire prevention and safety.

3. Provide emergency service during times of natural disaster, such as floods and major storms.

4. Provide excellent customer service to the citizens of Pueblo.

5. Provide a communication process to evaluate needs and desired services by the citizens of Pueblo.

Staffing

Fire

Staffing Detail

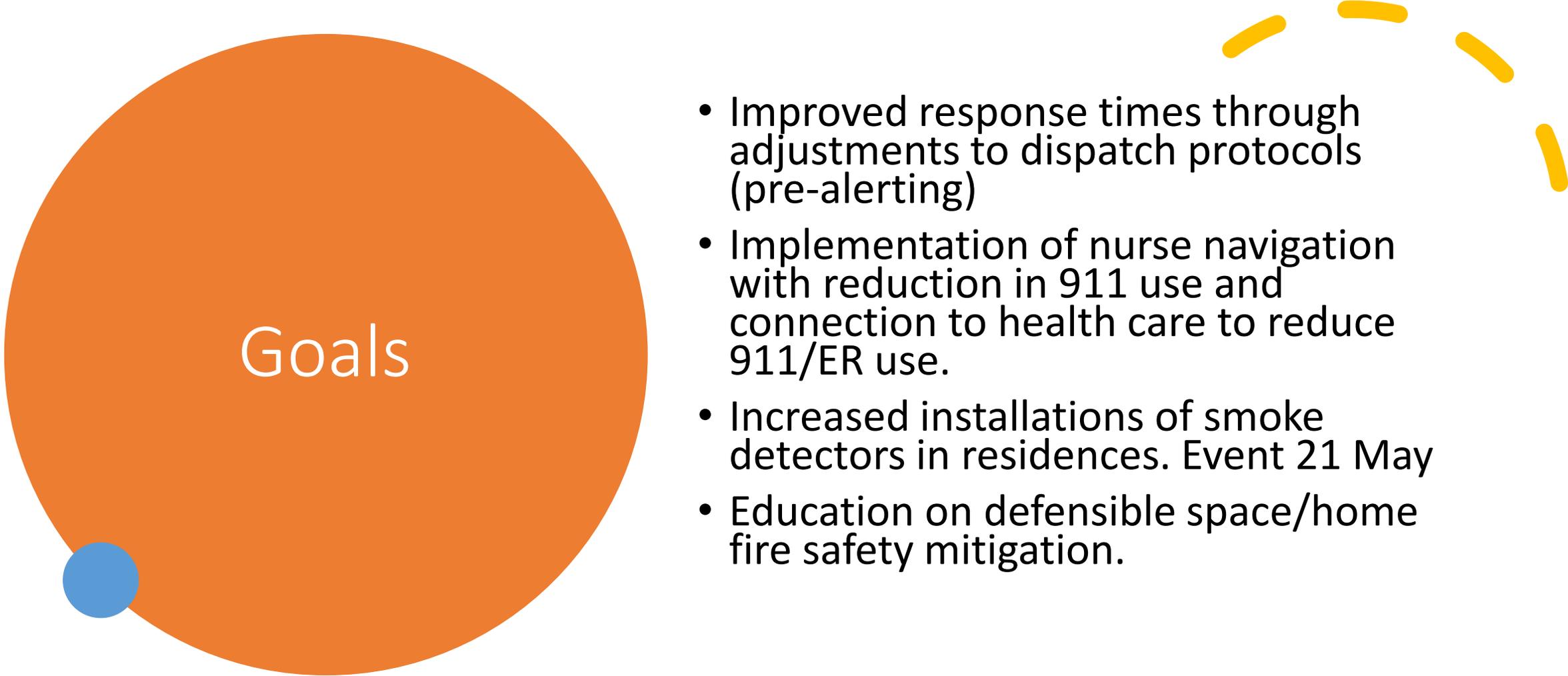
Title	2019	2020	2021	2022
Fire Chief	1	1	1	1
Deputy Fire Chief	2	2	2	2
Assistant Fire Chief	3	3	3	3
Fire Captain	32	32	32	33
Fire Inspector	2	2	2	3
Emergency Medical Officer	30	31	31	31
Fire Engineer	39	39	39	36
Firefighter	34	34	34	38
Administrative Technician	1	1	1	1
Senior Office Assistant	1	1	1	1
Total	145	146	146	149

Increases 2022: THANK YOU!

- Funded 2nd Deputy Chief
- Added 3rd Inspector
- Added 2 more Firefighters

Minimum additional Needs (2023-24):

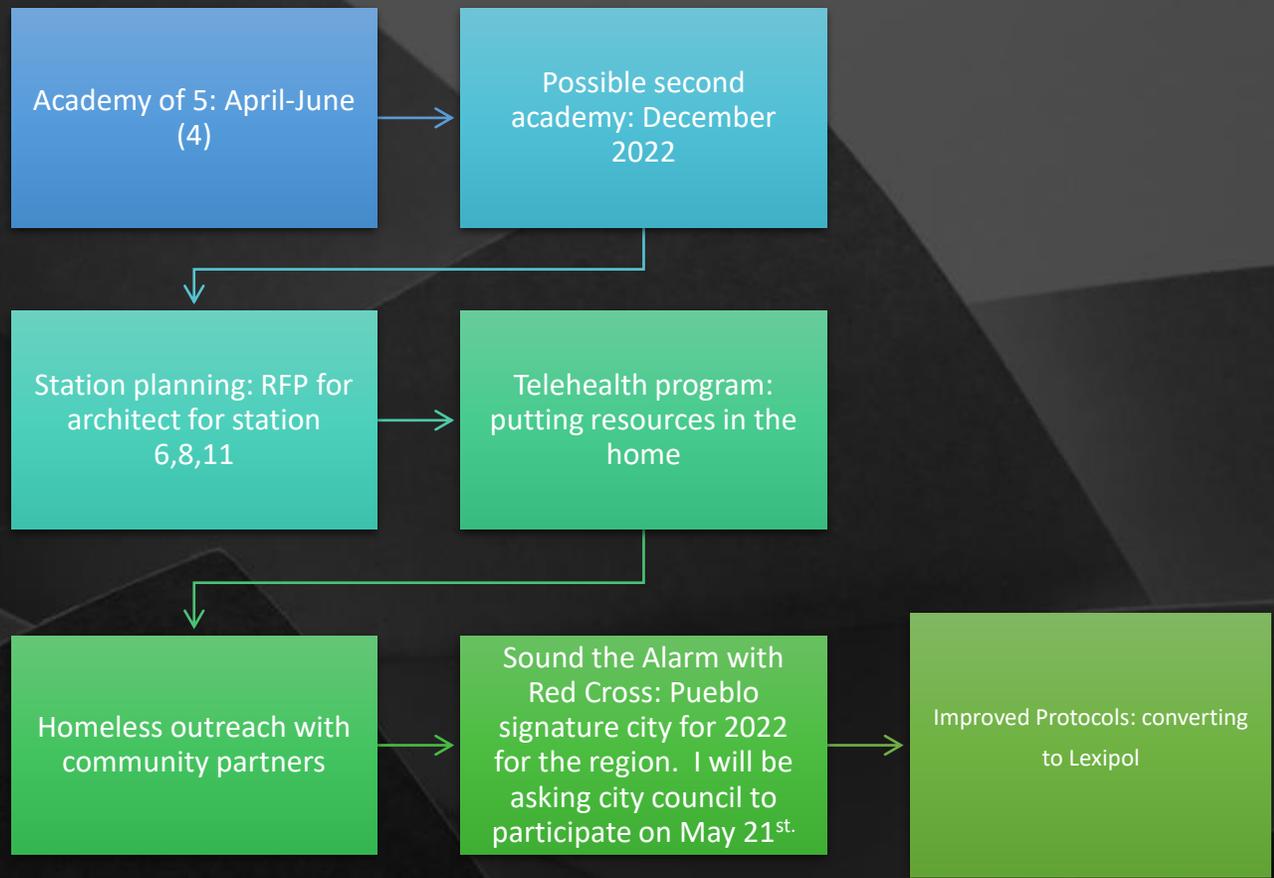
- add 9 -12 positions for Station 11 staffing



Goals

- Improved response times through adjustments to dispatch protocols (pre-alerting)
- Implementation of nurse navigation with reduction in 911 use and connection to health care to reduce 911/ER use.
- Increased installations of smoke detectors in residences. Event 21 May
- Education on defensible space/home fire safety mitigation.

Projects 2022



Grants/Community collaboration

Health Colorado and Triple Aim: putting telehealth in hands of dots patients

Department of Homeland Security: Nurse Navigation grant. Diverting 911 calls to Nurses line

Firehouse Subs: electric bikes for large crowd events to improve response and safety

Pending grants: Assistance to Firefighters (AFG) pumper and air compressor

Staffing Adequacy for Fire and Emergency Response: requested 9 positions in preparation of staffing needs for Station 11. (pending)

\$1000 donated for transportation needs from Health Solutions.

Counselor from Parkview and Peer Supporter from Health Solutions rides/provides services with DOTS.

Challenges/Solutions



CALL VOLUME



WILDLAND URBAN
INTERFACE



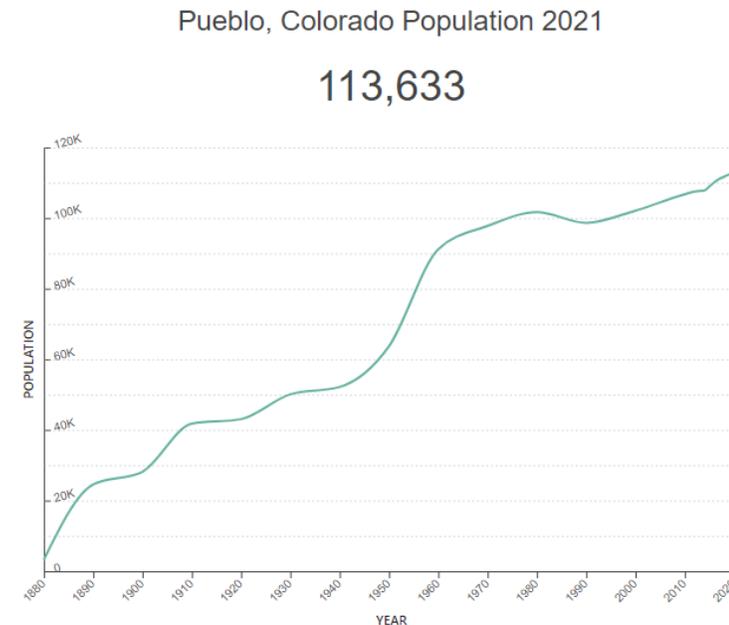
Procurement timelines
For equipment.

Increases impacting the Fire Department: Call volume, population and territory

Call Volume increases

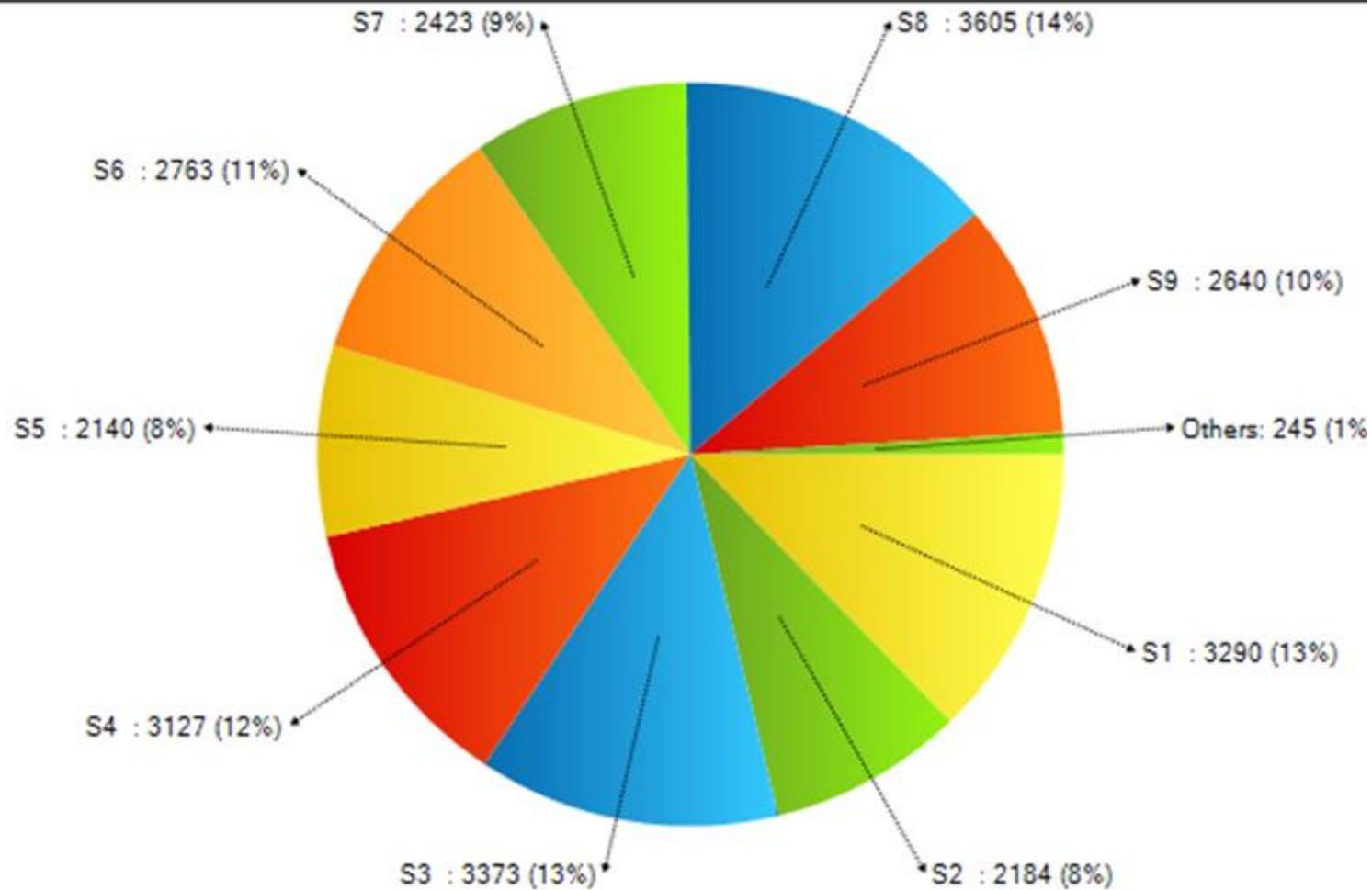
Year	Total Calls	Percentage Increase	
2012	16691		
2013	18167	8.12%	
2014	19811	8.30%	
2015	21018	5.74%	
2016	22537	6.74%	
2017	22846	1.35%	
2018	23547	2.98%	
2019	23631	0.36%	
2020	23713	0.35%	
2021	24967	5%	

Pueblo, Colorado Population 2021

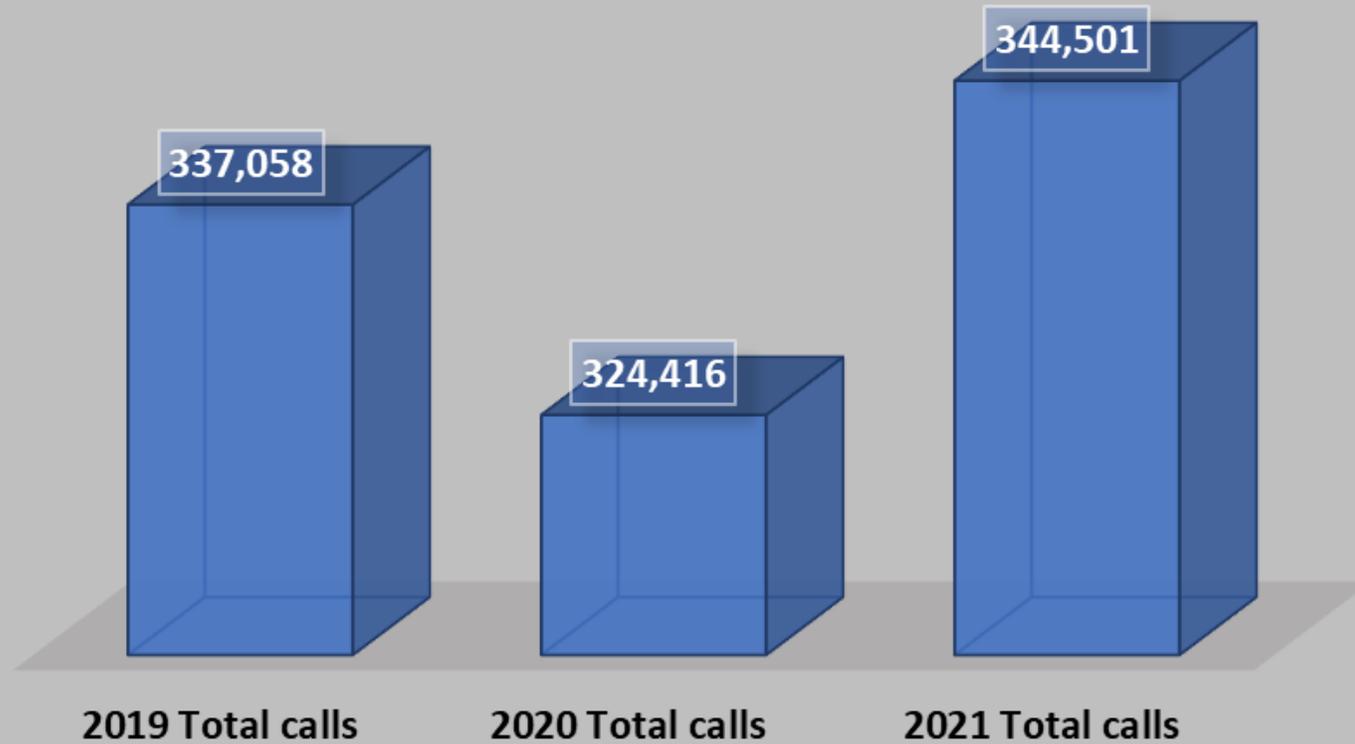


Homelessness from 2020 – 2021 saw at least a **4% increase** (from 13% in 2020 to 17% in 2021): this population utilizes 911 resources at a greater rate, putting more demands on resources.

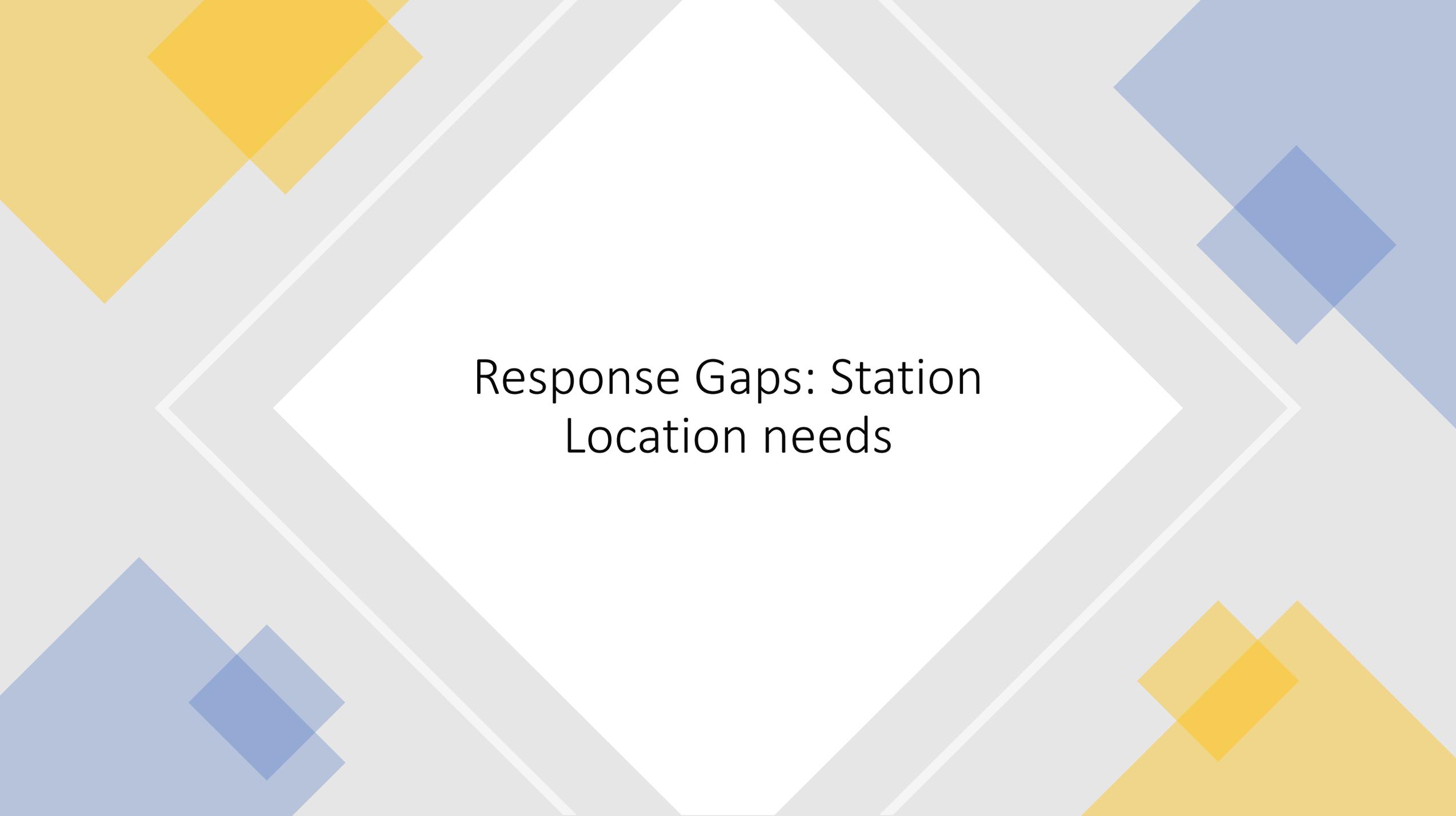
2021 Calls for service by Station



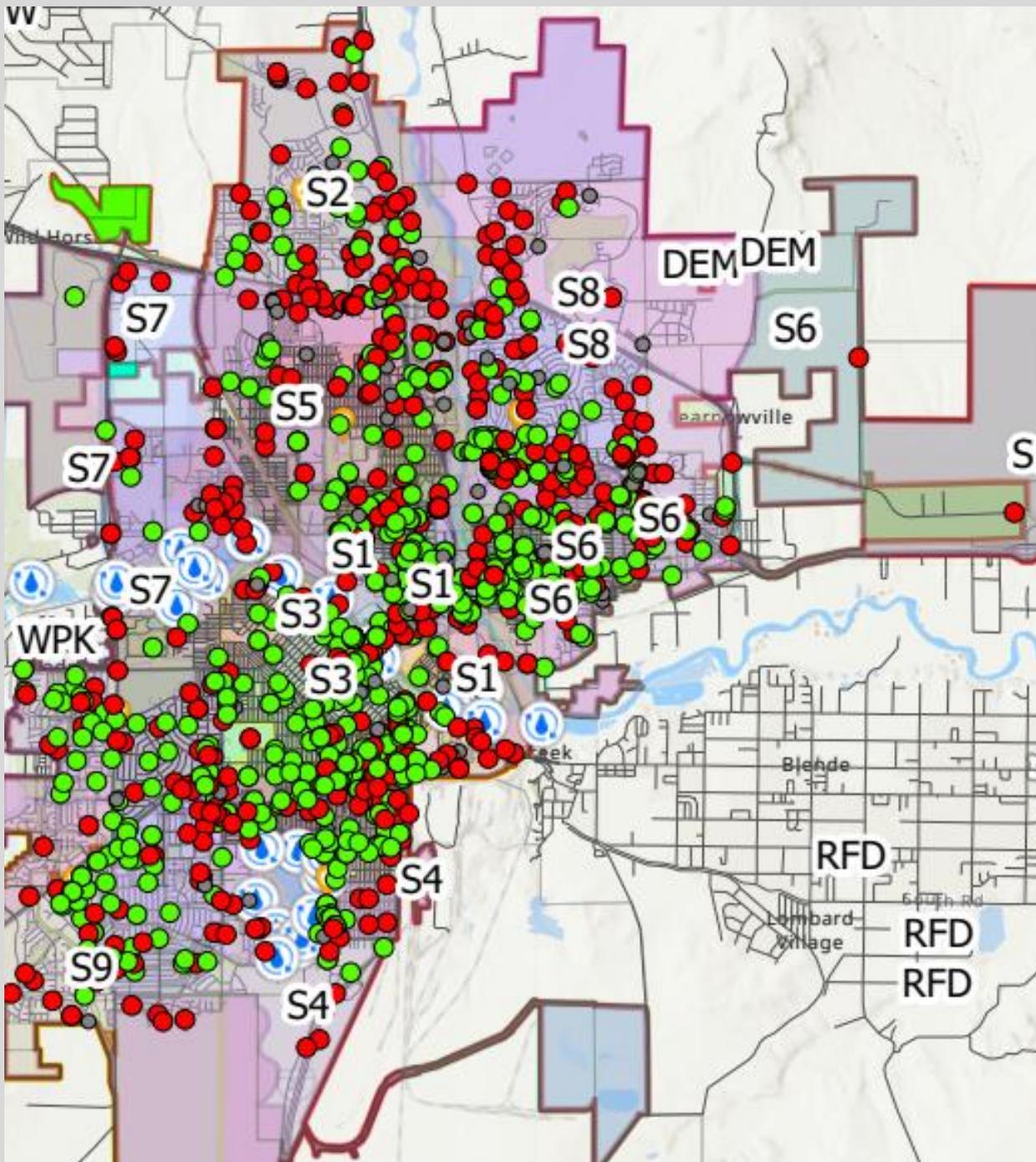
ANNUAL PHONE CALL COMPARISON 2019-2021



Dispatch:
Call
information



Response Gaps: Station
Location needs



Fire Responses

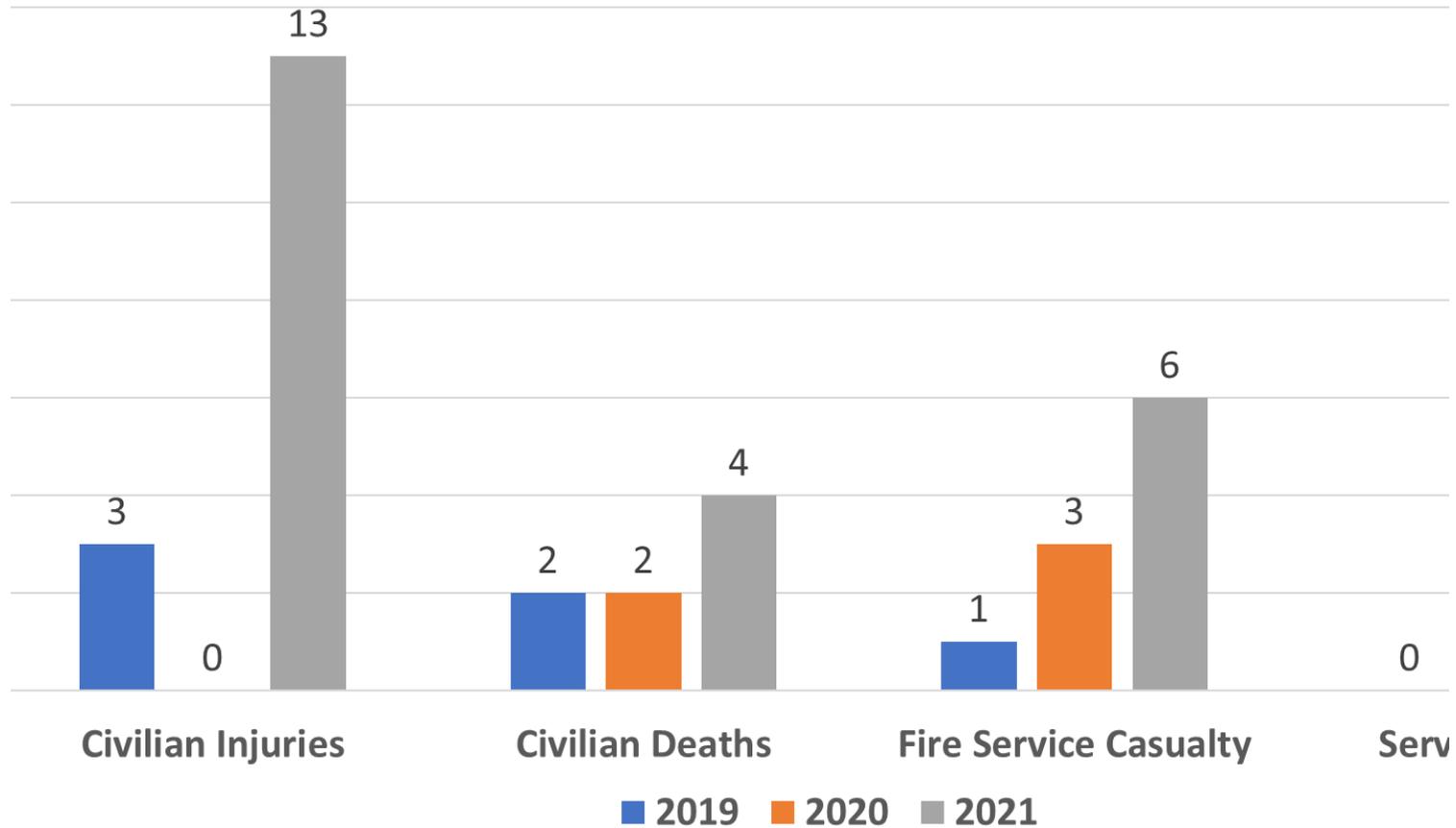


Fire Mitigation for Homes



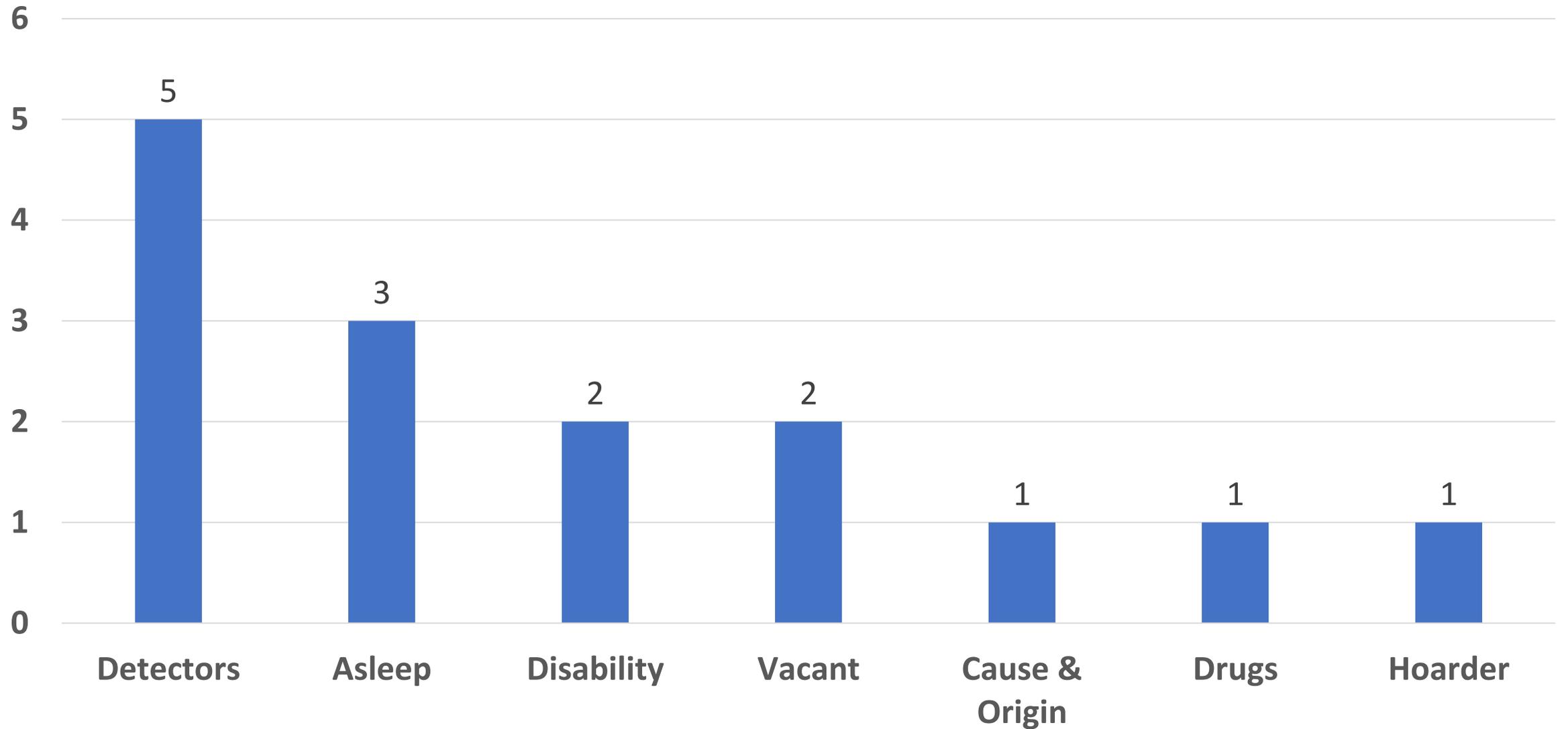
In the home: working smoke detectors

Injuries and Deaths

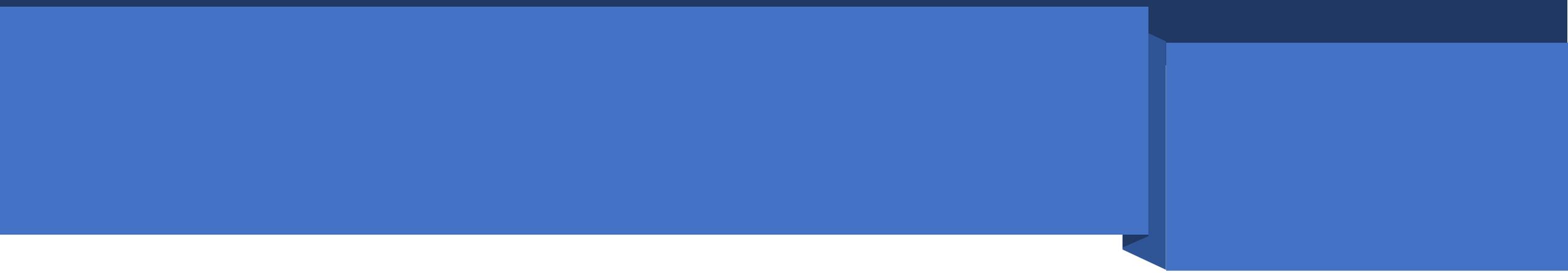


Smoke
Detectors!
Sound the
Alarm

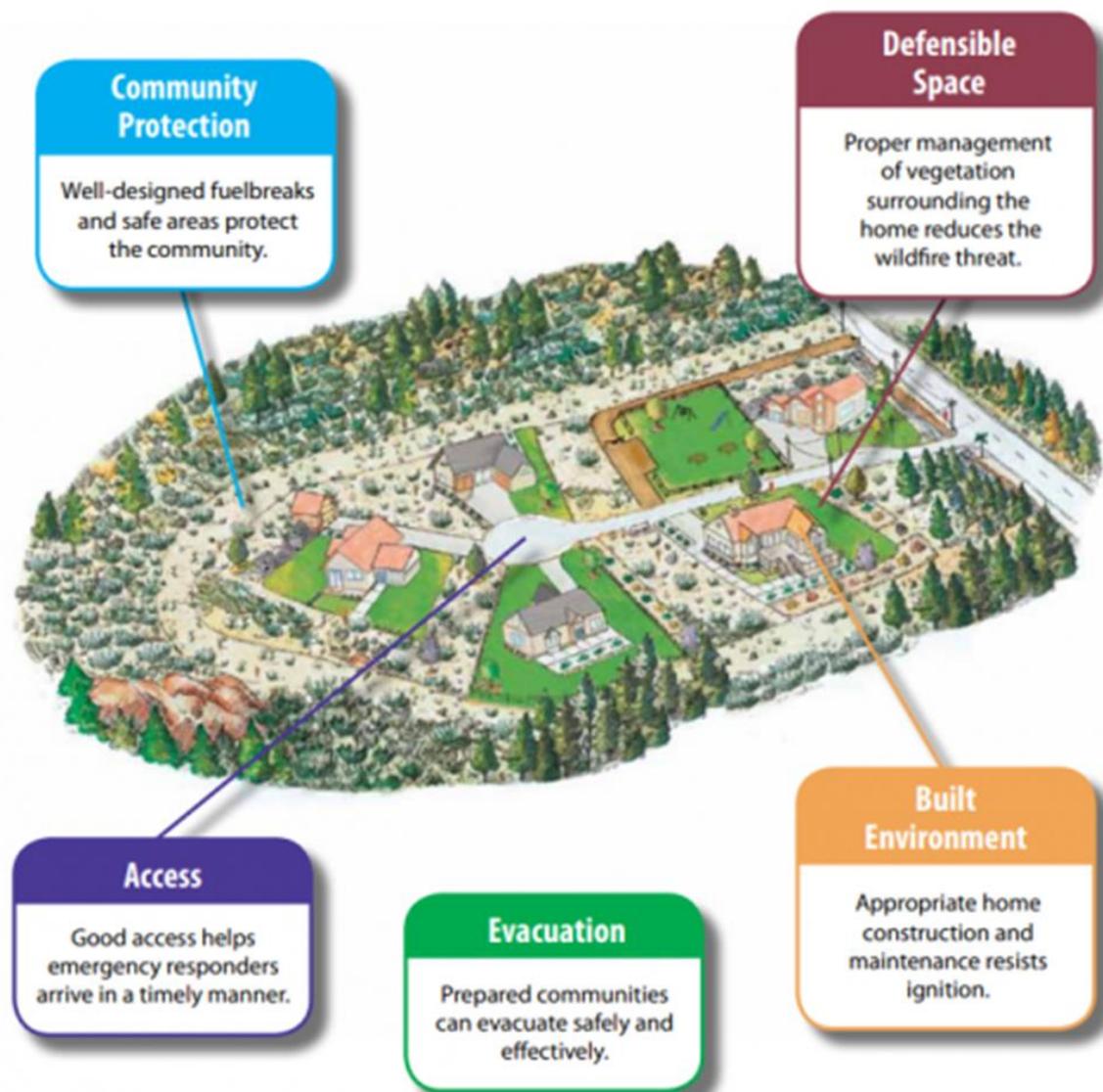
2021 Risk Factors For Civilian Injury/Death



Around the home

The bottom of the slide features two horizontal blue bars. The first bar is a solid blue rectangle spanning most of the width. The second bar is a slightly shorter blue rectangle positioned to the right of the first, creating a stepped effect.

The Elements of a Fire Adapted Community



Protect people, pets and property from wildfire.

Following these tips, along with making improvements to the landscape surrounding your home, can help reduce your wildfire risk.

If you live in the wildland urban interface, consider replacing your roof with Class A fire-rated materials and installation assemblies.

Seal gaps around windows, doors and eaves with caulk.

Seal the bottom of the garage door.

Plan and practice how to evacuate early.

Screen all vents with 1/8-inch noncorrosive metal mesh.

Check your home's roof and the roofs of outbuildings for areas where leaves, pine needles and other materials can build up and burn.

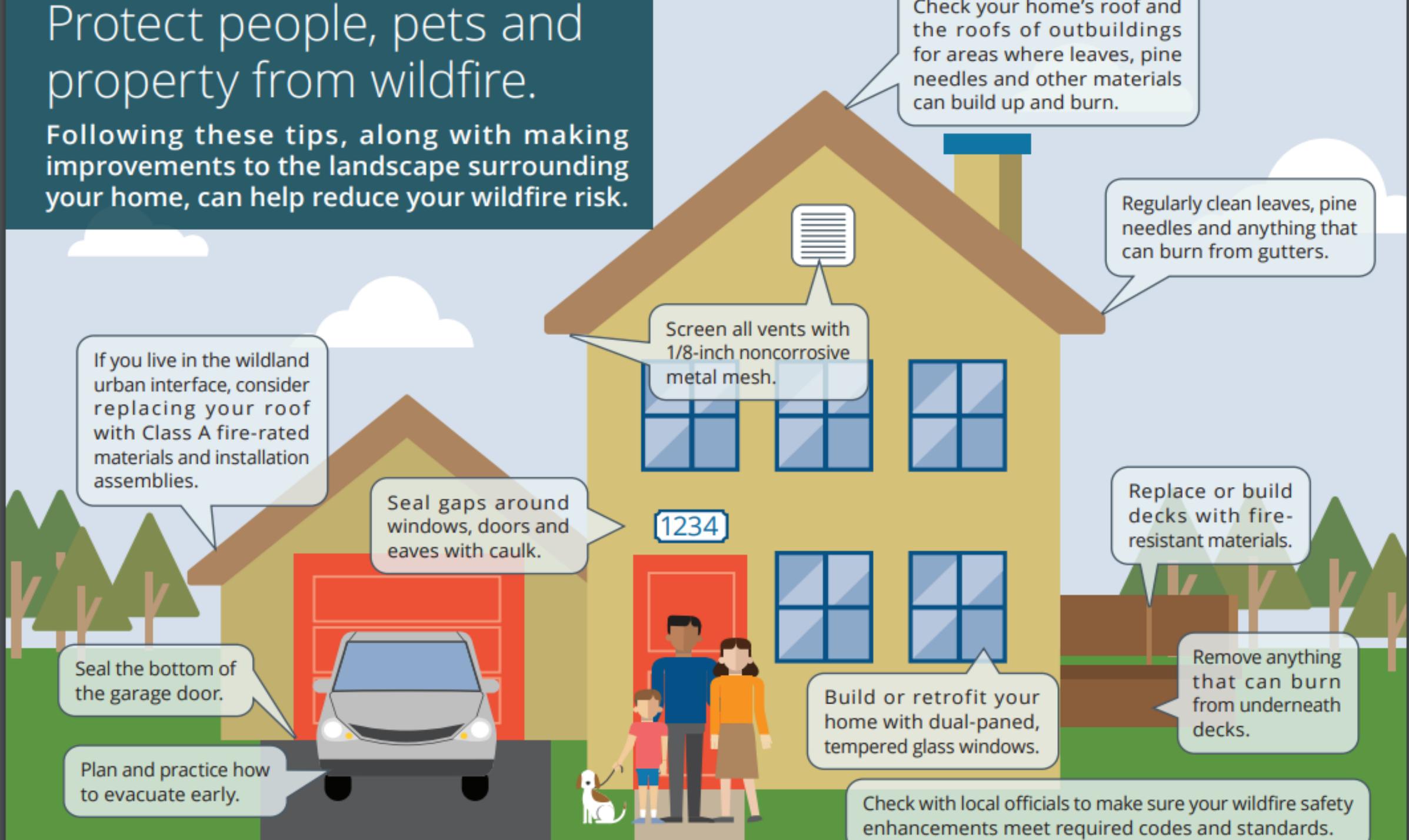
Regularly clean leaves, pine needles and anything that can burn from gutters.

Replace or build decks with fire-resistant materials.

Remove anything that can burn from underneath decks.

Build or retrofit your home with dual-paned, tempered glass windows.

Check with local officials to make sure your wildfire safety enhancements meet required codes and standards.



Lessons learned from the Marshall Fire

Swiss Cheese effect

Opt in	Dry	Long	Fill in	Weather
<ul style="list-style-type: none">• Opt in: 911 notifications• A MUST!	<ul style="list-style-type: none">• HOA's: dry fences (being able to paint)• Water supply	<ul style="list-style-type: none">• Long period of no precipitation with high grasses from Spring rain.	<ul style="list-style-type: none">• Personnel: fill in Chiefs (level of experience and readiness)	<ul style="list-style-type: none">• Weather conditions: 100+ mph winds could not be overcome• A fire engine driving at 45 mph was passed by the fire travel• Fire traveled 3 miles in less than 30 minutes.• Fire embers the size of softballs• Mitigation of open spaces!

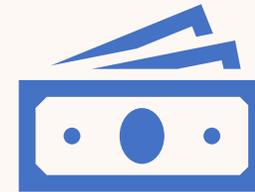
Delays in equipment procurement



Affect from Pandemic



Double time frame for
big items



Costs increased

Unit#	Description	Year/Make/Model	year	Fuel Type	Engine Replaced	Hours/miles	Projected replacement	10 year	15 year	20 year
30	quint	Pierce 2000	2000	dsl				2010	2015	2020
31	Engine type 1	2011 Sutphen	2011	dsl				2021	2026	2031
51	truck 105'	Pierce 2008	2008	dsl			2022-2023sta	2018	2023	2028
81	heavy rescue	Pierce 2006	2006	dsl			2022-2023sta	2016	2021	2026
hgmt		Pierce 2004	2004	dsl				2014	2019	2024
32	Quint	Pierce 2005	2005		Jun-17			2015	2020	2025
33	Engine type 1	Pierce 2006	2006		Jan-21			2016	2021	2026
34	Engine type 1	Spartan 2019	2019					2029	2034	2039
35	Engine type 1	Pierce 2016	2016					2026	2031	2036
36	Engine type 1	Pierce 2008	2008		Nov-19			2018	2023	2028
37	Engine type 1	Pierce 2016	2016					2026	2031	2036
38	Engine type 1	Sutphen 2011	2011		Sep-20			2021	2026	2031
39	Engine type 1	Spartan 2019	2019					2029	2034	2039
41	Engine type 1	Pierce 1994	1994		Oct-14			2004	2009	2014
45	Engine type 1	Pierce 1997	1997		Jul-12			2007	2012	2017
49	Engine type 1	Pierce 2000	2000		Feb-20			2010	2015	2020
54	Truck	Pierce 1988	1988					1998	2003	2008
foam 44	ARFF		2014	2014				2024	2029	2034
foam 43	ARFF		1991	1991				2001	2006	2011

Fleet: ongoing need, 2-year process from RFP to vehicle delivery



Questions