CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT
FIRE • RESCUE • EMS

Deputy Chief Brian Helmick

Fire, Rescue, EMS Semiannual Update City of Brentwood City Council
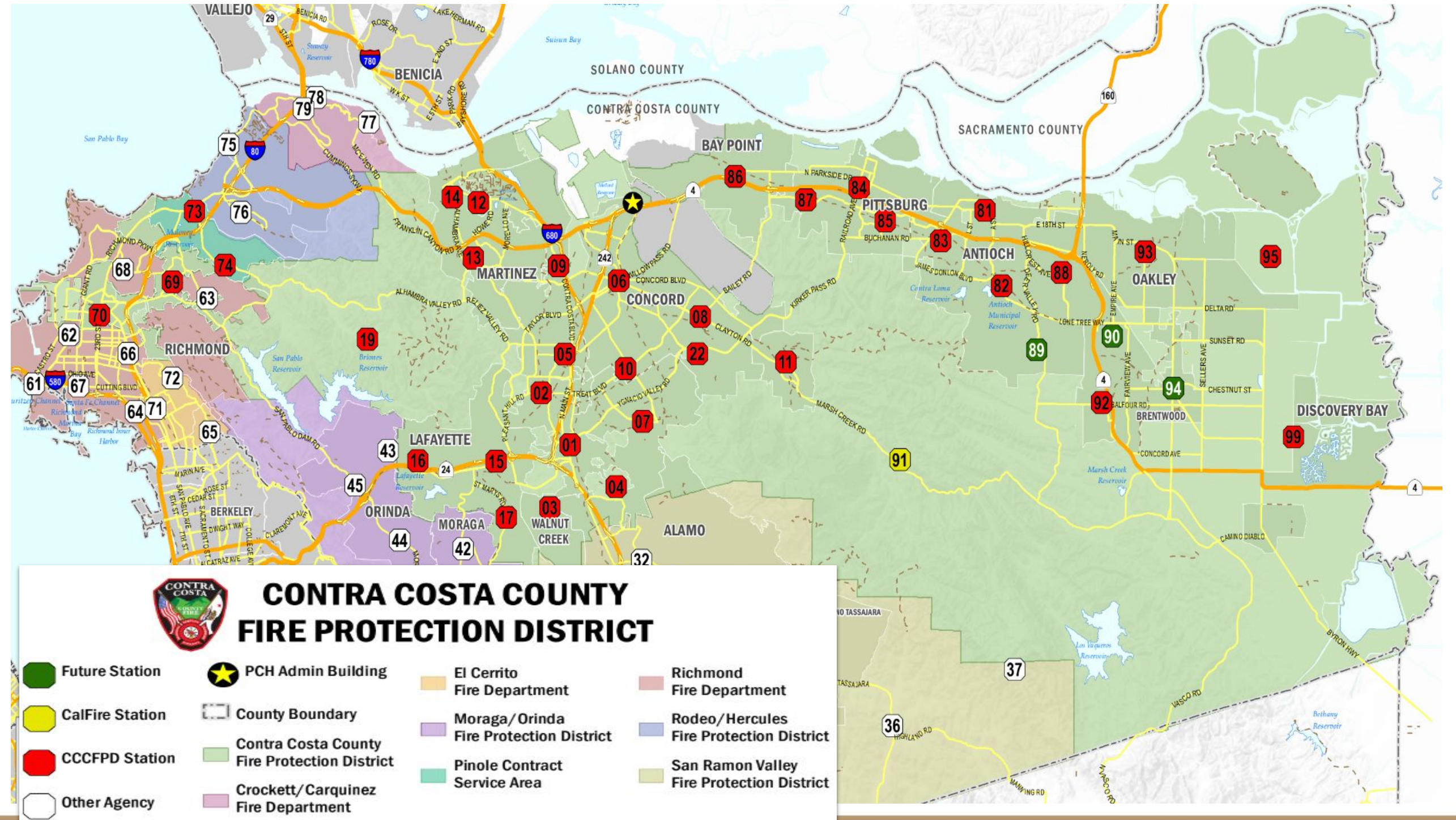
May 9, 2023

Service • Leadership • Teamwork • Safety and Preparedness • Professionalism • Integrity

Your Fire "Department" at a Glance

- Countywide fire, rescue, EMS & ambulance service
- One of the largest special fire districts in California
- Dedicated to preservation of resident life and property

About Our District - Crews and Facilities

- **500+ Employees**
- **33 Fire Stations and 36 Crews**
- **Fleet of 250 Specialized Vehicles**
- **Specialty Programs**
- **Expanded Service Area**

Specialty Programs Serve Our Residents

- Ambulance Transport Alliance
- Aviation
- Crew 12
- Fire Dozer
- Fire Investigation
- Haz Mat
- Health and Wellness
- K 9 – Search & Arson
- Marine
- Rescue
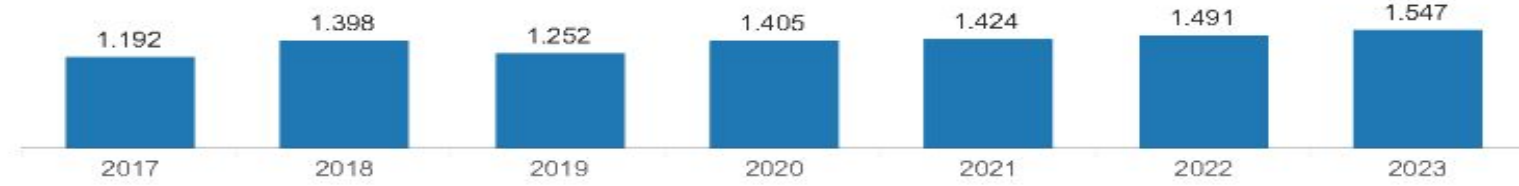- UAV
- FEMA Urban Search & Rescue

What's New

- **East Con Fire Annexation Complete**
  - 19 Firefighters Staff Battalion 9 from Two Additional Fire Stations
  - Advanced Life Support Now Districtwide
  - New Stations in Planning
- **Serving Pinole and West County from Stations 73 & 74**
- **Crew 12 Countywide, Year-Round Resource**
- **Residents Wildfire Mitigation Projects Program**
- **Fire Stations 4, 86, and 95 Opened Last Year**
- **Construction Plans for Three New Stations Underway**
- **SAFER Grant Adding B8/B9 Crews in 2023**
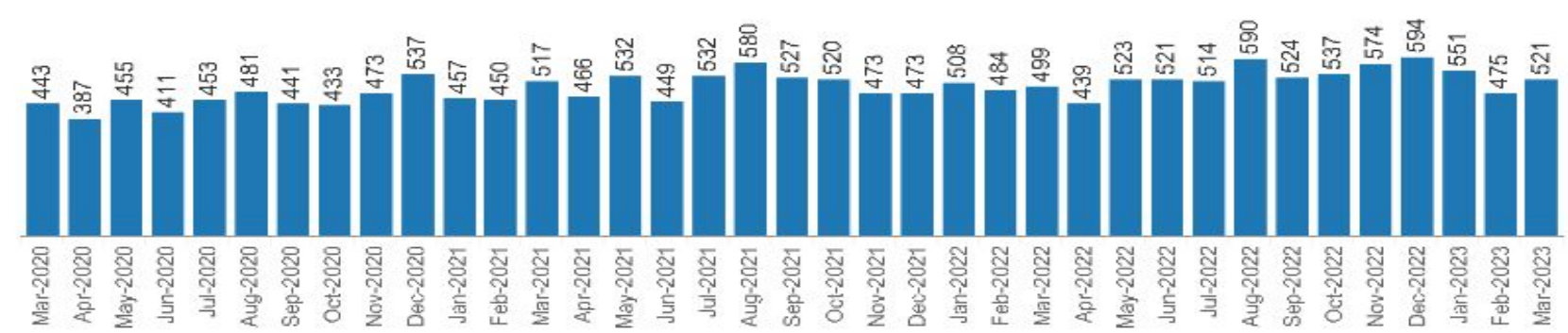- **K9 Program – Accelerant Sniffing Baxter Joins Team**
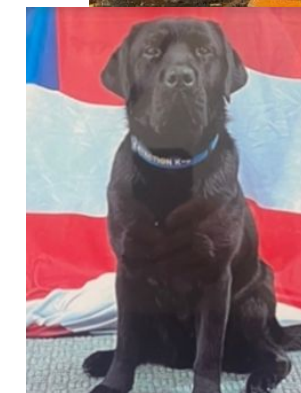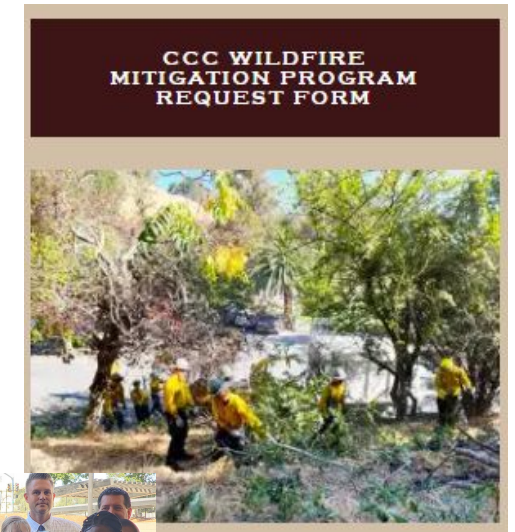
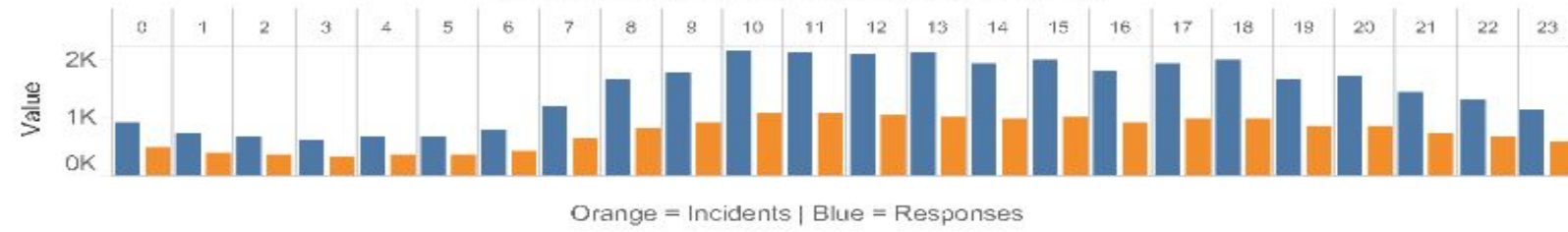# Detailed Look at the City of Brentwood– as of March 2023

Incident Counts by Year (YTD)

2017	2018	2019	2020	2021	2022	2023
1.192	1.398	1.252	1.405	1.424	1.491	1.547

Incident Counts by Month (Last 36 Months)

Mar-2020	Apr-2020	May-2020	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023
443	387	455	411	453	481	441	433	473	537	457	450	517	466	532	449	532	580	527	520	473	473	508	484	499	439	523	521	514	590	524	537	574	594	551	475	521

Incident and Response Count by Hour of Day

Orange = Incidents | Blue = Responses

Average Response Times Analysis (by Unit ID, Code 3)

	Avg. Code 3 Resp. Time	Responses
BC8	00:00:00	1
BLS25	00:00:06	1
E116	00:11:37	1
E182	00:05:47	3
E186	00:08:00	2
E188	00:10:13	11
E192	00:07:24	110
E193	00:08:23	20
E195	00:08:42	3
E199	00:07:41	3
M24	00:03:02	2
M26	00:05:01	5
M50	00:05:27	3
M51	00:06:56	9
M52	00:05:20	5
M53	00:06:30	8
M54	00:06:26	9
M55	00:06:09	10
M56	00:08:45	8
M57	00:06:28	12
M58	00:10:17	5
M59	00:05:11	4
M81	00:05:00	7
M83	00:04:57	3
M84	00:07:09	7
M85	00:08:37	3
M86	00:06:02	9
M87	00:06:34	4
M88	00:07:17	5
M89	00:05:42	5
PD	00:02:09	1
PD1	00:04:30	1
Grand Total	00:07:07	280

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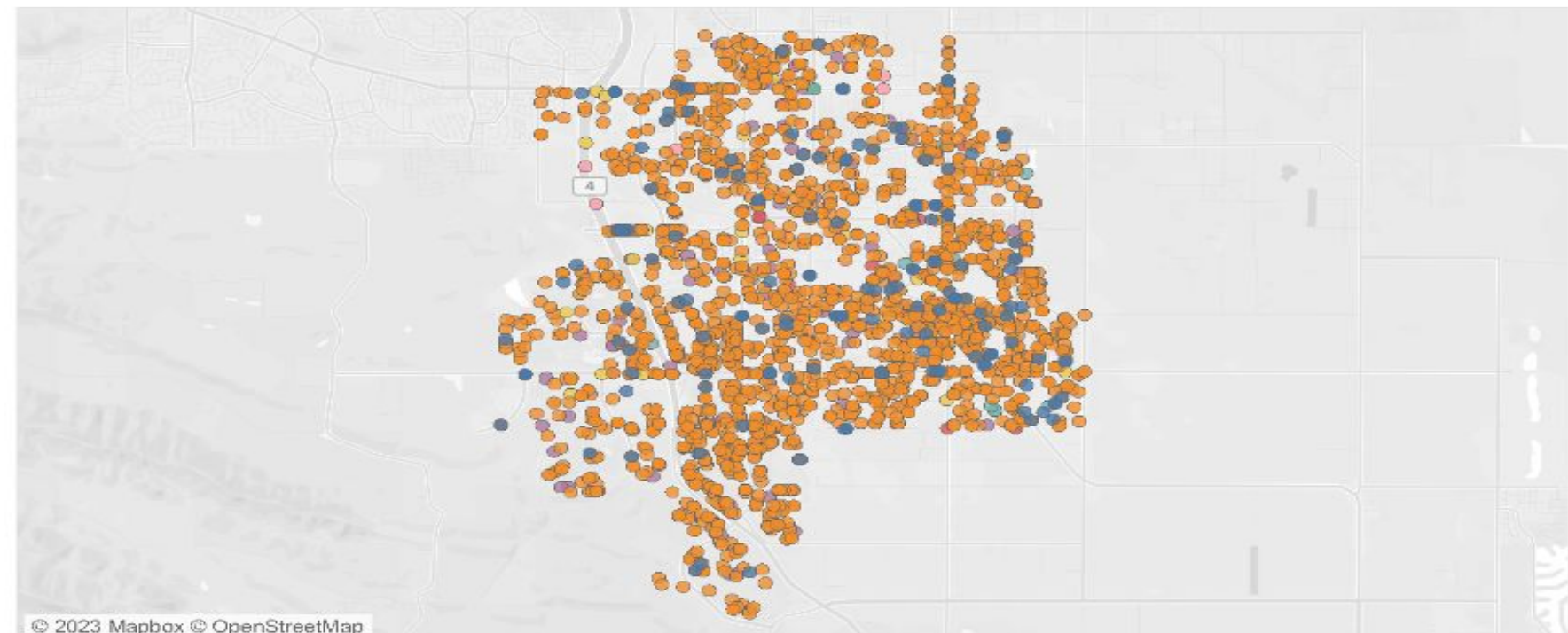
Detailed Look at the City of Brentwood– as of April 2023

Incident Counts by Year (YTD)
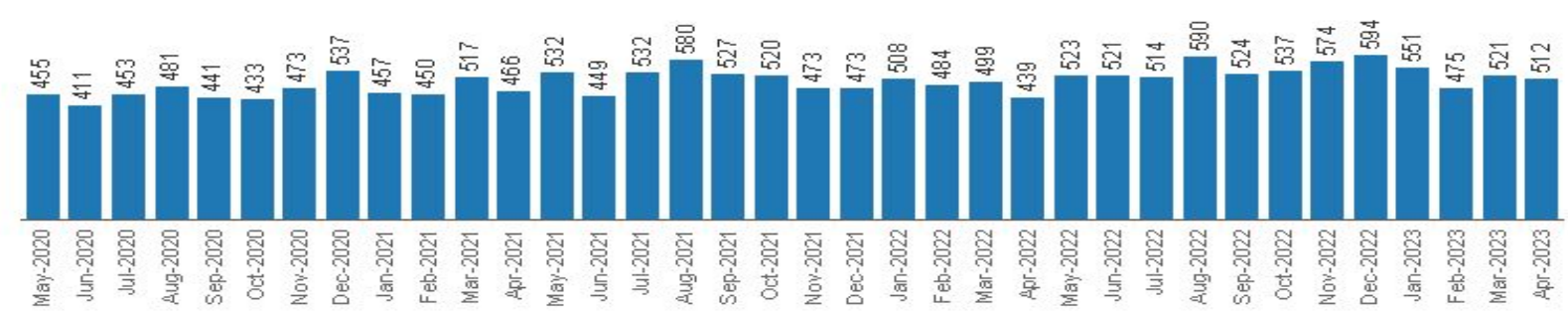
2017	2018	2019	2020	2021	2022	2023
1,621	1,802	1,700	1,792	1,890	1,930	2,059

Incident Counts by Month (Last 36 Months)

May-2020 455, Jun-2020 411, Jul-2020 453, Aug-2020 481, Sep-2020 441, Oct-2020 433, Nov-2020 473, Dec-2020 537, Jan-2021 457, Feb-2021 450, Mar-2021 517, Apr-2021 466, May-2021 532, Jun-2021 449, Jul-2021 532, Aug-2021 580, Sep-2021 527, Oct-2021 520, Nov-2021 473, Dec-2021 473, Jan-2022 508, Feb-2022 484, Mar-2022 499, Apr-2022 439, May-2022 523, Jun-2022 521, Jul-2022 514, Aug-2022 590, Sep-2022 524, Oct-2022 537, Nov-2022 574, Dec-2022 594, Jan-2023 551, Feb-2023 475, Mar-2023 521, Apr-2023 512

Incident and Response Count by Hour of Day

Orange = Incidents | Blue = Responses
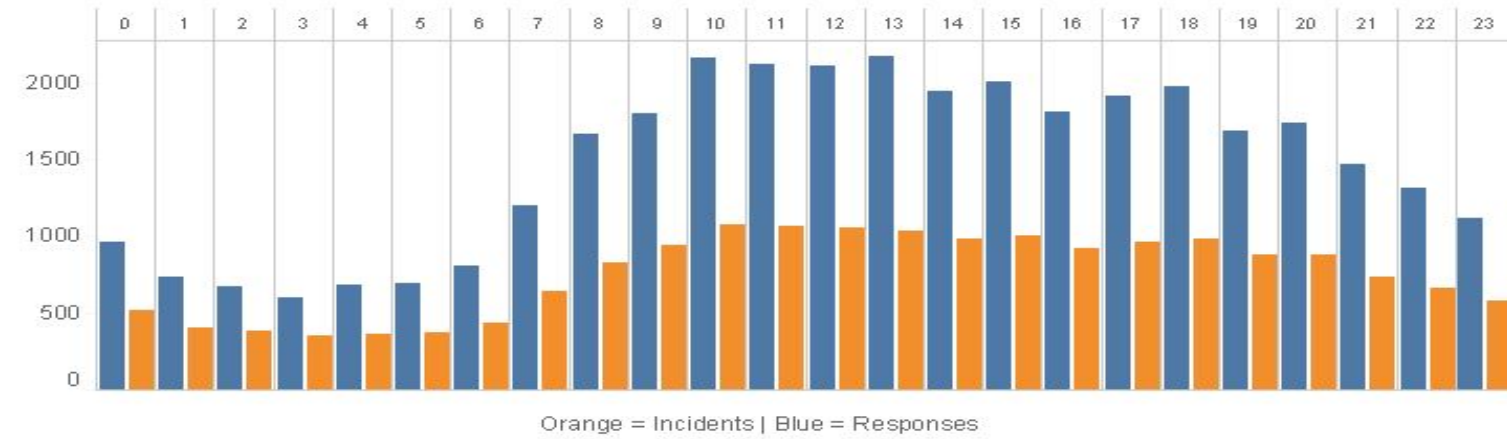
Average Response Times Analysis (by Unit ID, Code 3)

	Avg. Code 3 Resp. Time	Responses
BC9	00:10:13	1
E182	00:09:20	2
E188	00:08:15	3
E190	00:07:11	26
E192	00:06:34	94
E193	00:07:54	8
E195	00:05:58	3
E199	00:06:52	2
M17	00:05:23	1
M24	00:04:46	1
M26	00:06:53	3
M50	00:06:37	5
M51	00:19:20	1
M52	00:07:23	7
M53	00:05:30	7
M54	00:05:16	4
M55	00:06:28	5
M56	00:04:31	9
M57	00:04:55	5
M58	00:06:13	5
M59	00:04:07	3
M81	00:04:54	8
M83	00:06:29	6
M84	00:06:21	5
M85	00:11:10	2
M86	00:04:42	7
M87	00:06:11	8
M88	00:05:44	7
M89	00:06:20	9
PD	00:02:22	1
SOF 2	00:02:16	1
T192	00:07:10	8
Grand Total	**00:06:28**	**257**

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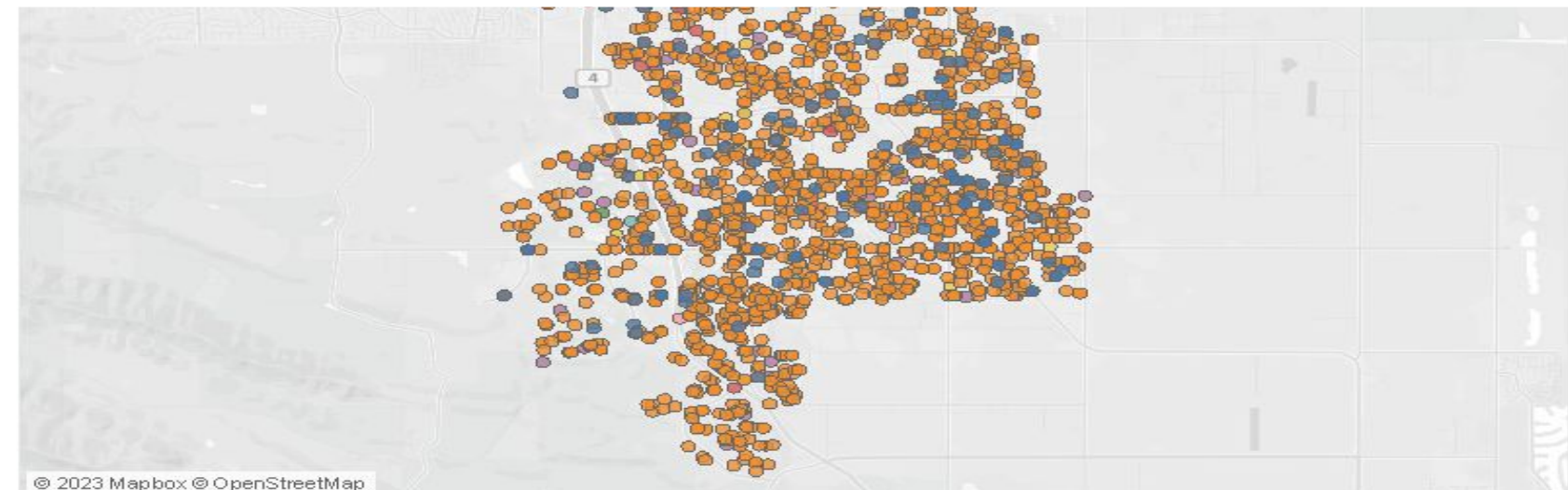
Brentwood Incidents by Type – April 2023

Incident Counts by Type

	Incidents	% of Total
Alarm	37	7.23%
Fire - Other	4	0.78%
Medical	402	78.52%
Other/Unk	61	11.91%
Rescue	3	0.59%
Vehicle Accident	5	0.98%
Grand Total	**512**	**100.00%**

1% Vehicle Accident
7% Alarm
1% Fire - Other
79% Medical

Alarm
Fire - Other
Medical
Other/Unk
Rescue
Vehicle Accident
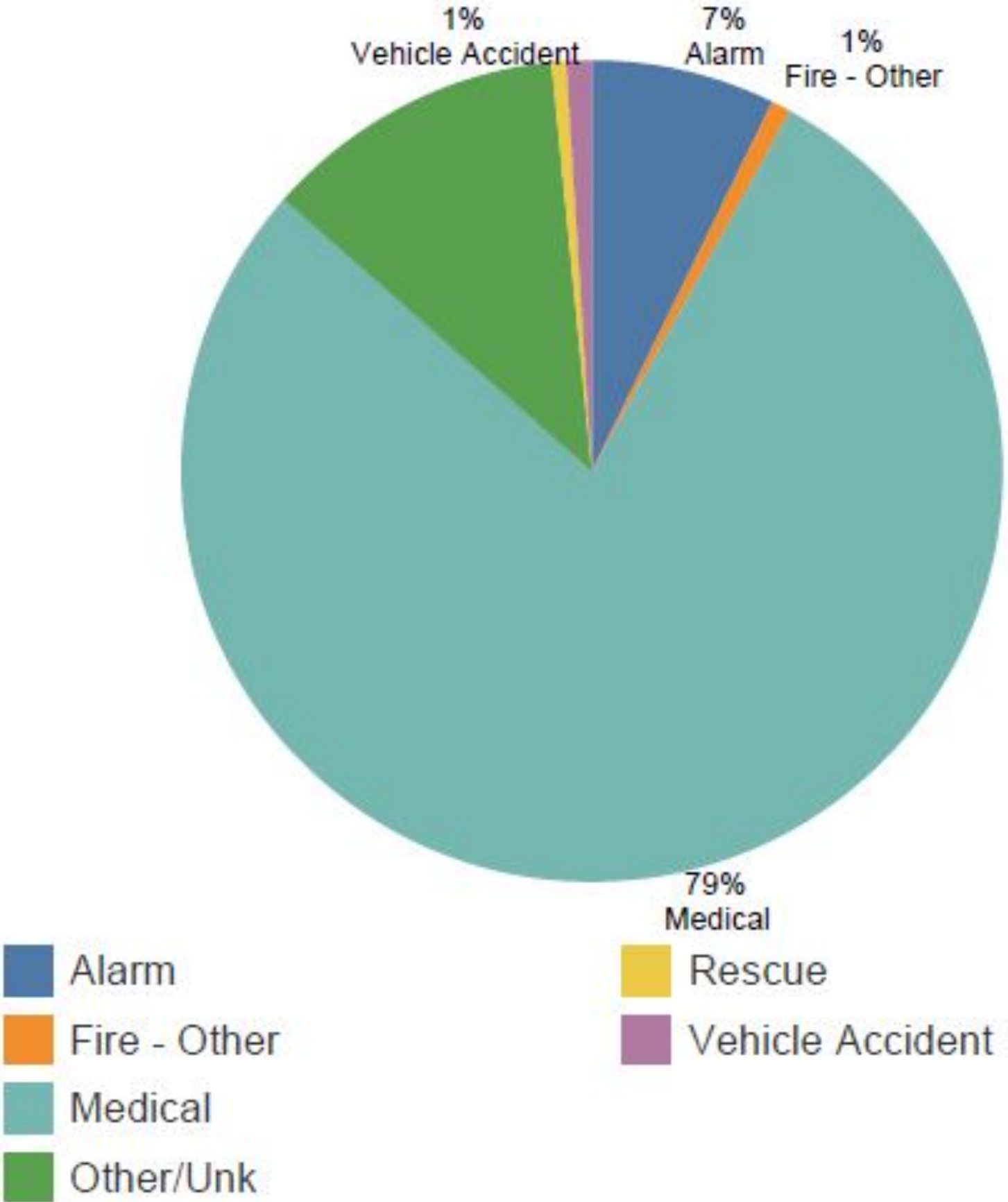
City of Brentwood EMS Data – as of April 2023

EMS Incident Counts (YTD)

Year	Count
2017	1,166
2018	1,317
2019	1,251
2020	1,230
2021	1,318
2022	1,332
2023	1,405

Transports vs. Committed and Transfer times by Month (Last 36 Months)

Transports vs. Committed and Transfer times by Hour of Day
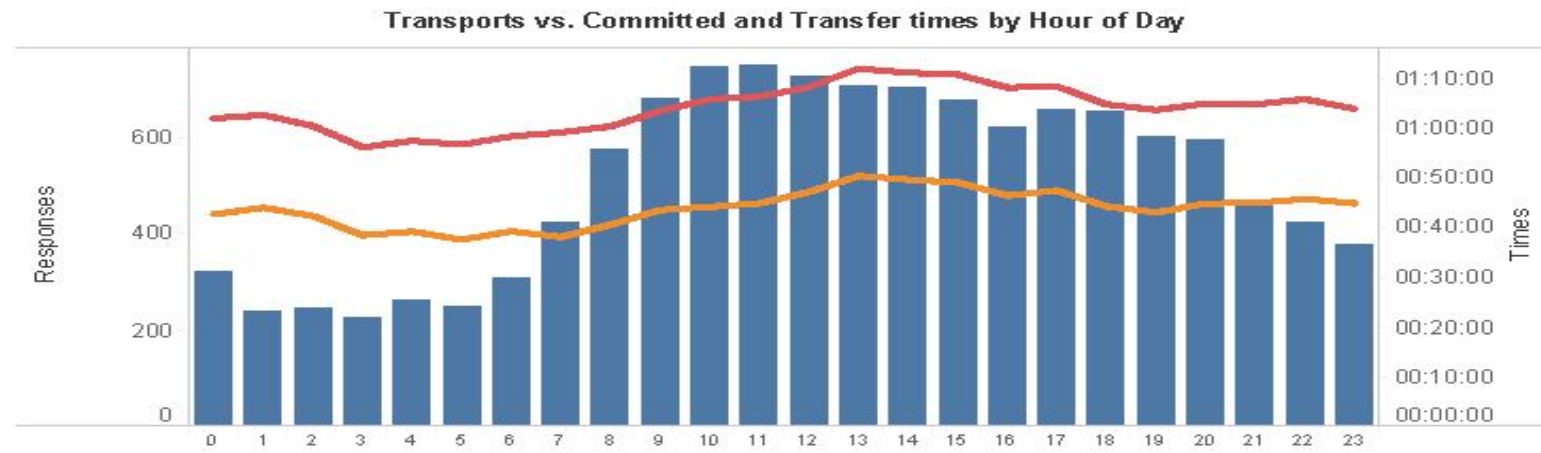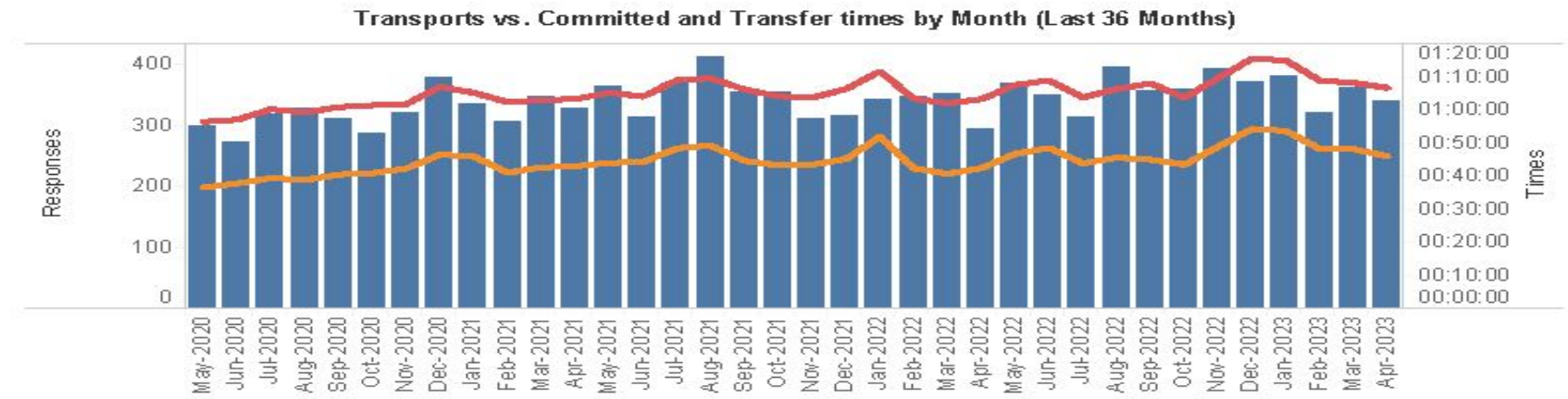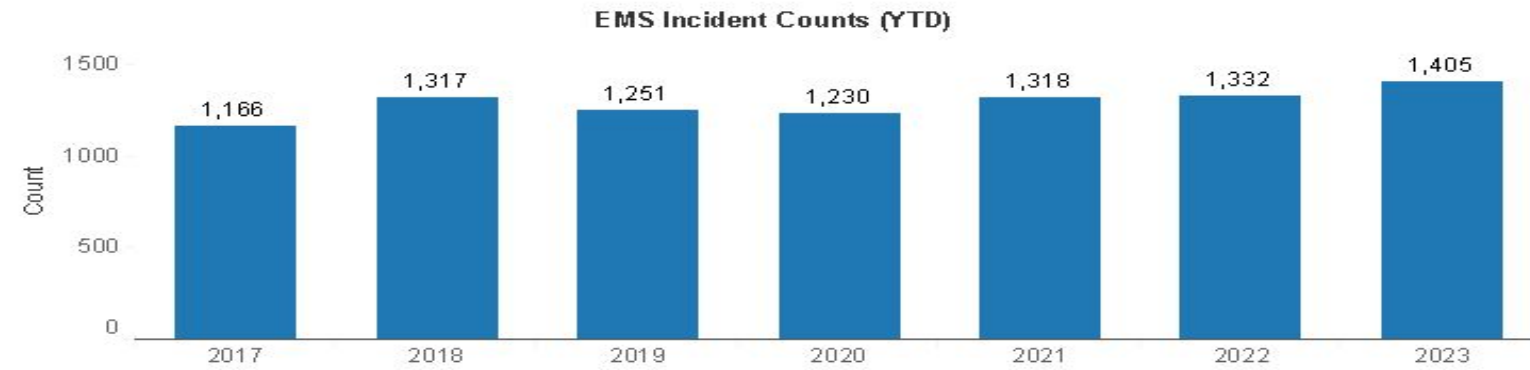
Orange = Transfer Time | Red = Committed Time | Blue = Transports

Average Response Times Analysis (by Unit ID, Code 3)

	Avg. Code 3 Resp. Time	Responses
E192	00:06:29	1
E195	00:05:33	1
M17	00:05:23	1
M26	00:04:58	2
M50	00:05:44	4
M51	00:19:20	1
M52	00:06:32	5
M53	00:05:57	6
M54	00:05:38	3
M55	00:06:28	5
M56	00:04:29	6
M57	00:04:55	5
M58	00:06:56	4
M59	00:04:07	3
M81	00:05:01	6
M83	00:06:34	5
M84	00:06:32	4
M85	00:11:10	2
M86	00:04:26	5
M87	00:05:39	6
M88	00:05:44	7
M89	00:06:34	6
Grand Total	**00:05:59**	**88**

Response And Average Times Analysis (by Incident Type and Jurisdiction)

		Avg. Response Time	Responses
CON	5150 PD Request	00:17:48	18
	EMS - ALPHA CODE 2 WI..	00:11:26	9
	EMS - MEDICAL EMERGE..	00:09:23	7
	EMS- ALPHA (Fall)	00:15:33	7
	EMS-ALPHA *** CODE 2 ..	00:12:52	68
	EMS-AMBULANCE ONLY	00:10:36	22
	EMS-B LTD	00:09:07	21
	EMS-BRAVO	00:08:09	16
	EMS-CHARLIE	00:08:20	77
	EMS-DELTA	00:08:52	90
	EMS-ECHO	00:07:40	1
	RESCUE-EXTRICATION	00:02:45	1
	RESCUE-TRENCH	00:12:53	2
	SINGLE ENGINE C2	00:09:24	1
	VEHICLE ACCIDENT	00:10:34	1
Grand Total		**00:10:20**	**341**

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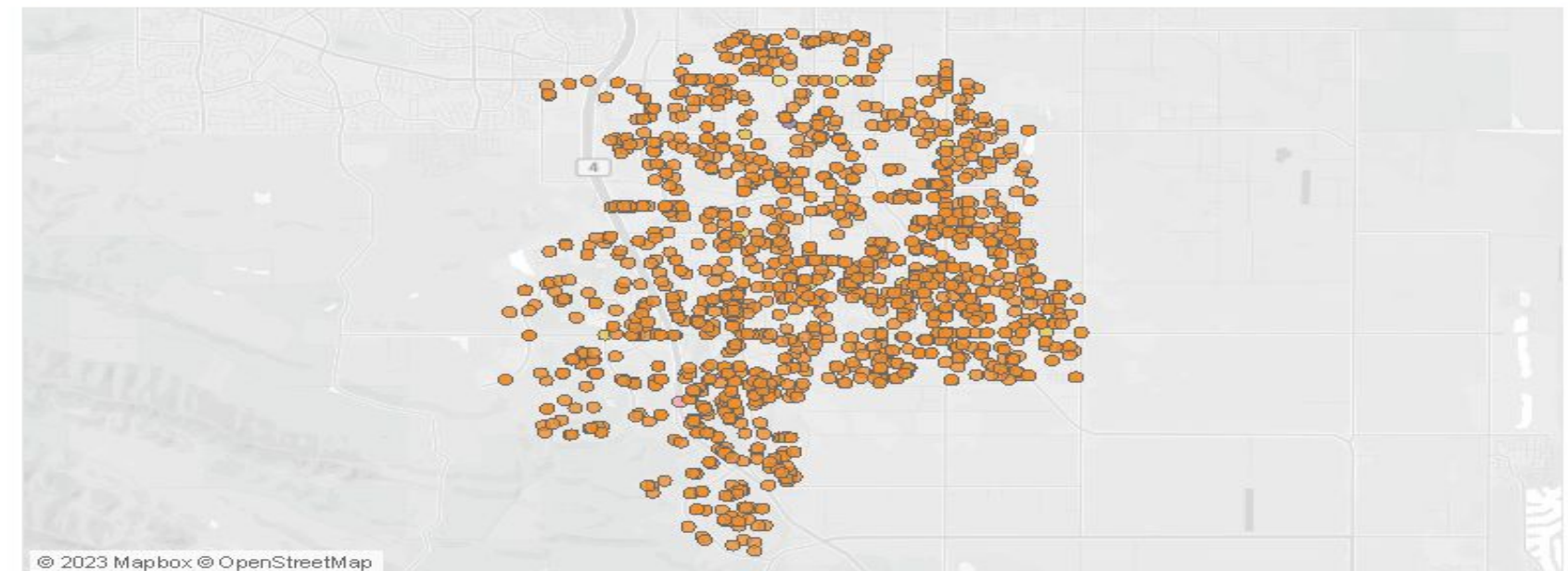
Wildfire Threat

- Longer, less predictable fire weather trend continues
- Reflected in Fire Threat Zone changes
- Indicators point to dangerous fire season
- No area of county is risk free, Contra Costa County far from immune to danger
- Many resources available to residents:
  - Wildfire Mitigation Program Projects
  - Residents Guides to Prep and Evacuation

How will you ready your home for a wildfire?
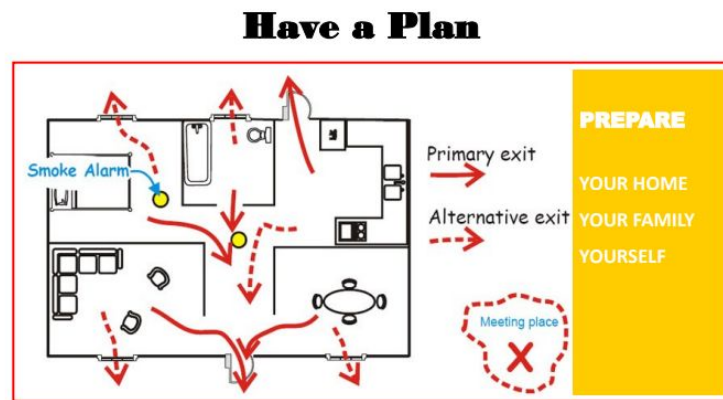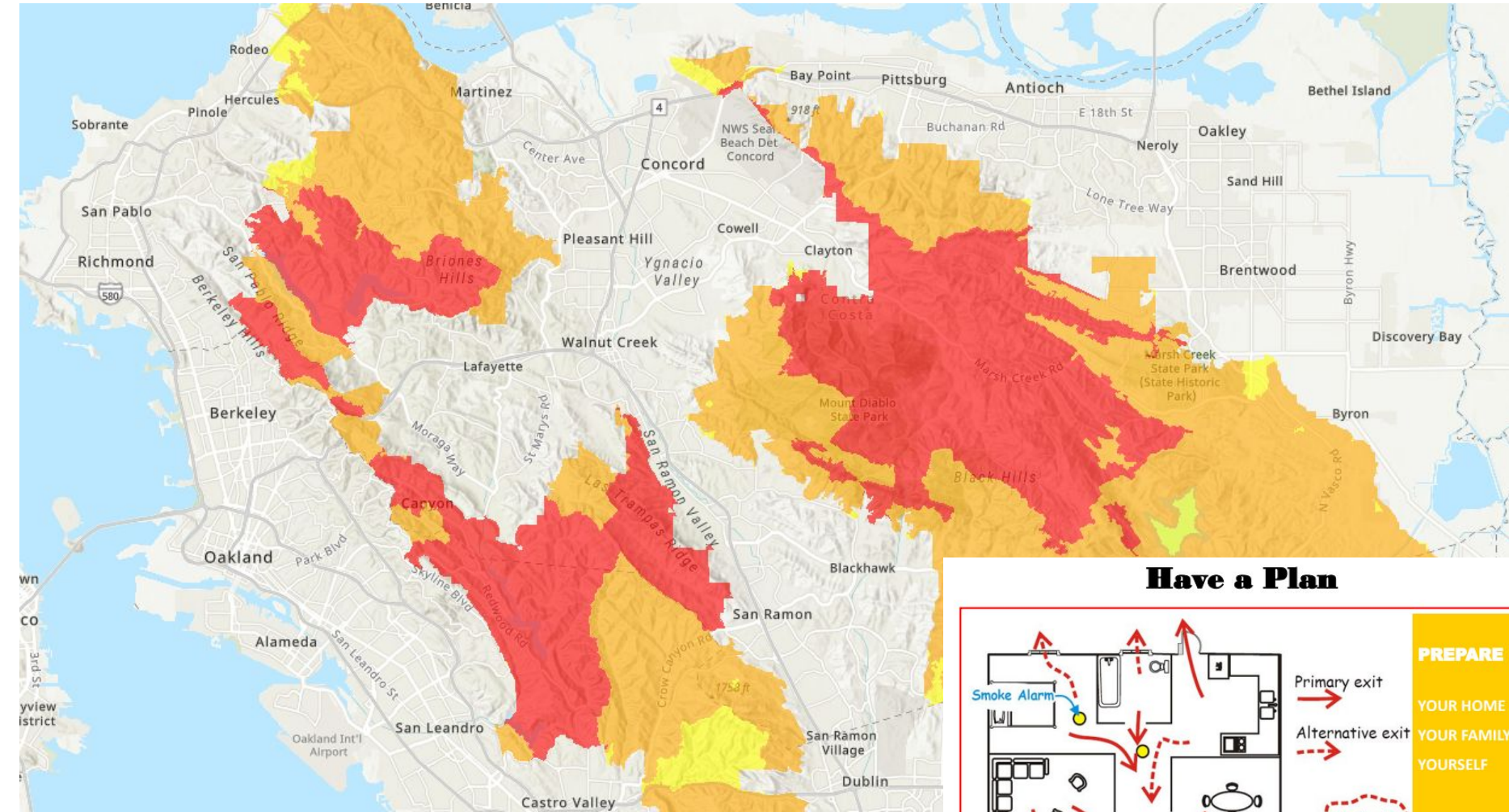
ZONE ONE -30 feet from building-

- Remove all dead and dying vegetation from around the house, roof, gutters, and decks
- Keep tree limbs 10 feet from structures and other trees
- Choose fire resistant plant species
- Have a roof made of composition, metal, or tile
- Cover vents to home with a fine mesh to keep out embers

Have a Plan

PREPARE
YOUR HOME
YOUR FAMILY
YOURSELF

Smoke Alarm
Primary exit
Alternative exit
Meeting place

Always

- Have your go kit by the door
- Back your car in when parking
- Battery backup for your garage door opener, or
- Know how to manually open your garage door, or
- Plan ahead for assistance opening your garage door

ZONE 2
ZONE 1
ROAD
NEIGHBORING PROPERTY

What Goes in Your Pet Emergency Kit:

Food and water (3 days), bowls, manual can opener
Medicines, medical records, and first aid kit
Collar with ID tag, harness, or leash (include backups)
Crate or pet carrier
A picture of you and your pet together
Important documents: registration & vaccination
Familiar items: favorite toys, treats, and bedding
Plastic bags/litter for cleaning up after your pet

Changing Wildfire Threat Zones – Brentwood

- Minimal wildfire threat in city limits
- Considerable threat to the southwest
- Vegetation fire threat still significant in city
- View "live" threat maps at confire.cc/cccwildfirethreat
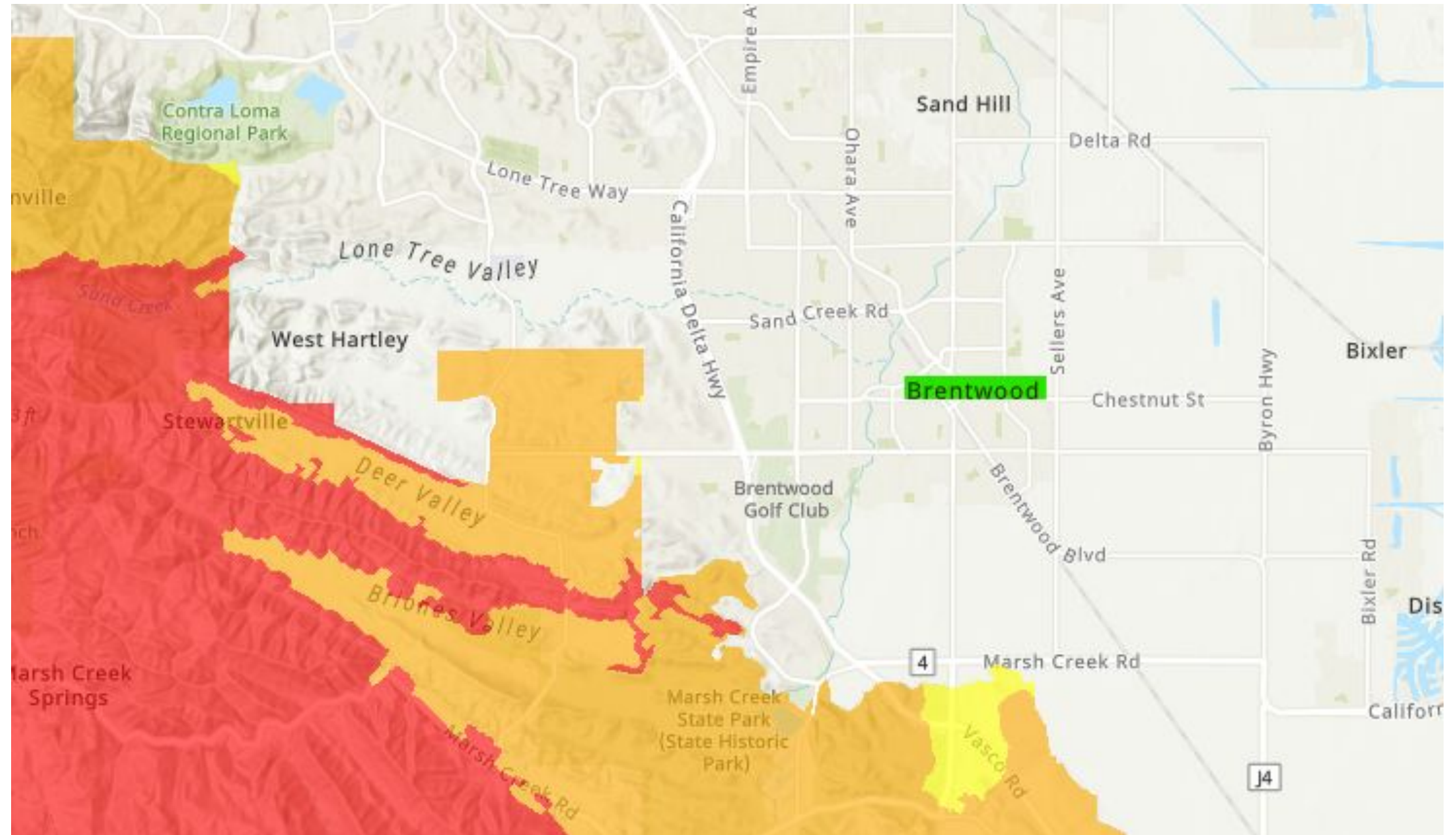
New, Valuable Evacuation Tool
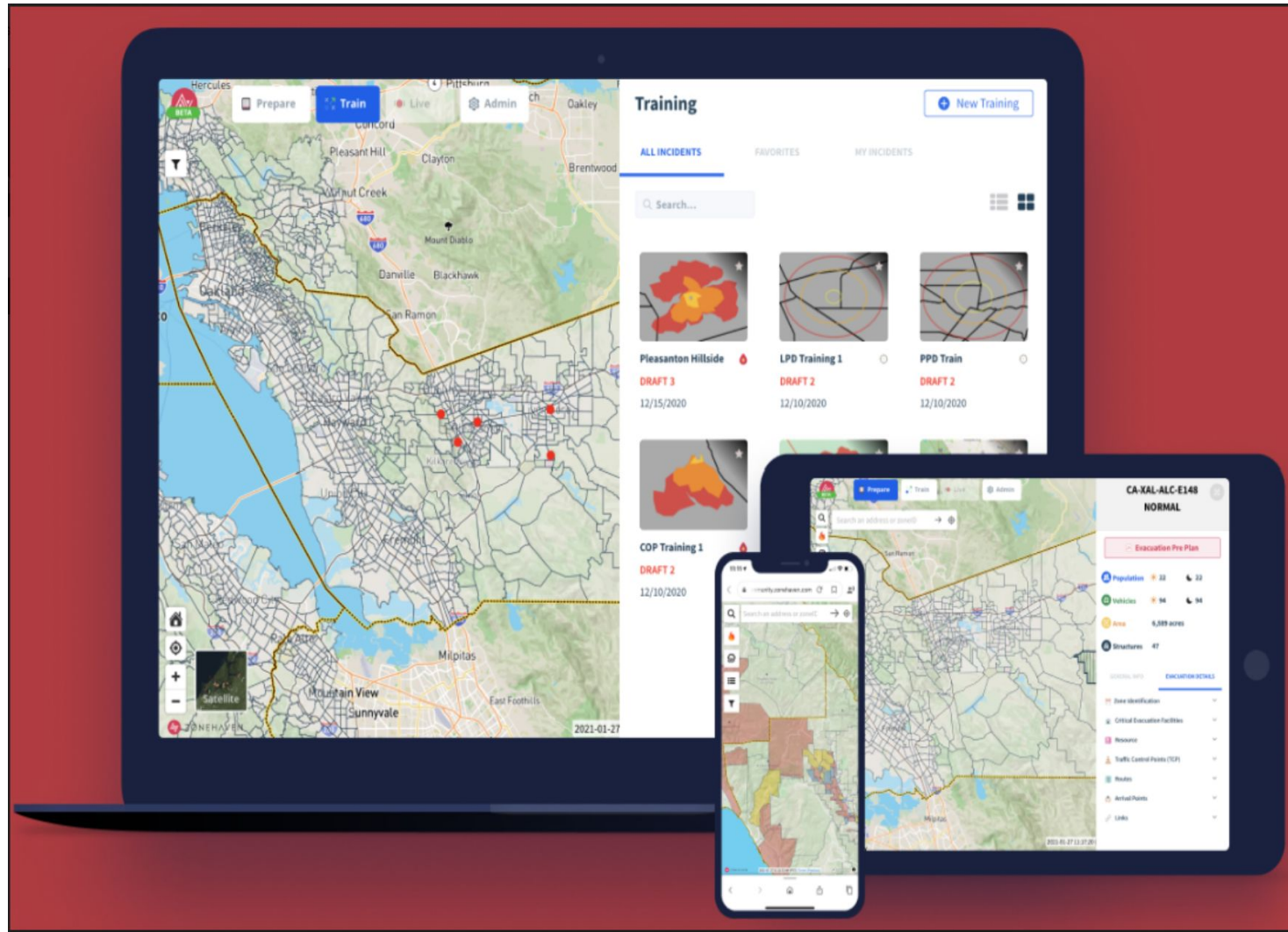
- Know Your Zone tool provides real time evacuation information for residents
- Supplements information provided by county alerting system – CWS Alerts
- Used by fire and law for all evacuation scenarios – wildfire, flood, natural disaster, etc.
- Easy-to-use, app-based system available on phones, tablets, computers
- Residents can learn more at cwsalerts.com/know-your-zone/, including zones for home, schools, work, etc.

Fire Safety for Residents

- Residential fires pose continued risk in our communities
- Modern home fires burn faster, hotter, and with more toxic smoke
- Simple steps can save lives:
  - Working smoke alarms on all floors, in every bedroom
  - Carbon monoxide alarms
  - Sleep with bedroom doors CLOSED
  - Have a family evacuation plan; practice it
- Much more at www.cccfpd.org

Questions?

References