

# Hanford Fire Department Revenue Measure Presentation

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HANFORD FIRE DEPARTMENT

Interim Fire Chief

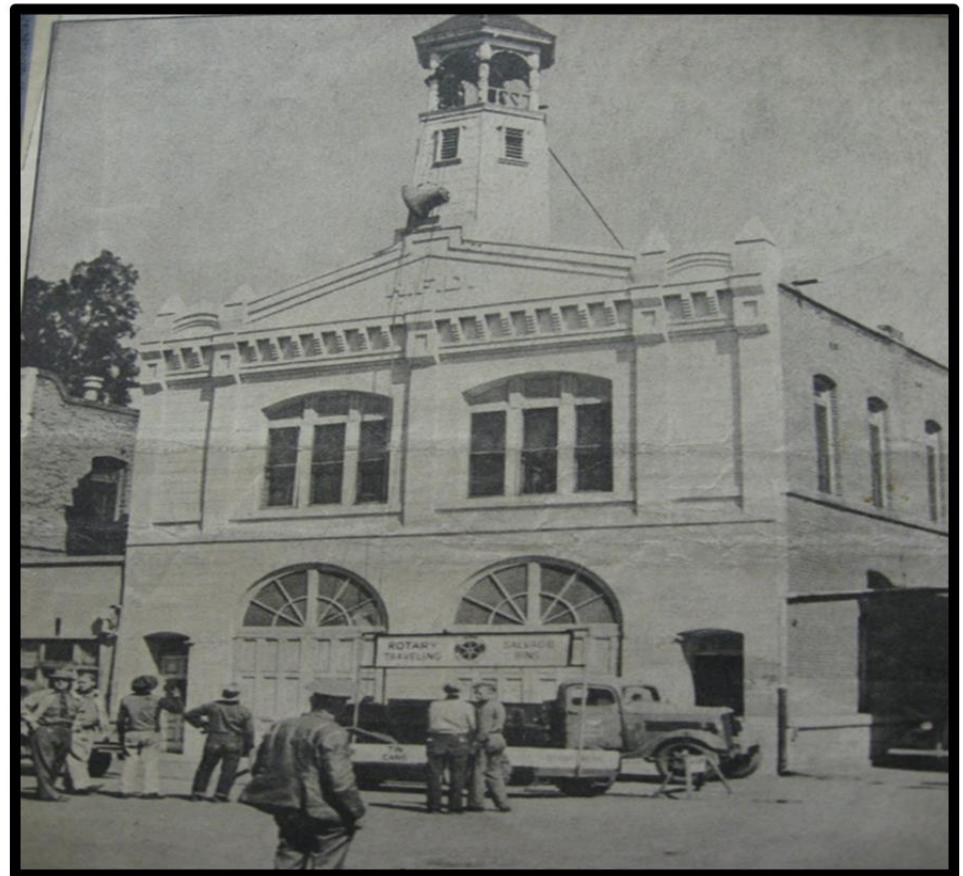
# Mission statement

- “The Mission of the Hanford Fire Department is to deliver effective, professional fire prevention and emergency response.”

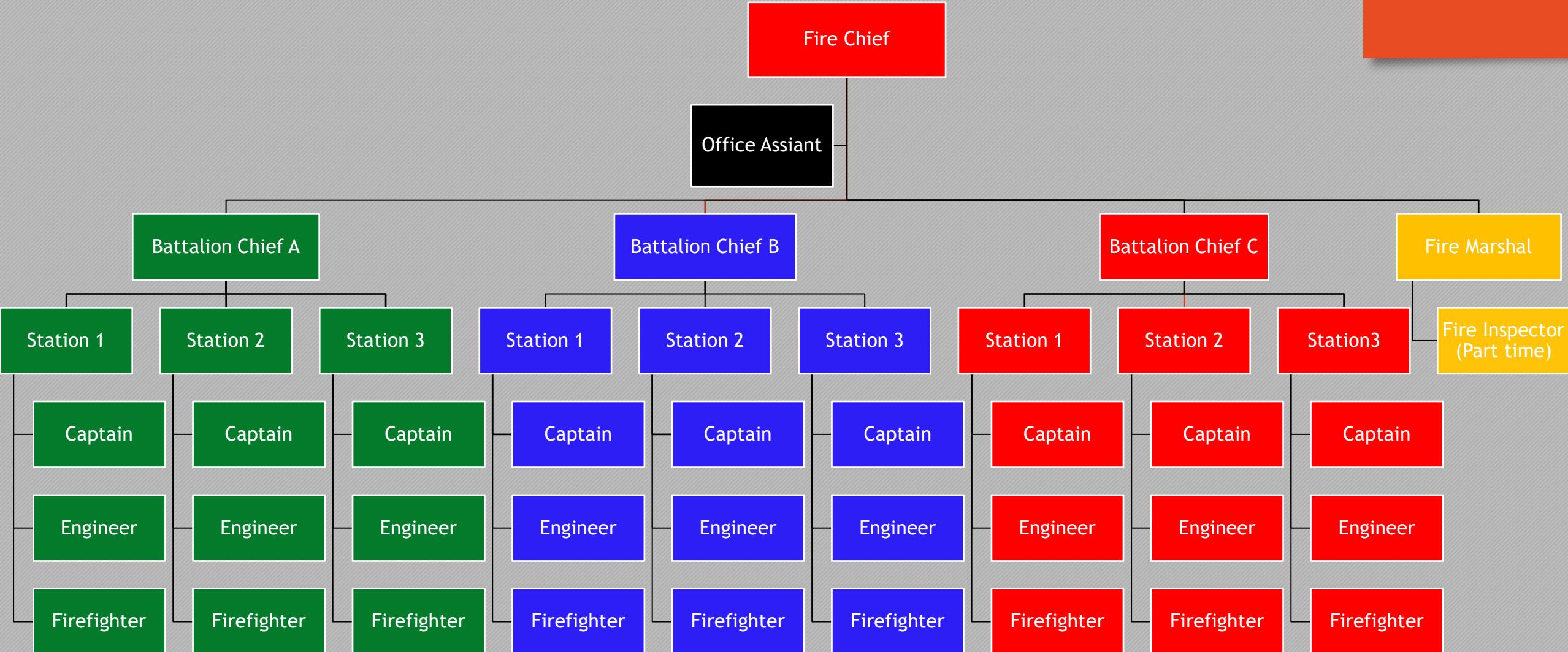
# History of the Hanford Fire Service

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- Volunteer Fire Department was organized after a fire destroyed 39 businesses in 1887
- In 1891 a second fire occurred destroying 15 businesses
- Hanford created a full time Fire Department and incorporated as a city in 1891 as a result of these historic fires



# Hanford Fire Department Org Chart 2023 (34 Personnel)



# Hanford Fire Stations

Fire Station 1 (1988)



Fire Station 2 (1988)



Fire Station 3 (2018)



# Station Location Map

[HFD Station Map - 5 Station Model](#)

# Emergency Equipment



# HFD Apparatus: Engines, Trucks, Patrols

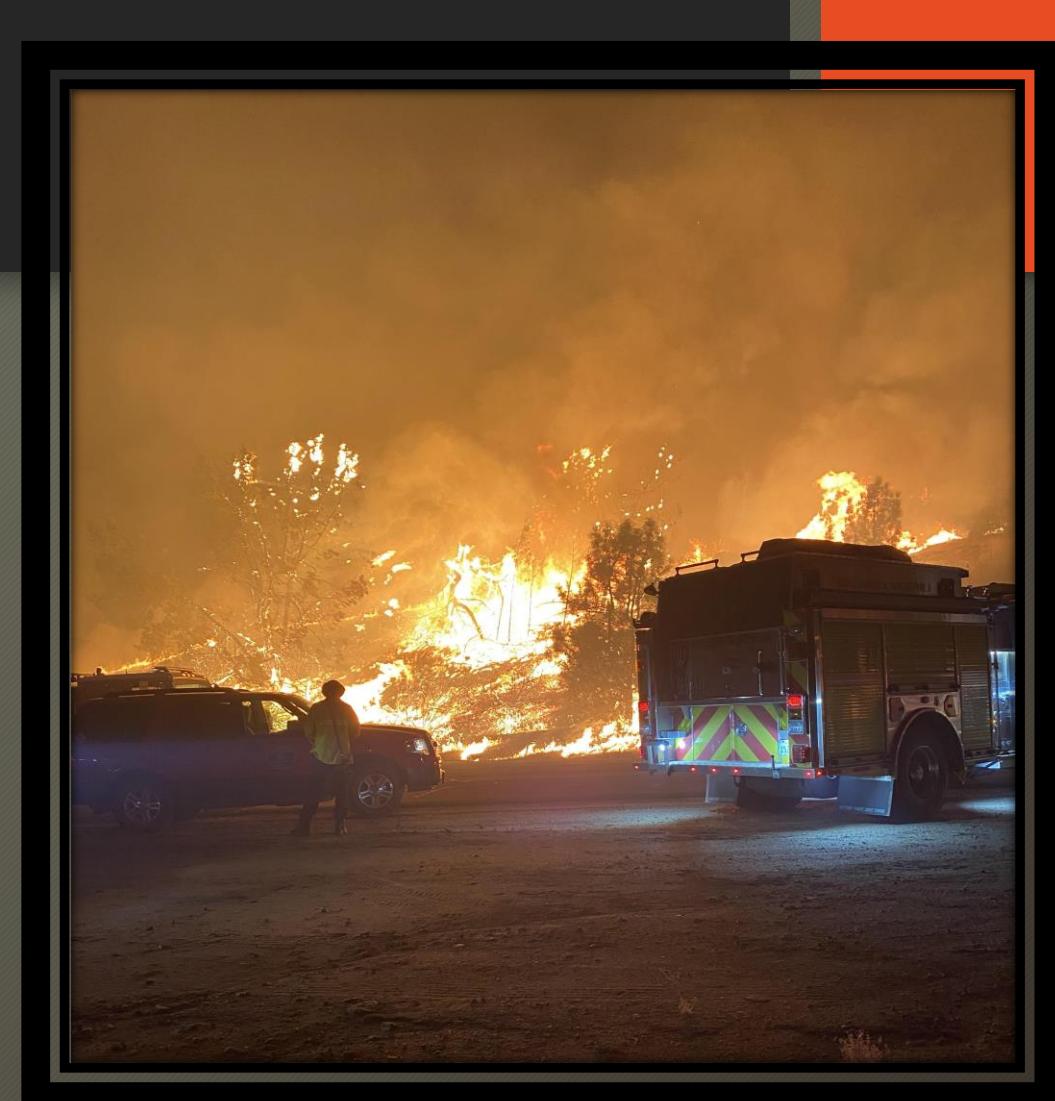
- Station 1
  - First Out: Engine 41 - 2013 Pierce Impel Pumper
  - Reserve Engine: OES 394
  - Battalion Chief: 2020 Chevy 2500 / 2017 Ford F150
  - Fire Chief: 2008 Ford F250 Super Duty
  - Fire Marshal: 2009 Ford Explorer
- Station 2
  - First Out: Truck 42 - 2019 Pierce Ascendant Velocity. 110' Bucket
  - Reserve Engine: 2004 Pierce Saber Pumper
  - Reserve Engine: 1997 Ferrara Pumper
  - Patrol: Patrol 42 - 2012 Ford F550 Burtons
- Station 3
  - First Out: Engine 43 - 2013 Pierce Impel Pumper
  - Patrol: Patrol 43 - 2017 Ford F550 Skeeter

# Community Expectations

- The community expects nothing less than a fast, proficient, and professional response.



# Emergency Response



# Emergency Preparedness



# Today's All-Risk Response

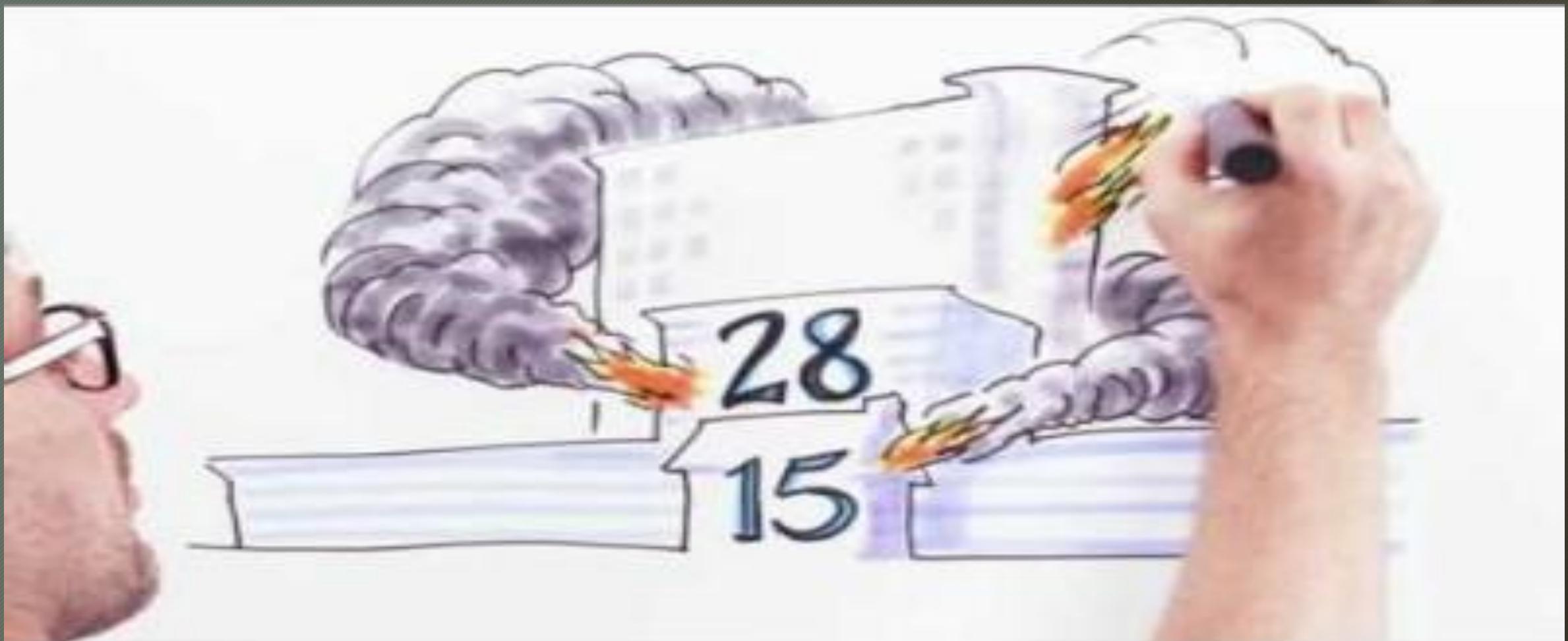
- Medical Response
- Motor Vehicle Accidents
- Hazardous Materials Response
- Confined Space Rescues
- Weapons of Mass Destruction
- Natural Disasters
- Active shooter incidents
- Multi-Casualty incidents
- First-responders must be trained to competency



# Fire Service Industry Standards - Response Times

- EMS Incidents -Response Time: 6 Minutes 19 Seconds
  - Irreversible brain death occurs after 5 Minutes with lack of oxygen
  - Goal is to arrive early to provide CPR and life saving measures
- Fire Incidents - Response Time: 6 Minutes 39 Seconds
  - A Fire can grow 16 times larger by 3 Minutes
  - Flashover occurs as quickly as 3 minutes
- Currently HFD is Not meeting Industry Standards:
  - 2020 = 59%      2021 = 60%      2022 = 63%      2023 = 66%

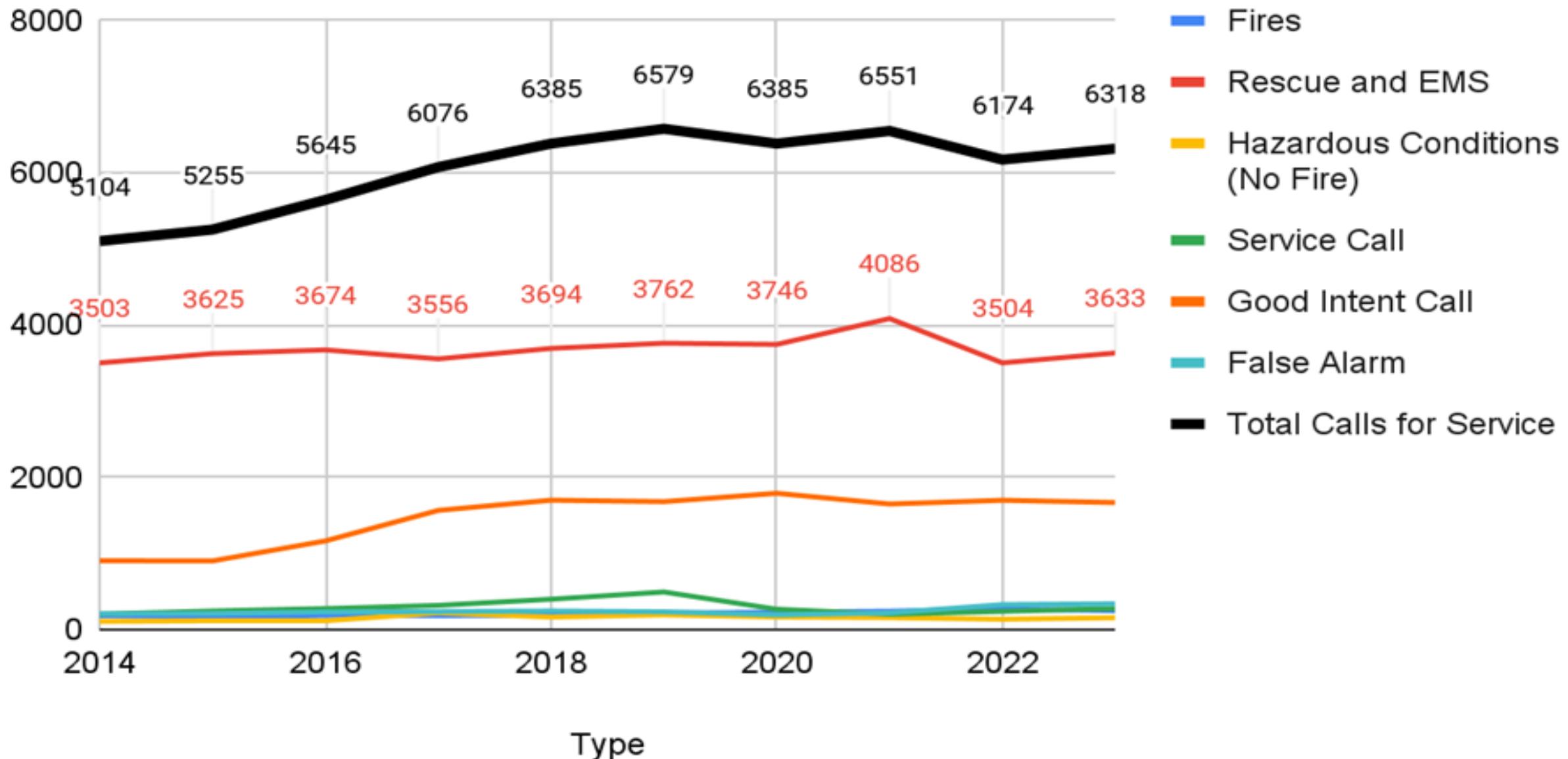
# Fire Service Industry Standard - NFPA 1710



# Effective Firefighting Force

- Hanford Fire Department Daily Staffing = 10 (9 FFs + 1 BC)
  - Structure Fires: 1<sup>st</sup> Alarm = 15 FFs
  - Hanford uses Auto & Mutual Aid from Kings County Fire
  - Auto Aid on Structure Fires: 2 Engines brings 5 FFs (E4 = 3 & E5 = 2)
    - KCFD Sta 4 is 10 Minutes Away
    - KCFD Sta 5 is 7-8 Minutes Away
- *According to PROJECT MAYDAY,*
  - *17,000 analyzed maydays, 71% involved resources staffed with 3 or less crew members*

# 10 Years of incident data



# 10 YEARS OF INCIDENT DATA

Call Type	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Fires	182	159	188	183	187	218	227	240	271	248
Rescue and EMS	3503	3625	3674	3556	3694	3762	3746	4086	3504	3633
Hazardous Conditions (No Fire)	107	116	115	219	164	193	164	156	135	155
Service Call	203	243	275	317	398	493	266	201	239	276
Good Intent Call	904	901	1164	1565	1699	1680	1790	1649	1698	1668
False Alarm	205	211	229	236	243	233	192	219	327	338
Total Calls for Service	5104	5255	5645	6076	6385	6579	6385	6551	6174	6318

# Hanford Fire Department Suppression Goals

## Fire Stations

- Land has been purchased for 2 stations

## Staffing for New Stations

- 9 New Personnel for each station

## New Apparatus for each Station

- New Engine, New Ladder Truck

# Need: Multi-Agency Training Facility

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- Hanford Fire and Police
- Real Life Scenarios
- Live fire /rescue training



# Firefighting Essentials

- Firefighters are expected to be skilled in fire suppression, vehicle extrication, medical response, and performing rescues, etc.



# Need: Upgrade Communications

- Qty 50 Portable radios - Replace
- Qty 15 Mobile Radios - Replace
- Qty 3 Station Alerting System
- Primary/Secondary Repeater
- Firescope MACS-441
- New technology
- Target hazards



# Fire Prevention Inspections



- 2,180 Annual Fire inspections with over 650 are state mandated (apartments, hotels, jails, schools.)
- Each inspection can range anywhere from 30 minutes to 3 hours depending on the size and type of the occupancy

# Inspections continued...

- New construction includes underground water supply, sprinkler lines, alarm testing, and fire final inspection
- Hood inspections for restaurants
- Inspection of all above ground tanks
- Small and large family daycare inspections required by the state per year
- All these tasks are completed by the Fire Marshal and 1 part time inspector



# Weed Abatement

- In 2023 the fire department sent out over 450 weed abatement letters
- Abated approximately 80 parcels
- 28 Fires related
- Over 600 hours spent on weed abatement



# Plan Review

- Fire plans consists of reviewing fire alarm plans, access to and from the buildings, above ground tanks, road access and water supply
- Over 40 hours a month will be done on plan review totaling 480 hours a year, not including plan revisions
- Weekly Site Plan Review meetings normally last several hours



# Fire Investigations

BY LAW...ALL FIRES MUST BE INVESTIGATED



- Over 270 fire investigations conducted in 2022
- All investigators are required 8 hours of training per year
- We currently have 4 certified investigators
- Investigators need a vehicle with tools and equipment





# FIRE INVESTIGATORS STRIKE TEAM (FIST) Central Valley Arson Investigators round table 7

- Central Valley Arson investigators/CVAI is group that is made of arson investigators in the inland central valley from Fresno county, Tulare county, and Kings county fire department
- FIST is comprised of Tulare and Kings county Fire department arson investigators that will be called out for additional support when needed



# Volunteers, Interns, Explorers

## Volunteers

- 18 years or older, Introduction to Firefighting

## Intern Program

- Partnership with Fresno City Fire Academy

## Explorers

- 14-18 year old, basic introduction to Firefighting

# Public Education

## Fire Prevention Week



CPR at Thursday  
Night Market

## Annual Open House



# Revenue Measure Objectives

**Provide** Adequate facilities and equipment

**Provide** Adequate emergency resources to ensure the public's safety

**Expand** Our Department with future growth

# Questions?