

## **Hanford Fire Department Statistics**

### **Fact Sheet:**



1. Staffing: 50 Year Study
  - a. **Staffing in 1978** = 11 Firefighters On Duty Daily
  - b. **Staffing in 2024** = 10 Firefighters On Duty Daily
    - i. 10% Decrease
    - ii. Does Not include Administration.
    - iii. NFPA 1710 National Recommended  
Standard for Fire Department MINIMUM personnel on incidents
      1. Single Family Structure Fire – 15 Firefighters
      2. Multi-Family Apartment / Small Strip Mall – 27 Firefighters
      3. High-Rise Fire – 42 Firefighters
2. Fire Stations
  - a. 1890 – 1988 = 1 Station
  - b. 1989 – 2019 = 2 Station
  - c. 2019 – Present = 3 Stations
  - d. Guiding Documents recommends building Fire Station 4 & 5 now to meet CURRENT need.
3. Call Volume / Population : 50-year Study
  - a. 1974 = 300 (Estimate) / Population = 20, 958
  - b. 2023 = 6318 / Population = 60,000 +
  - c. **Represents a 2,000% Increase in call volume / 300% population increase**
4. Community Risk Reduction (CRR)
  - a. Mission – To Decrease Risk and Prevent Fires Before they Happen
  - b. How – Public Education/ Outreach & Fire Inspections
  - c. Issues / Problems - Understaffed, lack of vehicles, inadequate fee schedule
5. Serious Department Needs
  - a. STAFFING- IMMEDIATE- 9 Operations personnel, 3 CRR personnel
  - b. FIRE STATION 4- funding to build on city owned land
  - c. COMMUNICATIONS SYSTEM and RADIOS - Replace / Upgrade
  - d. TRAINING FACILITY- Primary cause of decrease in ISO Rating.
  - e. Purchase –
    - i. Thermal Imager Cameras - \$5,000 - \$8,000 a piece
    - ii. Hurst Hydraulic Equipment - \$60,000
    - iii. Replace SCBA's in 2029 - \$250,000 (2024 Prices – Will Increase)
    - iv. Reserve Ladder Truck - \$1.2 Million (2024 Prices)
6. Serious Departmental issues
  - a. ISO Rating dropped from Class 2 to Class 3 – INCREASES Insurance Rates for All Citizens-

## **Fire Department Staffing History:**

### **1974 - 25 Members**

- a. Fire Chief
- b. Assistant Chief
- c. Assistant Chief
- d. Fire Marshal
- e. Clerk
- f. 2 Shifts with 20 personnel
  - a. "A" Shift with 10 Personnel
    - i. 2 Captains
    - ii. 2 Engineers
    - iii. 6 Firefighters
  - b. "B" Shift with 10 Personnel
    - i. 2 Captains
    - ii. 2 Engineers
    - iii. 6 Firefighters

Calls for Service – All Types: **Estimated 500 Annually**

### **1978 – 27 Members. 1 Station                      \*\*See Attached Org Chart\*\***

- a. Fire Chief
- b. Assistant Chief / Fire Prevention
- c. Assistant Chief / Training
- d. Fire Marshal
- e. Clerk / Typist
- f. **2 Shifts with 22 Firefighters**
  - a. "A" Shift - **11 Personnel**
    - i. 2 Captains
    - ii. 2 Engineers
    - iii. 7 Firefighters
  - b. "B" Shift - **11 Personnel**
    - i. 2 Captains
    - ii. 2 Engineers
    - iii. 7 Firefighters

Calls for Service – All Types: **635**

## **1982 – Changed from a 2 Platoon (Shift) system to a 3 Platoon (Shift) system- 1 Station**

- a. 2 New Captain and 2 New Engineer Positions created \*\*See Attached Org Chart\*\*
  - a. 3 Shifts: “A” Shift, “B” Shift, “C” Shift
    - i. 6 Captains (2 Per Shift)
    - ii. 6 Engineers (2 Per Shift)
    - iii. 9 Firefighters (3 Per Shift)
  - b. 21 Line Personnel + Creation of Admin Captain position. (22)
    - a. Shift Example in 3 Platoon System: **7 on Duty Every Day**

i. A SHIFT	B SHIFT	C SHIFT
ii. Captain	Captain	Captain
iii. Captain	Captain	Captain
iv. Engineer	Engineer	Engineer
v. Engineer	Engineer	Engineer
vi. Firefighter	Firefighter	Firefighter
vii. Firefighter	Firefighter	Firefighter
viii. Firefighter	Firefighter	Firefighter
    - b. Residency Requirement was policy - ensured Firefighters lived in town or near town and were close to respond when fires occurred.

## **2024 – 34 Members. 3 Stations - 3 Shifts (A/B/C)**

- a. **10 Firefighters on Duty Daily**
  - a. 3 – Captains 9 Total
  - b. 3 – Engineers 9 Total
  - c. 3 – Firefighters 9 Total
  - d. 1 – Battalion Chief 3 Total
  - 10 Total Daily 30 Suppression Personnel
  - 1 – Fire Chief
  - 1 – Fire Marshal
  - 1 – Administrative Assistant
  - 1 – Part Time Fire Inspector

### **34 Total departmental members**

- b. Residency Policy Terminated around 2010 – Firefighters no longer required to live near town. Many FFs now live in Clovis, Fresno area. FF Call Backs to assist with larger fires now take longer or do not occur due to overworking of personnel.

\*1978 Daily Staffing of 11 to 2024 Daily Staffing of 10 = **10% Decrease in Staffing**

□ **Fire Station Locations:**

1950s-1980s - 1 Fire Station Located 404 W Lacey Blvd (next to Pool / Plunge)

1988 – City Started Construction on two new Fire Stations

a. Fire Station 2 – 10553 Houston Ave:                      Opened October 1988

b. Headquarters – 350 W. Grangeville Blvd:              Opened January 1989

2019 – City Built and Opened Fire Station 3

1070 S. 12th Ave.

2024 - Today Needs: Fire Station 4 & 5      (Recommendation from Guiding Documents)

a.      Fire Station 4 - Land Purchased at Centennial and Berkshire

b.      Fire Station 5 – Hero’s Park: 2 Acres Promised to Fire near 9 ¼ Ave. and Florinda

□ **CALL VOLUME - 50 YEAR CASE STUDY**

1974 Total Calls for Service (All Types)	300	Estimated Annually
1982 Total Calls for Service (All Types)	440	
1983 Total Calls for Service (All Types)	612	
1984 Total Calls for Service (All Types)	695	
1985 Total Calls for Service (All Types)	634	
1986 Total Calls for Service (All Types)	815	
1987 Total Calls for Service (All Types)	837	
1988 Total Calls for Service (All Types)	1,184	
1990 Total Calls for Service (All Types)	1,258	
2002 Total Calls for Service (All Types)	3,395	
2014 Total Calls for Service (All Types)	5,104	
2023 Total Calls for Service (All Types)	6,318	

1974 to 2024 = **2,000% Increase** in Call Volume (300 Calls to 6,318 Calls)

## **ISSUES & IMPROVEMENTS NEEDED:**

### **Fire Station 1:**

- a. Replace Asphalt in Parking Lot
- b. Replace Concrete Pads for Fire Engine Approach & Exits
- c. If No new Stations are built – Need to consider Adding Second Engine or Truck Company at Station
  - a. Issues with this Plan
    - i. Would have to Move Administration – To Where?
    - ii. Remodel Existing Station – Current Administration Area
      - 1. Add Sleeping Area - If FFs double up in existing rooms – Issue with Male / Female Firefighters in same room
      - 2. Add Kitchen / Dining Area
      - 3. Add Bathrooms with Showers
    - iii. Apparatus Bay needs Expanding / Remodel
    - iv. Where to Park Second Engine / Truck?

### **Fire Station 2:**

- a. Replace Asphalt in Parking Lot.
- b. Replace Concrete Pads for Truck / Engine Approach & Exits
  - a. Currently has Water Drainage issue.
  - b. Currently has Apparatus parked outside getting destroyed by Weather.
    - i. Solution - Remodel: Add on to make Apparatus Bay Bigger
- c. SERIOUS maintenance issues need addressing- Fascia on all roof lines , Gutters, Exterior Paint, Station Security.
- d. TEMPORARY TRAINING SITE

### **Fire Station 3: Issues**

- a. Landlocked - No room for expansion
- b. Has Three (3) Bedrooms - HFD Goal is to Add Personnel to build an Effective Firefighting Force that matches NFPA 1710 Recommendations. Ways to do that are to build New Fire Stations strategically throughout the City. This method adds Stations with Firefighters closer to homes / businesses and reduces our Response times.
  - a. If the City is unable to build new Fire Stations, the next goal would be to Add Firefighters to existing Engines. NFPA 1710 recommends Engine & Truck Staffing to be Four: Officer (Captain), Driver Operator (Engineer), Firefighter, Firefighter = 4
    - i. Station 3 was Not Built to expand or add on bedrooms. There is No room to add additional Firefighters.

#### Other Fire Department Needs & Issues:

- a. Old & Outdated Radio System.
  - a. Need New: Repeaters, Base Station Radios, Mobile Radios & Hand Held Radios
- b. Training Facility: Currently DO NOT have a place to Train
  - a. Training Tower, Adequate Props, Training Room to do: Burns, Searches, Ventilation, Rope Rescues, etc.....
- c. Replacing Old / worn out equipment
  - a. Thermal Imager Camera's - Cost \$5,000-\$8,000 a Piece
  - b. Currently replacing old / worn out fire hose
    - i. 5" Fire Hose = \$1000 for 100 feet. (Engines have 1000 ft)
  - c. Hurst Equipment - Hydraulic Rescue Tools: New Set \$60,000
  - d. Self Contained Breathing Apparatus (SCBA) - Will need to replace in 2029.
    - i. 5 years until needing replacement
    - ii. Cost (Now in 2024) = \$450,000
- d. Do Not have a Back up / Reserve Ladder Truck. - 2 is 1 & 1 is None.
- e. ISO – Insurance Service Organization
  - a. Recently our ISO Rating Dropped from a 2 to a 3.
  - b. Mainly because of our lack of a Training Facility, Response times and lack of staffing
- f. Build Fire Station 4
  - a. Station
  - b. New Engine
  - c. 9 Personnel
- g. Build Fire Station 5
  - a. Station
  - b. New Engine or Truck
  - c. 9 Personnel
- h. Create Deputy Chief Position
- i. Create Admin. Battalion Chief Position
- j. Prevention Needs more Full Time Inspectors