

HANFORD FIRE DEPARTMENT

350 W. Grangeville Blvd. Hanford, CA 93230

2012 ANNUAL REPORT

“SERVING THE COMMUNITY SINCE 1891”



On July 9, 2012, just after midnight, a passer-by notified the fire department of a fire at 215 N. Irwin St. It was the “Vendome” building. The fire was well involved in one of several businesses on the first floor and was extending to adjacent businesses as well as the second floor. Despite valiant efforts by the fire department, the building was deemed a total loss and had to be demolished soon after. The original building was erected in 1891, was added onto and operated as a hotel through the second world war and had been mainly used for businesses since the 50’s. There was over \$2 million in losses and several local businesses were affected.

Mission Statement

To protect residents and visitors of Hanford from conditions that would pose a threat to life, property or the environment by utilizing aggressive prevention techniques and, when needed, respond to all emergencies in a safe, swift and efficient manner

Values

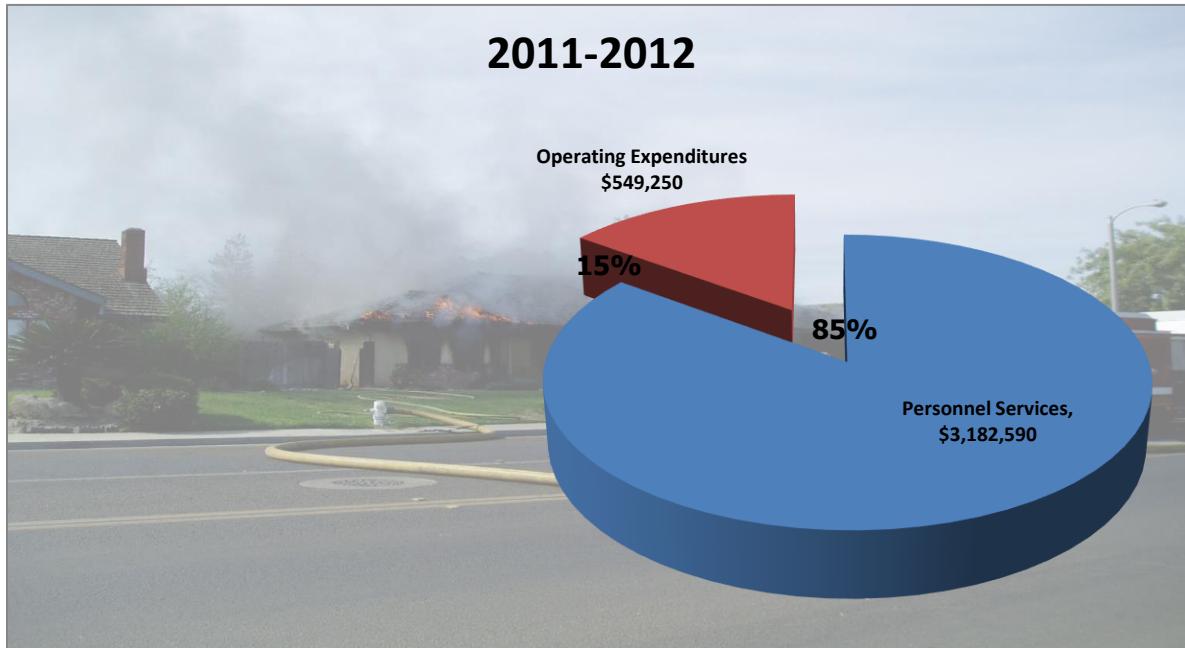
| | |
|-----------------------|--|
| Respect | <i>for each other and for all with whom we serve</i> |
| Caring | <i>for our work, the people we serve and for each other</i> |
| Integrity | <i>being forthright and fair in all of our efforts</i> |
| Accountability | <i>Taking personal and organizational responsibility for all we do</i> |
| Teamwork | <i>working together, making the whole greater than the parts</i> |
| Family | <i>remembering that life goes on outside of our department walls</i> |
| Quality | <i>providing the right solution for each and every situation</i> |

Fire Chiefs Message

It is my pleasure to present to you the 2012 Annual Report for the Hanford Fire Department. 2012 saw a significant increase in the demand for emergency response. The Department responded to a total of 4749 incidents in 2012. This is 313 more than in 2011(an increase of just over 7%). In addition, Hanford Fire Department responded to 29 requests for mutual aid by the Kings County Fire Department. In return, the Kings County Fire Department responded to 23 requests for mutual aid. The Hanford Fire Department serves the City of Hanford as it has since 1891, with pride and dedication. The Fire Department serves a population of nearly 55,000 and covers 15 square miles. The nation is slowly recovering from an economic downturn second only to the great depression. As a result, plans for Stations 3 and 4 were delayed. We were, however able to avoid any layoffs and provided a consistent level of staffing to our community. The Hanford Fire Department thanks our City Manager and City Council for their service to our community and their support of their Fire Department. I am very proud of the men and women who serve our community with the highest standard of professionalism and care.

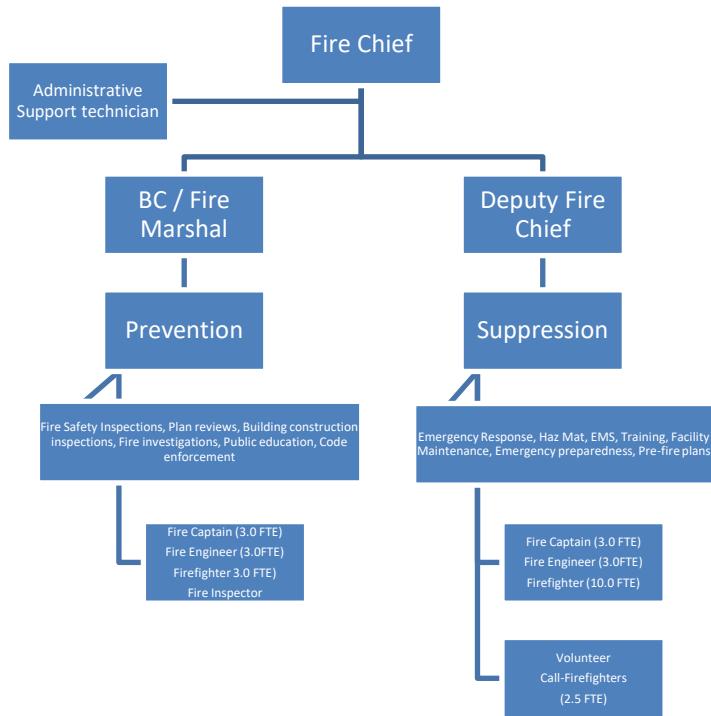
--Tim Ieronimo, Fire Chief

Budget



| FIRE SUPPRESSION BUDGET PER CAPITA | | | | |
|---|-------------|------------|---------------|--|
| Year | Budget | Population | Budget/capita | |
| 2008 | \$3,661,820 | 51,599 | \$70.97 | |
| 2009 | \$3,530,070 | 52,570 | \$67.15 | |
| 2010 | \$3,532,630 | 53,266 | \$66.32 | |
| 2011 | \$3,556,490 | 54,950 | \$64.72 | |
| 2012 | \$3,731,840 | 55,123 | \$67.70 | |

Organizational Chart



Incident Statistics

| <i>Incident Type</i> | <i>Responses</i> | <i>Percent of total</i> |
|---|------------------|-------------------------|
| Fire | 159 | 3.35% |
| Explosion | 7 | .15% |
| EMS – Medical | 3202 | 67.42% |
| Hazardous Condition | 96 | 2.02% |
| Service Call | 209 | 4.4% |
| Good Intent | 920 | 19.37% |
| False Alarm | 153 | 3.22% |
| Other Incident Types | 3 | .06% |
| Total incidents in 2012 4749 | | |

Apparatus Responses

| Apparatus | Emergency | Non-priority | Apparatus | Emergency | Non-priority |
|------------------|-----------|--------------|-------------------|-----------|--------------|
| Chief 1 | 52 | 1 | Engine 1 | 2544 | 109 |
| Chief 2 | 14 | 3 | Engine 2 | 1283 | 56 |
| Chief 3 | 26 | 4 | Patrol 1 | 973 | 4 |
| Utility 1 | 3 | 0 | Patrol 2 | 8 | 0 |
| Haz-mat 1 | 0 | 0 | E202 | 4 | 0 |
| Command 1 | 0 | 0 | Engine 201 | 23 | 0 |

Response Time

Historically, the goal of the Hanford Fire Department is to maintain the five minute emergency response time to **90%**. In fiscal year 09/10 the departments goal changed slightly to obtain a (4) minute emergency response drive time to reach **90%** of total calls for service by the first arriving unit. See "Fractile Response" information.

| Response Time | Code 3 (Emergency) calls |
|---------------------------|--------------------------|
| Less than 1 minute | 7 |
| 1-2 minutes | 22 |
| 2-3 minutes | 88 |
| 3-4 minutes | 278 |
| 4-5 minutes | 598 |
| 5-6 minutes | 894 |
| 6-7 minutes | 776 |
| Over 7 minutes | 1047 |

Fractile Response Information

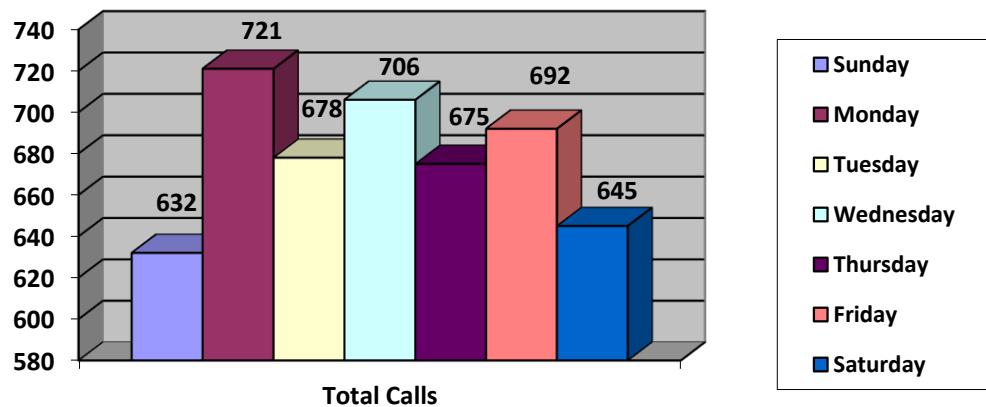
| | | | | | | | | | | | |
|--|---|-------------|--------------------|-------------|---------------------|-------------|--------------------------------|-------------|---------------------------------|-------------|--|
| <p>Dispatch Reaction Time Goal is 90% within 1 minute</p> <p>41%</p> | <p>Turnout Time for EMS Goal is 90% within 1 minute</p> <p>35%</p> | | | | | | | | | | |
| <p>Actual 90% Times</p> <table> <tr> <td>Dispatch Reaction Time</td> <td>2:53</td> </tr> <tr> <td>Turnout Time (EMS)</td> <td>2:14</td> </tr> <tr> <td>Turnout Time (FIRE)</td> <td>3:00</td> </tr> <tr> <td>Response Time-Drive Time (EMS)</td> <td>5:09</td> </tr> <tr> <td>Response Time-Drive Time (FIRE)</td> <td>6:26</td> </tr> </table> | Dispatch Reaction Time | 2:53 | Turnout Time (EMS) | 2:14 | Turnout Time (FIRE) | 3:00 | Response Time-Drive Time (EMS) | 5:09 | Response Time-Drive Time (FIRE) | 6:26 | <p>Turnout Time for fires Goal is 90% within 1 minute</p> <p>31%</p> |
| Dispatch Reaction Time | 2:53 | | | | | | | | | | |
| Turnout Time (EMS) | 2:14 | | | | | | | | | | |
| Turnout Time (FIRE) | 3:00 | | | | | | | | | | |
| Response Time-Drive Time (EMS) | 5:09 | | | | | | | | | | |
| Response Time-Drive Time (FIRE) | 6:26 | | | | | | | | | | |
| <p>Response Time (Drive Time) for EMS Goal is 90% within 4 minutes</p> <p>72%</p> | <p>Response Time (Drive Time) for fires Goal is 90% within 4 minutes</p> <p>53%</p> | | | | | | | | | | |

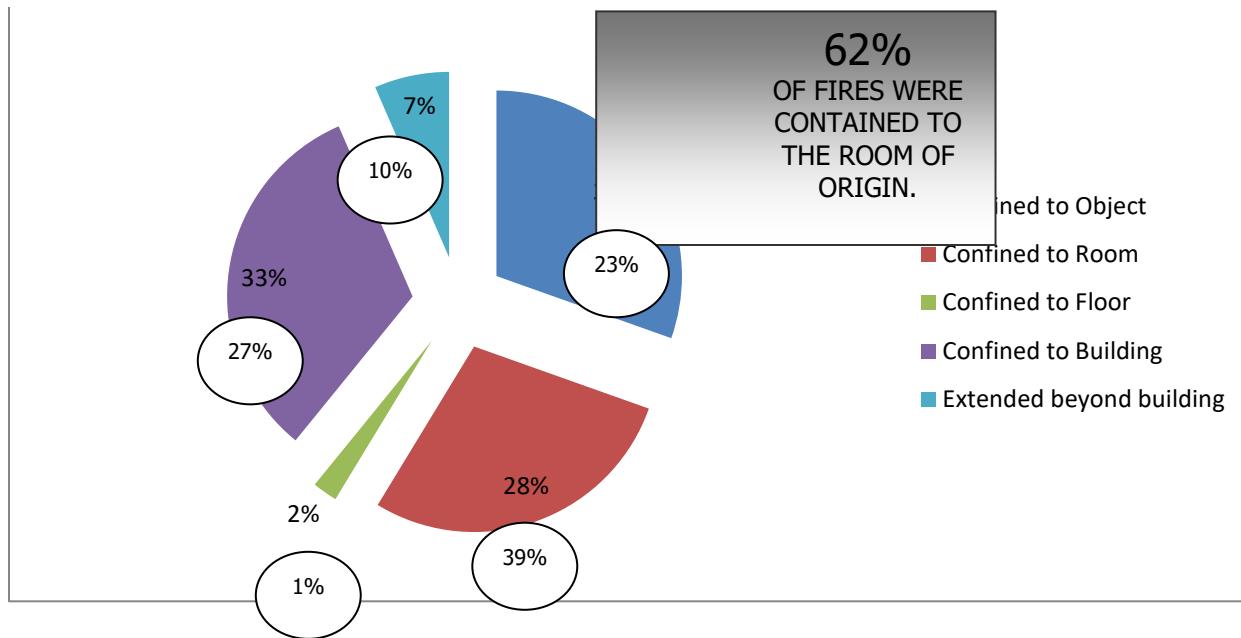
Incident Distribution

Incidents by time of day

| Time of day | Number of Incidents |
|-------------|---------------------|
| 00:00-00:59 | 121 |
| 01:00-01:59 | 110 |
| 02:00-02:59 | 88 |
| 03:00-03:59 | 105 |
| 04:00-04:59 | 95 |
| 05:00-05:59 | 93 |
| 06:00-06:59 | 105 |
| 07:00-07:59 | 159 |
| 08:00-08:59 | 210 |
| 09:00-09:59 | 208 |
| 10:00-10:59 | 254 |
| 11:00-11:59 | 269 |
| 12:00-12:59 | 277 |
| 13:00-13:59 | 293 |
| 14:00-14:00 | 260 |
| 15:00-15:59 | 261 |
| 16:00-16:59 | 251 |
| 17:00-17:59 | 287 |
| 18:00-18:59 | 259 |
| 19:00-19:59 | 236 |
| 20:00-20:59 | 235 |
| 21:00-21:59 | 224 |
| 22:00-22:59 | 196 |
| 23:00-23:59 | 153 |

Incidents by day of the week





It is the goal of the Hanford Fire Department to confine **80%** of all property loss structure fires to the room of origin.

| Month | 2012 Fire Loss | 2011 | 2012 Total Value | 2011 Value | Total Savings |
|--------------|-----------------------|------------------|-------------------------|---------------------|----------------------|
| January | \$2300 | \$40,648 | \$471,025 | \$577,847 | \$468,725 |
| February | \$26,646 | \$26,400 | \$507,548 | \$379,911 | \$480,902 |
| March | \$35,094 | \$70,329 | \$973,784 | \$560,272 | \$938,690 |
| April | \$67,960 | \$12,000 | \$388,017 | \$152,638 | \$320,057 |
| May | \$113,222 | \$243,025 | \$597,497 | \$1,297,064 | \$484,275 |
| June | \$244,927 | \$15,700 | \$2,427,201 | \$15,700 | \$2,182,174 |
| July | \$2,239,721 | \$46,800 | \$2,633,163 | \$326,249 | \$393,342 |
| August | \$101,506 | \$6,500 | \$1,116,622 | \$1,353,342 | \$1,015,116 |
| September | \$10,717 | \$25,710 | \$174,819 | \$383,825 | \$164,102 |
| October | \$3,600 | \$10,268 | \$4,841 | \$1,436,324 | \$1,241 |
| November | \$2,150 | \$20,256 | \$317,980 | \$25,573,971 | \$315,830 |
| December | \$200 | \$10,675 | \$350 | \$154,213 | \$150 |
| TOTAL | \$2,847,773 | \$528,131 | \$9,612,847 | \$32,057,443 | \$6,675,074 |

Fire Station 1

Fire Station 1 is located at 350 W. Grangeville Boulevard. This station is the headquarters for the Hanford Fire Department. The Fire Chief, Deputy BC/Fire Marshal and Fire Inspector all offices at this station. This station has in service since 1989 and responds to 76% of all the calls received by the department. Daily staffing is either 4 or 5 firefighters staffing (2) apparatus. This station is also home to the Hazardous Materials Response unit



3559 Calls for service
In 2012
(in station 1's jurisdiction)

Chief,
have
been
nearly

Fire Station 2

Fire Station 2 is located at 10553 Houston Avenue. This station is responsible for protecting the southern portions of Hanford including the industrial park. Station 2 is staffed with 3 firefighters on 1 or 2 units respectively. Station two also serves as a training facility for vertical ventilation and forcible entry. The Mobile Command unit housed here for use by both the fire and departments. These units respond to just than 24% of all calls.



1090 Calls for service
In 2012
(in station 2's jurisdiction)

or 4
is
police
better

Future Fire Station's

In 2008, The Hanford Fire Department commissioned a study to determine the best locations of new fire stations in order to reduce response times and keep up with growth.

Fire Station 3 – North of Grangeville at Centennial

Fire Station 4 –South of Hanford Armona road at 12th Avenue

Training

*The Hanford Fire Department is an all hazard response organization. Fighting fire is one of several disciplines that are required of the firefighters in Hanford. Our companies respond to emergency medical aids, traffic collisions, gas leaks, confined space rescues, hazardous materials spills as well as many other types of emergencies. Each of these requires a separate set of skills and abilities. Each year the Hanford firefighter spends hundreds of hours training in a continuing commitment to be at the ready. In 2012, members of the Hanford fire department completed **4,619** hours of training*

| | | | |
|-------------|-------|--------------|--------------|
| Baker | 160.5 | Kaufman | 222 |
| Bracy | 122 | Lee | 122 |
| Briones | 171.5 | Martinez | 130.5 |
| Brotemarkle | 187 | McKean | 127.5 |
| Buller | 189.5 | Mellon | 171.4 |
| Cogburn | 193 | Rossmann | 213.3 |
| Costa | 216.5 | Rowe | 203.10 |
| Ekk | 167.5 | Silsby | 187.2 |
| Etulain | 128 | Springer | 170.5 |
| Fredrickson | 154.5 | Sumaya | 170.5 |
| Glynn | 175.5 | Sunia | 227.6 |
| Henry | 217.2 | Turner | 157 |
| | | Weisser | 86 |

Training (Volunteers)

Hanford volunteers meet twice each month on a Wednesday for lecture and on a Saturday for manipulative training. Hanford volunteers respond to fires of all types.

| | | | |
|---------|------|----------------|-------------|
| Bradley | 31 | Kong | 33 |
| Brady | 34.5 | Kurtz | 29.5 |
| Brieno | 3.5 | Puerner | 57.8 |
| Dodd | 1 | Ronk | 11.5 |
| Farr | 24.5 | Sumaya | 13 |
| Gray | 5 | Torres | 36 |
| Kennedy | 28 | Wilhite | 7.5 |
| Kile | 11 | Young | 8 |

Fire Suppression Activities

The Hanford Fire department also participates in activities outside of the emergency response. The Hanford fire department is committed to providing the public the services that it needs to aid in fire safety and education.

| Activity | Hours | Activity | Hours | Activity | Hours |
|----------------------------------|--------------|-----------------------------------|--------------|---------------------------------|--------------|
| Physical Fitness | 2311 | Smoke Detectors | 14 | Reports / Paperwork | 472 |
| Run book / Maps | 4 | SCBA Maintenance | 39 | Vehicle Maintenance | 2636 |
| Company Inspections | 87 | Company re-Inspections | 17 | Equipment Maintenance | 2729 |
| Fire Hose Maintenance | 253 | Fire Investigations | 75 | Fire Station Maintenance | 1118 |
| Fuel Apparatus | 194 | Grounds Maintenance | 845 | Hydrant Maintenance | 559 |
| Errands and mail delivery | 1041 | Meetings | 350 | Miscellaneous | 288 |
| Office Work | 189 | Officer Time | 401 | Public Relations Visits | 247 |
| Thursday Night Market | 47 | General Fire Safety Class | 8 | CPR Classes | 0 |
| Extinguisher Class | 9 | Fire Prevention Week class | 57 | Fire Station Tours | 182 |

Fire Prevention Activities

It is the goal of the Fire Prevention division to provide efficient and cost effective fire prevention programs for the citizens of Hanford, enforce the latest edition of the Uniform Fire Code as well as California State and local ordinances.

| Activity | # | Activity | # | Activity | # |
|--|----------|---|----------|---|----------|
| <i>Building Inspections</i> | 38 | <i>Complaint Inspections</i> | 14 | <i>Residential Safety Inspection</i> | 0 |
| <i>Building Re-Inspections</i> | 6 | <i>Citations Issued</i> | 1 | <i>Hood system inspection</i> | 5 |
| <i>Certificate of Occupancy Inspection</i> | 177 | <i>Hydrant Fire Flow</i> | 2 | <i>Knox box installation</i> | 13 |
| <i>Certificate of Occupancy Re-Inspection</i> | 111 | <i>Underground 200psi test</i> | 9 | <i>Weed abatement notice</i> | 0 |
| <i>Project Review (Meeting)</i> | 0 | <i>Above ground 200psi test</i> | 75 | <i>Weed abatement inspection</i> | 61 |
| <i>Project Review (Plans)</i> | 168 | <i>Sprinkler acceptance test</i> | 104 | <i>Juvenile Fire setter program</i> | 0 |
| <i>Site Plan Review</i> | 16 | <i>Permits for above ground storage tank</i> | 0 | <i>Construction inspection</i> | 124 |
| <i>Project Consultation</i> | 22 | <i>Fire Alarm test</i> | 11 | <i>Fireworks booth inspection</i> | 30 |
| <i>State Licensing Inspection</i> | 17 | <i>Public Service Announcement</i> | 26 | <i>Fire Investigations</i> | 54 |