



2024

FOUNTAIN VALLEY
FIRE DEPARTMENT
ANNUAL REPORT



FIRE ADMINISTRATION



BILL MCQUAID
Fire Chief



JULIEANN PARENTE
Mgmt. Aid/Chief's Assistant



MONICA KERR
Fire Admin. Assistant

OPERATIONS



DAVE DUKELLIS
Battalion Chief, A-Shift



TIM SAIKI
Battalion Chief, B-Shift



MATT BARR
Battalion Chief, C-Shift

FIRE PREVENTION



MICHELLE RUDAITIS
Fire Marshall / Admin. BC



THANG NGUYEN
Fire Prevention Analyst

TRAINING AND EMS



BRENT WATERWORTH
Captain, Training Officer



LAUREN LEE
EMS Manager

FIRE STATION 1

Fire Station 1 - 17737 Bushard Street

Battalion 3 - 1 Battalion Chief

Truck 31 - 4 Personnel

Engine 31 - 4 Personnel

2024 Unit Responses: 5,467



VALLEY AMBULANCES

2024 FVFD Ambulance Responses

Valley Ambulance 31 (24 hours) - **3,359 Responses**

Valley Ambulance 32 (12 hours) - **1,779 Responses**

FIRE STATION 2

Fire Station 2 - 16767 Newhope Street

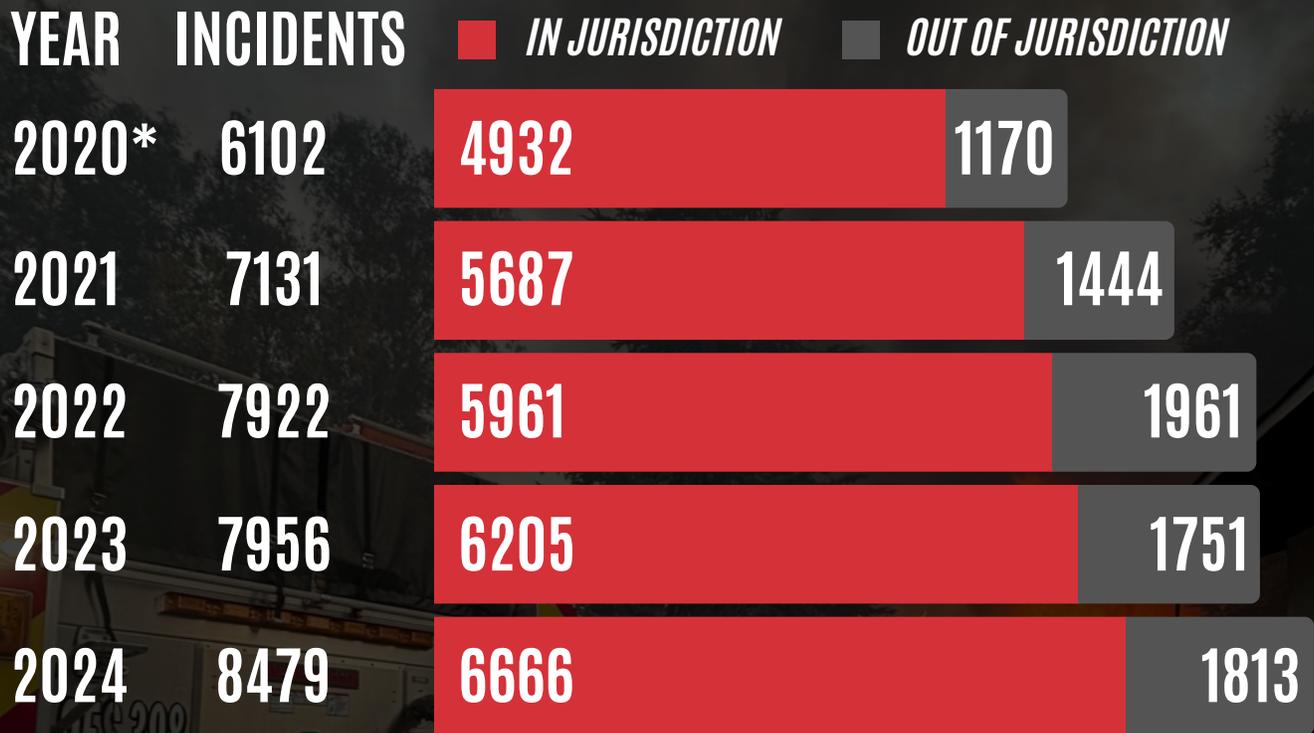
Engine 32 - 4 Personnel

2024 Unit Responses: 2,965



2024 RESPONSE STATISTICS

In 2024, the Fountain Valley Fire Department received calls for 8,479 incidents. This includes all incidents within the borders of Fountain Valley (in jurisdiction) as well as incidents outside of Fountain Valley (out of jurisdiction).



*In 2020, call volume decreased significantly due to the Covid-19 pandemic.

7.4%

Increase in calls **in jurisdiction** from 2023 to 2024

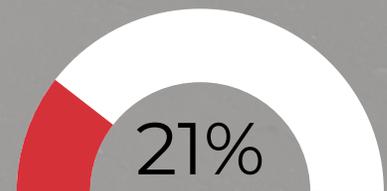
3.5%

Increase in calls **out of jurisdiction** from 2023 to 2024

6.6%

Increase in **all calls** from 2023 to 2024

In 2024, 21% of our incidents occurred outside our jurisdiction as part of automatic and mutual aid agreements.



2024 RESPONSE CATEGORIES



CATEGORY	2020*	2021	2022	2023	2024
Fire	315	394	400	423	411
Hazmat	43	48	42	48	55
Medical	5019	5888	6658	6570	7107
Other Emergency	332	355	337	388	405
Service	381	439	479	522	500
Regional Emergency	12	7	6	5	1
Total	6102	7131	7922	7956	8479
% Change from prev yr.		+16.9%	+11.1%	+0.01%	+6.57%

*In 2020, call volume decreased significantly due to the Covid-19 pandemic.

2024 UNIT RESPONSES

The Fountain Valley Fire Department not only serves the City of Fountain Valley but also assists neighboring communities in need. In 2024, approximately 24% of our unit responses were outside the City of Fountain Valley. The following table shows the total number of incidents by jurisdiction and how many Fountain Valley Fire Department units responded to each jurisdiction in 2024.

Jurisdiction	Number of Incidents FVFD Units Responded To	Total FVFD Units Dispatched*	% of Units Dispatched to Total Unit Count
Fountain Valley	5915	6488	76.42%
OCFA**	948	1070	12.60%
Huntington Beach	797	852	10.04%
Costa Mesa	65	77	0.91%
Newport Beach	3	3	0.04%
Total	7728	8490	

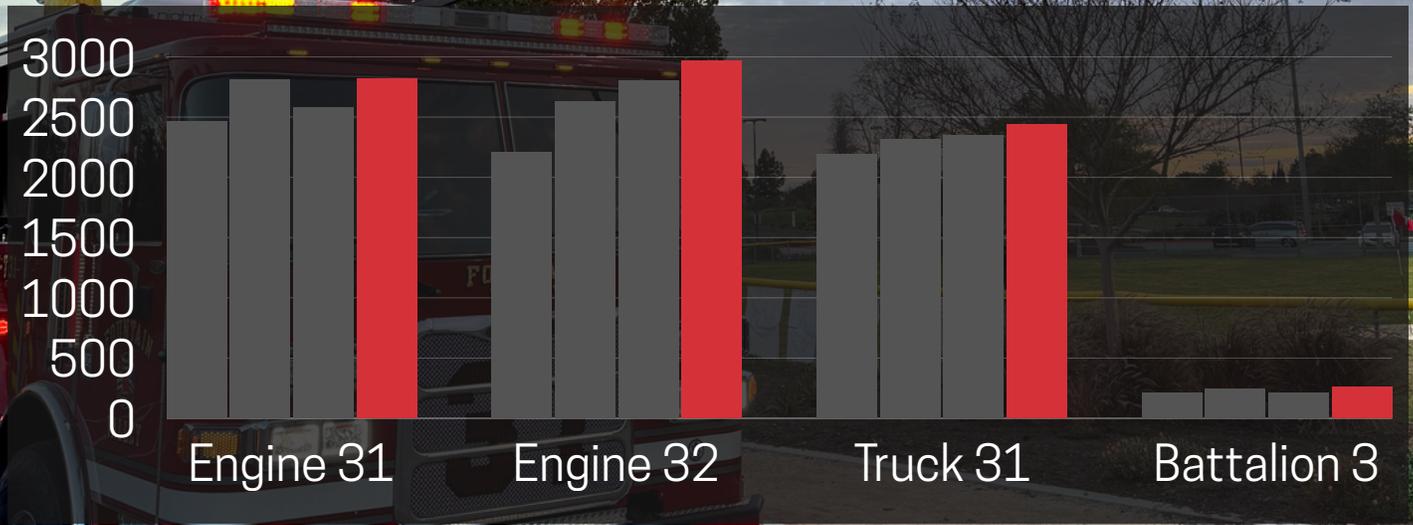
* Some incidents may have multiple units dispatched.

** OCFA counts also include out-of-county, mutual aid responses.

2024 UNIT RESPONSES

A unit response refers to any instance where an FVFD unit responds either within or beyond the jurisdiction of Fountain Valley. Certain incidents, such as fires or traffic accidents involving entrapment, may require multiple units to respond to the same incident. The table below displays the total number of incidents that each unit of the Fountain Valley Fire Department responded to from 2021 to 2024.

Apparatus	2021	2022	2023	2024
Engine 31	2464	2812	2580	2819
Engine 32	2208	2627	2805	2965
Truck 31	2193	2313	2344	2435
Battalion 3	213	241	213	258



2024 RESPONSE TIMES

Response Time is the total time from when a unit is dispatched until the unit arrives on scene. Response times are affected by incident location, traffic, construction, time of day, and call volume.

MEDICAL AID RESPONSE TIMES

DAY (730AM to 9PM) - IN JURISDICTION GOAL 5 MIN, 15 SEC

2023	2024	
4:46	4:50	IN FOUNTAIN VALLEY
6:04	6:23	OUTSIDE FOUNTAIN VALLEY

NIGHT (9PM to 730AM) - IN JURISDICTION GOAL 5 MIN, 45 SEC

2023	2024	
6:07	5:55	IN FOUNTAIN VALLEY
6:43	6:47	OUTSIDE FOUNTAIN VALLEY

FIRE AND TRAFFIC ACCIDENT RESPONSE TIMES

DAY (730AM to 9PM) - IN JURISDICTION GOAL 5 MIN, 30 SEC

2023	2024	
5:49	5:54	IN FOUNTAIN VALLEY
7:21	7:57	OUTSIDE FOUNTAIN VALLEY

NIGHT (9PM to 730AM) - IN JURISDICTION GOAL 6 MIN

2023	2024	
7:03	7:14	IN FOUNTAIN VALLEY
9:02	9:30	OUTSIDE FOUNTAIN VALLEY

Note: Outlier response times above the 98th percentile were excluded from the averages. These outliers are often from the company officer not pressing the "arrived on scene" button or from an extended response time e.g. response to an out-of-city structure fire or out-of-county brush fire.

2024 EMS STATISTICS

In 2024, 84% of the department's emergency responses were for emergency medical services (EMS), including medical aids and traffic accidents with injuries. Each engine and truck company is equipped and staffed by four firefighters who are capable of providing advanced life support (ALS) emergency medical care for any type of illness or injury. Two of the four firefighters on each fire company are licensed Paramedics, while the other two are certified Emergency Medical Technicians/EMTs.

6515

PATIENT CONTACTS

A patient contact is considered advanced life support (ALS) if a paramedic escorts the patient to the hospital or performs advanced life support on the scene.

59%

BASIC LIFE SUPPORT (BLS)
3857 PATIENTS

41%

ADVANCED LIFE SUPPORT (ALS)
2658 PATIENTS

2,083

MEDICATIONS ADMINISTERED

1,429

EKGs / 12 LEADS

TOP 10 DISPATCH CALL TYPES

1. FALLS
2. UNCONSCIOUS/UNRESPONSIVE/SYNCOPE
3. SICK(UNKNOWN)/OTHER
4. BREATHING DIFFICULTY
5. MOTOR VEHICLE ACCIDENT (MVA)
6. PAIN (NON-TRAUMATIC)
7. CHEST DISCOMFORT/HEART PROBLEMS
8. OVERDOSE/POISONING
9. MENTAL/EMOTIONAL/PSYCHOLOGICAL
10. CONVULSIONS/SEIZURES

Photo of OCFA Hosted Active Shooter Drill, Chuck Fedak

TRAINING DIVISION

Training is a key component to ensure high-quality emergency service delivery. Newly hired firefighters undergo a rigorous multi-week fire academy and all personnel participate in continuous training throughout the year. The training program is run by an administrative fire captain who has an office at our training center. Since 1972, the Fountain Valley Fire Department and Huntington Beach Fire Department have shared a training center through a joint powers authority known as Central Net Operations Authority. The two departments train together and operate the 5-acre training center, which includes a 5-story training tower, classrooms, and simulator props. Some of the training highlights of 2024 are:

- Firefighter/Paramedic Academy – January
- Reserve Firefighter Academy - March
- Multi-Company RIC Drill at SPEC Property - March
- Fire Ops 101 - May
- Assisted with multiple outside agency promotional tests

2024 Training Hours

Fire & Rescue Related Training Hours	7323.3
EMS Related Training Hours	1673.0
Wildland Training Hours	379.0
Hazmat Training Hours	112.5
Driver Training Hours	486.3
Administrative Training Hours	50.0
Total Training Hours for 2024	10024.1

FIRE PREVENTION

At the Fountain Valley Fire Department (FVFD), our top priority is the safety and well-being of our community. Every year, our dedicated firefighters and fire prevention team conduct life safety inspections and fire plan reviews to ensure that local businesses are meeting fire safety standards. These inspections also enable our crews to remain familiar with the layout and operations of buildings—knowledge that is crucial during emergency responses.

In addition to our fire inspections, we're proud to be active participants in community events such as Summerfest, Career Day, Open House, and the Jr. Fire Academy. These events are an excellent opportunity for us to connect with the public, share fire safety tips, and engage with residents of all ages.

The FVFD also oversees the Hazardous Materials Program, which helps local businesses comply with the California Health and Safety Code, Chapter 6.95. This includes the Hazardous Materials Disclosure and Business Emergency Plan programs. Through regular inspections and pre-planning, we help protect lives, property, and the safety of our first responders. By working together—fire personnel, business owners, and the community—we can reduce risks, improve emergency readiness, and keep Fountain Valley a safe place to live, work, and visit.

2024 FIRE PREVENTION STATISTICS

Total number of assigned occupancies	1764
Number of businesses inspected	1010
Number of hazmat inspections performed	38
Number of school inspections performed	24
Plans Checks	362
Fire Permits Issued	328
Property and Contents Lost (to fire)	\$3,186,150
Property and Contents Saved (due to fire suppression)	\$16,192,647

2024 MUTUAL AID

ORANGE COUNTY FLOOD RESPONSE

- February 2024
- Orange County
- Prepositioned Type 3 Strike Team
- Strike Team Leader Trainee

POST FIRE - 15,563 ACRES

- June 2024
- Los Angeles County
- Type 1 Strike Team
- OES Engine 398

THOMPSON FIRE - 3,789 ACRES

- July 2024
- Butte County
- Type 1 Strike Team
- OES Engine 398

AIRPORT FIRE - 23,526 ACRES

- September 2024
- Orange and Riverside Counties
- Type 1 Strike Team
- OES Engine 398



The Fountain Valley Fire Department is proud to provide mutual aid assistance in Orange County and throughout California, by offering Chief Officers and city-owned fire engines. The FVFD also manages a State-owned, Type 1 fire engine (OES 398) that is available for all-hazard mutual aid requests throughout Orange County and California. In 2024, the Fountain Valley Fire Department responded to the Airport Fire in Orange County (pictured above).



2024 FIRE DEPARTMENT BUDGET

FISCAL YEAR BUDGET COMPARISONS

	22/23 ACTUAL	23/24 ACTUAL	24/25 ACTUAL
PERSONNEL	\$10,276,854	\$11,382,035	\$12,377,821
INTERNAL SERVICES CHARGES	\$1,407,658	\$1,429,790	\$1,419,435
OPERATING EXPENSES	\$2,665,458	\$2,779,471	\$4,203,383
CAPITAL EQUIPMENT	\$23,885	\$23,574	\$30,546
TOTAL	\$14,373,855	\$15,614,871	\$18,031,186
COST RECOVERY (REVENUE)	(\$3,280,236)	(\$5,114,122)	(\$8,038,753)
TOTAL MINUS COST RECOVERY	\$11,093,618	\$10,500,749	\$9,992,433
% CHANGE FROM PREV. YR. (INCLUDING REVENUE)	11.48%	-5.34%	-4.84%
FIRE DEPARTMENT PERSONNEL	46	46	46
ESTIMATED POPULATION*	56,500	56,612	56,560
INCIDENT COUNT	7,922	7,956	8,479
COST PER CAPITA (INCLUDING COST RECOVERY)*	\$196.35	\$185.49	\$176.67
COST PER CALL (INCLUDING COST RECOVERY)**	\$1,400.36	\$1,319.85	\$1,178.49

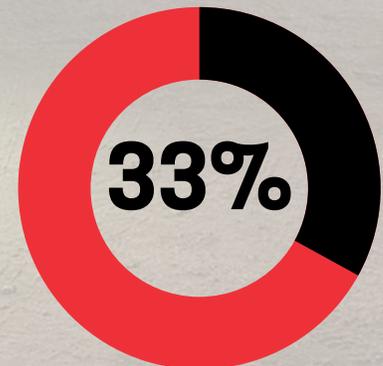
FISCAL YEAR 23/24 FIRE DEPARTMENT ACTUAL EXPENDITURES

\$15,614,871

FISCAL YEAR 23/24 FIRE DEPARTMENT ACTUAL REVENUE (COST RECOVERY)

\$5,114,122

IN FISCAL YEAR 23/24, 33% OF THE FIRE DEPARTMENT'S EXPENDITURES WERE RECOVERED BY COST RECOVERY. THE FIRE DEPARTMENT HAS MANY AVENUES OF COST RECOVERY, INCLUDING THE PARAMEDIC SUBSCRIPTION PROGRAM, AMBULANCE TRANSPORTATION PROGRAM, FIRE PREVENTION FEES, STRIKE TEAM REIMBURSEMENT, ETC.



* State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2021-2025, with 2020 Census Benchmark. Sacramento, California, May 2025.

**The "cost per call" calculation uses the call volume for the calendar year the fiscal year started in.

2024 FIRE OPS 101

In 2024, the Fire Department hosted FIRE OPS 101. FIRE OPS 101 is an interactive learning experience that integrates the participants into typical fire department operations. Throughout the experience, each participant directly engaged in activities that are experienced by all-risk emergency responders. FIRE OPS 101 was an extraordinary opportunity for our City's elected officials and executive management team to acquire firsthand experience working within the dynamic and challenging emergency response environment.



2024 PARTICIPANTS

ENGINE 31 CREW

- Captain - Glenn Grandis, Mayor
- Engineer - Scott Smith, Public Works Director
- Firefighter - Rob Firzelle, Community Services Director
- Firefighter - Scott Kim, IT Director

BATTALION 3

- Battalion Chief - Carrie Haines, Human Resources Director

TRUCK 31 CREW

- Captain - Jim Cunneen, Council Member
- Engineer - Omar Dadabhoj, Community Development Director
- Tiller Firefighter - Ted Bui, Vice Mayor
- Cab Firefighter - Colin Burns, City Attorney

EDUCATION AND LEADERSHIP

The Fountain Valley Fire Department values education. The City of Fountain Valley supports the Fire Department's higher education pursuits by providing programs like the Tuition Reimbursement Program. The Fire Department also dedicates a portion of its budget to tuition reimbursement for fire-related classes such as Fire Officer, Chief Officer, and Peer Support.

Leadership and Educational Conferences Attended in 2024:

- National Character & Leadership Symposium (NCLS), U.S. Air Force Academy - Feb.
- CJPIA Public Safety Academy, Paso Robles - March
- Wildland Urban-Interface (WUI) Conference, Reno - March
- National Fire and Emergency Services Symposium, Washington DC - April
- CA Fire EMS & Disaster (CFED) Conference, Indian Wells - May
- Municipal Management Assoc. of So. California Conference, Santa Barbara - November
- League of Cities Fire Chiefs Leadership Seminar - December



2024 HIGHLIGHTS

January / February

- New Firefighter Recruit Academy
- Annual Fire Chief Inspection
- FV High School Career Day
- First Responder Appreciation Breakfast at Carmel Retirement
- Filming of Reptile Royalty Episode “Snakes and Ladders”
- Beachpoint Church Preschool Demo

March

- Bill Worth’s Celebration of Life
- Reading with a Firefighter Day
- Talbert Middle School Open House
- LAFD Boyd Street After Action Review
- Fountain Valley Little League Ball Drop
- Shoreline Church Preschool Demo
- FVFD Hosted Rapid Intervention Crew County-Wide Drill
- Fire Captain Promotional Test
- Cub Scout Fire Station Tour

April / May

- The Fount Church Preschool Demo
- FV Girls Fast Pitch Softball Ball Drop
- Bi-annual CPR Recertification
- Fire Ops 101
- CMFD Wildland Entrapment Seminar
- EMS Week Lunch at FV Hospital
- Memorial Day Ceremony
- Annual Gisler Elementary Carnival
- Blood Pressure Clinics

June

- Fountain Valley Youth in Government Day
- Santa Ana 185th Fire Academy Graduation
- Plavan Elementary Ball Drop Fundraiser
- Hands-Only CPR and Narcan Training at Senior Center
- Summerfest
- FV Car Show
- Senior Health Expo

July

- Fire Department 60th Anniversary
- AED/Fire Extinguisher Training at Los Cab
- FVFD Tip-A-Cop Fundraiser
- FV Rec Center Concerts in the Park
- Junior Firefighter Academy at Rec Center

August

- OC Parks Summer Concerts
- FVFA Pickleball Tournament
- National Night Out
- Slater Montessori Academy School Demo
- Universally Accessible Playground Event

September

- FV Legislative Breakfast at Senior Center
- Lobsterfest
- 9-11 Ceremony
- Storytime with a Firefighter at FV Library
- Narcan Training and FVHS Back to School
- Firefighter Recruitment Testing
- Costa Mesa FD Active Shooter Drill

October

- Slater Montessori Academy School Demo
- Plavan/Tamura Preschool Demos
- Annual Fire Department Open House
- Coffee with a Cop
- FV Hospital Halloween Parade
- City Yard Halloween Luncheon

November

- Hope Animal Therapy Demo at Station 1
- Cox Elementary School Ball Drop
- Veteran’s Day Ceremony
- Special Olympics Opening Ceremony
- Hyundai Turkey Giveaway Event
- Holy Spirit Church FF Appreciation Event

December

- Santa Ana 186th Fire Academy Grad.
- City Annual Tree Lighting Event
- City and FD Employee Luncheons
- UCI Fountain Valley Toys for Toys Event
- Spark of Love Event at Sanitation District
- Narcan Training and FV School District
- Toy Delivery to UCI FV Pediatric ICU





Fountain Valley Fire Department

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