



# Superstition Fire & Medical District ANNUAL REPORT 2017/2018



## Service Delivery Enhancement

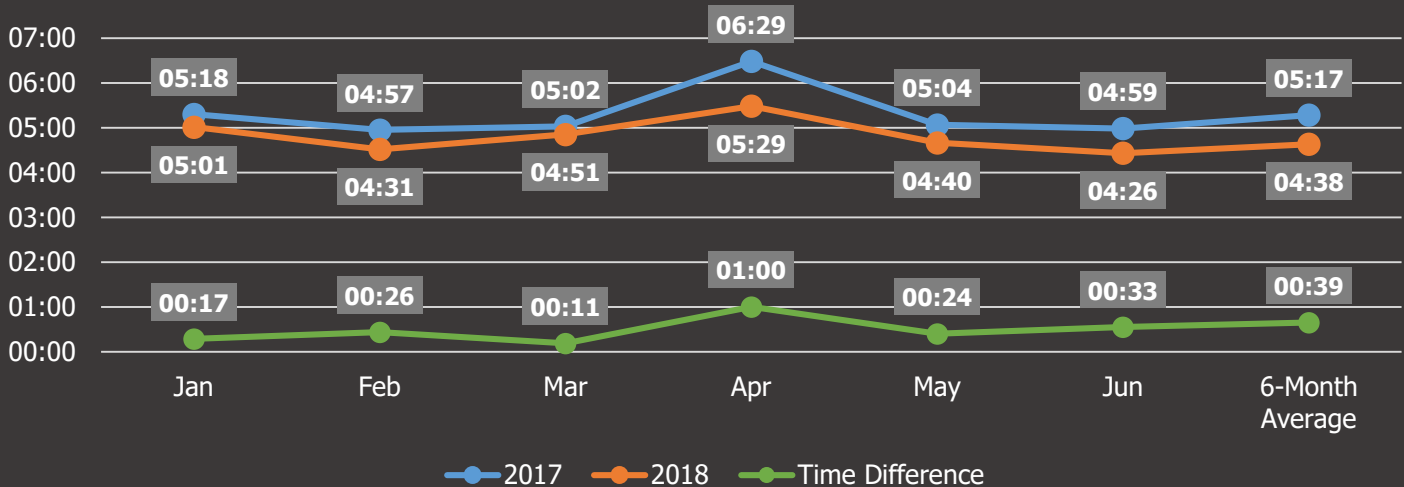
On January 8, 2018, SFMD embarked on a new strategy to enhance service delivery, increase survival rates, reduce fire spread, and lessen firefighter fatigue. This came by the way of adding a second unit to Station 263, now housing both an Engine and Ladder Company.

The purpose of adding a second unit is to prioritize an identified community risk with the integration and strategic allocation of emergency response resources to reduce negative impacts.

In recent years, response data has shown Station 263 to be our busiest station, and often times our crews were subjected to a "standup 48," meaning the crews were running call after call with very little down time in between. When a unit is so busy running calls all day, at some point it affects response times due to firefighter fatigue or because they are often not responding from the station, but rather from the location of the last call. With the second unit at Station 263, the impact on response times has been significant.

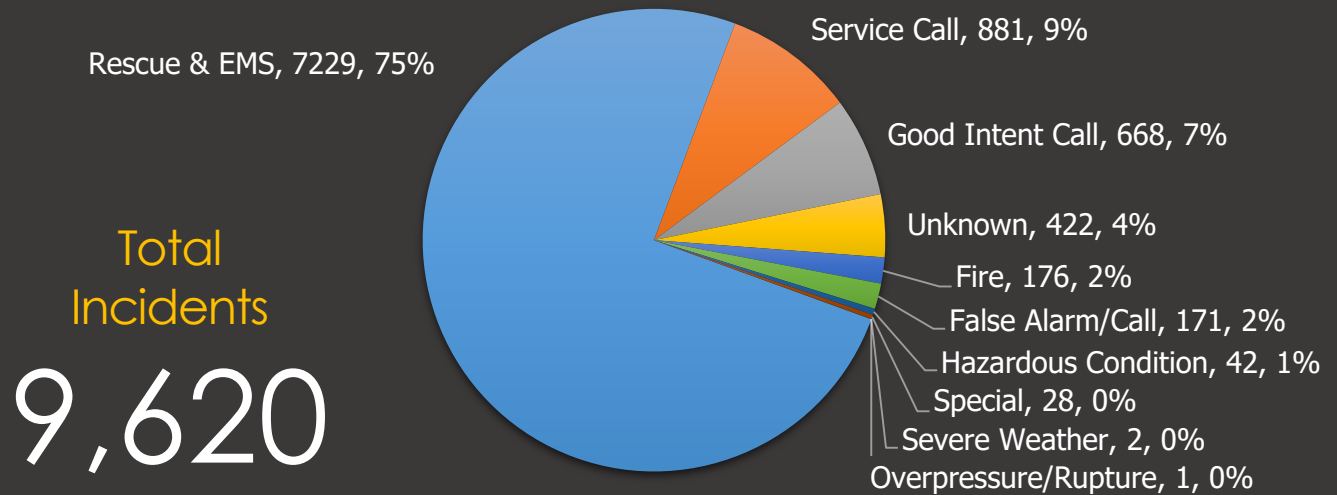
During the pilot study, it was identified early on that response times decreased significantly. From January through June, the average response time decrease was 39 seconds.

### Travel Time with Additional Unit at Station 263



# ANNUAL STATISTICS

## Incident Type Categories



## Average Response Time Emergent Incidents

**4:38**

*This is a 15% decrease from last year's 5:27.*

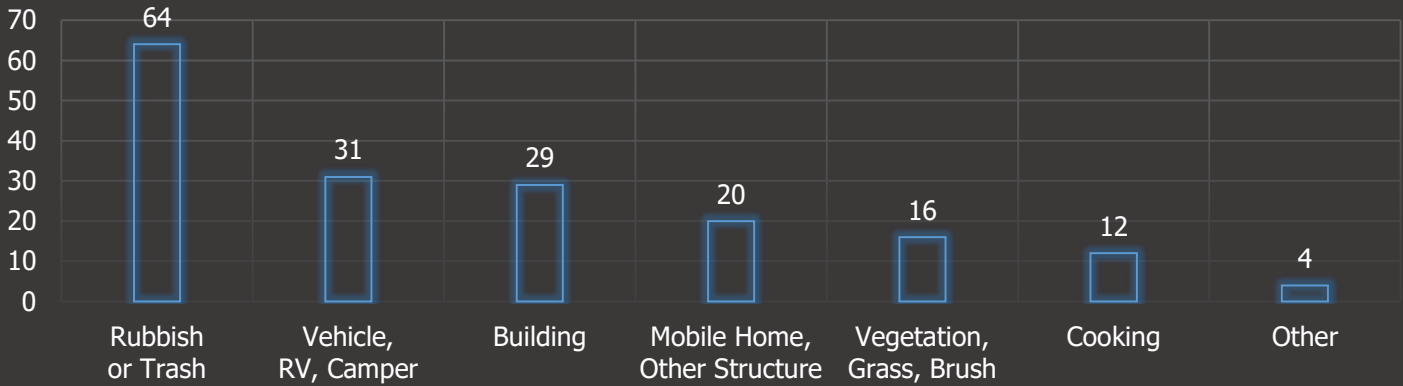


## Accomplishments

- The second unit out of Station 263 was added which lowered response times district-wide.
- SFMD identified the need for additional training and has implemented quarterly Captain Conferences.
- The Self-Inspection Program was rolled out for low hazard small businesses in our district.
- The Training Department facilitated additional EMS training and East Valley Command Training.
- Created and implemented an Employee Growth and Development Evaluation process.
- Successfully on boarded two Firefighters, one Mechanic, and eleven Transport Services employees.
- Hosted and facilitated Hostile Work Environment, Harassment, and Sexual Harassment classes for all employees.

# FIRE SUPPRESSION

## Types of Fires



## Fires - 2 Engines + 1 Ladder

	2018 Jan-Jun	2017 Jan-Jun
Total Fires	<b>20</b>	<b>12</b>
Arrived in less than 8 minutes	<b>7 - 35%</b>	<b>0 - 0%</b>
Arrived between 8 - 9 minutes	<b>3 - 15%</b>	<b>0 - 0%</b>

Pre-Incident Value of Property & Content

**\$12 million**

Property & Content Saved Value

**\$8.7 million**

Percentage of Property & Content Saved

**71%**

## Average Response Times by Unit

	Processing Time	Turnout Time	Travel Time	Reflex Time
Battalion 261	0:56	0:56	6:08	8:00
Engine 261	0:35	0:53	4:02	5:30
Engine 262	0:35	0:57	5:27	6:58
Ladder 263	0:37	0:58	4:40	6:15
Engine 263	0:42	0:53	4:29	6:04
Ladder 264	0:37	0:50	4:50	6:23
Engine 265	0:41	0:59	5:39	7:18
<b>All Fire Apparatus</b>	<b>0:38</b>	<b>0:55</b>	<b>4:38</b>	<b>6:11</b>

# EMERGENCY MEDICAL SERVICES

## 2017 Cardiac Arrest Survival Rate

AZ Statewide Survival Rate

9.6%

SFMD Survival Rate

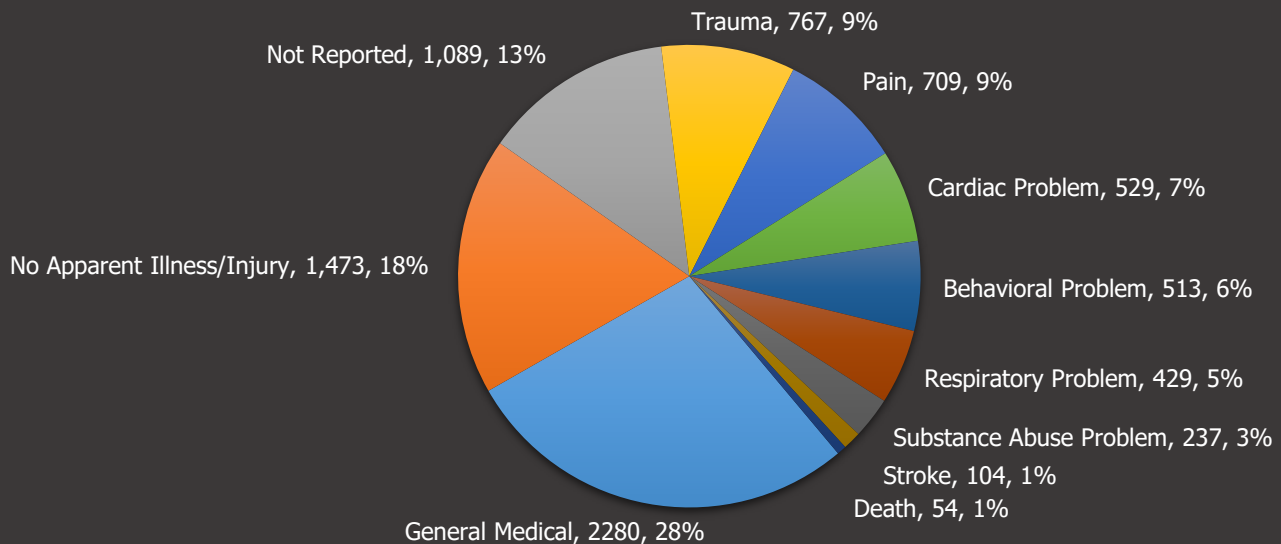
28%



## Cardiac Arrest Survival Rate

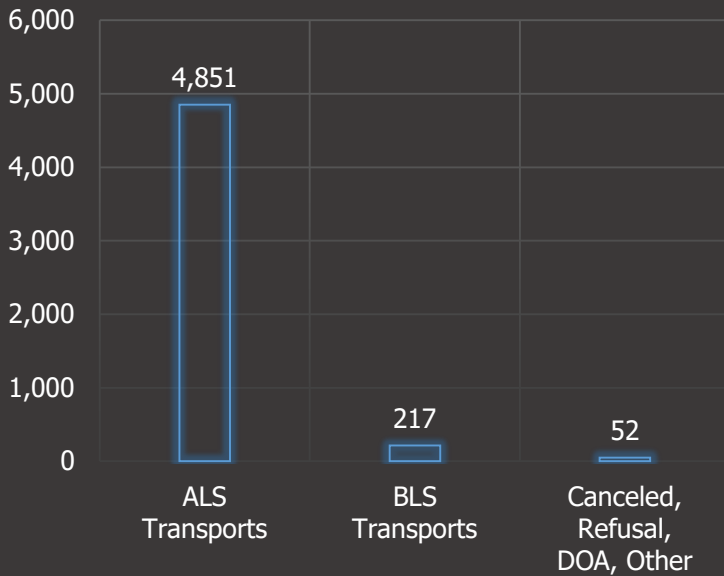
	2013	2014	2015	2016	2017	5 Years
Initial Rhythm V-fib/V-tach	11	8	13	10	25	67
Survived to Hospital Discharge	4	3	4	4	7	22
<b>Overall Survival Rate</b>	<b>36.4%</b>	<b>37.5%</b>	<b>30.8%</b>	<b>40.0%</b>	<b>28.0%</b>	<b>32.8%</b>

## EMS Call Types



# TRANSPORT SERVICES

## Transport Service Requests



## Total Transports

5,068

## Average Ambulance Transports per Day

14



During the 2017/18 fiscal year, the Transport Services Department made improvements across the board. Aside from the increase in call volume, there were other notable accomplishments;

- Our Response Time compliance went from 94% just last year to 95% this year.
- Ambulance Collection Rates increased 2% from last year.
- SFMD was awarded a General Rate increase from the Arizona Department of Health Services.

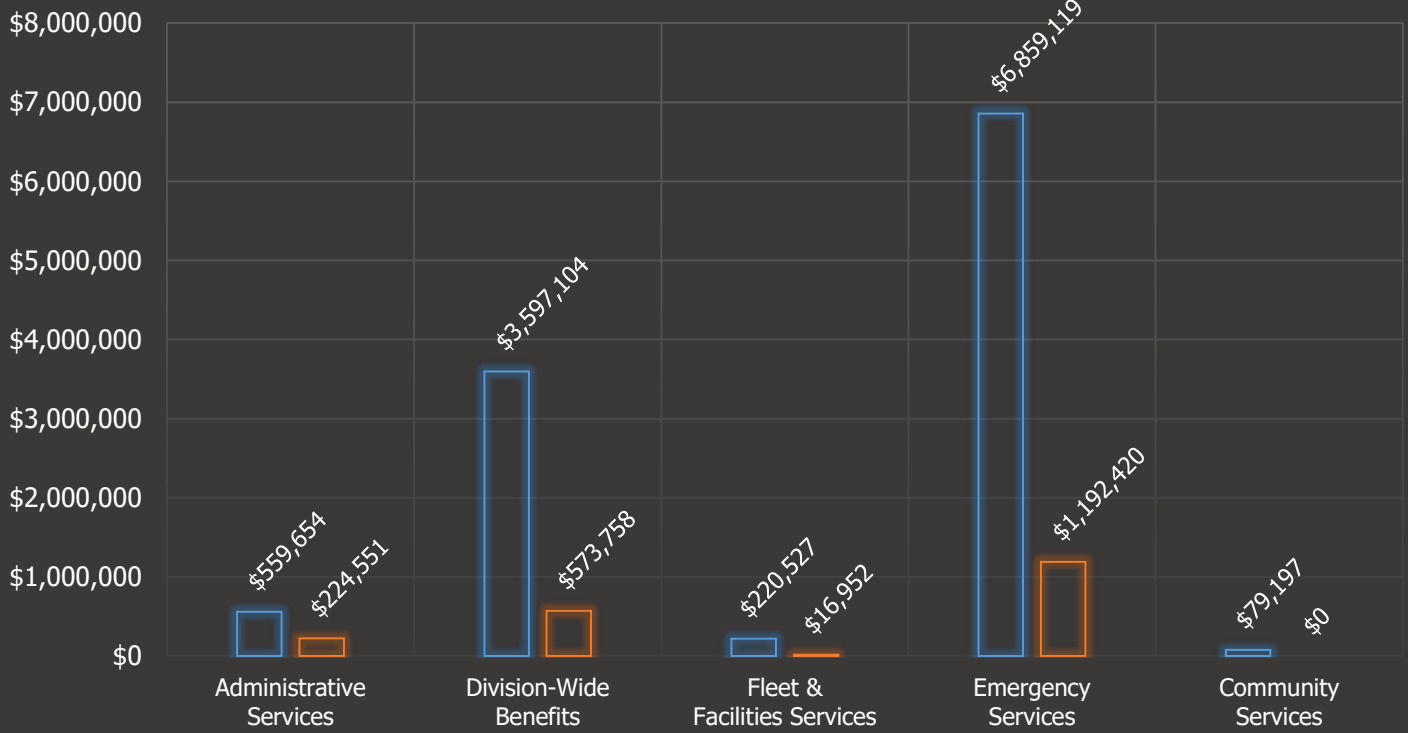
## Code 3 Ambulance Response Time Compliance Rates

	AZ Dept. of Health Services Compliance Standard	SFMD Compliance Rate for Evaluation Period (to date) <i>Jan. 2016 thru Jan. 2019</i>
Percentage of Calls at 8:59 or less	90%	95% ✓
Percentage of Calls at 14:59 or less	95%	99% ✓
Percentage of Calls at 19:59 or less	100%	100% ✓

# ANNUAL BUDGET

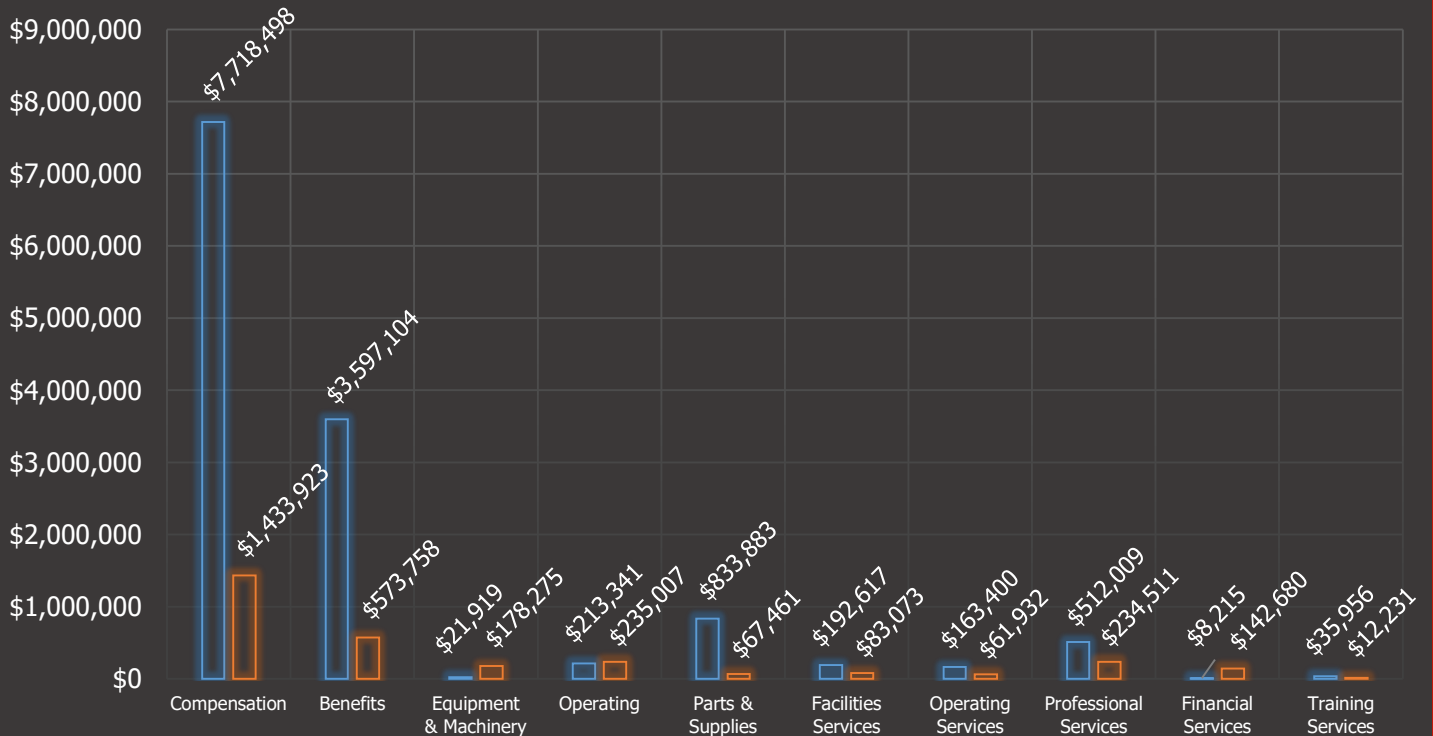
## 2017/18 Compensation

General Fund    Transport Services Fund



## 2017/18 Expenditures

General Fund    Transport Services Fund



# GRANT FUNDING

## Grant Awards

Grant Name	Amount	Year Awarded
SCBA	\$347,000	2013/14
Smoke Alarms	\$19,060	2013/14
Radios	\$138,943	2013/14
Video Conferencing	\$93,000	2015/16
Ambulance	\$200,539	2015/16
Command Training	\$91,979	2016/17
Fire Prevention	\$23,000	2016/17
Community Risk	\$110,735	2017/18
SAFER	\$2,003,706	2018/19
<b>Total</b>	<b>\$3,027,962</b>	

## Grant Funding

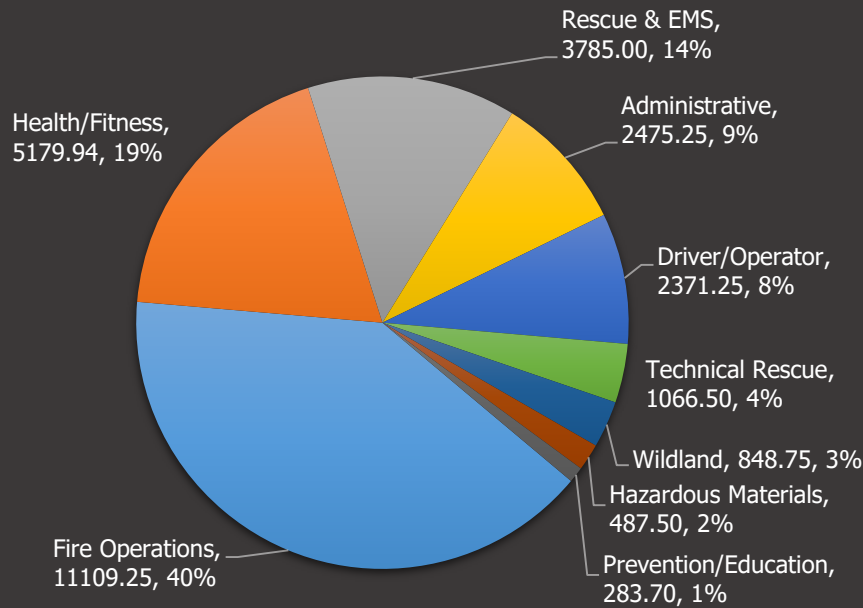
Each year, SFMD authors applications for Federal, State, and private grant funding. This year the district is proud to announce our award of \$2,003,706 in Federal funding for the hiring of firefighters. This grant covers compensation of these new firefighters over a 3-year period.

SFMD will continue its relentless pursuit of grant funding in years to come!



# TRAINING & COMMUNITY SERVICES

## Training Hours



**CCR**  
**Demonstrations**  
 (Hands -Only CPR)

**1,115**  
 community  
 members  
 were trained to  
 perform this  
 life-saving technique

## Community Services

