

Central Arizona Fire & Medical Authority 2017 Alarm Summary



2017 Statistics

Population..... 86,865
(Estimate from 2010 census blocks)

Response Area 251 square miles

ISO Rating 4/10

Personnel Divisions:

Administration:

Chief Officers 4
Finance 4
Human Resources 2
Administrative Support 6
Fire Corp Volunteers 5

Operations:

Battalion Chiefs 6
Captains 30
Engineers 30
Firefighters 43
Training 3

Planning & Logistics:

Communications/Technical 4
Facilities Maintenance 1
Fire Prevention 4
Fleet Maintenance 5
Warehouse 1

Fire Facilities:

Fire Stations 10
Reserve Fire Stations 2
Administration Building 1
Training Academy 1
Fleet Maintenance 1
Communications & Tech Services 1
Supply Warehouse 1

District Fleet:

Engines (Total) 19
Paramedic Engines 10
Reserve Engines 4
Public Education Engine 1
Parade Engine 1
Training Engine 1
Wildland Engines 2
Ladders 1
Battalion Chief Units 2
HazMat Unit (joint with PFD) 1
Water Tenders 10
Patrols 8
Light Duty Vehicles 26
Utility Unit (53) 1
Support Unit (50) 1
Rescue Unit (58) 1

Incidents by Type

Structure Fires 13
Mobile; Portable Structure Fires 16
Structure; Confined Fires 31
Vehicle Fires 29
Wildland/Brush/Grass Fires 55
Trash; Other Fires 22
Explosion/Rupture No Fire 4
EMS/Rescue Calls 7,091
Vehicle Accident with Injury 249
Vehicle Accident with No Injury 208
EMS Assistance 30
Hazardous Conditions 182
Service Calls 1,914
Good Intent Calls 1,234
False Alarms 345
Severe Weather or Natural Disaster 4
Special Type of Incident 6

Total Fire Calls 166 = 0.46 /day

Total EMS Calls 7,578 = 20.76 /day

Total Other Calls 3,689 = 10.1 /day

Total Incidents 11,433 = 31.32 /day

Unit Responses

Unit	Responses	Average Shift	Response Reliability*
E50	1,606	4.12	72.93%
E51	1,838	4.96	81.93%
E53	2,042	5.27	78.40%
E54	1,303	3.63	85.98%
E57	446	1.28	88.13%
E58	1,735	4.61	80.55%
E59	1,360	3.57	86.88%
E61	1,178	2.77	84.23%
E62	1,361	3.37	76.75%
E63	497	1.3	85.58%
T50	56	0.14	N/A
B3	332	0.8	N/A
B6	215	0.37	N/A

*Response Reliability is the probability that an apparatus is able to respond to an incident in its first due area based on the past year's incidents. N/A implies that the apparatus is not dedicated to a first due area, and responds as needed.

Call Volume History

	2015	2016	2017
Jan	896	900	973
Feb	783	872	795
Mar	876	946	944
April	839	890	907
May	870	958	952
June	926	961	994
Jul	944	906	1,030
Aug	903	969	1,052
Sept	878	930	914
Oct	886	905	928
Nov	879	842	937
Dec	956	882	1,007
Avg.	886	913	953
Total	10,636	10,961	11,433

Response Time Analysis

Response Time Performance - 1st on Scene Code 3, all call types				
	SUBURBAN		RURAL	
TIME PERIOD	90TH PERCENTILE STANDARD: 2017 9.5 MIN		90TH PERCENTILE STANDARD: 14 MIN	
	%	CALLS	%	CALLS
Jan-Mar	93.66	644	91.77	567
Apr-June	91.58	651	93.66	563
July-Sept	93.29	726	93.95	542
Oct-Dec	91.44	678	92.59	578
TOTAL	92.5	2,699	92.98	2,250
Average	6:06 Minutes		8:32 Minutes	

Alarm Information

Significant Alarms (financial impact):

\$225,000 residential structure fire, Stevens Dr, Zone 30, 1st Due Area 58
 \$175,000 residential structure fire, Ewin Dr, Zone 10, 1st Due Area 74
 \$174,000 residential mobile home fire, Upper Blue Hills, Zone 40, 1st Due Area 54
 \$170,000 residential mobile home fire, Paulden, Zone 63, 1st Due Area 63

Fire Loss Analysis:

Property Value: \$ 15,833,400
 Content Value: \$ 7,311,650

Property Loss: \$ 1,830,880
 Content Loss: \$ 426,242

Saved: 92.59%
 Saved: 84.89%

Fire Loss Breakdown:

Residential Loss \$1,947,092
 Business Loss \$ 79,500
 Vehicle Loss \$ 229,800
 Other Loss \$ 700
FIRE LOSS \$2,257,122

Fire Investigations in CAFMA: 35

Cause of fires: 19 Accidental; 1 Incendiary; 2 Lightening; 13 Undetermined.

Origin of fires: 6 Undetermined, 4 Roof/Attic, 3 Stove/Oven, 3 Porch, 2 Electrical, 2 Wall, 2 Engine, 2 Vehicle Cab, 1 Molotov Cocktail, 1 Trailer, 1 Yard Waste, 1 Laundry, 1 Kitchen, 1 Shed, 1 BBQ, 1 Garage, 1 Vent Fan, 1 Cutting Wheel, 1 Fireplace

Auto-Aid: CAFMA to PFD 1,398; PFD to CAFMA 773; CAFMA to WVFD 0; WVFD to CAFMA 0

Mutual-Aid: 17 to Mayer Fire District: 5 Structure Fires, 2 Wildfires, 3 Highway Accidents, 4 Move Ups for Flood Support, and 3 Cancelled en Route.

Out of District Calls (34): 1 Structure Fire, 1 Vehicle Fire, 4 Wildfires, 8 Public Assist, 6 EMS, 1 Vehicle Accident, 3 Unauthorized Burnings, 1 Powerline Down, and 9 Cancelled en Route.

Off-District Wildland Responses (58): 26 AZ, 11 OR, 11 CA, 3 MT, 2 TX, 2 WA, 1 GA, 1 FL, 1 NM

Casualties & Fatalities (Fire-related):

Firefighter Injuries: 0
 Firefighter Fatalities: 0

Civilian Injuries: 2
 Civilian Fatalities: 0

MUNICIPALITIES & FIRE DISTRICTS of YAVAPAI COUNTY

LEGEND

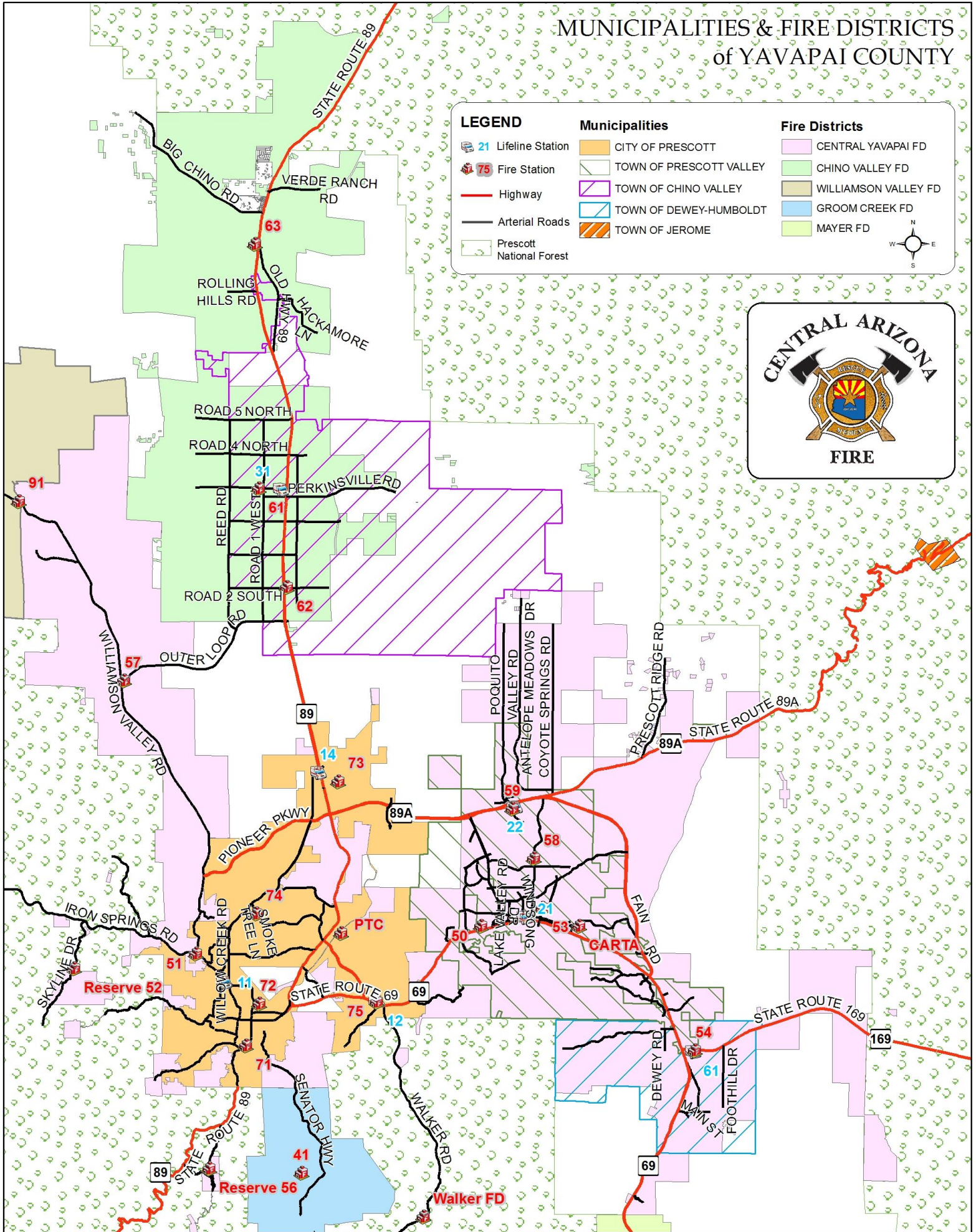
- 21 Lifeline Station
- 75 Fire Station
- Highway
- Arterial Roads
- Prescott National Forest

Municipalities

- CITY OF PRESCOTT
- TOWN OF PRESCOTT VALLEY
- TOWN OF CHINO VALLEY
- TOWN OF DEWEY-HUMBOLDT
- TOWN OF JEROME

Fire Districts

- CENTRAL YAVAPAI FD
- CHINO VALLEY FD
- WILLIAMSON VALLEY FD
- GROOM CREEK FD
- MAYER FD



0 0.75 1.5 3 Miles

Created 1/2017, Disclaimer: Map information is believed to be accurate but accuracy is not guaranteed.
No portion of the information should be considered to be, or used as, a legal document.
Users recognize more extensive research is necessary when attempting to make geographic definitions of this area.