

# Statistical Summary: 4th Quarter 2021



Visit [www.cazfire.org/about-us/statistics-maps/](http://www.cazfire.org/about-us/statistics-maps/) for more information regarding Central Arizona Fire Medical Authority.

Unit	Call Volume	Daily Avg.	Response Reliability*	Unit Hour Utilization^
E50	543	5.90	75.05%	30.22%
E51	571	6.21	68.09%	26.56%
E53	670	7.28	76.55%	30.68%
E540	130	2.71	N/A	58.20%
E54	538	5.85	84.46%	26.05%
E57	159	1.73	80.13%	17.58%
E58	598	6.50	76.18%	29.75%
E59	535	5.82	82.23%	29.07%
E61	409	4.45	75.38%	23.90%
E62	461	5.01	74.83%	31.35%
E63	206	2.24	85.29%	20.81%

\*Count of an engine being first on-scene to an incident in their first due area / Count of incidents in that engine's first due area.

^Total Hours Committed to Incidents, Training & Activities / Total Hours in the Quarter.

CALL VOLUME	Oct	Nov	Dec	4th Qtr
IN-DISTRICT INCIDENTS	1,328	1,363	1,444	<b>4,135</b>
ALL INCIDENT RESPONSES	1,448	1,479	1,582	<b>4,509</b>
UNIT WORKLOAD	1,551	1,570	1,713	<b>4,834</b>

Average Performance Times by Response Mode			
Response Mode	Turnout	Response	Resource
Emergency	01:01	07:09	45:03
Non-Emergency	01:05	08:35	33:22
Overall Average	01:03	07:49	39:36

Response Time Performance - 1st on Scene				
Emergency (Code 3) Responses that Meet the Defined Standard / All Emergency Responses in the Defined Area				
<i>The Goal is to be Above 90%</i>				
	SUBURBAN		RURAL	
STANDARD	09:30 mm:ss		14:00 mm:ss	
2021	%	CALLS	%	CALLS
Jan-March	92.22	823	92.08	707
April-June	92.25	942	92.07	731
July-Sept	93.02	1,089	92.17	830
Oct-Dec	91.92	1,164	93.66	947
<b>TOTAL</b>	<b>92.38</b>	<b>4,018</b>	<b>92.54</b>	<b>3,215</b>
Average Emergency Response	06:06 mm:ss		08:21 mm:ss	

STAFFING SUMMARY	
OPERATIONS	
<b>OPERATIONS/EMS/TRAINING</b>	
Battalion Chief	8
Captain	32
Engineer	30
Firefighter	52
<b>Total</b>	<b>122</b>
ADMINISTRATION	
Chief Officers	4
Finance	5
Human Resources	3
Administration	6
<b>Total</b>	<b>18</b>
PLANNING & LOGISTICS	
IT/Communications	5
Facilities	2
Fleet	5
Warehouse	3
Prevention	5
<b>Total</b>	<b>20</b>

FOURTH QUARTER 2021: Call Volume by Hour vs. Weekday								
HOUR	SUN	MON	TUES	WED	THURS	FRI	SAT	TOTAL
0	13	12	14	9	11	17	8	84
1	13	7	11	12	10	15	15	83
2	13	7	11	12	8	11	17	79
3	11	9	11	14	7	7	14	73
4	8	11	16	9	13	11	12	80
5	15	12	16	17	13	8	14	95
6	15	25	17	24	19	20	14	134
7	17	23	17	31	35	29	16	168
8	20	23	26	39	28	34	31	201
9	35	49	37	47	45	44	29	286
10	53	38	36	39	37	43	44	290
11	31	40	37	49	35	42	42	276
12	20	40	27	37	45	33	35	237
13	45	53	47	32	30	45	42	294
14	23	41	34	46	37	30	36	247
15	32	36	38	48	38	41	41	274
16	33	47	39	44	43	37	38	281
17	41	51	36	37	37	37	31	270
18	28	31	41	41	47	39	38	265
19	31	28	29	25	30	28	25	196
20	31	30	25	26	25	21	24	182
21	17	28	19	24	26	34	22	170
22	10	19	19	20	23	17	31	139
23	12	18	14	17	11	15	18	105
<b>Total</b>	<b>567</b>	<b>678</b>	<b>617</b>	<b>699</b>	<b>653</b>	<b>658</b>	<b>637</b>	
Average: 26.839      Std.Deviation: 12.508      Minimum: 7      Maximum: 53								