



WYLIE FIRE RESCUE



City Council Update June 2022

Our Mission

To dedicate ourselves to providing a progressive department of professionally trained and equipped personnel in order to protect the lives, property, and environment of our community.



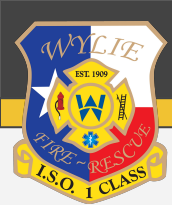
Tonight's Topics

- Recap 2021
- 2021 Wylie Fire Rescue Annual Report Review
- What's ahead for Wylie Fire Rescue



Recap 2021

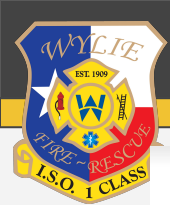
- Covid Vaccinations
- Fire Station 4 Groundbreaking & Construction
- Managed Winter Storm Uri through a coordinated response
- Ordered a new Quint for Fire Station #4
- Promoted 3 new Captains for Fire Station 4 - Hosted internal Captain Academy
- Public Safety Building Grand Opening Ceremony
- 20 Year anniversary of 911
- Completed Emergency Operations Center Training for all Directors
- Installed 2 new Outdoor Warning Sirens



2021 Annual Report

- Handed out this evening
- Will be emailed to staff, council, and placed on our website after tonight's meeting
- Highlights from annual report





2021 RESPONSE SUMMARY

7,336 Calls for Service

FD Dist #1 = 1329 / 23%
FD Dist #2 = 1564 / 27%
FD Dist #3 = 1268 / 21%
FD Dist #4 = 1105 / 19%
FD Dist #5 = 461 / 8%
Mutual Aid = 93 / 2%

**23.2% Increase
in Call Volume**

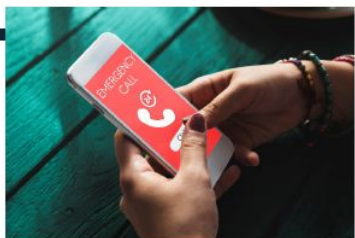
**Average Response Time
5 min : 06 sec**

Fires	1.90%
Overpressure rupture, explosion, overhear	0.10%
Rescue & Emergency Medical Service	65.10%
Hazardous Condition (No Fire)	2.70%
Service Call	12.60%
Good Intent Call	7.60%
False Alarm & False Call	9.80%
Severe Weather & Natural Disaster	0.10%
Special Incident Type	0.10%

\$1,076,299 Property Lost to Fire in 2021
\$54,429,651 Property Saved from Fires in 2021

CALLS BY YEAR

2019 - 6015
2020 - 5953
2021 - 7336 **23% increase**



CALLS BY MONTH



Response Times

The Average Response to an Emergency in 2021 was 5 minutes 06 seconds

Average Turnout Time

1:17

Average Response Time

5:06

Response Time Goal:

Alarm Answer = 15 seconds
Alarm Processing = 64 seconds
Turnout Time = 80 seconds
First Unit Travel = 240 seconds

Goal 6:30 seconds 90% of the time

Priority 1 Response Times	2021	2020	
Response Time P1 - District 1	4:34	4:24	↑
Response Time P1 - District 2	4:12	4:36	↓
Response Time P1 - District 3	4:15	4:37	↓
Response Time P1 - District 4	5:57	6:00	↓
Response Time P1 - District 5	6:33	6:33	↔

District Call Volume Summary

Fire District	2020	2021	Increase	% of Call Volume
District 1	1149	1329	15.7%	21.50%
District 2	1381	1564	13.3%	25.30%
District 3	988	1268	28.3%	20.50%
District 4	838	1105	31.9%	17.90%
District 5	358	461	28.8%	7.40%

District 4 is currently covered by Fire Station #2

District 5 is currently covered by Fire Station #1

Unit Summary

STAFFED UNIT RESPONSES	2021	2020
Quint 141	1762	1534
Quint 142	1497	1303
Quint 143	1568	1313
Paramedic Squad 142	1448	1085
Battalion Chief 140	743	962
Ambulance 990 - Paramedics Plus	2424	2123
Ambulance 991 - Paramedics Plus	2364	2021

12,744
 Total Unit Responses to Handle
 7,336 Calls for Service

Un-Staffed Unit Responses	2021
Brush 141	106
Utility 143 (Air / Light)	29
Rescue 143	114
Marine 143	29
WFR Ambulance Medic 141	499
WFR Ambulance Medic 142	161

Fire Loss - “Effectiveness”

INCIDENT #	PRE-INCIDENT VALUE	TOTAL LOSSES	TOTAL SAVED	% Saved
TOTAL 2021	\$54,429,651.00	\$1,076,299.00	\$53,353,352.00	98.0%

TOP 10 FIRE LOSSES IN WYLIE - 2021

INCIDENT #	PRE-INCIDENT VALUE	TOTAL LOSSES	TOTAL SAVED	% Saved
2021-001256	\$400,000.00	\$400,000.00	\$0.00	0.0%
2021-000293	\$266,630.00	\$265,999.00	\$631.00	0.2%
2021-001282	\$505,000.00	\$70,000.00	\$435,000.00	86.1%
2021-005462	\$325,000.00	\$60,000.00	\$265,000.00	81.5%
2021-003855	\$25,000,000.00	\$50,000.00	\$24,950,000.00	99.8%
2021-005584	\$344,630.00	\$45,000.00	\$299,630.00	86.9%
2021-003298	\$415,000.00	\$30,000.00	\$385,000.00	92.8%
2021-000515	\$274,500.00	\$25,000.00	\$249,500.00	90.9%
2021-005206	\$15,600.00	\$15,600.00	\$0.00	0.0%
2021-005868	\$15,000.00	\$15,000.00	\$0.00	0.0%



MUTUAL AID GIVEN (UNIT RESPONSES)	
Total Mutual Aid Given	434
Mutual Aid Given - Murphy FD	138
Mutual Aid Given - Sachse FD	100
Mutual Aid Given - AMR Ambulance	60
Mutual Aid Given - Rockwall FD	58
Mutual Aid Given - Lucas FR	36
Mutual Aid Given - Nevada FD	11
Mutual Aid Given - Lavon FD	10
Mutual Aid Given - Parker FD	10
Mutual Aid Given - Other	13

Mutual aid is an agreement between fire departments to help each other across jurisdictional boundaries

MUTUAL AID RECEIVED (UNIT RESPONSES)	
Total Mutual Aid Received	184
Mutual Aid Received - Murphy	88
Mutual Aid Received - Lavon	0
Mutual Aid Received - Parker	17
Mutual Aid Received - Lucas	57
Mutual Aid Received - Sachse	8
Mutual Aid Received - Other	14

Only includes calls where the responding unit arrived at the scene.



Fire Prevention Division

Fire Safety Inspections 2021

Annual Inspections	893
Annual Re-Inspections	137
Alarm System Inspections	143
Fire Life and Safety Inspections	196
Fire Life and Safety Re-Inspections	49
Fire Sprinkler Inspections (Overhead)	361
Fireworks Complaint	83
Foster Care Inspections	20
Knox Box Inspections	88
Propane Tank Inspections	2
Solar Panel Inspections	175
Temporary Use Permit Inspections	16
Underground Sprinkler Inspections	30
Other	80

Total 2,578

PLAN REVIEWS

Building Inspections	57
Fire Alarm	25
Fire Sprinkler	28
Fire Sprinkler /Underground	5
Flammable & Combustible Tank	1
Liquefied Petroleum Storage	1
Hydrant Flow Permits	25
Opticom/ Access Control Gate	1
Planning & Zoning	51
Solar Panel	244
Vent-a-hood	4

Total 442

FIRE INVESTIGATIONS

• Structure Fires	30
• Vehicle Fires	6
• Grass Fires	2
• Unauthorized Burns	3
• Trash Fire	1
• Explosion	1

**Communications is a division
of the Fire Department**

**36,432 Calls for Service
Processed in 2021**

- Answered 107,567 phone calls.
- Provided Emergency Medical Dispatch instructions on 1764 calls for service
- Processed 5,198 Alarms

COMMUNICATIONS ACTIVITY	
911 Calls Answered	18,359
911 to Text	168
Average 911 Calls Per Day	51

14.5% Increase in 911 Calls

**99.42% Answered in Under 10
Seconds**

Personnel completed a combined total of 773 TCOLE training hours.



Fleet Status

Flt#	Description	Work/Load	2022 Rating	Details
116	2007 Quint RR	Heavy	41.16	Reserve Status - Replacement Quint on Order - To Auction
108	2006 Quint R	Heavy	38.18	Reserve Status - Replacement Quint on Order - To Auction
301	2013 Quint 1	Heavy	32.87	In-Service - Replacement Quint on Order - Will move to Reserve
302	2013 Quint 3	Heavy	29.30	In-Service - Replacement Quint on Order - Will move to Reserve
393	2004 Command	Heavy	24.33	In-Service
424	2019 Quint 2	Heavy	13.97	In-Service
454	2022 Quint 4	Heavy	Not evaluated	In-Service
262	2008 Ambulance 2	Medium	33.11	Replacement on Order - Will move to Reserve
112	2005 Air/Light 3	Medium	29.32	Replacement on Order - Will move to Auction
376	2016 Ambulance 1	Medium	17.72	In-Service
377	2016 Chev Squad 2	Medium	17.16	In-Service
432	2020 Chev Chief BC	Medium	10.13	In-Service
380	2017 Rescue 3	Medium	7.78	In-Service
397	2018 Brush 1	Medium	6.97	In-Service
284	2013 Chev P/U 2	Light	39.89	Recently Removed from front line Service - Support Vehicle
276	2012 Chev P/U 3	Light	37.50	Recently Removed from front line Service - Support Vehicle
277	2012 Chev P/U 1	Light	37.09	Replacement Pickup on Order - Will move to Auction
346	2015 Suburban Disp	Light	31.35	Recently Removed from front line Service - Support Status - Dispatch
285	2013 Chev P/U Chf	Light	27.41	Replacement on Order - Will move to Support Status
355	2016 Chev P/U Prv	Light	23.78	In-Service
417	2013 Chev P/U Prv	Light	15.57	In-Service
413	2018 Chev Utility Sup	Light	11.73	In-Service
451	2021 Chev Tahoe Chf	Light	3.25	In-Service
450	2021 Chev Tahoe Chf	Light	2.70	In-Service

Excellent Condition (1-20)

Good Condition (21-30)

Ready for Replacement (31-40)

Needs Immediate Replacement (41 and above)

Apparatus On Order

467	2022 Chev P/U	Light	Not evaluated	Brand New - In Service May 2022
455	2022 Ambulance	Medium	On Order	New Medic 142 - On order
457	2022 Ford P/U	Light	On Order	Division Chief Vehicle - On order
458	2023 Air/Light Truck	Heavy	On Order	New Utility 143 - On order
459	2023 Quint	Heavy	On Order	New Quint 141 - On order
460	2023 Quint	Heavy	On Order	New Quint 143 - On order

Financial Review

FY 2020-2021 Revenue Summary	
Budget 20-21	\$9,580,702.00
Average Cost Per Call	\$1,305.98
Personnel Cost	\$8,046,184.27
Supplies Cost	\$588,914.48
Maintenance Cost	\$398,629.95
Contractual Cost	\$352,180.53
Capital Costs	\$194,792.75
*Overtime Costs	\$708,819.55
* COVID-19 illness and Winter Storm Uri created a significant amount of overtime in FY20-21	

FY 2020-2021 Revenue Summary	
Fire Services Provided Contractural	\$862,083.97
Dispatch Services Provided Contractural	\$222,958.35
Fire Inspection Fees / Services	\$3,675.00
Fire Service Plan Reviews	\$4,393.34
Fire Development Revenue	\$255,678.33
First Responder Fees (Training Field)	\$44,900.73
Alarm Permits	\$289,191.66
Total Revenue 2021	\$1,682,881.38





Fire Station 4 is Open

- Construction Started March 2021
- Completion 5-11-22
- Q144 delivered
- Staffing is almost complete
 - 6 new personnel in FY 23
- Station is Under Budget
- Station was on time



Current WFR Projects

- Insurance Services Office (ISO) Re-evaluation
 - Will begin in late 2022
 - WFR staff has already met with our evaluator to discuss upcoming evaluation
 - Class 1 departments are moving to a 5 year evaluation period
- Quint Replacements
 - 2013 Quint Replacements - On Order
- Air/Light Truck Replacement
 - 2005 Air Truck (Utility) Replacement - On Order
- Ambulance Contract Update
 - 2022 Renewal - January 2021
 - Additional Medic Unit in April 2022



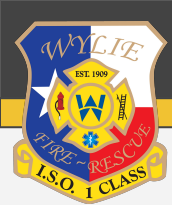
Station 4 Impact

Station 4 - InService May 15th, 2022



In 1 month, Quint 144 Responded to 82 Calls for Service in District 4
33 of those calls were Priority 1 Emergency Calls in District 4
District 4 Average Priority 1 Response Time in 2021 = 00:05:51
District 4 Average Response Time in 2022 (1 Month) = 00:05:03

More importantly - City Wide, we are currently averaging a full 1-minute reduction in average response time. 04:44 is the current Priority 1 response time.



Questions?

