



INFORMATIONAL MEMORANDUM

TO: Community Services and Safety Committee

FROM: Jay C Wittwer, Fire Chief

BY: Jay C Wittwer, Fire Chief

CC: Mayor Ekberg

DATE: October 11, 2021

SUBJECT: Fire Department 2021 3rd Quarter Report

ISSUE

Standard Quarterly report for the Fire Department

BACKGROUND

Information is provided to the City Council from the Fire Department Administration regarding data, activities, and response levels for each of the divisions within the Fire Department.

FINANCIAL IMPACT

There are no financial impacts deriving from this report. Relevant budgetary information is shared throughout the report.

RECOMMENDATION

Information Only.

The Council is being asked to digest the information that is shared within this report. Feedback is solicited so that information formatting may be improved with future reports.

ATTACHMENTS

Fire Department 2021 3rd Qrt Powerpoint



Tukwila Fire Department

3rd Quarter Report

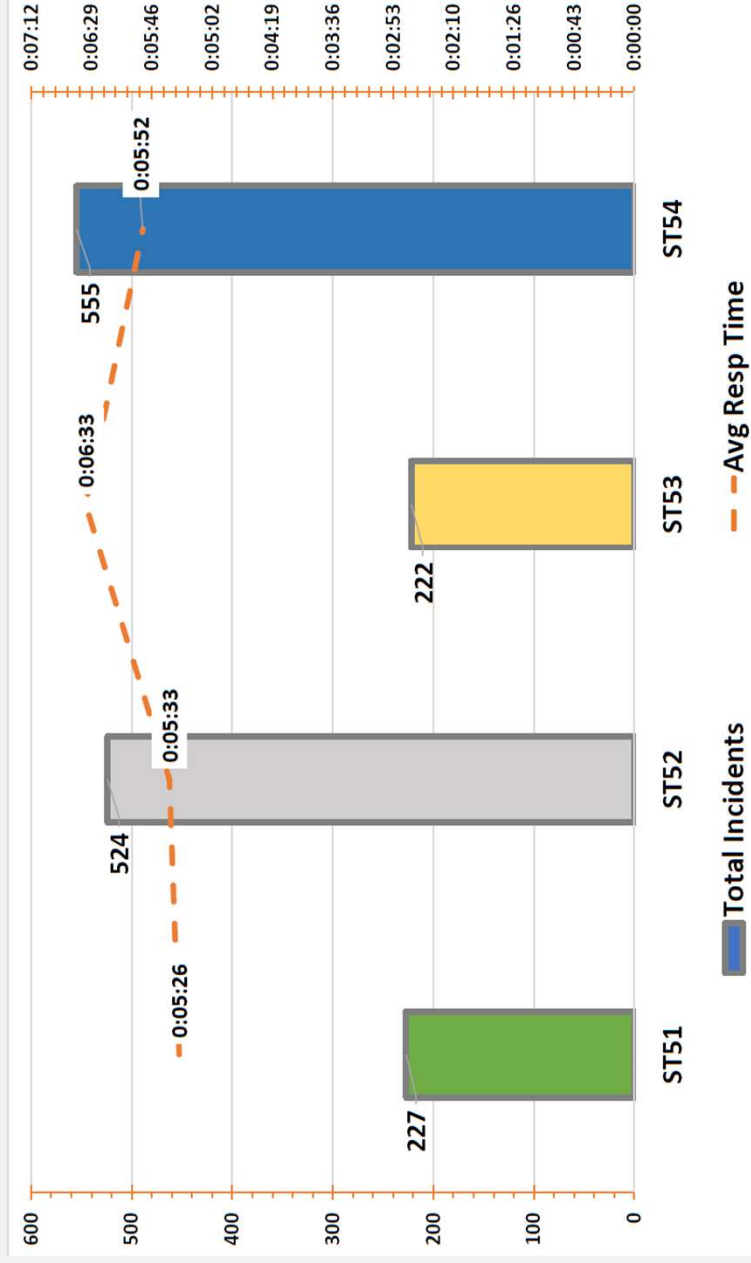
2021

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- Response Type
- Apparatus' Call Volume
- Response Times by Station for Emergency Medical Services (EMS) and Fire
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- Operations
- Overtime Usage – Minimum Staffing, Fire Marshal Office (FMO), Meetings, Training
- Goals for the year
- Adjusted COVID Goals and Expectations into 2022
- Employee Recognition

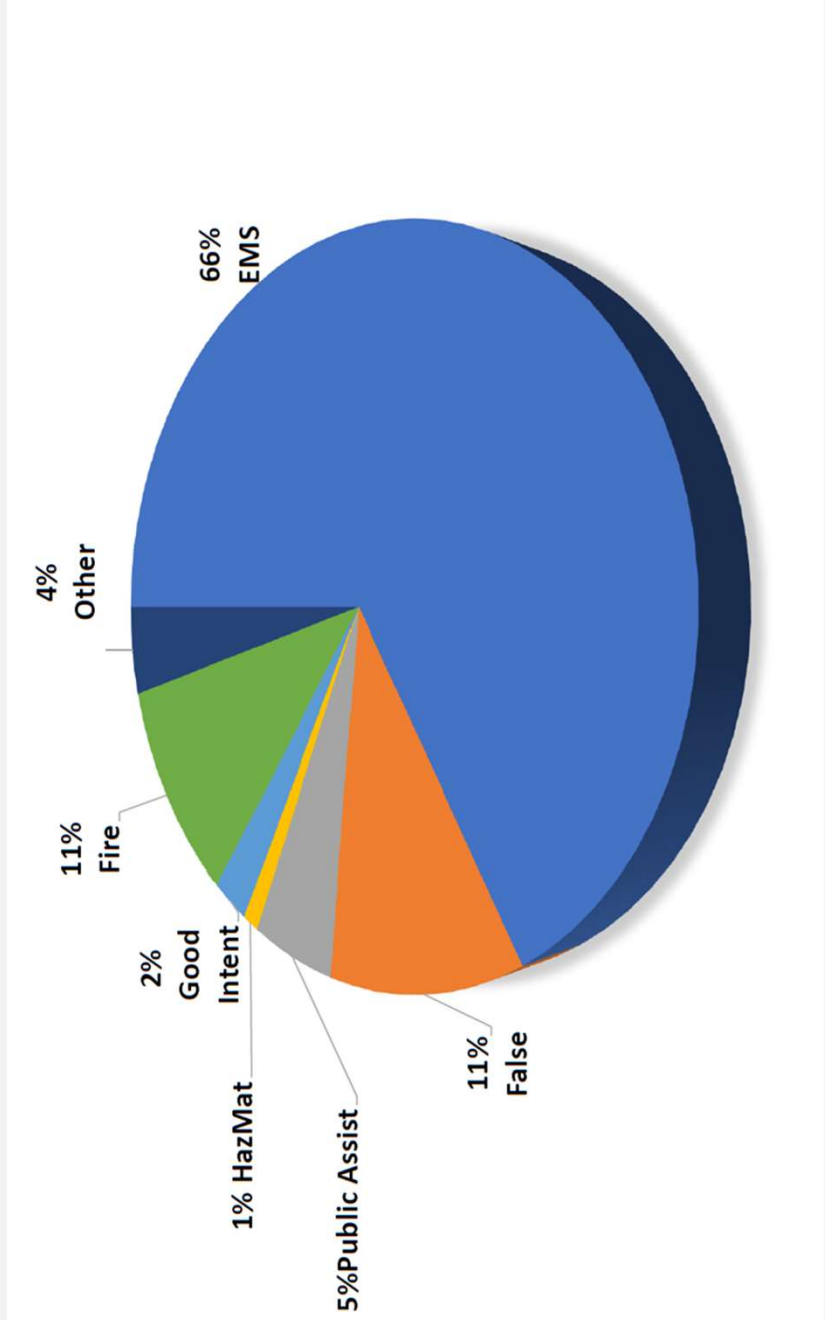


3rd Quarter 2021: Call Volume & Average Response Times



YEAR	Station	#	Avg Resp Tm
2021 3rd QTR	51	227	0:05:26
	52	524	0:05:33
	53	222	0:06:33
	54	555	0:05:52
Total Inc & Avg Resp Tm*		1528	0:05:51

Response Type

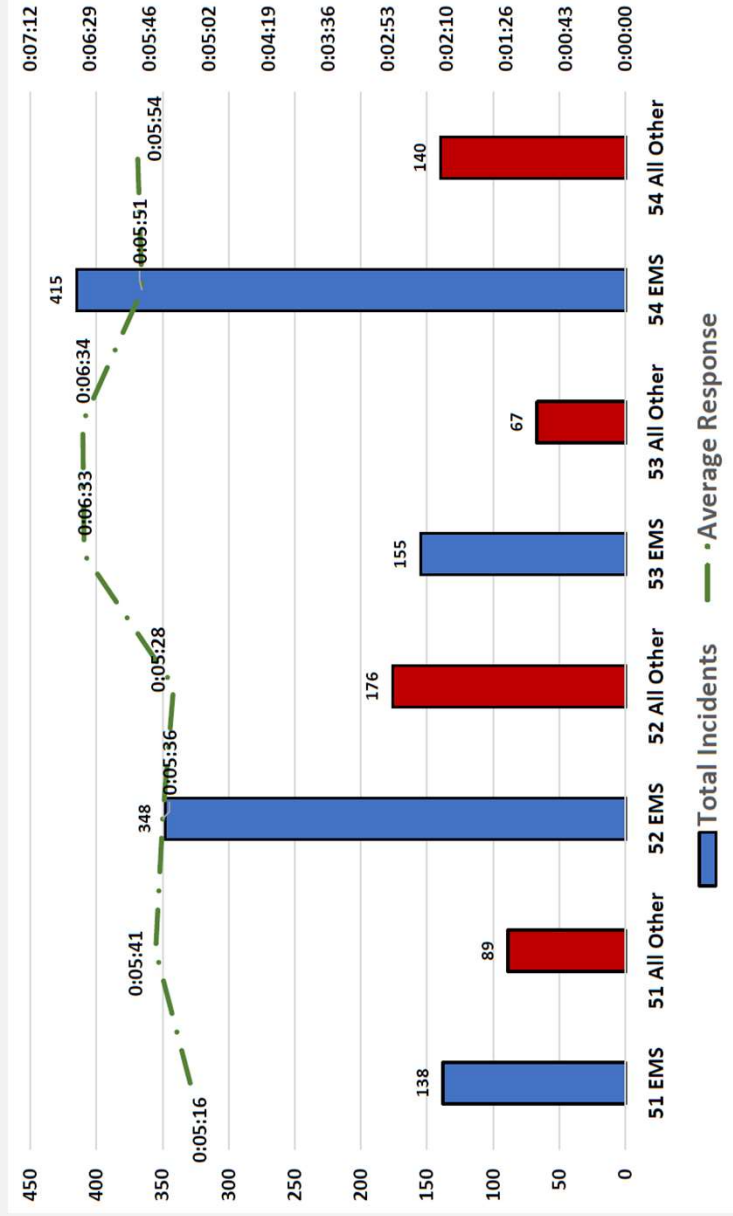


3rd Quarter 2021

Call Types	Number of Responses*
FALSE	164
EMS	1008
Pub Asst	75
HazMat	15
Good Int	34
Fire	165
Other	67
Grand Total	1528

(* In and Out of Service Area)

3rd Qtr 2021: Response Times by Station & Call Volume EMS & All Other



Station & Type	Total Incidents	Average Response
51 EMS	138	0:05:16
51 All Other	89	0:05:41
52 EMS	348	0:05:36
52 All Other	176	0:05:25
53 EMS	155	0:06:33
53 All Other	67	0:06:34
54 EMS	415	0:05:51
54 All Other	140	0:05:54

COVID₁₉ Highlights



Total TFD Call Volume YTD for 2021 represented an increase of 17% compared to the average first three quarters of 2016-2019.

While total call volume for the first three quarters of 2021 has increased 17% over the '16-'19 average, it's important to note that fire-related incidents have gone up 47%. This includes all fire-related calls, including false alarms. Automatic aid has increased this year as well.

Also worth noting: TFD responded to 52% more calls outside City limits YTD this year compared to the average.

% Change in Quarterly Call Volume (compared to '16-'19 average)

Change in Total Call Volume (%)

Area	Q1	Q2	Q3	Q4	YTD
51	-38%	-36%	-32%	-	-35%
52	42%	123%	147%	-	104%
53	-5%	3%	7%	-	2%
54	-2%	11%	18%	-	9%
OSA	10%	88%	58%	-	52%
All	-2%	23%	30%	-	17%

Change in EMS Call Volume (%)

Area	Q1	Q2	Q3	Q4	YTD
51	-40%	-43%	-40%	-	-41%
52	30%	87%	113%	-	76%
53	-1%	6%	11%	-	5%
54	-7%	-1%	9%	-	0%
OSA	1%	94%	79%	-	59%
All	-7%	13%	23%	-	9%

Change in Fire Call Volume (%)

Area	Q1	Q2	Q3	Q4	YTD
51	-32%	-17%	-11%	-	-19%
52	112%	300%	316%	-	246%
53	-12%	15%	2%	-	3%
54	32%	94%	62%	-	65%
OSA	29%	77%	23%	-	40%
All	18%	66%	52%	-	47%

Change in Service Call Volume (%)

Area	Q1	Q2	Q3	Q4	YTD
51	-40%	-30%	-17%	-	-30%
52	39%	156%	104%	-	97%
53	-29%	-48%	-5%	-	-28%
54	23%	-16%	63%	-	25%
OSA	-6%	100%	94%	-	53%
All	-11%	9%	36%	-	9%

COVID₁₉ Highlights



Total TFD Call Volume for YTD 2021 represented an increase of 743 calls compared to the average first three quarters of 2016-2019.

While all primary call types have gone up, the most noticeable increase has been in the number of Fire-related calls (+406) as well as the number of Out of Service Area (OSA) calls (+291).

Change in Quarterly Call Volume (compared to '16-'19 average)

Change in Total Call Volume (#)

Area	Q1	Q2	Q3	Q4	YTD
51	-124	-128	-110	-	-362
52	91	249	327	-	668
53	-10	8	17	-	15
54	-11	54	89	-	132
OSA	18	150	124	-	291
All	-36	332	447	-	743

Change in EMS Call Volume (#)

Area	Q1	Q2	Q3	Q4	YTD
51	-93	-107	-96	-	-295
52	51	139	194	-	384
53	-1	10	16	-	25
54	-32	-4	35	-	-1
OSA	1	102	97	-	200
All	-74	140	247	-	313

Change in Fire Call Volume (#)

Area	Q1	Q2	Q3	Q4	YTD
51	-22	-14	-10	-	-46
52	37	96	119	-	252
53	-4	8	1	-	5
54	17	59	47	-	122
OSA	15	41	18	-	74
All	42	189	176	-	406

Change in Service Call Volume (#)

Area	Q1	Q2	Q3	Q4	YTD
51	-10	-8	-4	-	-21
52	5	15	13	-	33
53	-8	-7	-1	-	-16
54	4	-2	8	-	10
OSA	-1	8	7	-	15
All	-10	7	24	-	20

Administration

Public Safety Bond Update:

- Apparatus:
- ~ 1 Pickup Truck delivered and placed in service (Battalion Chief)
 - ~ 1 Aid Unit ordered from manufacture (will replace Aid354)

Stations: ~ **Stn 51:** Final requests made for close out – Sept 10, 2021

~ **Stn 52:** Continued updates - opened Feb 12, 2021

~ **Design Team:** Scaled down. Captain Smith, Battalion Chief Konieczka, Rachel Bianchi and Fire Chief Wittwer still address warranty issues.

Policies:

- ~ On going review for updating of Fire Department Policies
- ~ Close collaboration with Bargaining Unions.

Strategic Plan:

- ~ Updating 2014 Edition; process underway for 2022-2026

Financial Sustainability Plan:

- ~ Working with Community Services and Safety Committee to develop work plan.
- ~ Fire Advisory Committee has been formed and establish in 3rd Qtr of 2021.



Administration



Staffing Software:

- Telestaff Integration w/new PA codes, working with Finance Department to ensure compliance with new software.
- Fire ESO Integration – Started on April 1, 2021, fully integration and successful, updates are on going

Regional Service:

- Valley Comm Finance Committee
- Training Consortium Governance Member
- King County Fire Chiefs’ Finance Oversight Committee
- King County Fire Chiefs’ Education Committee
- King County Fire Chiefs’ Equity and Inclusion Committee
- FDCARES/EMS work groups - on hold because of COVID-19
- Zone 3 Public Information Officer Program Member

Revenue Sources:

- EFR HazMat & Vehicle Incident Responses
- EMS Service Contracts - TriMed Ambulance
- False Alarm Billing

Support Services

Emergency Management: Working close with the new Emergency Manager for the City, After Action Report was reviewed for the Maple Crest Fire that took place on Aug 17, 2021.

COVID-19: The 2020 policies for COVID-19 continued into the 3rd Qtr of 2021. Many employees continued to work from home if possible, with only essential employees reporting to work. Those that did report to work sites use masks, took their temperature upon arrival and used social distance practices.

Social Media/PIO: Tukwila is one of 6 departments in Zone 3 (South King County) that take part in a PIO (Public Information Officer) response team. Tukwila's PIO shares in the 24-hour coverage for large emergencies when information is requested or needs to be shared with the public through social media or more traditional means.

New Fire Stations: The opening and continued adjustments for two new fire stations that opened between Sept 2020 and Feb 2021 has been one of the main duties of Support Services. Working close with the design team and the contractors to ensure that these fire stations are meeting the needs of the community and the employees is a primary mission for this division. Fire Station 51 had the final one-year warrantee list was completed and turned over to the contractor, continuing to address those concerns into the 4th Qrt for those repairs.

Training: Supervision of two training captains takes place and other training processes outside of the training consortium is also facilitated. Three new Firefighters were placed into the Fire Academy on Aug 30, 2021.



Fire Marshal's Office

Battalion Chief Ben Hayman leads this office with the following 3rd Qtr data points:



FIRE MARSHAL'S OFFICE 2021 Q3 SERVICE DELIVERY REPORT	
Service Category	Q3 STATS
Construction Permit Fire Plan Reviews Conducted	137
Land Use Fire Reviews Conducted	21
Construction Permit Fire Inspections Conducted	175
City Addressing Projects Completed	7 Completed (44 Remaining)
Fire Investigator Responses	13
Suspicious Fires	25-30 approx.
Fire Code Enforcement Issues	21 Resolved (158 Unresolved)
Public Records Requests Received (Includes FMO and Fire Dept Requests)	47
BRYCER Cost Recovery Fees	\$3,741.06
Fire Development Service Recovery Fees	\$48,403.10
Operational Fire Permit Inspections	0 PROVIDED All of the previously issued Operational Fire Permits have expired (approx. 600).
Occupancy Fire Safety Inspections	0 PROVIDED No Tukwila business had a Fire Safety Inspection (approx. 2600).

Operations



Covid-19 Response:

PPE –

New N95 face masks tested and placed in service.

Training –

Updates completed in Qtr 3.

Vaccinations –

(MVT) Mobile Vaccination Team suspended. No shots delivered in 3rd Qtr. Focus has been on staffing response crews each day.

Trainings Attended:

- Pump Academy
- JATC
- Driver Training
- Swift Water Training
- Squad Training

New Hires in Academy:

- Aug 30, 2021 - Two new Employees / graduation Jan 2022

Mentorship Program Staffing Adjustments

Overtime Usage – Minimum Staffing



YTD Overtime is up \$649,595 (+225%) 2021 compared to 2020. However, \$289,110 of this is attributable to Billable (wholly or partially reimbursed) activities such as Covid-19 and Southcenter Mall Radio Overtime.

YTD Overtime Comparison 2020 vs 2021 (First Three Quarters)					
Overtime Type	YTD 2020	YTD 2021	\$ Change	% Change	% '21 OT
Minimum Staffing	\$119,349	\$447,777	\$328,429	275%	48%
Billable	\$77,254	\$289,110	\$211,856	274%	31%
Training	\$23,361	\$60,960	\$37,598	161%	6%
Fire Prevention/Invest	\$17,916	\$53,875	\$35,959	201%	6%
Other	\$11,169	\$31,356	\$20,187	181%	3%
Incident Related	\$6,521	\$24,384	\$17,863	274%	3%
Special Assignment	\$4,601	\$11,865	\$7,264	158%	1%
Public Safety Bond	\$12,074	\$8,847	-\$3,227	-27%	1%
Meetings	\$13,140	\$7,419	-\$5,721	-44%	1%
Equipment Test/Maint	\$2,168	\$1,568	-\$600	-28%	0%
City/Public Event	\$1,480	\$1,468	-\$12	-1%	0%
Total YTD	\$289,034	\$938,629	\$649,595	225%	

Factors that affect staffing: Three long term injuries and one dropped out of the Fire Academy. Each shift should be at 18 Firefighter, current is 16.

Goals For The Year

1. Financial Sustainability process, working with the Community Services and Safety Committee, Fire Advisory Committee and entire City Council.
2. Updates and reports regarding progress of #1 and Departmental information.
3. Leadership discussions completed for all personnel. Chief Ludwig
4. Continued Training and required certifications for personnel, Blue Card Command, State mandated and approved disciplines.
5. Additional revenues.
6. To remain within the 2021 adopted budget



Chief Gary Ludwig

Adjusted Goals

1. Health of our responders – PPE, education, safety, vaccinations
2. Reduce training, except for mandatory or required
3. Scrub Fire Budget - Overtime, operations and supplies
4. Reduce Overtime
5. 12 vs 13 Minimum staffing / April 1 – back to 13 every shift.
6. Transfer of 1 from Fire Admin – position to DCD (Administration/Support)
7. Working with Local IAFF Local #2088
8. No Travel and reduced training



Expectations for closing out 2021

1. Minimum staffing of 13 each shift is realized with overtime, the reason points to two factors; 3-4 Firefighters on long term injury leave and 16 firefighters per shift (normal is 18 per shift)
2. Efforts to place new firefighters in Feb 2022 fire academy, bring each shift up to 18 personnel.
3. A Budget amendment will be required at the end of the year - \$500k to \$900k for overtime.

Employee Recognition

Captain Patrick Smith

Employee of the 3rd Quarter



Captain Smith



(Presented by Chief Jay C Wittwer)