COLUMBIA FIRE DEPARTMENT

QUARTERLY REPORT

Type of Report: ☐ Annual ☐ Q1 ☐ Q2 ☒ Q3 ☐ Q4

<u>2019</u>

How to read the data shown in this report

As an Internationally Accredited agency, the Columbia Fire Department uses data to assist in decision making as well as to ensure we are meeting or working toward the standard which is acceptable to the community.

All data is presented in the 90th percentile. This means the data shown is the fire departments performance 9 times out of 10. Utilizing the 90th percentile presents the data in a more realistic manner. Using the average only represents the performance 5 times out of 10 (50%).

Below are the quarterly statistical reports by response category. The fire department has broken down types of incidents into these four major categories.

Fire - encompasses all calls which include a fire; vehicle fires, structure fires, dumpster fires, and vegetation fires…

EMS - encompasses all calls which are medical in nature including vehicle accidents.

Hazmat - encompasses all calls which involve hazardous materials or hazardous conditions; spills, gas leaks inside, carbon monoxide emergencies…
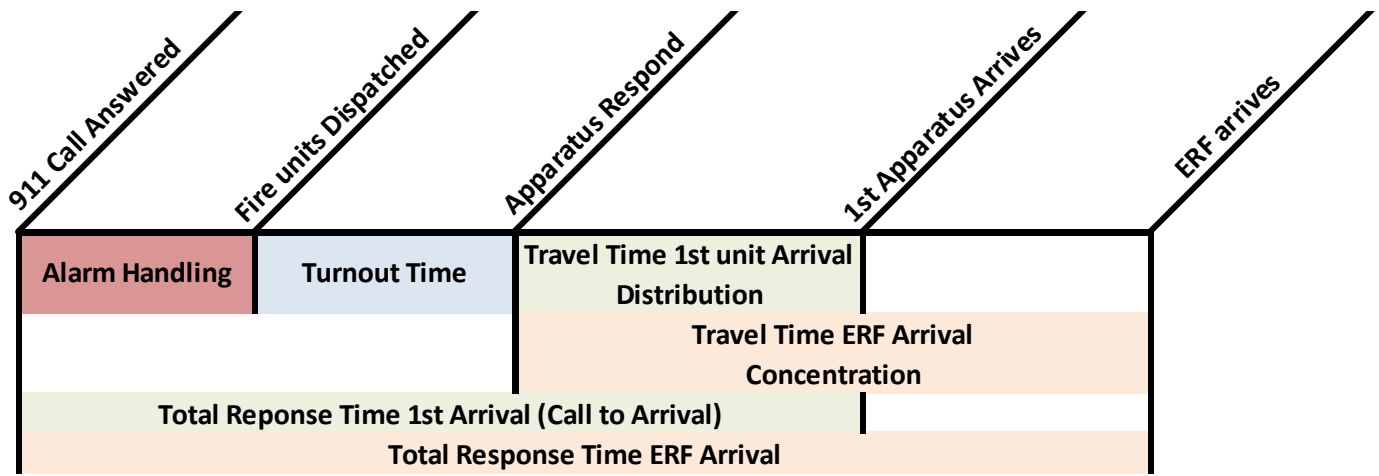
Tech Rescue - encompasses all calls which include any type of rescue; vehicle extrication, trench rescue, high angle rescue, water rescue…

	Fire
Department-Wide	
90% Baseline Performance	Q1
Alarm Handling	03:30 (53)

When reading the charts the numbers signify for example:

"03:30" is the time in minutes and seconds to the 90th percentile. The number in the parentheses "(53)" indicates the number of incidents which were analyzed to get that time. The benchmark column indicates the goal which the fire department set for each time component.

Below is a breakdown on what the time components are and when the clock starts and stops.

911 Call Answered — **Fire units Dispatched** — **Apparatus Respond** — **1st Apparatus Arrives** — **ERF arrives**

Alarm Handling	Turnout Time	Travel Time 1st unit Arrival Distribution	
		Travel Time ERF Arrival Concentration	
Total Reponse Time 1st Arrival (Call to Arrival)			
Total Response Time ERF Arrival			

Fire					
Department-Wide	**2019**				
90% Baseline Performance	Q1	Q2	Q3	Q4	Benchmark
Alarm Handling	03:30 (53)	02:42 (47)	03:03 (44)		2:00
Turnout	02:30 (50)	02:42 (44)	02:31 (45)		2:00
Travel	06:08 (56)	05:32 (48)	05:11 (46)		4:00
Call to Arrival-Distribution	09:38 (55)	09:45 (48)	08:25 (46)		8:00

EMS					
Department-Wide	**2019**				
90% Baseline Performance	Q1	Q2	Q3	Q4	Benchmark
Alarm Handling	02:29 (1,675)	02:21 (1,495)	02:19 (1,359)		2:00
Turnout	02:43 (1,491)	02:35 (1,342)	02:31 (1,213)		2:00
Travel	05:57 (1,677)	05:37 (1,491)	05:34 (1,362)		4:00
Call to Arrival-Distribution	08:45 (1,695)	08:07 (1,501)	07:49 (1,374)		8:00

Hazmat					
Department-Wide	**2019**				
90% Baseline Performance	Q1	Q2	Q3	Q4	Benchmark
Alarm Handling	03:51 (14)	02:44 (31)	03:06 (22)		2:00
Turnout	03:01 (13)	02:47 (30)	02:44 (23)		2:00
Travel	06:29 (15)	07:43 (31)	06:59 (23)		4:00
Call to Arrival-Distribution	10:47 (15)	11:16 (31)	09:27 (23)		8:00

Tech Rescue					
Department-Wide	**2019**				
90% Baseline Performance	Q1	Q2	Q3	Q4	Benchmark
Alarm Handling	01:47 (6)	00:56 (1)	03:18 (6)		2:00
Turnout	01:54 (6)	01:12 (2)	01:59 (5)		2:00
Travel	05:26 (5)	04:43 (2)	04:43 (7)		4:00
Call to Arrival-Distribution	08:19 (6)	09:41 (2)	07:40 (7)		8:00

Year over year incident comparison:

The chart below shows, the total number of responses by the department for three quarters in the past four years.

Incident comparison Q3 YTD

Year	Value
2019	9599
2018	9424
2017	8819
2016	9101