



# COLUMBIA FIRE DEPARTMENT



## QUARTERLY REPORT

Type of Report:    Annual    Q1    Q2    Q3    Q4  
2020

### 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 90<sup>th</sup> percentile. This means the data shown is the fire departments performance 9 times out of 10. Utilizing the 90<sup>th</sup> 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...

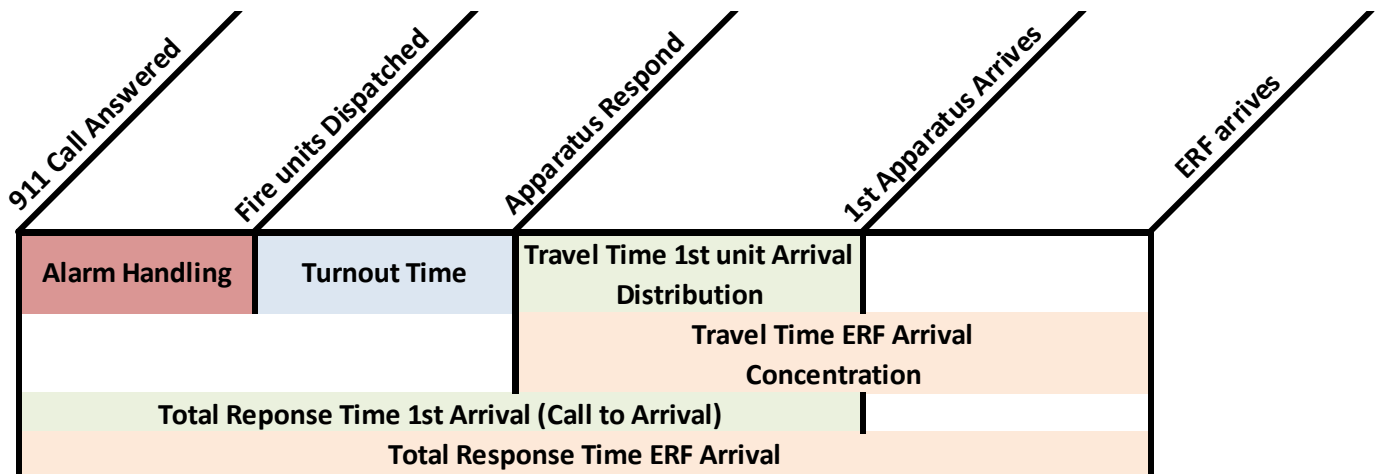
**Tech Rescue** - encompasses all calls which include any type of rescue; vehicle extrication, trench rescue, high angle rescue, water rescue...

When reading the charts the numbers signify for example:

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

“03:30” is the time in minutes and seconds to the 90<sup>th</sup> 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.



Fire						
Department-Wide	2020					
90% Baseline Performance	Q1	Q2	Q3	Q4	2020 All	Benchmark
Alarm Handling	02:35 (71)	03:44 (81)	03:17 (83)	03:36 (77)	03:21 (312)	2:00
Turnout	02:51 (68)	02:25 (74)	02:37 (76)	02:31 (67)	02:35 (285)	2:00
Travel	05:48 (72)	04:53 (79)	06:22 (88)	04:22 (81)	05:27 (320)	4:00
Call to Arrival-Distribution	09:24 (73)	08:45 (82)	10:40 (89)	09:38 (82)	09:38 (326)	8:00

EMS						
Department-Wide	2020					
90% Baseline Performance	Q1	Q2	Q3	Q4	2020 All	Benchmark
Alarm Handling	02:16 (1,818)	02:17 (1,656)	02:24 (1,812)	02:12 (1,773)	02:18 (7,059)	2:00
Turnout	02:41 (1,651)	02:35 (1,489)	02:35 (1,621)	02:37 (1,585)	02:37 (6,346)	2:00
Travel	05:28 (1,826)	05:47 (1,652)	06:01 (1,821)	05:54 (1,777)	05:49 (7,076)	4:00
Call to Arrival-Distribution	08:03 (1,841)	08:15 (1,668)	08:27 (1,830)	08:21 (1,796)	08:17 (7,135)	8:00

Hazmat						
Department-Wide	2020					
90% Baseline Performance	Q1	Q2	Q3	Q4	2020 All	Benchmark
Alarm Handling	02:53 (8)	04:19 (20)	04:00 (31)	02:50 (16)	04:01 (75)	2:00
Turnout	02:16 (8)	02:32 (18)	02:16 (26)	02:58 (14)	02:32 (66)	2:00
Travel	03:49 (8)	06:58 (21)	05:59 (30)	09:45 (17)	06:36 (76)	4:00
Call to Arrival-Distribution	08:00 (8)	10:39 (21)	10:49 (31)	11:33 (17)	10:53 (77)	8:00

Tech Rescue						
Department-Wide	2020					
90% Baseline Performance	Q1	Q2	Q3	Q4	2020 All	Benchmark
Alarm Handling	03:13 (4)	02:05 (3)	04:18 (8)	02:55 (5)	04:03 (20)	2:00
Turnout	02:30 (4)	02:19 (3)	01:35 (8)	01:54 (4)	02:12 (19)	2:00
Travel	03:26 (4)	03:45 (3)	03:35 (8)	05:37 (5)	03:45 (20)	4:00
Call to Arrival-Distribution	09:09 (4)	07:10 (3)	08:30 (8)	08:14 (5)	08:30 (20)	8:00

**Year over year incident comparison:**

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

