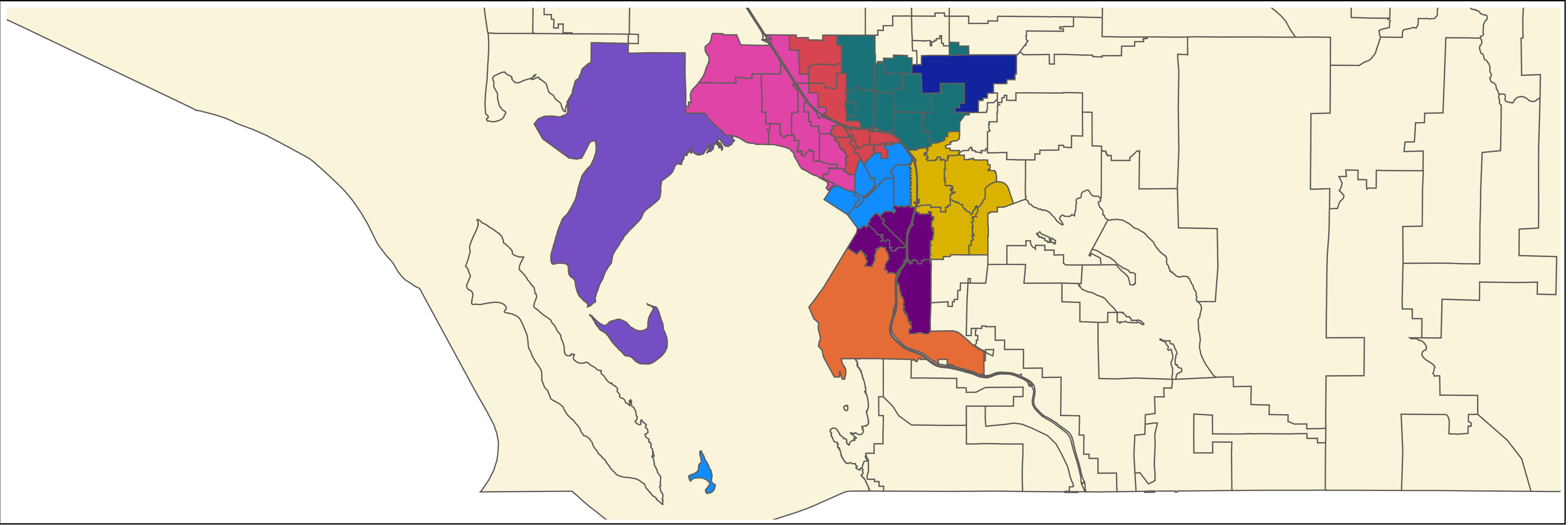




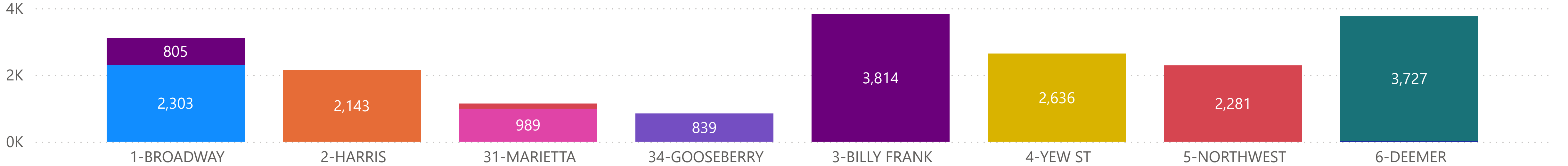
# Bellingham Fire Department Annual Report 2024

# First Due Coverage Area

The Bellingham Fire Department primary coverage area for engine companies includes Bellingham city limits, Marietta, and the Lummi Reservation. Paramedic units respond throughout Whatcom County providing advanced life support.



Calls by First Due Area




# Call Volume in 2024



Total Calls and Year Over Year Change Compared To Previous Years

2024Total Calls

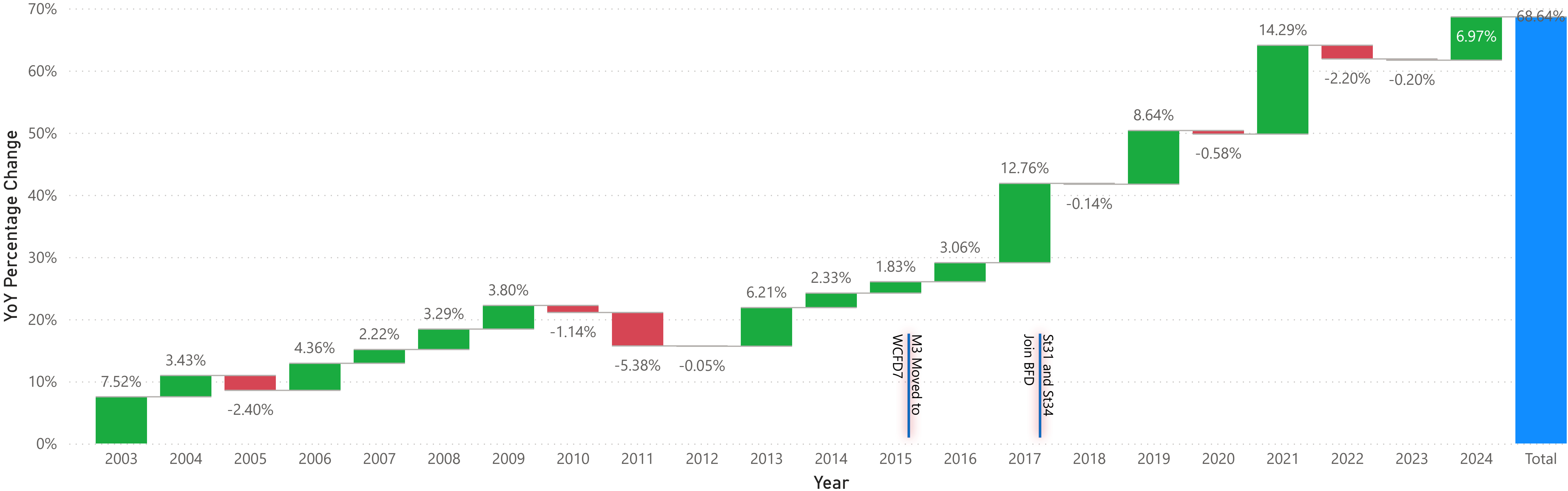
24,566

 6.97%

Percentage Change in Calls from Last Year

## YoY Call Volume Change

● Increase ● Decrease ● Total

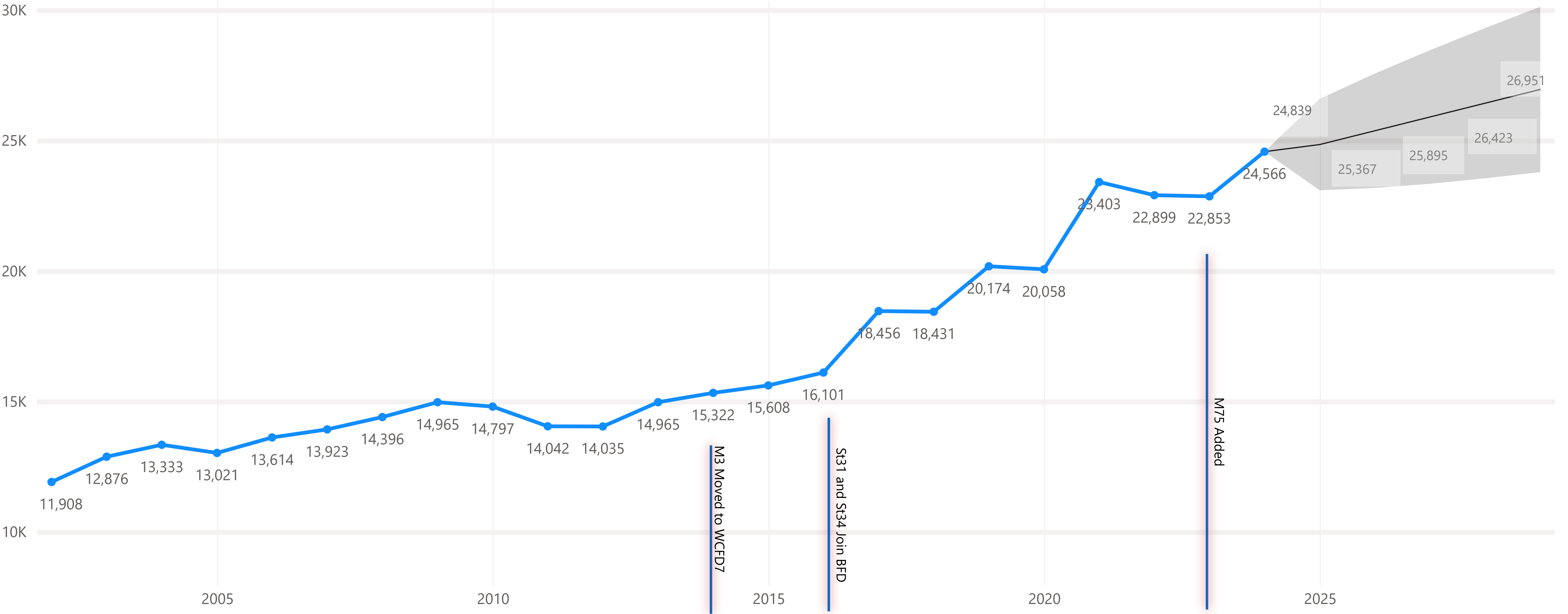


# Call Volume in 2024



Call Volume by year with a 5 year projection. The graph below represents the dispatches of all types from 2002 to through 2024. It includes a forecast for call volume with a 95% confidence interval.

Call Volume by Year with Projection



# Call Volume in 2024

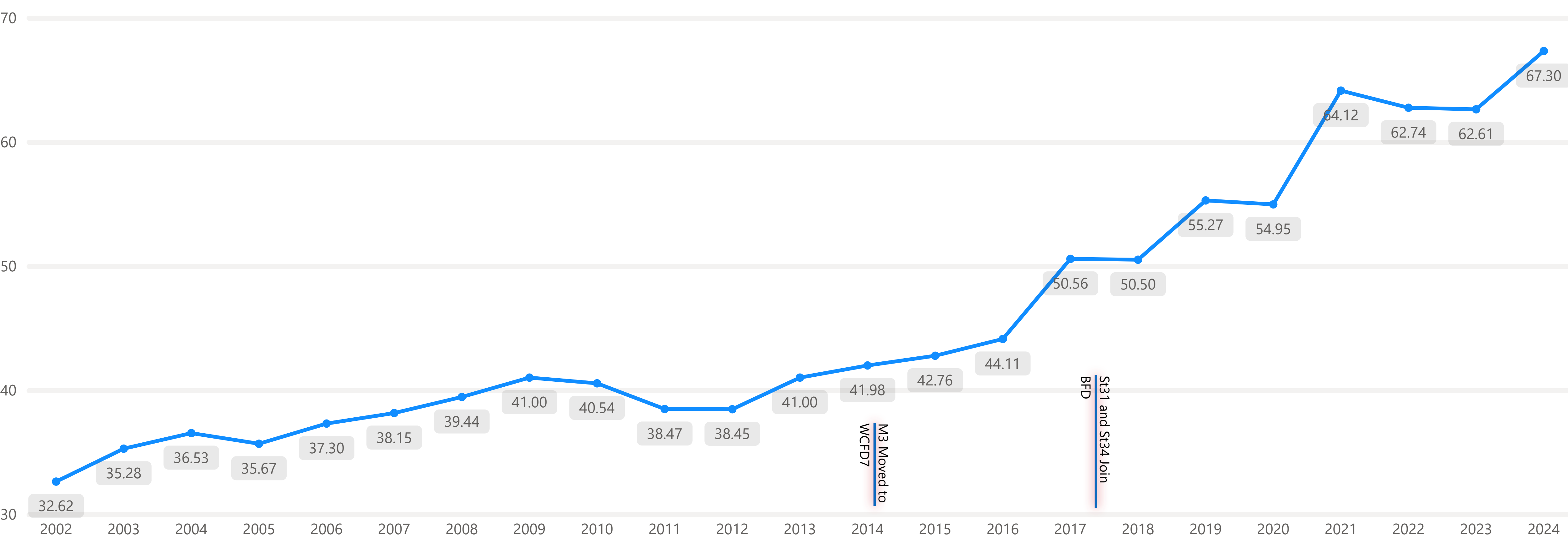
The average number of calls received per day by year



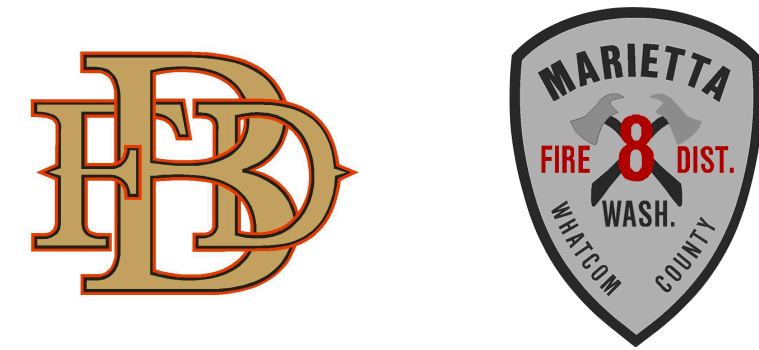
2024 Average Calls Per Day

67.30

Calls Per day by Year



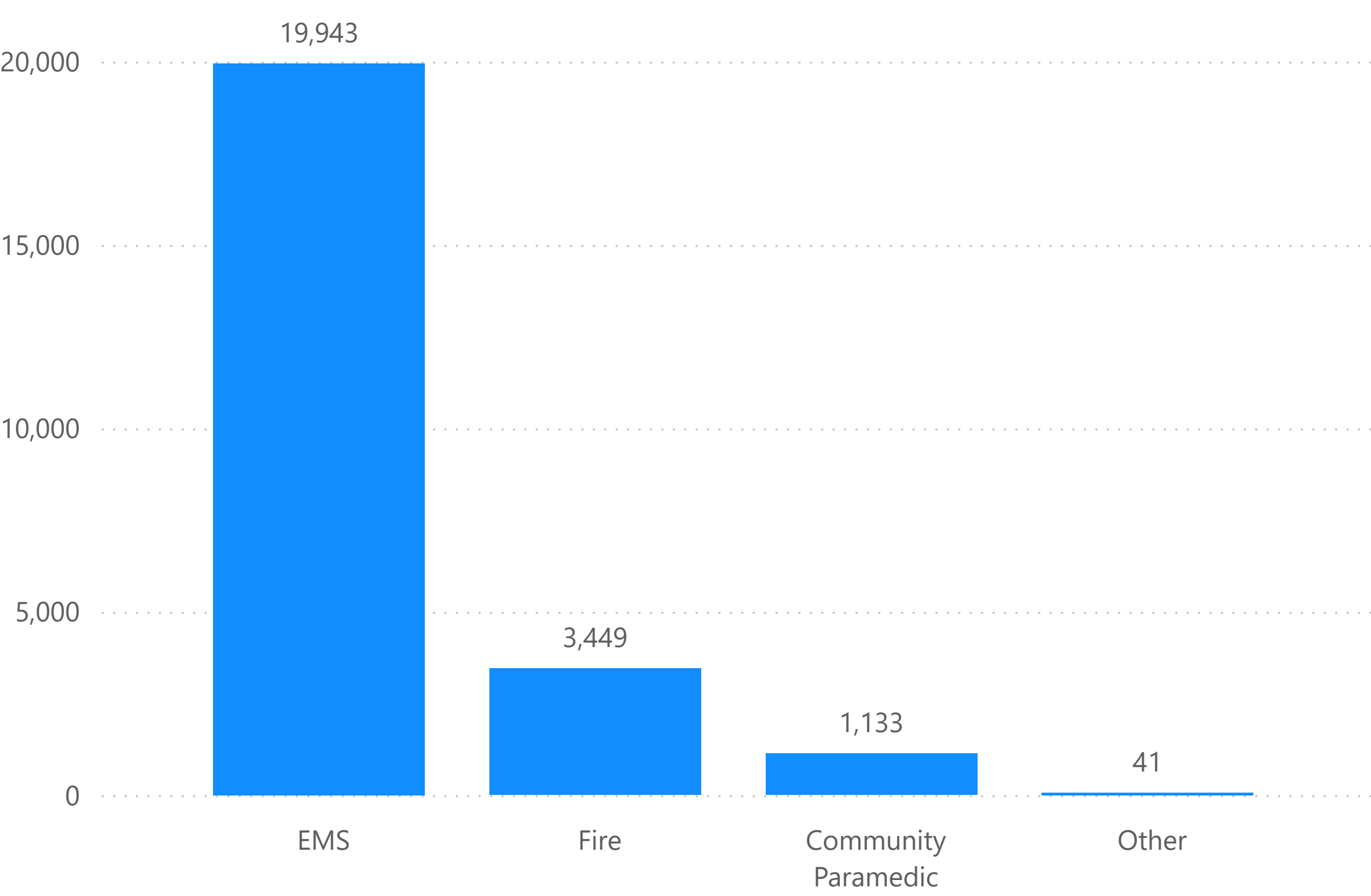
# Call Volume in 2024



## Calls by Category

Calls for service are answered at the 911 center. They are triaged and dispatched into three broad categories: Fire (non-EMS), EMS, and Community Paramedic. These are called Dispatch Categories. As a call progresses and is finalized the final call type may change into one of hundreds of different final call types.

Call Volume by Dispatch Category



Final Call Type

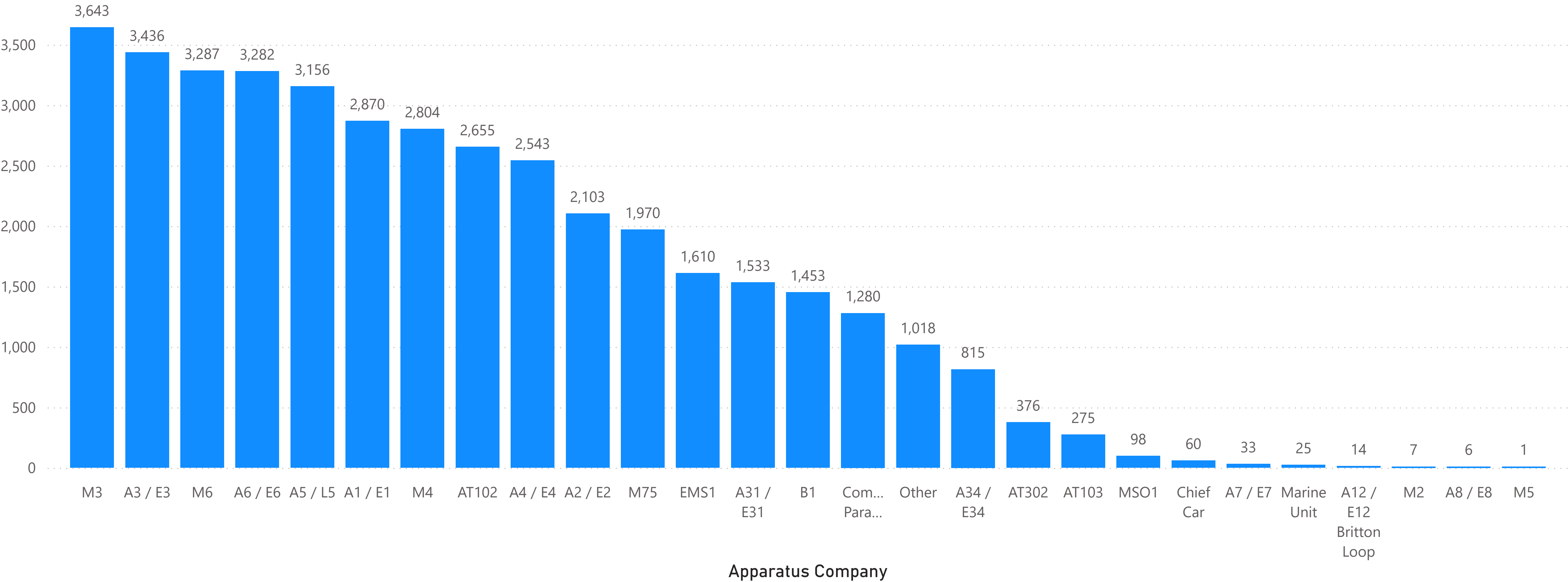
Call Type	# of Incidents	Percentage of Calls
Rescue & Emergency Medical Service Incident	19,400	78.97%
Good Intent Call	2,571	10.47%
False Alarm & False Call	1,086	4.42%
Service Call	749	3.05%
Fire	499	2.03%
Hazardous Condition (No Fire)	191	0.78%
Special Incident Type	42	0.17%
No Type Specified	16	0.07%
Overpressure Rupture, Explosion, Overheat (No Fire)	7	0.03%
Severe Weather & Natural Disaster	5	0.02%

# Call Volume in 2024

Calls by Apparatus Company



Call Volume by Apparatus Company





# Fractile Times for Critical Calls



Fractile is a measurement used in emergency services to describe the percentage of time a specific metric is met. These are measured against critical EMS/Fire calls. A 90% fractile time means that 90% of incidents are below the stated time.

Critical calls are defined as calls with an 'Echo' or 'Delta' level response. These calls are triaged as requiring the highest priority response.

The times below are calculated for geographic areas in Bellingham Fire Departments primary jurisdiction

Turnout Time is the amount of time between an apparatus being dispatched to an incident to that apparatus being enroute to an incident.

Median Turnout Time

00:01:20

90% Turnout Time

00:02:32

Response Time is the amount of time taken from dispatch to arrival on scene. First Unit Response is the time of the first unit to arrive to call

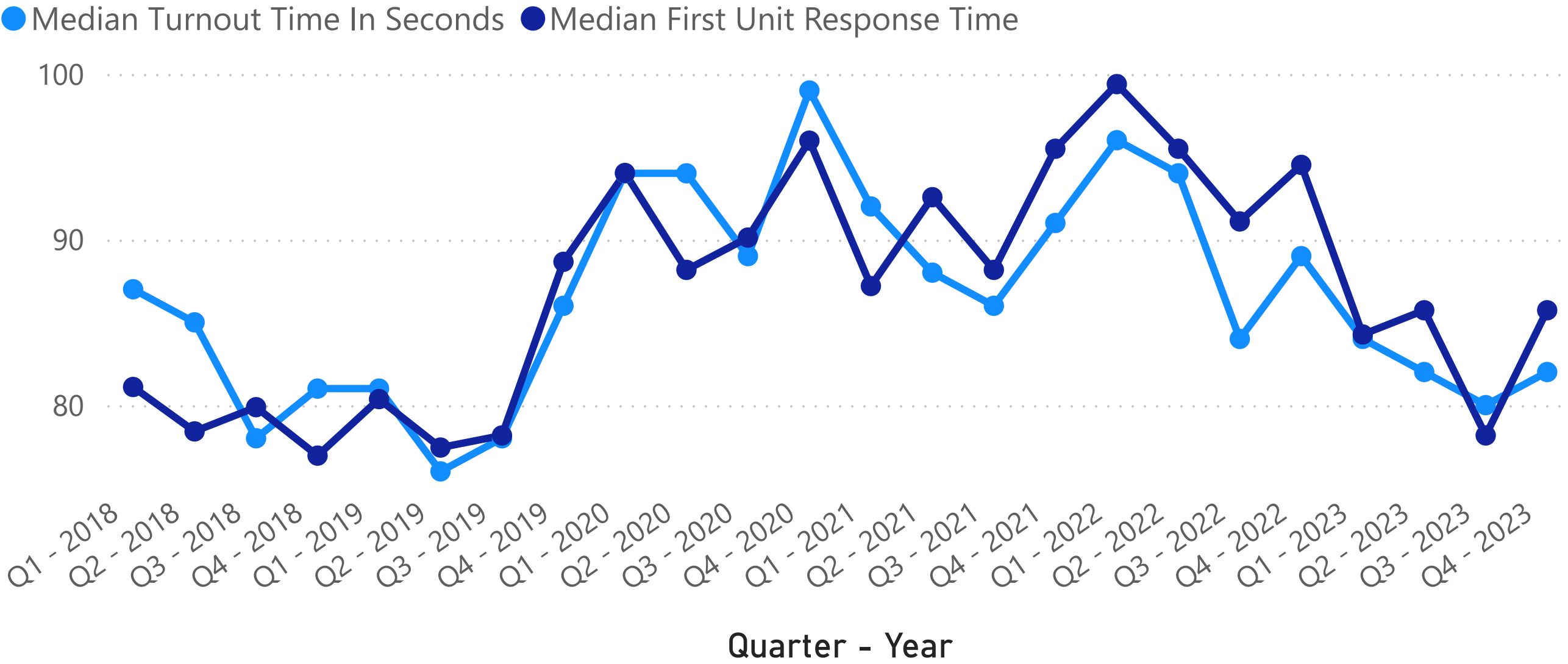
Median First Unit Response

00:04:47

90% First Unit Response

00:07:40

Median Turnout and Response Time by Quarter





# Fire Response

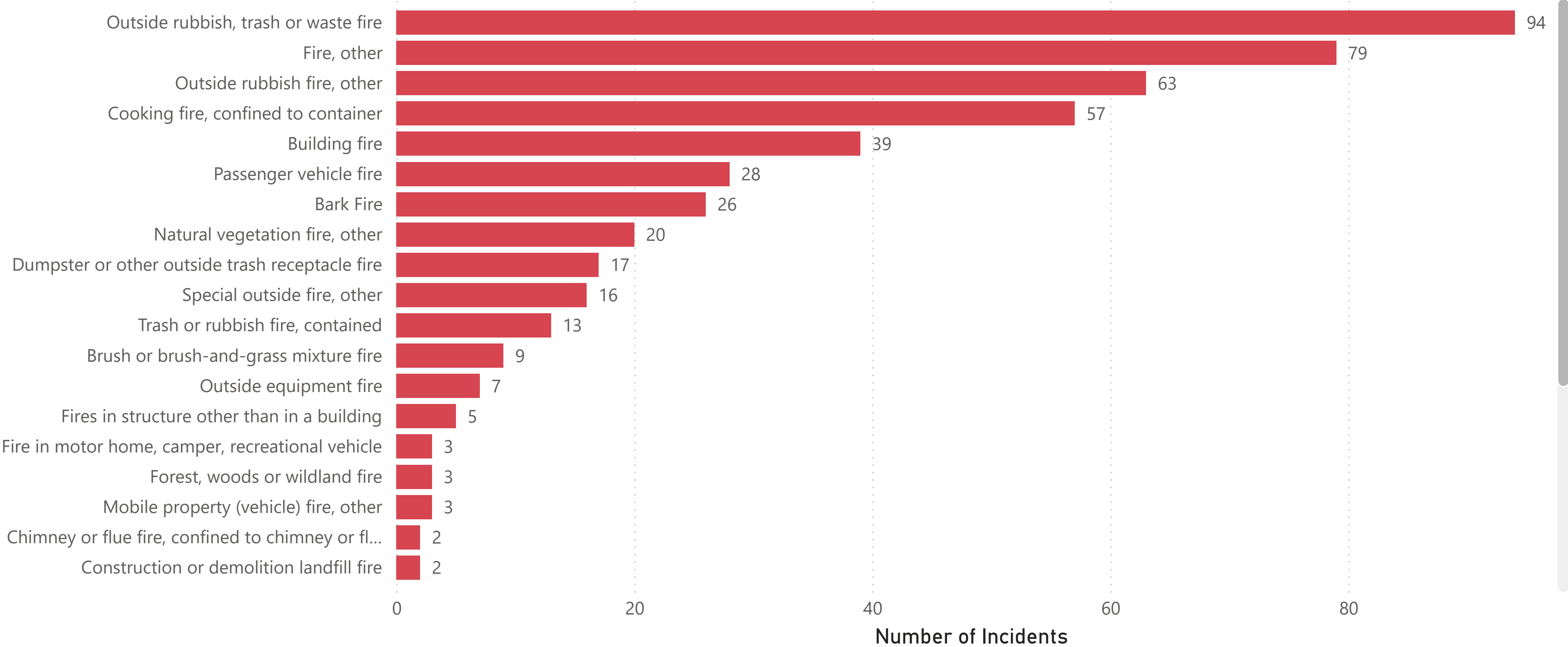


Calls that are given a final type category of 'Fire' are categorized below. Special attention is given to structure fires which include fire emergencies in buildings or mobile property used as a fixed structure.

Fire Response

499

## Fire Incidents by Type



BFD provided aid **40** times to neighboring agencies for fire responses

BFD Received Aid **8** times from neighboring agencies for fire responses

# Structure Fires

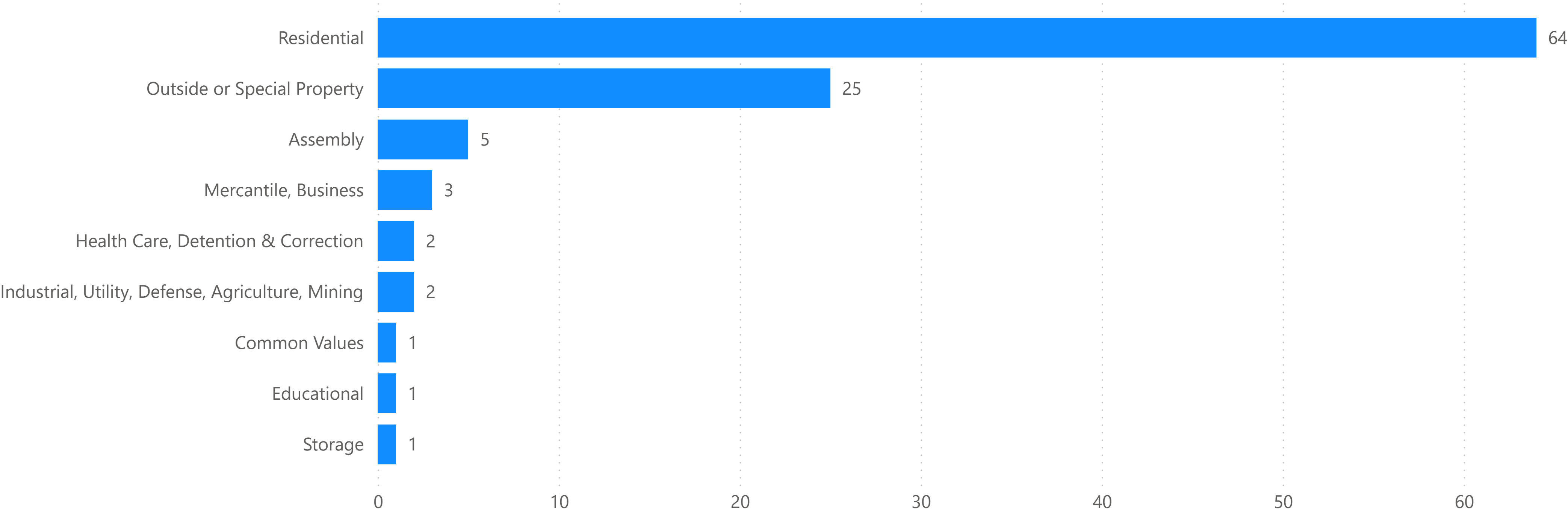


Structure Fires within Bellingham Fire Departments First Due Area

Total Structure Fires in  
2024

104

Stucture Fire Property Types



Median Turnout for Critical Structure Fires

00:01:45

Median First Unit Response Time for Critical Structure Fires

00:05:15

90% Turnout Time For Critical Structure Fires

00:03:04

90% First Unit Response Time for Critcal Structure Fires

00:10:18

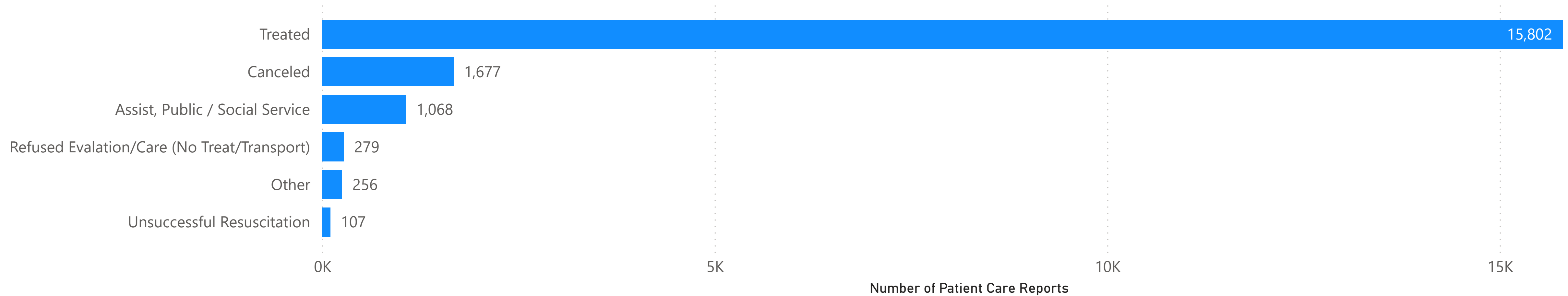
# EMS



BFD made **19,621** separate patient contacts And transported patients **10,545** times

## EMS Reports by Primary Disposition

*\*Data from the first week of January omitted due to NEMSIS transition*



90% Turnout Time To Critical  
EMS Incidents

**00:02:30**

90% Arrival of First Unit of Critical  
EMS Incidents in BFD First Due Aea

**00:07:36**

Median Turnout for Critical EMS  
Incidents

**00:01:18**

Median Arrival of First Unit to Critical  
EMS Incidents in FD First Due Area

**00:04:46**

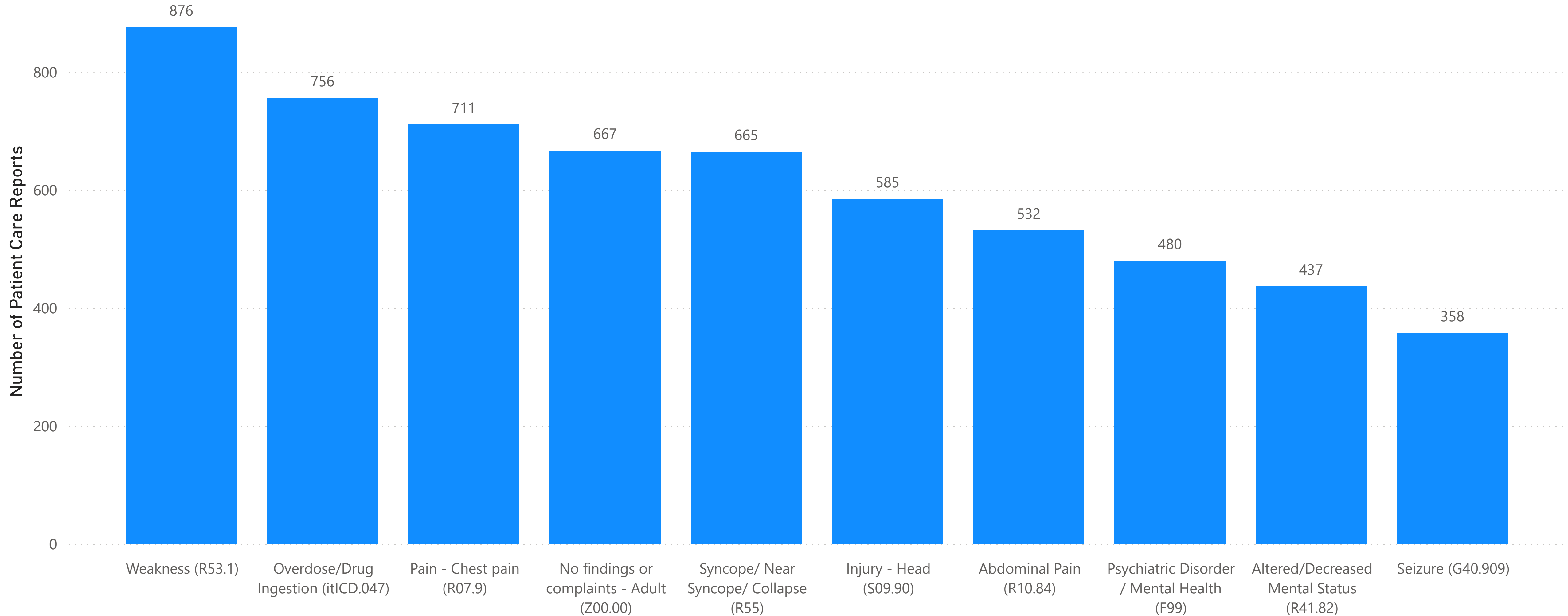
# EMS



Top 10 Primary Impressions documented.

Primary Impressions are the EMS providers impression of the patients most significant condition that led to a call for service

## Top Primary Impression

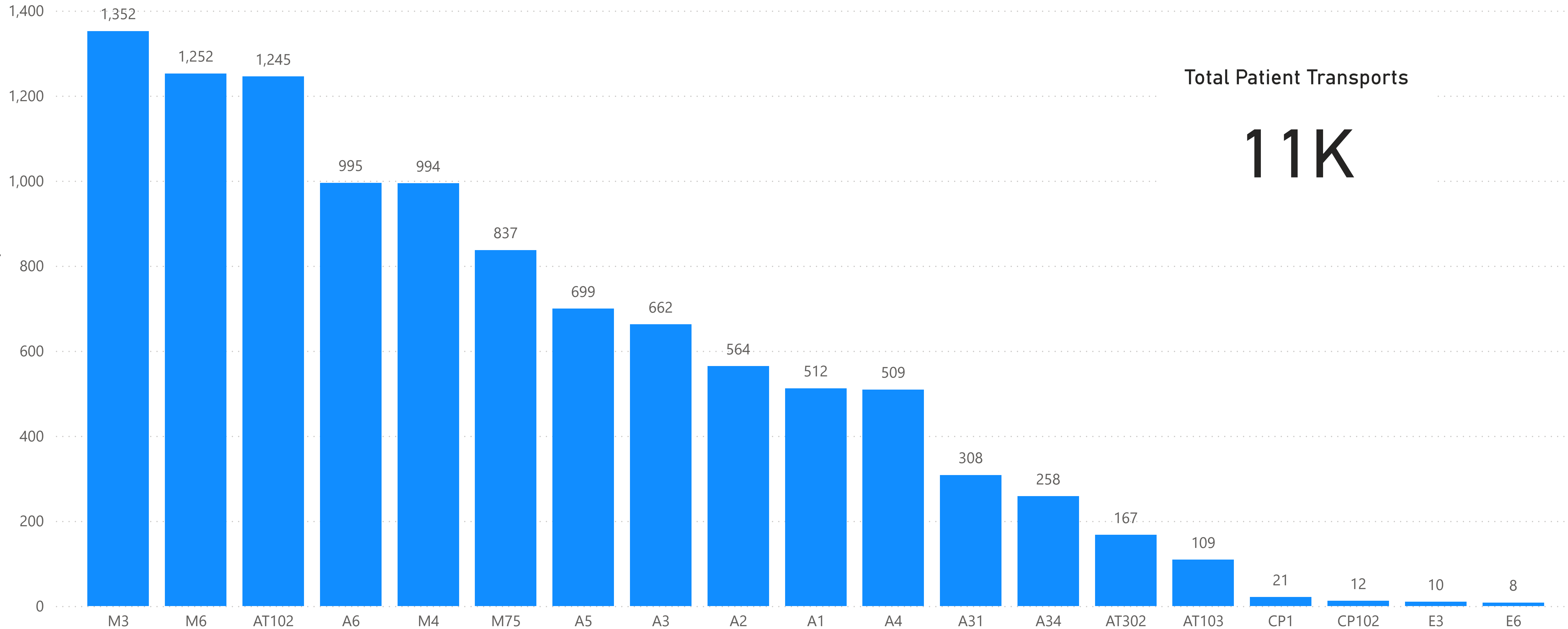


# EMS

The number of patients that were transported in 2024



## Transports by Unit



Total Patient Transports

11K

# Paramedic and ALS Service

As part of the Whatcom County EMS system. Bellingham Fire Department Paramedic units provide ALS system to BFDs first due area as well as all of Whatcom County.



90% Arrival Time for a Medic Outside BFD First Due Area

00:13:41

Median Arrival Time for a Medic Outside BFD First Due Area

00:11:49

BFD Paramedics Responded to **7,544** Calls

**6,198** Calls were inside BFDs first due area

**1,346** Calls were outside BFDs first due area

Medic Calls by First Due Area

First Due Department ● Bellingham Fire Department ● Other

