

CITY OF SNOQUALMIE
FIRE DEPARTMENT

QUARTERLY REPORT

PERFORMANCE FROM
JANUARY - MARCH 2023



ABOUT

THE SNOQUALMIE FIRE DEPARTMENT IS A DEDICATED GROUP OF COMMUNITY SERVANTS COMMITTED TO CONTINUOUS IMPROVEMENT AND EXCELLENCE.

The Snoqualmie Fire Department serves the residents and visitors to the City of Snoqualmie and surrounding area. The department responds to over 1,300 incidents per year from its centrally located fire station. The department is staffed with fourteen career firefighter/EMTs and sixteen volunteer EMS or fire responders.

The Department is one of seven accredited fire departments in the State of Washington, and the only volunteer / career fire department. Across the United States there are 301 accredited agencies that cover 12% of the US population. Only 1% of the Nation's fire departments are accredited. Snoqualmie will be re-applying for accreditation in late 2023, with a hearing date set for March of 2024.



WORK PLAN

JANUARY - MARCH 2023

This section tracks the progress on the Department's Work Plan. This section is derived from the Department's strategic plan and other Mayoral and Council priorities. The work plan is not a daily work tracker, rather it focuses on the highly important and overarching community driven goals. The work plan is a living document, but designed to accomplish goals in a strategic and efficient manner.

Completed

In progress

Scheduled in
future qtr.

Paused

	GOAL	STATUS
	Obj. 1A2: Identify and gain city council approval for new revenue stream(s)	Completed <ul style="list-style-type: none">• Council adopted Increased transport fee• Council adopted GEMT program to start 2022
	Obj. 3A1: Support our community partners (schools, homeowners' associations, businesses and civic groups) by providing disaster/business continuity education, CPR/1st Aid classes & fire safety/extinguisher training.	Completed <ul style="list-style-type: none">• Following public health guidance, educational classes for the community were restarted 2nd quarter 2022
	Obj. 3B3: Increase sharing of resources, equipment and administration regionally	Completed <ul style="list-style-type: none">• Holding a joint volunteer firefighter recruit academy with Fall City.• Shared staffing program continuation• Established morning operational call with neighboring agencies• Policy sharing Knox keys with Fall City and ESFR
	Obj. 3B1: Improve interagency-interdisciplinary (Law Enforcement, Emergency Management, Private ambulance, Search & Rescue) radio communication interoperability	Ongoing <ul style="list-style-type: none">• PSERN moving forward (new countywide digital radio system) Set for 4th qtr 2022.• PSERN project delayed until mid 2023 by PSERN project administration.

WORK PLAN

CONTINUED

	GOAL	STATUS
	Obj. 2C1: Explore the feasibility, models and cost effectiveness of using part-time paid staffing	Ongoing <ul style="list-style-type: none">Beginning to explore option due to reduction of 2 staff members and potential for up to 4 vacancies to fill in the fallRequested funding in 2023-2024 budget. Was not included as decision package for final budget.Assigned to DC Bailey's workplan for 2023 to explore and make a recommendation
	Obj. 3C1: Engage in local business "welcome Wagon" programs to prove intro to fire dept services and business training classes available.	Moved to mid 2023
	Obj. 2A1: Create a fire development standard to provide builders and developers with specific fire protection guidance and requirements during the design phase.	Moved to mid 2023
	Obj. 1C1: Secure additional staff for a dedicated full time basic life support (BLS) transport unit.	Paused. No support for additional staffing at this time.
	Obj. 1C4: Obtain a light duty fire suppression rapid response vehicle.	Paused to focus on ladder truck and engine replacement.
	Obj. 2B4: Explore development of a regional fire authority with willing local partners.	Paused <ul style="list-style-type: none">Multiple meetings with Fall City in previous years has not realized this goal.Little interest from Council to pursue at this time.Goal will be re-evaluated during next strategic plan period.

INCIDENTS

2023

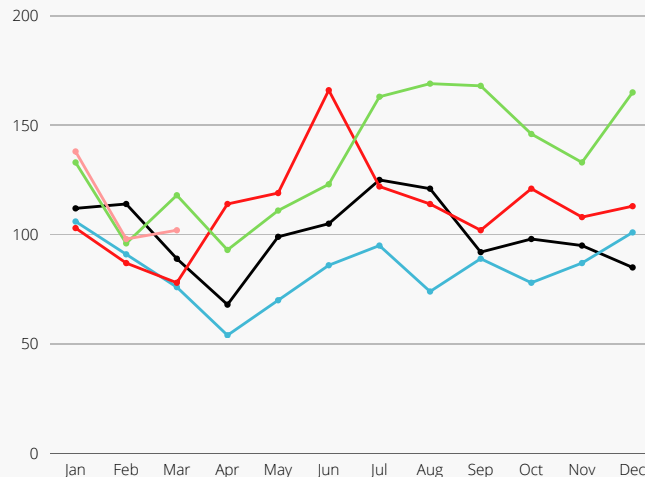
Incidents Per Month

2022

2021

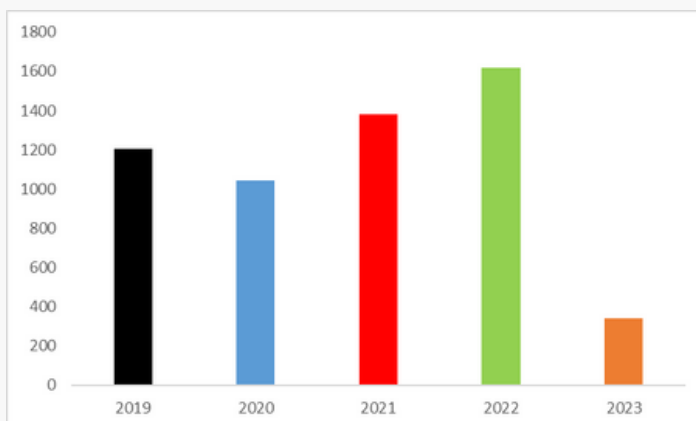
2020

2019



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	112	114	89	68	99	105	125	121	92	98	95	85
2020	106	91	76	54	70	86	95	74	89	78	87	101
2021	103	87	78	114	119	166	122	114	102	121	108	113
2022	133	96	118	93	111	123	163	169	168	146	133	165
2023	138	98	102									

Incidents Per Year

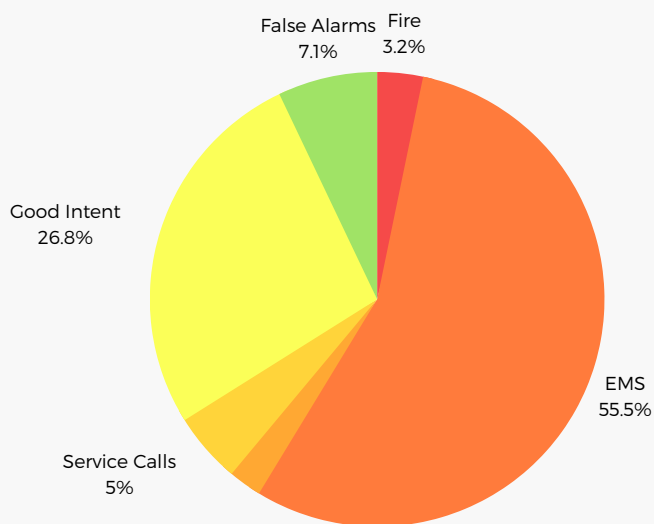


2019	2020	2021	2022	2023
1203	1044	1380	1611	338

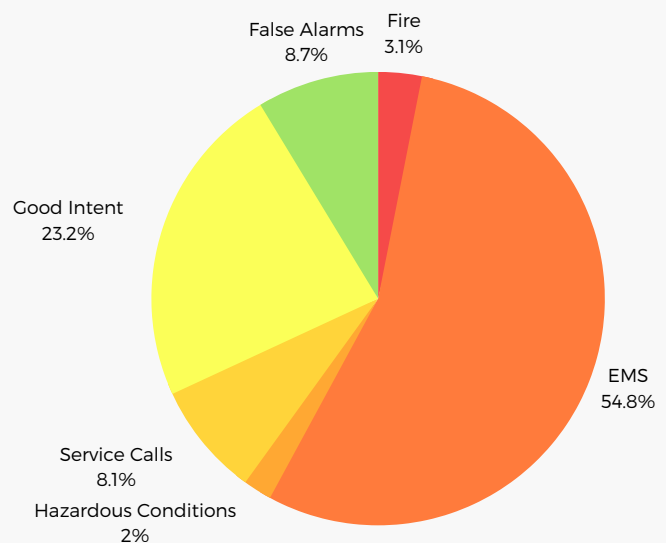
INCIDENTS

CONTINUED

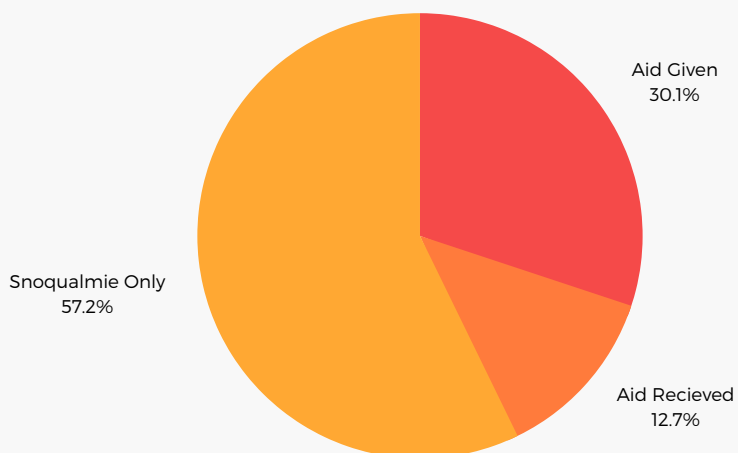
2023 Total Annual Incidents by type



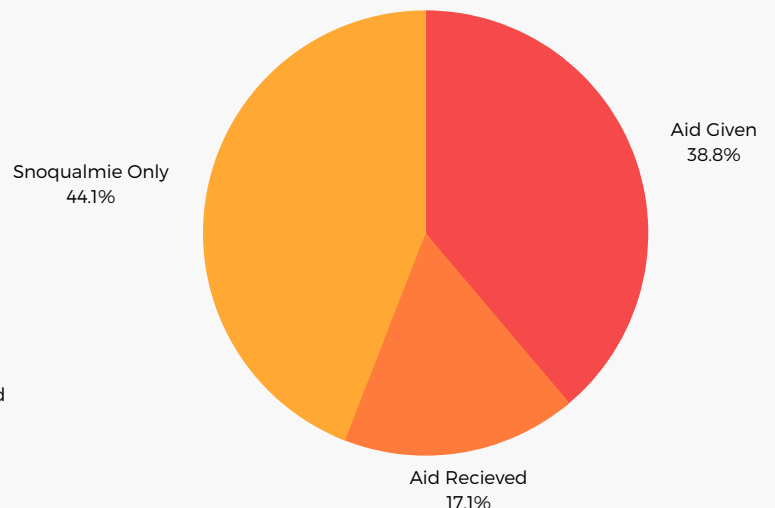
2022 Total Annual Incidents by type



2023 Annual Mutual Aid Given/Received



2022 Annual Mutual Aid Given/Received





PERFORMANCE MEASURES

JANUARY - MARCH 2023

The fire department tracks multiple performance measures to evaluate the agency's response to calls for service in our jurisdiction. These measures are compiled quarterly, and are compared to the previous year's data to look for trends and areas of improvement. Two of the performance measures that are evaluated are turnout times and travel times.

Turnout time is the time from when the call is received by the station to when the unit goes en-route. This time is influenced by factors such as location of personnel within the station, time of day, and whether the crew needs to don protective gear before responding.

Travel time is the amount of time it takes the unit to arrive on scene after leaving the station. This time is influenced by factors such as distance from the station, traffic patterns and weather conditions.

PERFORMANCE MEASURES

TURNOUT TIME

APPARATUS TURNOUT TIMES 2023

	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Total
0:0-0:29	31	17	12										60
0:30-0:59	48	30	32										110
1:00-1:29	27	38	32										97
1:30-1:59	19	7	11										37
2:00-2:59	4	2	4										10

90TH PERCENTILE (MM:SS)

Quarter	2021	2022	2023
1st Qtr	1:44	1:38	1:36
2nd Qtr	1:37	1:36	
3rd Qtr	1:35	1:39	
4th Qtr	1:37	1:39	

PERFORMANCE MEASURES

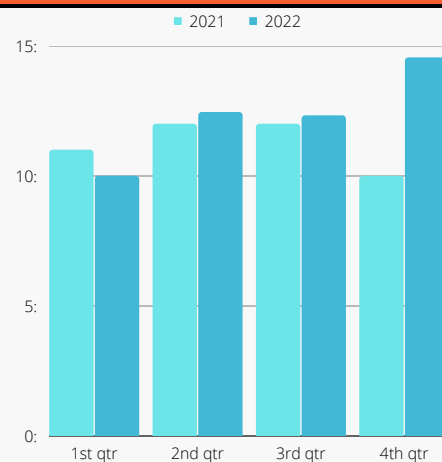
TRAVEL TIME

APPARATUS TRAVEL TIMES 2023

	Jan 23	Feb 23	Mar 23	May 23	Apr 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Total
0:00-3:59	30	30	17										77
4:00-7:59	45	35	41										121
8:00-11:59	17	7	9										33
12:00-15:59	5	3	7										15
16:00-29:59	3	7	1										11
30:00-1:29:59	0	1	1										2

90TH PERCENTILE (MM:SS)

Quarter	2021	2022	2023
1st Qtr	11:13	10:55	13:38
2nd Qtr	12:15	12:45	
3rd Qtr	12:13	12:32	
4th Qtr	10:44	14:55	



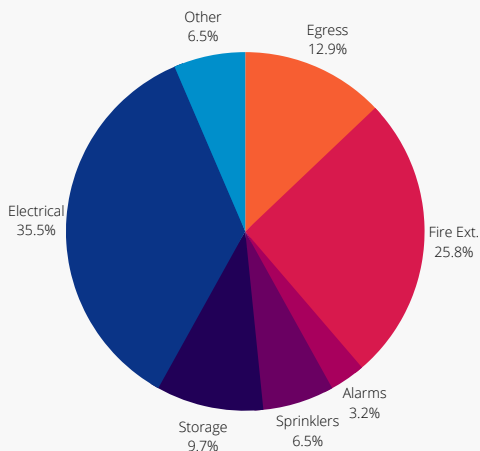
FIRE INSPECTIONS

JANUARY - MARCH 2023

Beginning in 2017 the fire department began performing the majority of the fire and life safety inspections for businesses in the city. The building department has the overall responsibility and handles the more complex inspections, but the two departments work together to complete inspections as well as provide advice and resources for discrepancies found. All occupancies are inspected annually, regardless of risk or occupancy type. The most common violations found are extension cords being used improperly, faulty emergency lighting, and extinguishers missing or improperly maintained. Inspections are assigned to the crews quarterly, with each shift being responsible for the initial and re-inspections.

INSPECTIONS COMPLETED				
1st Qtr	2nd Qtr	3rd qtr	4th qtr	Year to Date
61				

Most Common Violations (Compiled annually)



Violation Definitions

Egress - Egress blocked or not marked

Fire Extinguishers - out of date, not enough, not right type

Alarms - alarm system not inspected annually

Sprinklers - sprinkler system not inspected annually

Storage - improper storage, too close to ceiling or panel

Electrical - extension cords used for permanent wiring

HazMat - Improper storage

Other- Violation not normally seen

PROPERTY LOST / SAVED

JANUARY - MARCH 2023

For reporting purposes, fire loss is broken into two categories: property and contents. Property describes physical properties such as cars, house, etc. Contents describe items that are not part of the structure but perish in the incident. Both categories are combined together to determine total property loss, and more importantly, total property saved.

2023 1st Quarter Fire Loss

Incident Date	Property Value	Property Loss	Content value	Content Loss
1/23/23	\$1,051,000	\$10,000	\$52,550	\$5,000
3/8/23	\$1,186,969	\$10,000	\$59,348	\$5,000
3/10/23	\$1,186,969	\$30,000	\$59,348	\$20,000
3/10/23	\$1,186,969	\$759,000	\$59,348	\$35,000
Totals	\$4,611,907	\$809,000	\$230,594	\$65,000

Annual Property Saved

Property Risked	Property Saved	Percentage Saved
\$4,842,501	\$3,968,501	81.95%