

2023



ANNUAL
REPORT

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A Message from *Fire Chief Don Waller*



This year's annual report emphasizes the significant progress we have made toward the goals of our Strategic Plan (pages 6 & 7) and the planning for the next 6 years. This progress has been possible due to a number of factors:

Voter approval of the August 1 Levy Lid Lift: The Fire District is deeply appreciative that its residents approved the Fire Levy Lid Lift. The funding provided by its passage has allowed the District to adopt plans over the next 6 years to build on the progress we have made the last 4 years. This will allow the foundation we have created to be a launching pad for the next two decades. We are extremely thankful that SCFD4 residents see value in the programs and services the district provides.

Commissioner Guidance/Support: The Board of Fire Commissioners is the decision-making body for the District. The commissioners use data, reports and recommendations submitted by staff and their desire to serve the district's best interests when making decisions. In 2023 the commissioners hired a consultant to perform an assessment and options analysis focused on collaboration potential with fire district neighbors. The consultant's report is just one example of the commissioners' commitment to and support of strategic goal action plans.

Staff Vision and Dedication: SCFD4 staff are committed to providing quality care to citizens. This is true of our volunteer chaplains (p.26), administration personnel, firefighters and officers. Personnel engage in weekly training (p. 30) and education events (p. 28) and are excited to expand the types of special operations programs available to residents without relying on mutual aid (p.29).

Data Analysis: The type of data gathered by the district from dispatch information has not changed, but with new partners and methods of data analysis the district can more accurately graph and predict progress on strategic goal measures. The format of those graphs is slightly changed from previous years, but will be consistent in future reports. The district is especially proud of the collaboration with South County Fire (SCF) to accomplish this. This is a testament to all of our core values. We have built resiliency in the system, by having a more balanced approach through a collaboration with SCF. It is saving each agency money and providing a better product.

The District will continue to make data-driven, forward-thinking and financially transparent decisions to provide for the future health of the organization and ensure its ability to meet the changing fire protection and health care needs of its residents. Thank you for the continued support and trust you have placed in SCFD4.



Donald D. Waller Donald D. Waller, Fire Chief

Masters of Health Policy & Administration (MHPA)-WSU, BS Chem-WSU,
AAS Advanced Life Support SCC - Chief Fire Officer (CFO)
Center for Public Safety Excellence (CPSE)

STATE of the DEPARTMENT

- ◆ Core Values
- ◆ Strategic Plan
- ◆ District Map
- ◆ Station Map
- ◆ Year in Review

CORE VALUES



Resilience

Plan for, adapt to and embrace the community's changing needs.



Collaboration

Supporting endeavors with the community and regional agencies.



Skillful and timely service delivery by motivated personnel.

Proficiency



Cost efficient, equitable and compassionate interactions with the community and each other.

Balance

Strategic Plan

Measures of Progress


























completed





ongoing

















future goal









 OPERATIONS		
Effective Performance Management System	Using: Pulse Point (cellular alert system for calls) First Due (mapping fire plans) Target Solutions (training and scheduling app) First Arriving (digital display of calls and station information)	
Improve Response Times	3 Part Time firefighters added	
Enhance Non-Emergency Services	Car seat technician appointments	
	CPR training at local high schools	
	Bicycle helmet fitting at Central Elementary School	
	Distributed 200 smoke alarms in partnership with Red Cross	
Manage RLB Training Site Opportunities	Inter-Local Agreement (ILA) with SRFR (Snohomish Regional Fire & Rescue) for joint use / reciprocal services	
	Assigned one Commanding Officer for 2023-1 & 2023-2 SCFTA Training Academy cohorts	
	Billed for 554 hours of RLB rental with local agencies	
	Applied for grant for updating burn building at RLB	
Improve Service Delivery Efficiency	Took delivery of new Spartan Fire Engine	
	Fitted additional Brush Truck with new hose (1 3/4 ")	
	Mass Casualty Incident Vehicle ILA with Paine Field	
	Inflatable kayak purchased for water rescue	
 COMMUNITY RELATIONSHIPS		
Communicate Effectively with the Community	Community Meetings on Levy Lid Lift	
	Social Media presence (Facebook, Nextdoor, Twitter, website)	
	Community Meetings on new Station 41 proposal	
	Auction items donated to Totem Elementary School, Snohomish Education Association & Kiwanis	
	18 Media Alert messages	
	Open House for 135th Anniversary of Department	
	FD4 Representatives attend Community Group Meetings	

Enhance Diversity Services	Spanish translation of smoke detector flyer 
	Food Drive competition with Police (1016#, \$1530) 

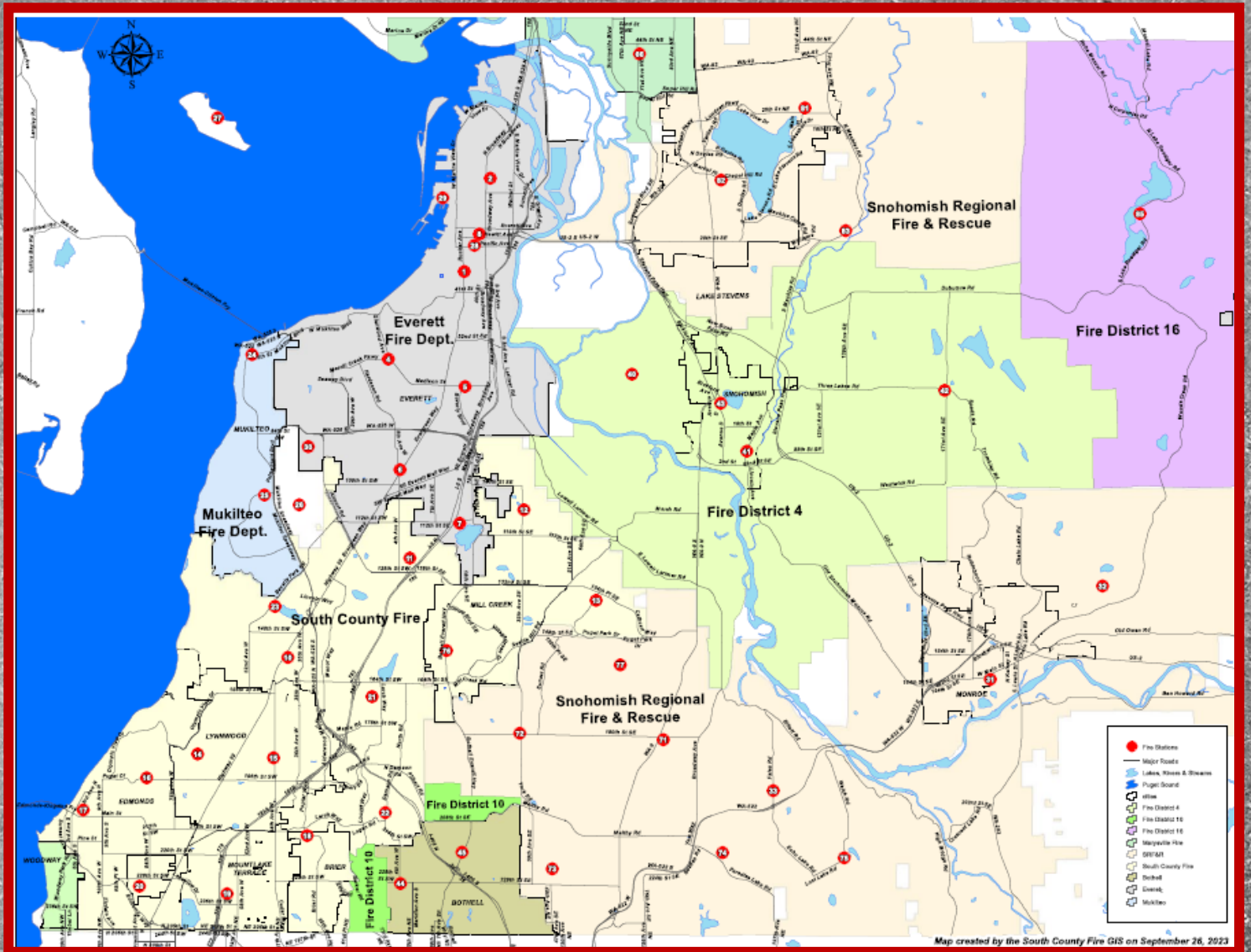
PERSONNEL & CULTURE

Prioritize Physical, Emotional and Mental Well-being of all Personnel	Accepted into FIIRE (Firefighter Injury and Illness Reduction) Program through L & I 
	Joined Peer Support Collective —monthly meetings 
	Annual firefighter physicals 
Recruit and Train Staff to Reflect Makeup of the Community	Attend Job Fairs at high schools & EvCC 
Nurture a Positive and Inclusive Culture	Annual Awards Ceremony 
	State of the District presentation by Chief 
	Station Visits and Open Door Policy (Fire Chief) 
Embody Learning Individually and as an Organization	Chief Lasky Leadership Training event (~150 people) 
	Chief Kastros IMS Training event (~20 people) 
	Hosted EMS Conference (75 people) 
	Hosted county-wide MCI Event at RLB (200+ people) 
	Fire Chiefs attended FDIC International Conference 
Ensure Personnel have Adequate Information to Complete their Jobs	Purchased copy machine with scan/email capabilities 
	Water Tech and Ropes Tech Training courses 

SYSTEMS & RESOURCES

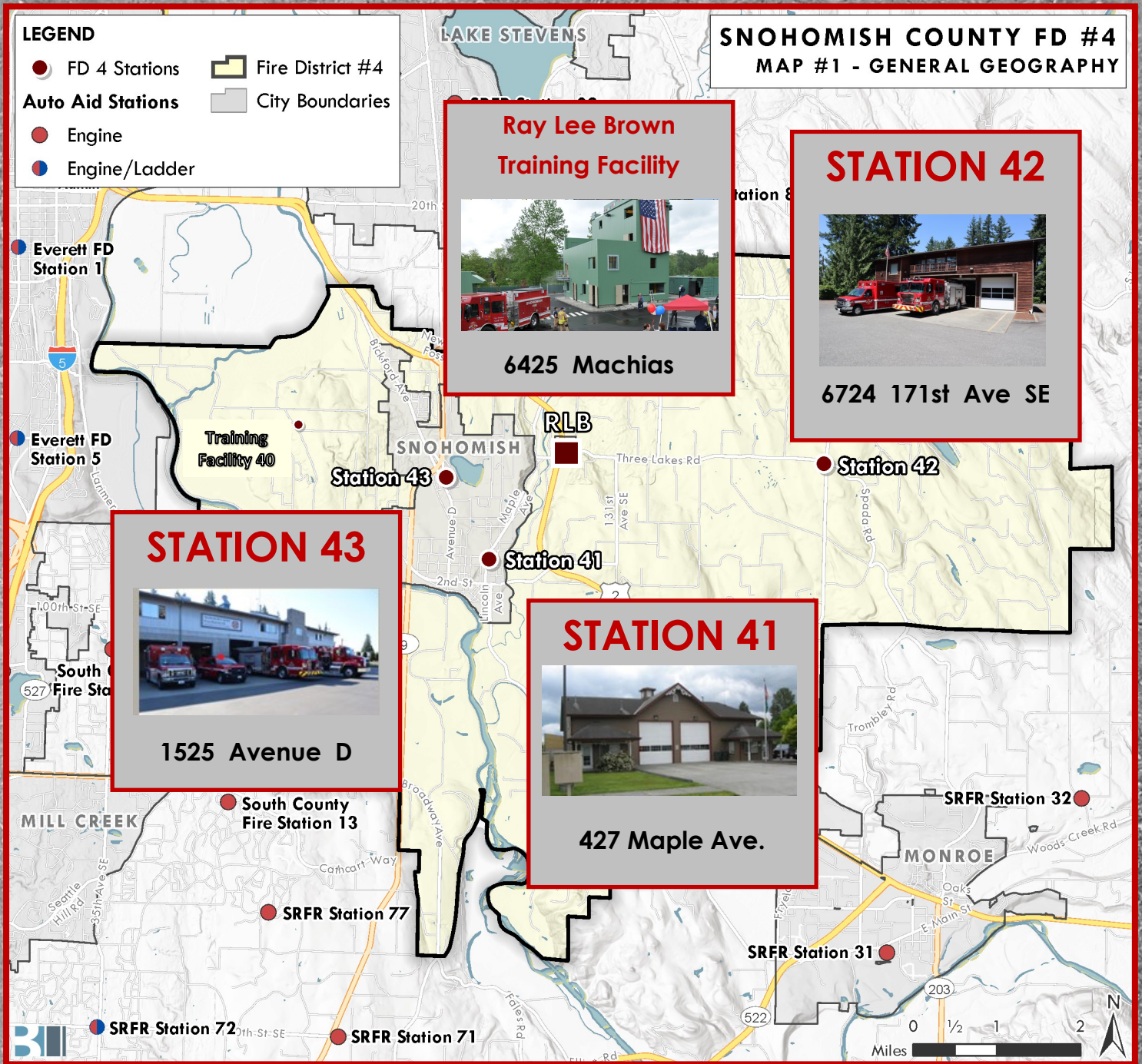
Exemplary Standard for Stewardship of Public Resources	10% L&I rate savings through FIIRE Program 
	Springbrook accounting software activated for Accounts Payable and Payroll processing 
	Publishing Budget, Annual Report and State Audits 
	Fire Levy Lid Lift passed 
Allocate Resources to Optimize Advancing the Strategic Plan	Quarterly Reports at Commissioners Meetings 
	Collaboration with SRF Report (Jim Torpin) 
Use Technology and Other Means to Increase Efficient Use of Resources	Virtual daily operations briefings among Stations 
	Use of Smartphones & Mobile Data Computers on secondary apparatus 

District Map



Snohomish County Fire District #4 has been serving the town of Snohomish, and the 60 square miles surrounding it, since 1883. Initially founded as a volunteer organization with a single hose cart and 1000 feet of hose, it has grown and adapted to the changes of its community. The 32,000 residents are currently served by a staff of 62 including full-time and part-time firefighters, executive and administrative personnel and volunteer chaplains. The district is governed by a board of three fire commissioners. In addition to fire suppression, rescue and emergency medical services, SCFD#4 also provides public education services including: *burn permits, car seat checks, CPR training, emergency preparedness, school visits and smoke alarm assistance.* Fire Explorer Post #444, a program for high school students interested in the fire service, is also sponsored by the district.

Station Map



Snohomish County Fire District #4 personnel respond to incidents from one of three stations that are staffed 24 hours a day.

The *Ray Lee Brown Training Facility* was constructed in 2011 and is used as a regional training resource by SCFD#4 and neighboring jurisdictions.

Year in Review

JAN

- 1 Lieutenant promoted to Battalion Chief
- 4 Battalion Shift rotation started
- Military Service Plaque installed (Station



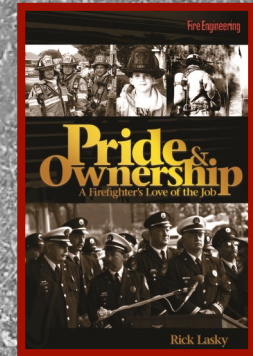
FEB

- State Audit completed
- No significant findings



MAR

- **Pride & Ownership** training with Chief Lasky
- Residential Fire & Rescue



- VFW Post 921
- FF & EMT Awards



APR

- Water Tech training with new inflatable kayak

MAY

- Rope Tech Training
- Farmer's Market
- Battle of the Badges Food Drive



JUN

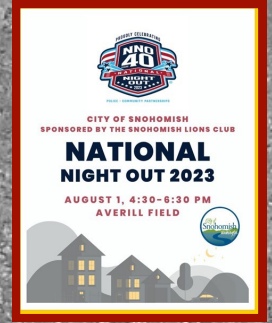
- Residential Fire
- Furniture World Fire
- Touch A Truck
- 4 Lieutenant & 6 Engineer Promotions



Year in Review

JUL

- 135th Anniversary Open House
- Kla Ha Ya Days



AUG

- National Out Night
- New Lucas Device & BKR Radios
- Fire Levy ratified



SEP

- 8 Wildfire Mobilizations from June to October



OCT

- Fire Prevention Week
- Ropes Safety Class
- EMS Conference hosted
- County-wide MCI Drill at RLB



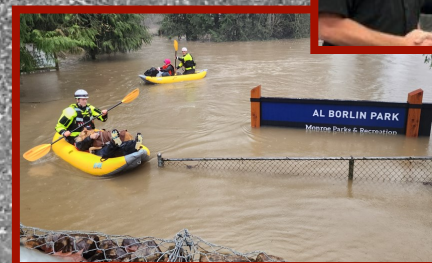
NOV

- Town Meeting Safety Presentation
- BC Promotional List



DEC

- 2 Water Rescue Incidents
- Commissioner Erickson sworn in



FINANCES

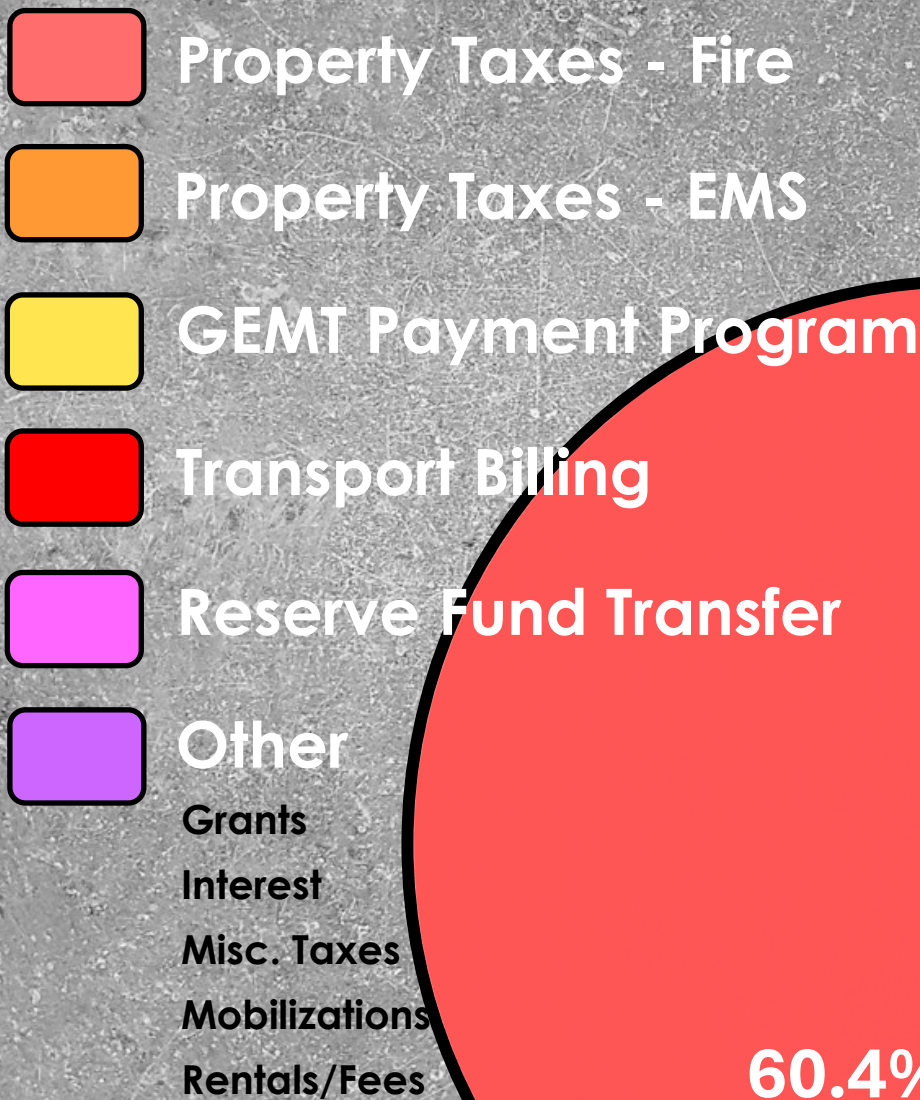
◆ Revenues

◆ Expenses

FINANCES

Actual/Amended Revenue Budget

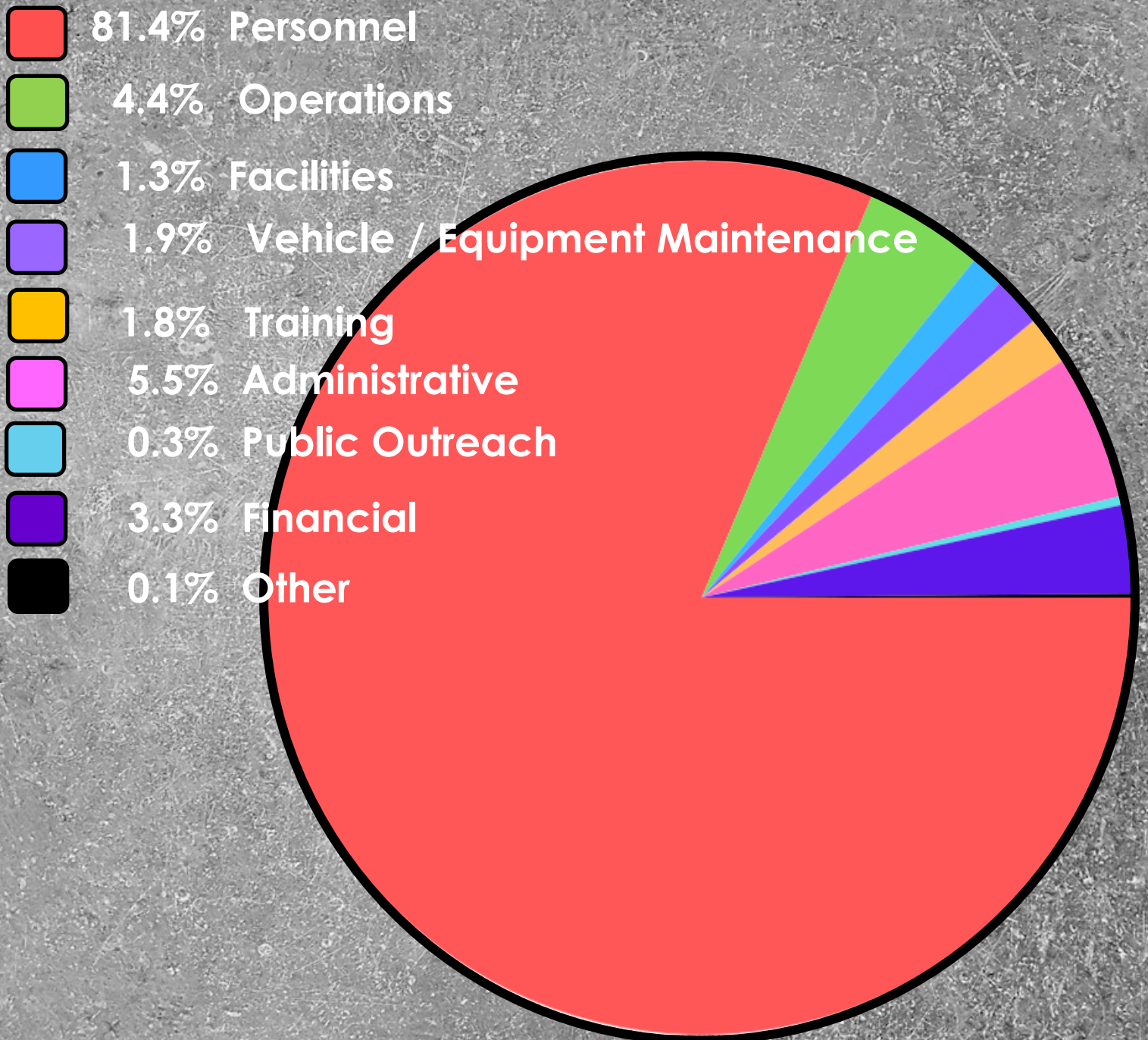
\$15,597,194



FINANCES

Actual/Amended Expense Budget

\$11,092,650



Expenses + Reserve Fund Transfer = Total Fund Expenditures

PERSONNEL

◆ Leadership Chart

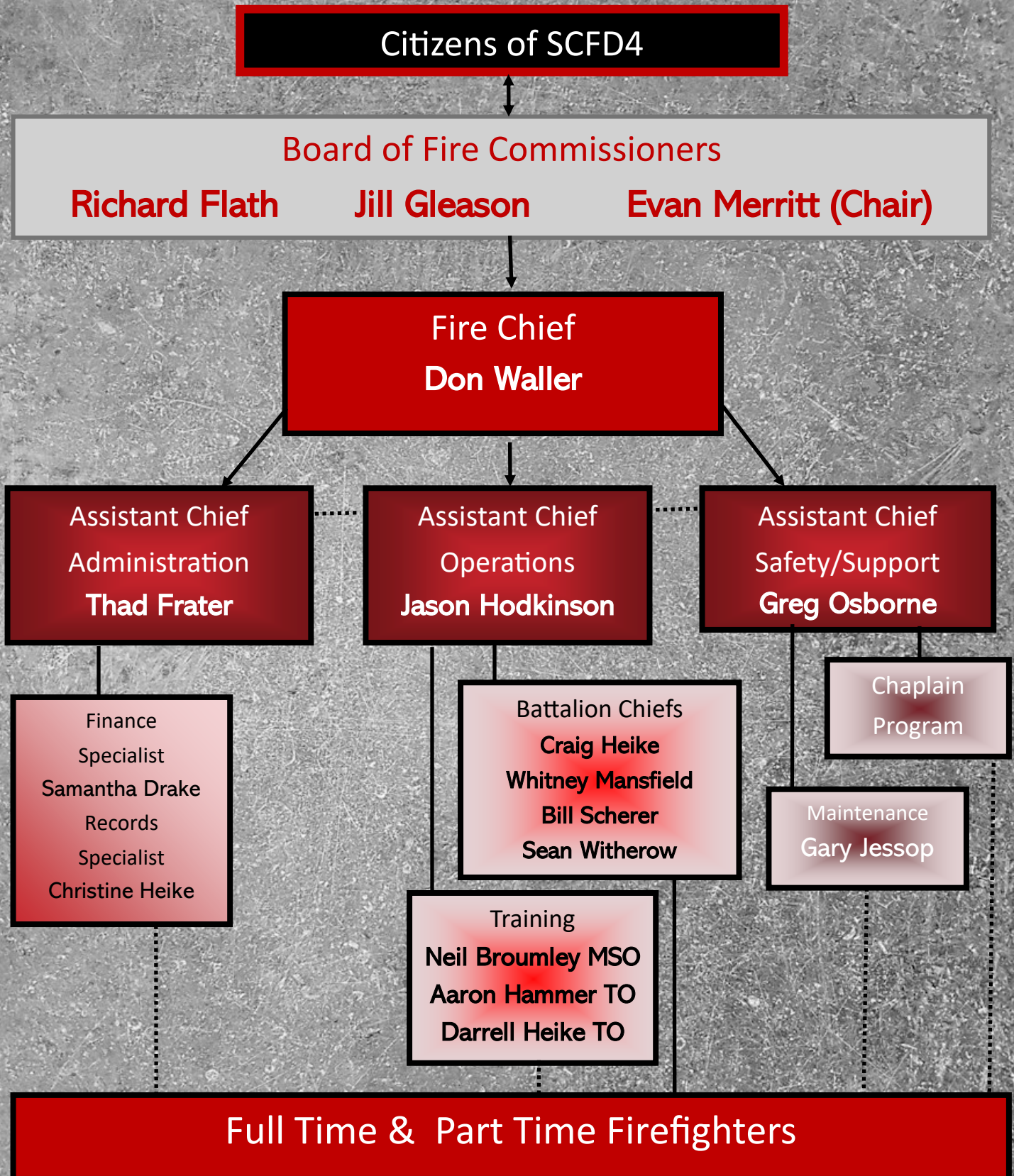
◆ Arrivals

◆ Departures

◆ Promotions &

Awards

Department Organization



Organization chart depicts reporting structure only.

Personnel Changes

Arrivals



Casey Rugg
Part Time FF



Bailee Welch
Part Time FF



Edwin Westerinen
Part Time FF



Craig Erickson
Commissioner

Departures



David Garcia
Part Time FF



Nick Garza
Part Time FF



Jill Gleason
Commissioner



Brian Heike
Part Time FF



Errol Hooker
Part Time FF



Steven Osborne
Part Time FF

Promotions & Awards

Engineers



Tanner Aebersold



Casey Bizelli



Jacob Dehaan



Ryan Green



Jose Islas



Anthony Parra

Lieutenants



Gabe Harrington



Doug Higbee



Karl Jacobsen



Kenton Lucke



Sean Witherow

Battalion Chief



Each year, the Veterans of Foreign Wars selects emergency medical technicians, law enforcement and firefighter personnel to receive VFW Public Servant Awards.



Jake Dehaan
FF of the Year



Nathan Flath
EMT of the Year

SERVICE DELIVERY

- ◆ Incident Types
- ◆ In District & Mutual Aid
- ◆ Call Process Times
- ◆ Turnout Times
- ◆ First Due Travel Times
- ◆ First ALS Unit Travel Times
- ◆ Effective Response Force Times

Appendix A contains the values of these metrics for 2022 and 2021.

DATA REPORTING

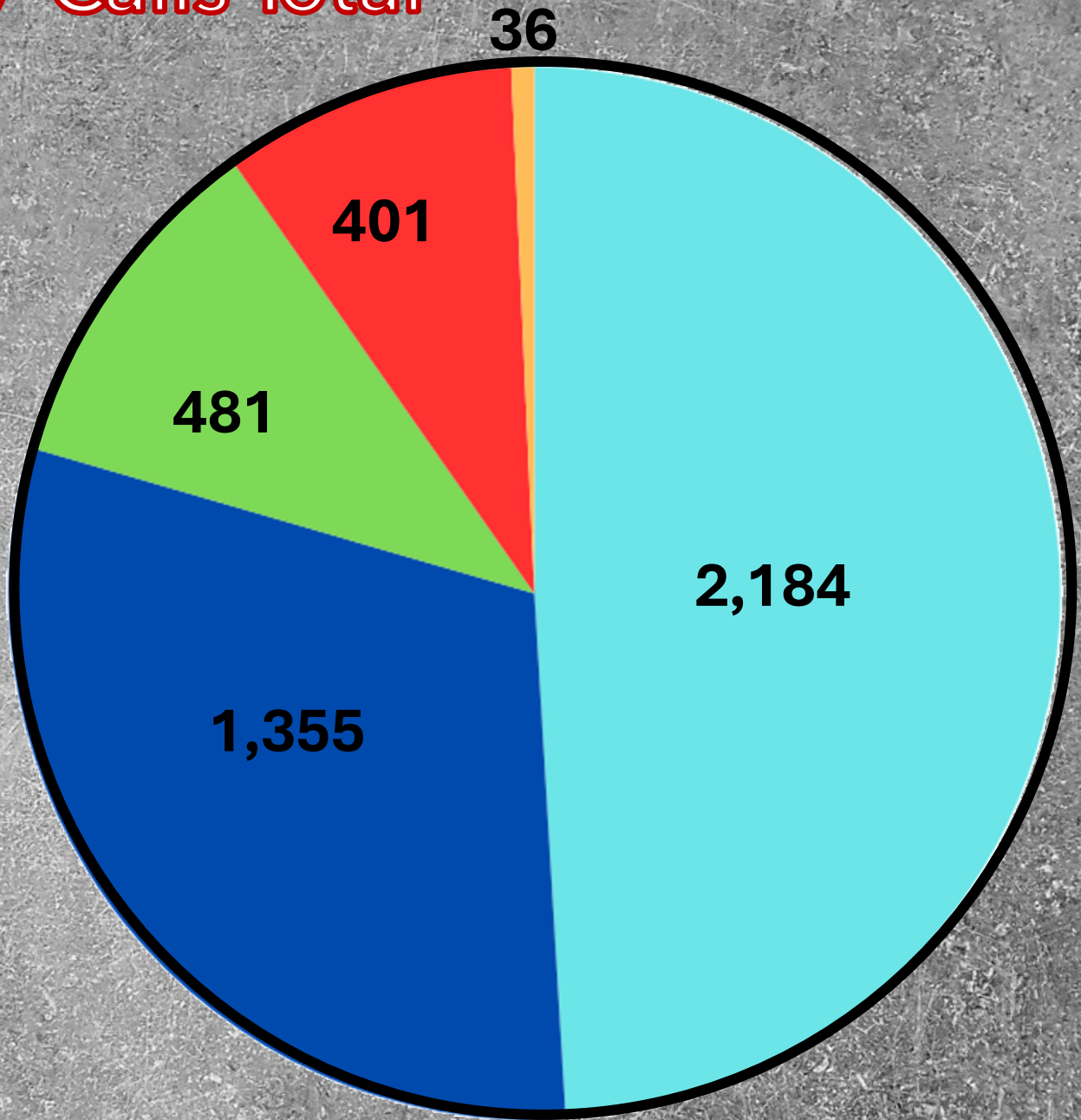
The fire service establishes best practices by examining the performance of agencies like District 4. SCFD4's Board of Commissioners commissioned a study called the *Standard of Cover (SOC)* for a detailed look at District 4's performance. The Board reviewed the 'norms' reported in the SOC to establish objectives or standards for performance going forward. The goal is to meet objectives 90% of the time, understanding that it would not be financially or logistically feasible to meet them 100% of the time. This 10% 'noncompliance' rate is the industry standard.

SCFD4 service delivery data is calculated from monthly call information collected by the SNO911 dispatch center. Many fire districts have an employee who analyzes the data from SNO911. Others contract with a statistician to perform this analysis. SCFD4 began noticing discrepancies in the data reported by our 3rd party vendor (statistician). To address this, and moving forward, SCFD4 will be processing its own data, with assistance from South County Fire.

There will be a slight variation in this year's report format compared with previous years. **Appendix A** contains updated 2022 and 2021 data for comparison. The time needed to reprocess the data discrepancies led to a delay in publishing the 2023 Annual Report.

Incident Types

4457 Calls Total



 BLS calls 49.0%

 Fire calls 9.0%

 ALS calls 30.4%

 BLS Service calls 0.8%






 Other calls 10.8%

In District & Mutual Aid

SCFD4 has [Inter-Local Agreements](#) in place with neighboring fire districts authorizing the agencies to cross fire district borders and provide additional assistance. This happens when there are major incidents (large fires, multi-vehicle crashes), calls using technical rescue teams (water, ropes, trenches, hazardous materials), or when the district has multiple calls occurring at the same time.

Green values are hours of aid **received** by SCFD4.

Red values are hours of aid **given** by SCFD4 to other districts.

Agency	Received # of hours	Given # of hours	Net hours
SRFR  Snohomish Regional Fire and Rescue	627 hrs	331 hrs	296 hrs
SCF  South County Fire	96 hrs	3 hrs	93 hrs
Everett  Everett	41 hrs	11 hrs	30 hrs
SCFD #16  Lake Roesiger	1 hr	54 hrs	53 hrs
Other  Other	39 hrs	42 hrs	3 hrs
TOTAL	846 hrs	441 hrs	405 hrs

Call Process Times

The time from when a 911 call is answered at the dispatch center (SNO911) to when SCFD4 crews are alerted. Please note that SNO911 is a stand-alone agency over which we do not have direct control, but to which we have representation through elected board members.



Objective: 01:30 mm:ss

98% of calls met objective

90% of calls at or below **00:38 mm:ss**

SCFD4's call processing time is meeting the standard, a change from previous years.

Turnout Times

The time after crews are alerted, during which they gather gear, hop on the apparatus and start responding. SCFD4 is actively working to improve turnout times. A major factor in turnout time is station design. Out current station designs are not conducive to fast turnout times. **Appendix B** describes the current limitations and methods for future stations to remedy them.



Objective: 02:00 mm:ss

82.4% of calls met objective

90% of calls at or below **02:19 mm:ss**

First Due Times

The time required for the first apparatus to arrive on the emergency scene in city limits (**Urban**) or outside city limits (**Suburban**).

		Travel	Dispatch to Arrival	Total Response
Urban	Goal	04:00 mm:ss	06:00 mm:ss	08:00 mm:ss
	Met	75.2%	80.6%	91.4%
	90th %	05:24 mm:ss	07:11 mm:ss	07:55 mm:ss
Suburban	Goal	08:00 mm:ss	10:00 mm:ss	12:00 mm:ss
	Met	77.3%	81 %	89.2%
	90th %	09:46 mm:ss	11:40 mm:ss	12:33 mm:ss

ALS Travel Times

The time required for the first apparatus to arrive on the emergency scene of Advanced Life Support calls. ALS calls require more intensive life saving measures involving the use of intravenous drugs, cardiac monitors, defibrillation, and tracheal intubation.

	Urban Total Response	Suburban Total Response
Goal	06:00 mm:ss	10:00 mm:ss
Met	93.8%	90.3%
90th %	05:03 mm:ss	09:59 mm:ss

Effective Response Force (ERF)

The minimum number of firefighters and equipment needed to combat a fire emergency. For residential fires in SCFD4, 16 firefighters are needed. For commercial fires, 22 firefighters is the minimum. The ERF includes the total time needed for the required number of units to arrive on scene.

Commercial Fire Responses



The small sample size (3) does not allow for a viable calculation of average times in this category.

Response Time Range – 3 calls total	
2 Urban	11:53 – 37:10* mm:ss
1 Suburban	11:39

* The increased response time on a single call was due to the incident initially being dispatched as a water flow alarm and then upgraded to a working fire during the investigation.



Residential Fire Responses

Response Time Range – 19 calls total	
3 Urban	10:04-12:57 mm:ss
16 Suburban	10:29-22:10 mm:ss

OPERATIONS

- ◆ Support/Logistics
- ◆ Fire
- ◆ EMS Highlights
- ◆ Special Operations
- ◆ Training

Support / Logistics

Fuel Pump

The new fuel pump is located at Headquarters Station (1525 Avenue D) and increases efficiency by allowing personnel to replace medical supplies while refueling. Since installing the fuel pump SCFD4 has seen a **33% decrease** in fuel costs.



Chaplains

SCFD4 has retained a volunteer chaplain on staff since 1985. Currently a cadre of four chaplains take turns responding to calls as requested, providing physical and emotional support. In 2019 an ambulance was converted into Support 43 to expand the services that could be

offered to residents and personnel during calls. The District is widely known now for its exemplary Chaplaincy Program that is called upon to work with neighboring fire districts as well as the SNO911 Dispatch Center, the County Sheriff's Office and the County Coroner's Office. SCFD4 Chaplains have also helped organize youth suicide prevention events (You Are Not Alone) and participated in the Oso Landslide remembrance ceremonies.

Fire

Wildland Urban Interface

Wildland Urban Interface (WUI) is the area where structures and other human development transition or intermingle with undeveloped wildlands or vegetative fuels. In 2022 FEMA reported that close to 99 million people (~1/3 of our population) now live in the WUI. SCFD4 is committed to combatting these fires and regularly highlights information in its newsletters that feature ways to improve the defensible space surrounding urban interface structures.



Wildfire Mobilizations

From June through August of 2023 SCFD4 participated in 8 mobilization efforts for the *Anvil, Bedrock, Dinner, Gray, Hover Road, Oregon, Toothaker* and *Tunnel Road* fires.



EMS Highlights

SCFD4 is dedicated to providing the highest quality care possible, which means continual training and education for our personnel. MSO Neil Broumley coordinated an EMS conference that was hosted at SCFD4 on September 23. There were over 75 attendees from King, Island, Skagit and Snohomish County fire departments.

SCFD4 also hosted a Mass Casualty Incident (MCI) Drill in October at the RLB (Ray Lee Brown) Training Center. There were over 80 participants from 21 different Fire, EMS and Police agencies, 2 hospitals, airlift Life Flight and Snohawk10, Snohomish Public Works and the Snohomish School District. It was the largest non-military MCI event in state history.

EMS CONFERENCE

September 23, 2023 0800 - 1700
1525 Avenue D
Snohomish, WA
Education Annex

Featured Speakers
scan QR code for biography info

 L. T. Arnold BSN, RN, CCRN, CFRN, C-NPT	 Matthew Beecroft MD, Clinical Instructor, SCFD4 Medical Director
 William Heuser PharmD, BCCCP, BCNSP MS, EMT-P, FP-C	 Ryan Keay MD, FACEP, MPD

Lunch provided by Zoll Medical, EMS – scan QR code
Elective Education Hours approved by MPD Ryan Keay
Vendors: Life Assist & Zoll Medical, EMS
Space is limited – Register early!

 Sponsored by Snohomish County Fire District #4



Special Operations

Water Rescue

SCFD4 has **7** personnel trained in water rescue techniques and responded to **7** rescue incidents in 2023.

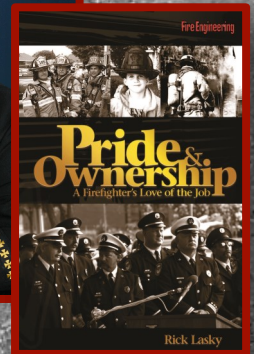


Rope Rescue

11 personnel have trained in rope rescue techniques this past year. This training will help with rescues from elevated and confined spaces in rural and urban settings.



Training



Pride & Ownership

SCFD4 and Snohomish County Training Officers were honored to facilitate a presentation by Chief Rick Lasky. This 40 year veteran shared his perspective on the fire department family and practical steps for supporting your work family with over 150 members of local fire districts.



Incident Management

Anthony Kastros, a 30+ year fire service veteran from Sacramento presented a workshop in October to local fire districts at the RLB. The focus was on effective initial scene operations with the use of control and command. This training also taught the prioritization of an aggressive initial fire attack to preserve civilian lives.

Shift Training In addition to special training events, SCFD4 personnel use weekly training to keep proficient with fire and EMS equipment and best practices.



PREVENTION & RISK REDUCTION

- ◆ Explorers
- ◆ Community Education
- ◆ Social Media
- ◆ Community

Partnerships

Explorer Post 444

The Explorer Post meets weekly for planning and training.

Ventures include:

- Cooking and serving at the monthly pancake feed at the Snohomish Senior Center.
- Set up and traffic assistance for *Kla Ha Ya Days*.
- Assisting with sports physicals at Snohomish High School.
- Participating in the annual muster with other Explorer Posts.



Generous donation to
Explorer Post 444 from the
Kla Ha Ya Days Festival
Committee, acknowledging
their service to the
Snohomish Community.



Community Education

SCFD4 values its interactions with district citizens of all ages. In 2023 we met with citizens an average of twice a week at special events. We may have seen you at one of them:

Battle of the Badges Food Drive, Bicycle Helmet Fittings, Birthday Parties, Coffee with the Chief, CPR Classes, Easter Parade, Farmer's Market evenings, Fire Safety Walk-Throughs, Firefighters at the Library, Football Games, Kla-Ha-Ya Days, Knox Box set-ups, National Night Out, Open Houses, Ride-Alongs, School Visits, Senior Saturday Pancake Breakfasts, Smoke Detector Checks, Sports Physicals, Start-with-Hello, Station Tours, Touch-A-Truck and Town Meeting Safety events.





We also interacted with you through these public services:

- 1
- 2
- 3
- 4

Clearly displayed addresses aid in rapid address location for emergency calls. We fulfilled an average of one order a month for these **\$12**



SCFD4 processed **151** burn permit applications & renewals



Our certified car seat technician met with **20** citizens to educate them on correct car seat installation in 2023.



9 electronic and **4 printed** newsletters were distributed.



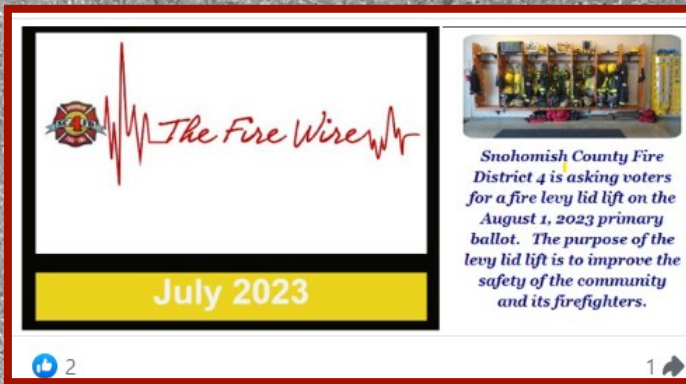
We processed **85** requests for public records.



Social Media



SCFD4 uses **Facebook**, **Nextdoor** and its website to connect with the community. **124** posts about safety, traffic updates, Board of Fire Commissioners meetings, local acts of heroism, burn bans, and public service announcements kept Fire District citizens informed.



Snohomish County Fire District #4
July 3, 2023

As we gear up to celebrate our nation's Day of Independence, please keep these fireworks safety questions and answers in mind.

Celebrate July FOURTH safely

Who do I call?
For firework and noise complaints, call the non-emergency number 425.407.3999
For an immediate threat to life or property, including a fire or injury, call 911

"My neighbor is lighting off fireworks."	Non-emergency 425.407.3999
"Someone is lighting off fireworks after midnight."	Non-emergency 425.407.3999
"My neighbors are having a party and lighting off fireworks in a banned area."	Non-emergency 425.407.3999



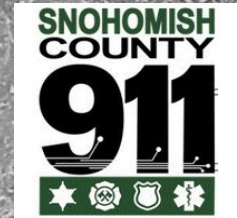
We update our webpage regularly and it can be used to find information about staff, district history, billing, commissioner meetings, records, and the community services we offer.



Community Partners

Every act of kindness is significant, and can shape the road to recovery for those affected by disasters.

We are deeply grateful for the generosity of the partners, donors and friends that join with us to improve our community.



Snohomish County Fire District 4 - 1525 Avenue D - Snohomish, WA 98290

360-568-2141

www.snohomishfire.org

APPENDIX A

Previous Years

Incident Data Summary

◆ 2022

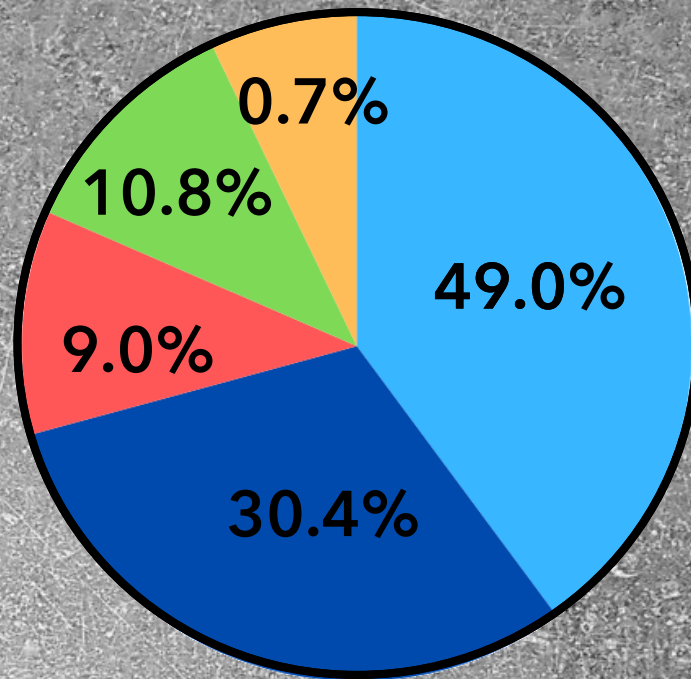
◆ 2021

2022 Data Summary

3854 Calls Total

Incident Type

- BLS calls
- ALS calls
- Fire calls
- Other calls
- BLS Service

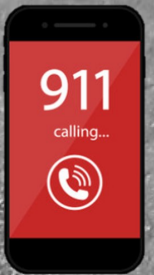


Mutual Aid

Agency	Received # of hours	Given # of hours	Net hours
SRFR	491	339	152
SCFR	59	3	56
Everett	68	10	58
SCFD #16	1	63	62
Other	14	52	38
TOTAL	670	467	203

Call Process Times: 95% of calls met objective

90% at or below **01:13 mm:ss**



Turn Out Times: 77.8% of calls met objective

90% at or below **02:28 mm:ss**

		Travel	Dispatch to Arrival	Total Response
Urban	Goal	04:00 mm:ss	06:00 mm:ss	08:00 mm:ss
	Met	69.9%	76.7%	87.7%
	90th %	05:38 mm:ss	07:39 mm:ss	08:38 mm:ss
Suburban	Goal	06:00 mm:ss	10:00 mm:ss	12:00 mm:ss
	Met	72.6%	76.4%	85.3%
	90th %	10:17 mm:ss	12:16 mm:ss	13:31 mm:ss

ALS	Urban Total Response	Suburban Total Response
Goal	06:00 mm:ss	10:00 mm:ss
Met	93.8%	100%
90th %	04:20 mm:ss	07:34 mm:ss

Effective Response Force (ERF)

The minimum number of firefighters and equipment needed to combat a fire emergency. For residential fires in SCFD4, 16 firefighters are needed. For commercial fires, 22 firefighters is the minimum. The ERF includes the total time needed for the required number of units to arrive on scene.



Commercial Fire Responses

# of calls	Response Time Range
0 TOTAL	No reportable incidents occurred.
Urban	N/A
Suburban	N/A



Residential Fire Responses

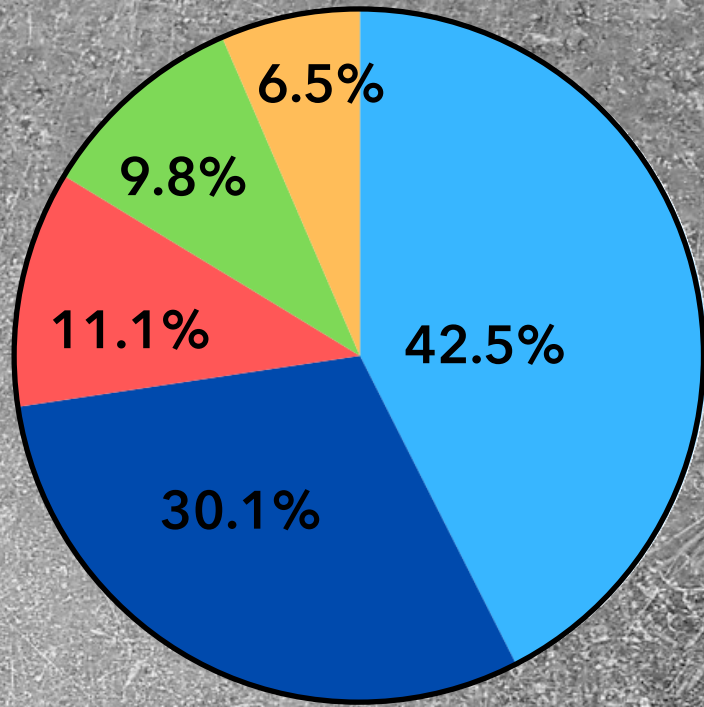
# of calls	Response Time Range
10 TOTAL	11:27-18:31 mm:ss
0 Urban	N/A
10 Suburban	11:27-18:31 mm:ss

2021 Data Summary

3558 Calls

Incident Type

- BLS calls
- ALS calls
- Fire calls
- Other calls
- BLS Service



Mutual Aid

Agency	Received # of hours	Given # of hours	Net hours
SRFR	522	342	180
SCFR	47	10	37
Everett	41	5	39
SCFD #16	<1	50	49
Other	45	46	1
TOTAL	665	453	212

Call Process Times: 82% of calls met objective

90% of calls at or below **01:47 mm:ss**



Turn Out Times: 70.3% of calls met objective

90% of calls at or below **02:46 mm:ss**

		Travel	Dispatch to Arrival	Total Response
Urban	Goal	04:00 mm:ss	06:00 mm:ss	08:00 mm:ss
	Met	63.6%	68.9%	76.8%
	90th %	06:13 mm:ss	08:15 mm:ss	09:46 mm:ss
Suburban	Goal	06:00 mm:ss	10:00 mm:ss	12:00 mm:ss
	Met	70.7%	72.1%	77.6%
	90th %	10:50 mm:ss	12:53 mm:ss	14:40 mm:ss

ALS	Urban Total Response	Suburban Total Response
Goal	06:00 mm:ss	10:00 mm:ss
Met	99.9%	93.2%
90th %	04:25 mm:ss	08:59 mm:ss

Effective Response Force (ERF)

The minimum number of firefighters and equipment needed to combat a fire emergency. For residential fires in SCFD4, 16 firefighters are needed. For commercial fires, 22 firefighters is the minimum. The ERF includes the total time needed for the required number of units to arrive on scene.



Commercial Fire Responses*

* The small data pool for these categories may not accurately represent average response times.

# of calls	Response Time Range
3* TOTAL	16:27–20:36 mm:ss
3 Urban	16:27–20:36 mm:ss
0 Suburban	N/A



Residential Fire Responses*

# of calls	Response Time Range
7 TOTAL	11:35–26:10 mm:ss
2 Urban	11:54 –16:37 mm:ss
5 Suburban	11:35-26:10 mm:ss

APPENDIX B

Station Design Impact on Turnout Times

Station Design and Turnout Times

Station 43 at 1525 Avenue D is an example of the impact station design can have on turnout times. This two-story station was designed with living quarters on the second floor above the fire apparatus. Having apparatus on a separate floor, increases the time it takes firefighters to reach the apparatus and exit the station. The station also does not meet current standards for earthquake-resistant structures. With the approval of the General Fund Levy at the end of 2023 and the recent approval of the Capital Facilities Plan, the District has started the process of replacing stations with more efficient designs. The layout, size, and technology features of future stations will not only reduce turnout time, but also allow for increased staffing and apparatus housing and provide greater safety and resilience for firefighters.

Improvements are planned for all three district stations. Construction of the new Station 41 will begin in early 2025. Improvements for all three stations should be complete in 2029. The District will continue to make adaptations at existing stations until the new facilities come online. Progress on these projects can be followed on our website:



<https://www.snohomishfire.org/>