



HILTON HEAD ISLAND FIRE RESCUE ANNUAL REPORT

2022







Message from the Chief



On behalf of all the members of Fire Rescue, I am pleased to present the Hilton Head Island Fire Rescue 2022 Annual Report.

I would like to start by thanking Fire Chief Brad Tadlock for his almost thirty-five years of service to Fire Rescue. Chief Tadlock retired in September of 2022 leaving behind a legacy that we will strive to live up to in the future. We thank him for the groundwork that he has laid and will build upon that as we move forward.

As I reflected on the past year, I am excited for all the things that we accomplished.

Our department responded to 9,589 calls for service, which is the most in department history surpassing last year's record by 899 calls.

More of our annual highlights and accomplishments are shared throughout the pages of this annual report, which is created to raise awareness about what our team does throughout the year and how we operate.

I want to thank all the amazing members of Fire Rescue for their dedicated service in 2022. It was another trying year and it is because of their dedication that we accomplished so many initiatives.

I also wish to acknowledge the appreciation all the department members have for the widespread support from the community, Town Council, and Town Staff.

We look forward to serving the community with pride into the future.

Chris Blankenship, Fire Chief

2022

Our Department

<p>Total Employees</p> <p>146</p>	<p>Senior Chiefs</p> <p>6</p>	<p>Line Firefighters</p> <p>108</p>
<p>Coverage Crew Firefighters</p> <p>3</p>	<p>Administrative Captains</p> <p>2</p>	<p>E911 Communications</p> <p>14</p>
<p>Emergency Manager</p> <p>1</p>	<p>Fleet Maintenance</p> <p>3</p>	<p>Inspectors</p> <p>3</p>
<p>Life Safety Educator</p> <p>1</p>	<p>Business Coordinator</p> <p>1</p>	<p>Admin Assts.</p> <p>4</p>

Years Of Service

<p>28%</p> <p>5 Years or less</p>	<p>27%</p> <p>5 - 10 Years</p>	<p>18%</p> <p>10 - 15 years</p>
<p>12%</p> <p>15 - 20 Years</p>	<p>10%</p> <p>20 - 25 Years</p>	<p>10%</p> <p>25 + Years</p>

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OUR VISION

To strive for excellence in all that we do!



OUR MISSION

We are committed to serving our citizens and visitors by preserving life, protecting property, and conserving the environment.



OUR CORE VALUES

To serve our community through:

COMPASSION

INTEGRITY

PROFESSIONALISM

DIVERSITY



Stations & Facilities



1968
Total Incidents

Station 1

Fire Incidents 517
EMS Incidents 1451

- One 103' Quint
- One Medic
- Urban Search & Rescue Unit
- One Company Officer
- Four Firefighters per shift

 70 Cordillo Parkway - Shipyard



Station 2

Fire Incidents 266
EMS Incidents 668

- One Engine
- One Medic
- One Company Officer
- Three Firefighters per shift

 65 Lighthouse Road - Sea Pines



Stations & Facilities



1079
Total Incidents

Station 3

Fire Incidents 306
EMS Incidents 773

- One Engine
- One Medic
- Brush Unit
- Utility/Air Supply Unit
- One Company Officer
- Three Firefighters per shift

534 William Hilton Parkway - Port Royal



1463
Total Incidents

Station 4

Fire Incidents 299
EMS Incidents 1164

- One Engine
- One Medic
- Reserve Engine & Medic
- One Company Officer
- Three Firefighters per shift

400 Squire Pope Road
Back Gate of Hilton Head Plantation



1939
Total Incidents

Station 5

Fire Incidents 351
EMS Incidents 1588

- One 103' Quint
- One Medic
- Reserve Ladder Truck
- One Company Officer
- Four Firefighters per shift

20 Whooping Crane Way
Front Gate of Hilton Head Plantation



Stations & Facilities




965
Total Incidents

Station 6

Fire Incidents 294
EMS Incidents 671

- One 110' aerial TDA
- One Engine
- One Medic unit
- Hazardous Materials Response unit
- Two Company Officers
- Six Firefighters per shift

 12 Dalmatian Lane - Palmetto Dunes Resort



1234
Total Incidents

Station 7

Fire Incidents 391
EMS Incidents 843

- One Command Vehicle
- One Engine
- One Medic
- Reserve Engine & Medic
- Battalion Chief
- One Company Officer
- Three Firefighters per shift

 1001 Marshland Road - Near Cross Island



Fire Rescue Training Facility

- Provides for Live Fire Operations
- Vehicle Extrication
- Water Supply Training
- Driving Skills Lessons
- Coverage Company -Weekdays
 - 1 Company Officer
 - 2 Firefighters

 75 Dillon Road
5



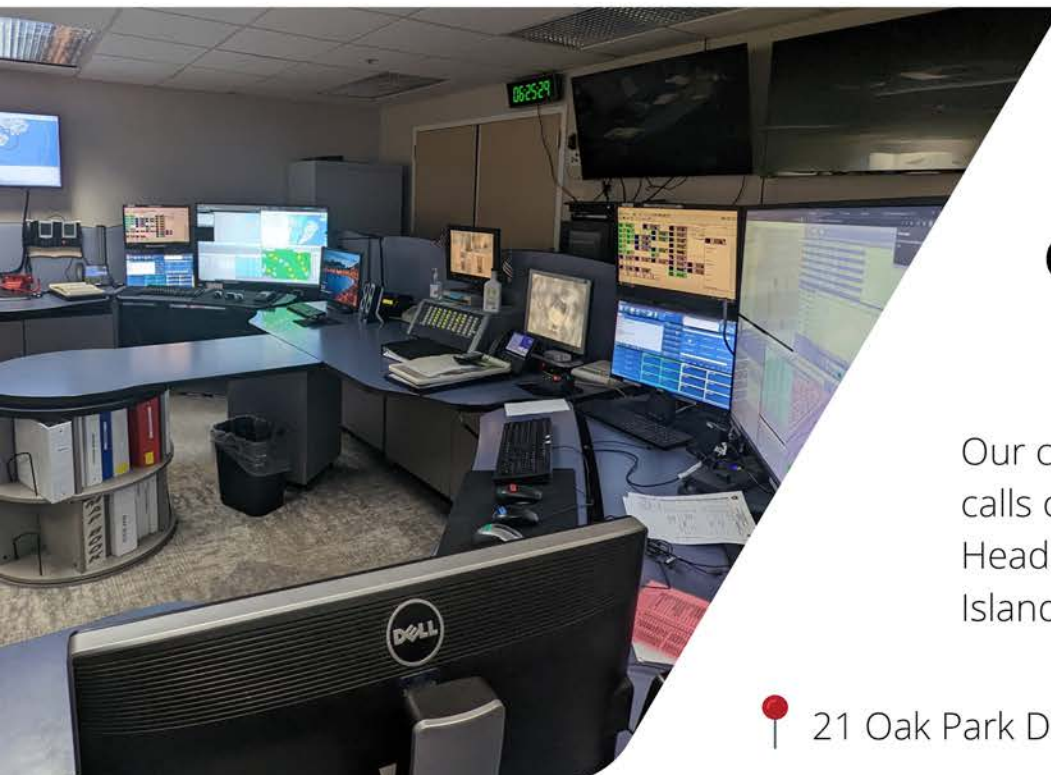
Stations & Facilities



Fire Rescue Headquarters

All Administrative staff as well as the department's maintenance facility are housed at this location. The Building was dedicated in 2001.

40 Summit Drive - Near Hilton Head Island Airport/ Recycle Center



E911 Communications Center

Our center handles all 911 calls originating on Hilton Head Island and Daufuskie Island.

21 Oak Park Drive - Near Port Royal Plaza



Response Apparatus

FIRE ENGINES

PUMPERS

Provides up to 1500 gallons of water per minute (GPM).

AERIAL (QUINT)

- Fire Pump
- Water Tank
- Fire Hose
- 103-Foot Aerial Ladder
- Specified Number Of Ground Ladders



TRACTOR-DRAWN AERIAL

LADDER TRUCK

With drivers at each end, the Tiller is highly maneuverable, which is important for navigating Hilton Head Island's tight road network.



MEDIC UNITS

AMBULANCE

Fire Rescue's medic units are a standardized fleet of advanced life support vehicles. All stations have a medic unit assigned with the engine company.

All 10 ambulances were replaced with a new model in 2019.





Response Apparatus

BATTALION 1 OPERATIONS COMMAND VEHICLE

2019 Ford F-250 with Incident Command Package.
The on-duty Battalion Chief is assigned to this vehicle. They respond to all fires, Motor Vehicle Crashes, Cardiac Arrests and any other significant event.



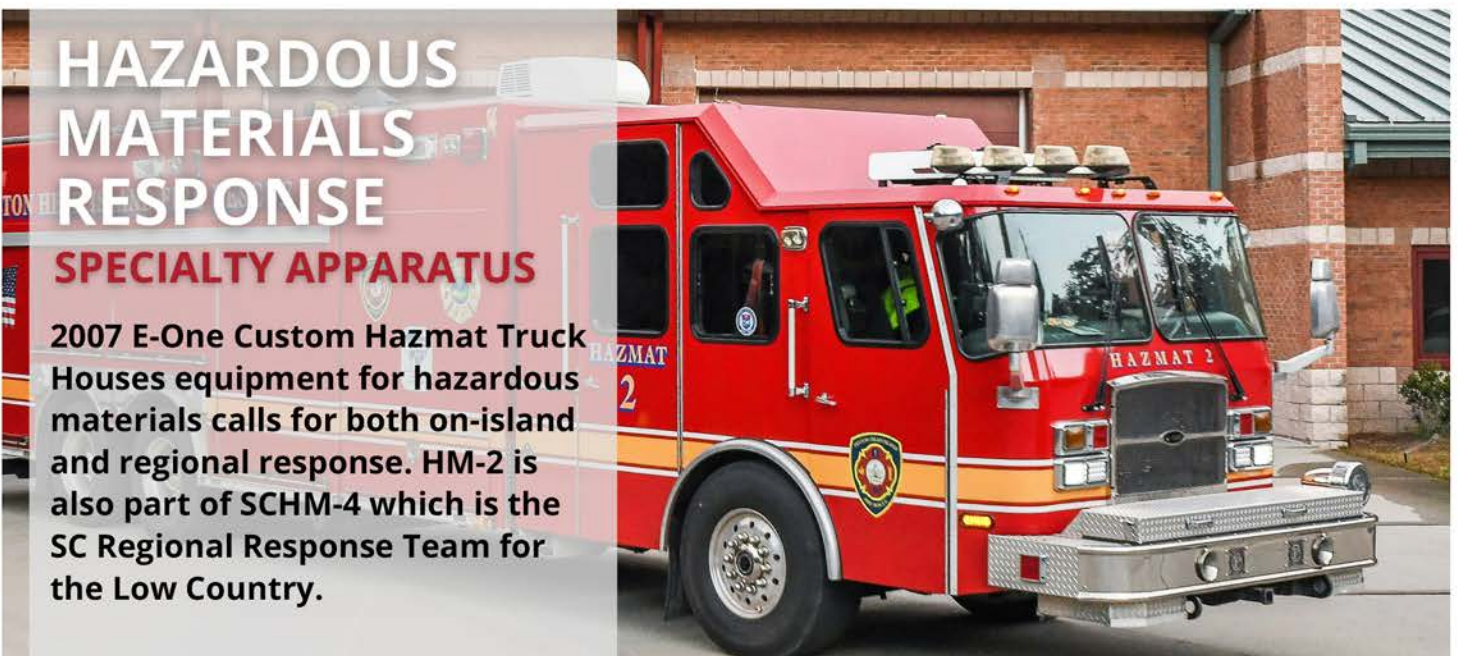
URBAN SEARCH AND RESCUE SPECIALTY APPARATUS

2008 Spartan Custom Tractor Trailer Heavy Rescue
Houses equipment for Urban Search and Rescue calls for both on-island and regional response. R-1 is also part of SCTF-4 which is the SC Regional Response Team for the Low Country.



HAZARDOUS MATERIALS RESPONSE SPECIALTY APPARATUS

2007 E-One Custom Hazmat Truck
Houses equipment for hazardous materials calls for both on-island and regional response. HM-2 is also part of SCHM-4 which is the SC Regional Response Team for the Low Country.





OPERATIONS

9589 Total Incidents

EMS
7,160

Fire
2,232

HazMat
47

Rescue
150



26 Average Incidents Per Day

Busiest Day
SAT

Busiest Month
JUL

Busiest Medic
Medic 5

Busiest Engine
Engine 5

Top 3 Busiest days

4/02/22
54 Incidents

9/24/22
54 Incidents

10/08/22
53 Incidents



Total Property Saved

\$86,494,385

Total Property Lost

\$5,210,477



OPERATIONS



Structure Fires

46

Fires within a structure

25

Confined to object of origin

12

Confined to room of origin

1

Confined to floor of origin

8

Confined to building of origin

3

Fire Injuries

1

Fire Deaths



Frequent Responses

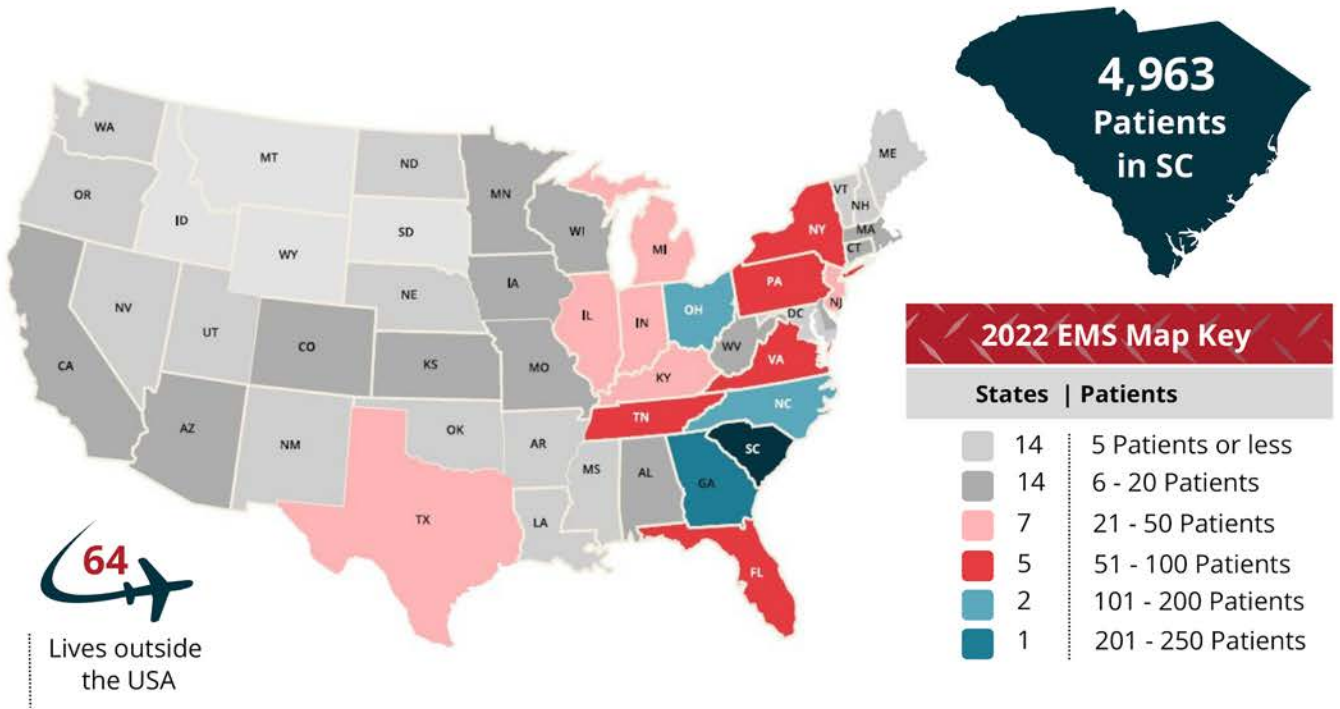
Address | Number of Responses

- | | |
|--------------------------|------------|
| 1. 300 Woodhaven Drive | 292 |
| 2. 421 Squire Pope Road | 273 |
| 3. 110 Gardner Drive | 142 |
| 4. 801 Lemon Grass Court | 135 |
| 5. 120 Lamotte Drive | 134 |

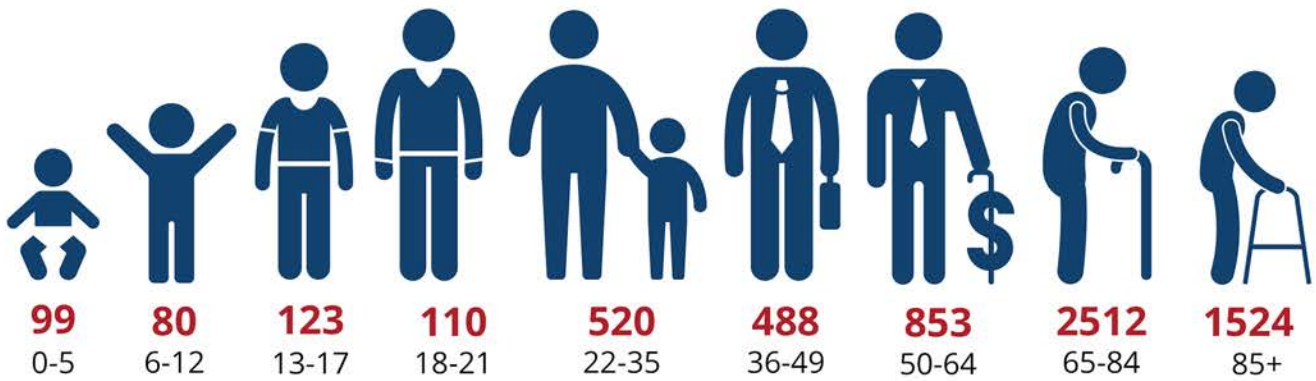


Emergency Medical Service

Which States Are Patients From?



EMS Patients Per Age Group



Total Number Of 2022 EMS Calls Male Vs Female



4

Cardiac Arrest Survivors

Top 3 Primary Impressions

- 242 - General Weakness
- 235 - Injury of Head
- 162 - Syncope/Fainting



Emergency Medical Service



Personnel completed High Performance CPR refresher

EMS Net Revenue Collected
\$2,151,280

EMS Training

22 Paramedics completed Advanced Cardiac Life Support Refresher



New Hires completed Basic EMT



Completed Paramedic School







Safety & Professional Development



36,974

Total Training Hours



Training



21,531 Total Fire Training Hours

2,488 Hours Trained At Our Training Center



15,443

Total Medical Training Hours

Promotional Exams

5 Candidates participated in Senior Firefighter Promotional Process

7 Candidates participated in Fire Apparatus Operator Promotional Process



Line Personnel Hired



Went To The Fire Academy

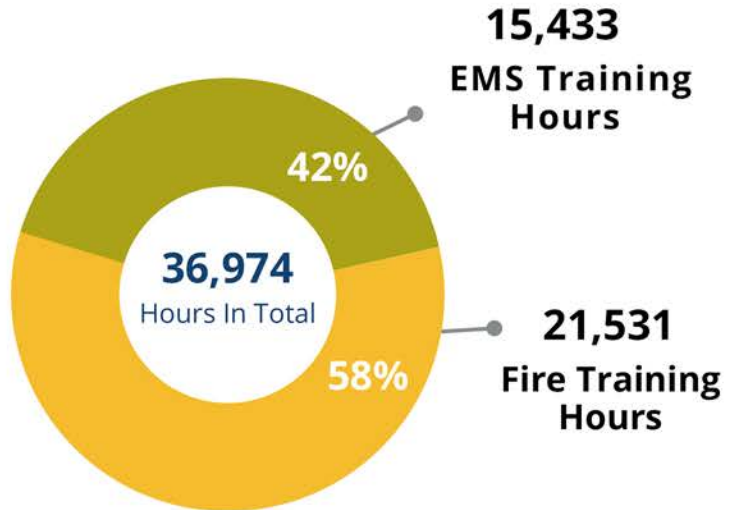


Were Hired Certified

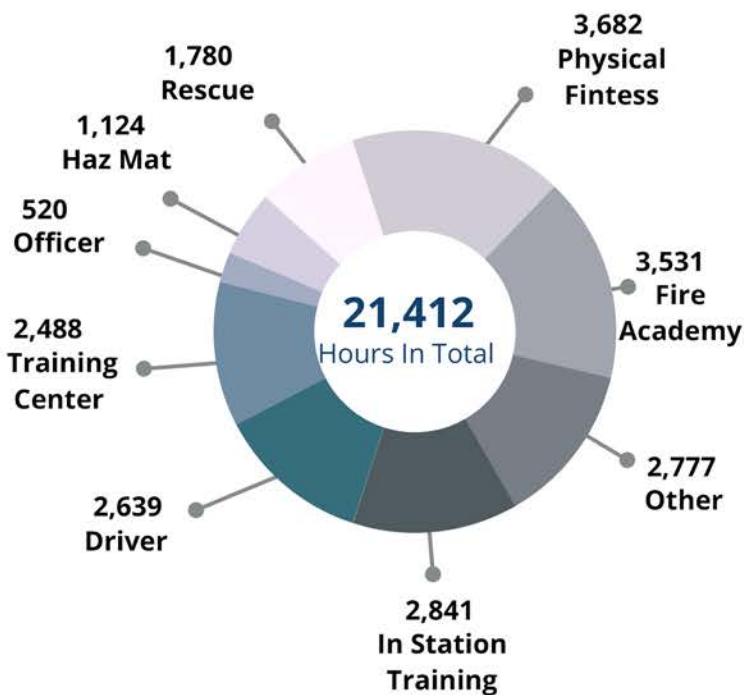
Safety & Professional Development



Total Training Hours



Total Company Training





SPECIAL OPERATIONS

Technical Rescue Team

Deployment Timeline in 2022 :

April 5 & 6
Allendale Tornado



August 29
Bluffton (missing person search)



August 12
Jasper County Church Fire



October 7
Sheldon (missing person search)



Other Notable Accomplishments

- New R1 trailer placed in service
- New flatbed truck placed in service
- Received \$45,000 in Homeland Security Grant Funding
- Received \$1,000,000 in one time sustainment funding from State of South Carolina
- Conducted an annual Readiness Exercise in February

47

Current Members

11

Monthly Training Sessions





SPECIAL OPERATIONS

Technical Rescue Team

Specialty Training



Obtained Swift Water Rescue Technician

6



Attended Logistics Section Chief Class

2



Attended 80 hour Collapse Technician Class

2



Attended Planning Section Chief Class

2



Attended Floodwater Boat Operations Class

9

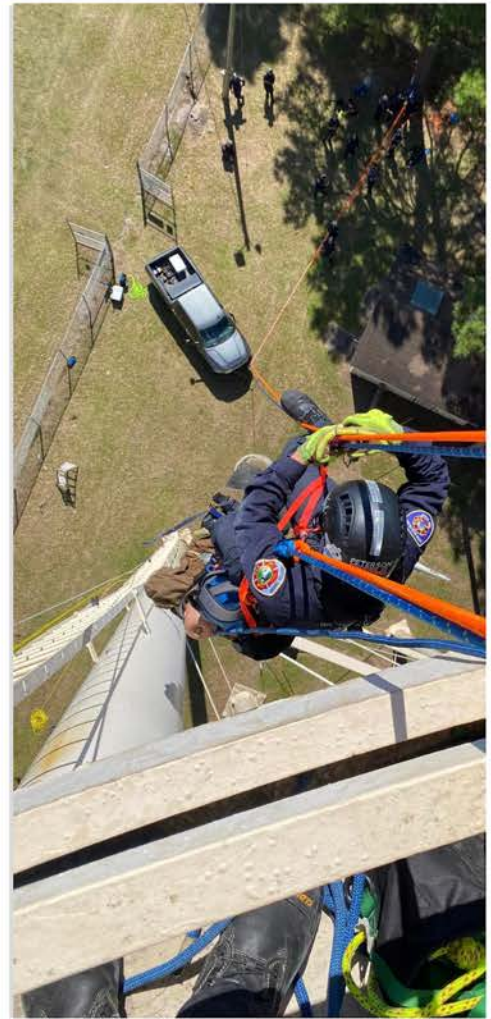


State Urban Search & Rescue Alliance Conference

4



Advanced vehicle extrication training in Savannah in March





SPECIAL OPERATIONS

Hazardous Materials Team

42
Current
Members

47
Hazardous Materials
Related Incidents

Handled by on duty crews at the Hazmat Operations and Hazmat Technician level

Hazmat 2 response required on 2 incidents

Training Sessions

11 Monthly Training Sessions

722 Total personnel hours of training



Specialty Training

- PEAC WMD Software Class
- PER - 220 Domestic Response to Biological Incidents
- DOE Radiation Mitigation Training

Other Notable Accomplishments

- New Blackline Safety air monitors purchased
- Operational readiness exercise completed
- New pipe leak tree purchased



911 Communications



67,575

Total Incoming Telephone Calls



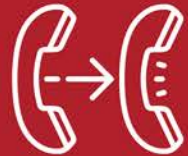
30,750

911 Calls



495

Total Telecommunicator Training Hours



13,278

Calls Transferred To Other 911 Centers



Saturday

Busiest Day Of The Week



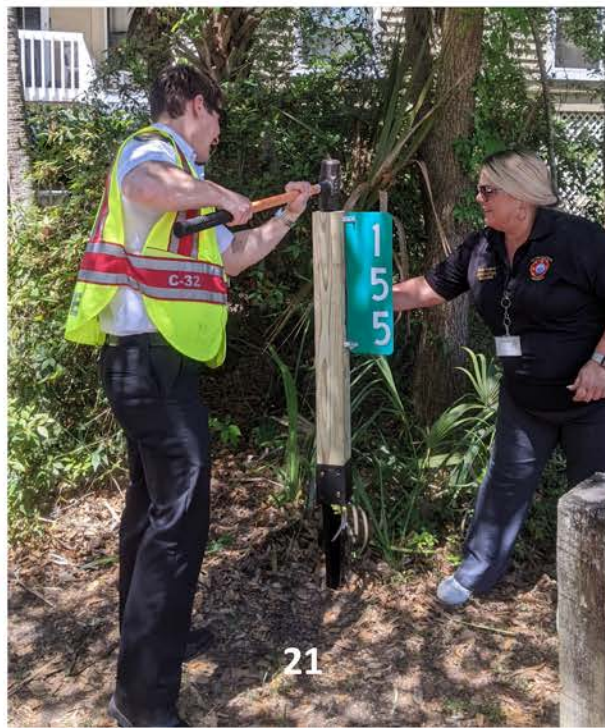
14:00 - 15:00

(2:00 pm - 3:00 pm) Busiest Time Of Day



July

Busiest Month Of The Year



Bureau of Fire Prevention



3433

Fire Inspections



2800

Violations Found



2057

Violations Corrected



633

New Construction
Inspections



343

Plan Reviews



454

CPR/AED Students



231

Fire In The
Streets/After The Fire
Homes Visited



192

Smoke Alarm
Installs



88

Car Seat Installs



22

Fire Investigations



25

Risk Watch Child
Injury Prevention



2979

Hydrant
Inspections





Emergency Mangement

Major Events In 2022:



March

St Patricks Day Parade



June

Tsunami Exercise



November

Tropical Storm Nicole



December

Christmas Day Freeze



April

RBC Heritage



September

Tropical Storm Ian



November

Concours



December

Submitted Emergency Management Accreditation Program Self Assessment



10 presentations with 450 participants
1000 - Emergency Preparedness Guides distributed



Emergency Mangement

Throughout 2022 There Were:



Tropical

- 2- Tropical Storm Watch
- 2 - Tropical Storm Warning
- 1 - Hurricane Watch
- 1 - Hurricane Warning
- 2 - Storm Surge Watch
- 1 - Storm Surge Warning



Coastal Hazards

- 10- Coastal Flood Advisory
- 4- Rip Current Statement
- 5- High Surf Advisory
- 0- Coastal Flood Watch
- 0- Coastal Flood Warning
- 3- Coastal Flood Statement



Non Precipitation

- 3 - Dense Fog Advisory
- 2 - Frost Advisory
- 4 - Heat Advisory
- 0 - Excessive Heat Watch
- 0 - Excessive Heat Warning
- 0 - Freeze Watch
- 1 - Freeze Warning
- 5 - Wind Advisory
- 0 - High Wind Watch



Convection

- 8 - Flood Advisory
- 3 - Severe T-storm Watch
- 4 - Severe T-storm Warning
- 7 - Tornado Watch
- 0 - Tornado Warning
- 2 - Flood Warning



Tsunami

- 0 - Tsunami Watch
- 0 - Tsunami Warning
- 0 - Tsunami Advisory



Rivers/Hydro/ Fire/Air Quality

- 3 - Flash Flood Watch
- 1 - Fire Weather Watch
- 1 - Red Flag Warning

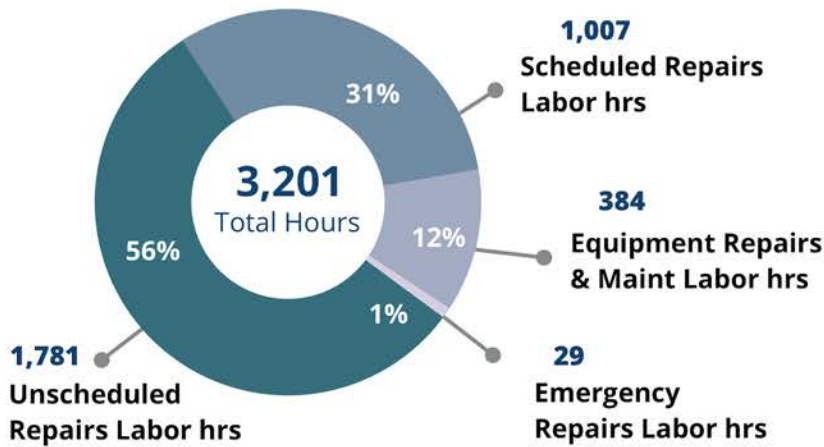


Data provided from National Weather Service.



Fleet Maintenance

Annual Fleet Maintenance Labor Hours

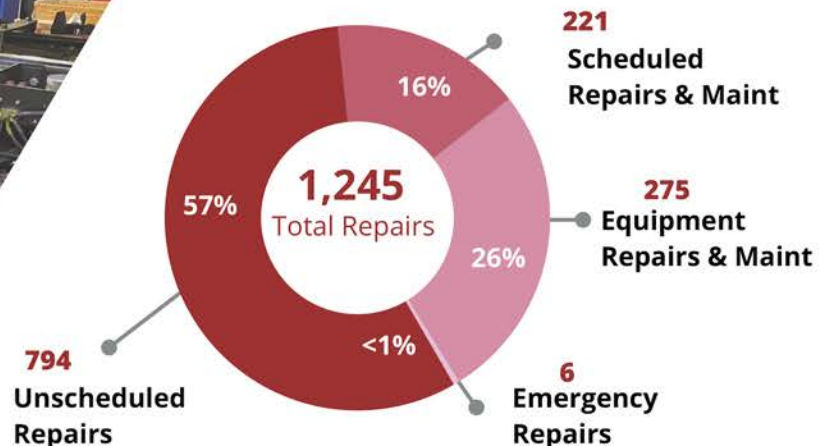


Town of Hilton Head Island Fleet

Fire Rescue - 58
 Town Staff - 50
 Other/Equip - 50



Annual Fleet Maintenance Repairs





2022 ACCOMPLISHMENTS



Hilton Head Island Fire Rescue recognized again as a Fire Safe SC Community by the SC Fire Marshal's Office for our commitment to an all-hazards Community Risk Reduction program.



Completed comprehensive audit of community use AEDs to ensure they are accessible and registered as part of PulsePoint Respond.



Formalized and documented a repeatable after-action review process that captures strengths and opportunities for improvement utilizing Microsoft Teams and power applications.



Collaborated with an Eagle Scout to install Flag Retirement drop off boxes at two fire stations and Headquarters



Held annual meetings with our public/private partners that included utilities, gated communities, security, and healthcare facilities. Emergency Management continues to work on building relationships with our community partners.



Launched the Fire Rescue Facebook page.



Restructured the comprehensive training program to better serve the needs of the department's firefighters.



Added 7,000 non-inspectable multi-family properties to our Records Management System to more accurately document potential risk.



Implemented minimum NIMS training for all Town staff (ICS 100 and 700).



Hired personnel to fill all vacancies of line/operations personnel, a Communications Manager, 5 full-time Dispatchers, and 3 part-time Dispatchers.

