



CITY OF NAPLES FIRE-RESCUE DEPARTMENT Quarterly Reports

Fiscal Year 2020 – 2021
4th Quarter Report

Mission Statement

The City of Naples Fire-Rescue Department was established to provide professional fire and rescue services needed to secure, sustain, and bolster the quality of life in Naples. We are responsive to the needs of our citizens and provide rapid, compassionate, and professional services essential to the health, safety, and well-being of our community. Personnel shall demonstrate exceptional ethics and work seamlessly to achieve public safety excellence.

Department Description

The City of Naples Fire-Rescue Department serves a total area of 16.45 square miles and a permanent population of 21,948 residents (2017), which increases significantly during the peak winter months. The Fire-Rescue Department fulfills its commitment to the community with three Fire Stations which are strategically located within the City to provide prompt fire rescue service.

Fire-Rescue Department's scope of responsibilities includes fire suppression, Advance Life Support, rescue operations, aircraft firefighting, marine search and rescue, hazardous materials response, environmental mitigation and technical rescue responses. The department also provides fire investigation support and fire prevention, community outreach programs and emergency management operations. All of these functions are all handled by the Naples Fire-Rescue Department which is recognized as an ISO Class 1 Department.

2020 - 2021 Departmental Goals and Objectives

As part of Vision Goal #3 (Maintain and enhance public safety) ensure the Naples community the most effective response to calls for service.

- *Develop specifications for a new engine company and staff vehicle that will serve the City of Naples community by analyzing the equipment, water supply and pump capacity needs. Submit the specification for an open bid and purchase a new fire*



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apparatus that will ensure effective and proficient long-term operations within the City of Naples.

Fire-Rescue created an Apparatus Replacement Committee to develop specifications for the fire apparatus required to deliver high levels of service to the community. The specifications for the engine company were accomplished and the team was then charged with researching vendors. There is a need to understanding the requirement for a uniformed fleet, long term usage, ease of use for personnel and costs. The team recommended Pierce Manufacturing Inc. for the vendor. Pierce Manufacturing Inc. was chosen for all the above factors plus extremely high quality and long usage life. Fire-Rescue worked with Equipment Services and the Purchasing Division and were able to use cooperative purchasing and receive a 5.5% discount. The Contract for Purchase Order was approved by City Council and full drawings were produced by Pierce. The team traveled to Pierce Manufacturer to finalize the specifications and vehicle prior to the start of construction. The custom engine is currently on the construction line with an anticipated completion date in November 2021.

The staff vehicle has been specified and the upfit has been created. The purchase order for the vehicle was sent to Ford. The vehicle has been delivered and is now being prepared to be sent for upfitting, graphics and radios. Fire-Rescue should take possession of the vehicle near the end of October.

- *Work to provide the highest level of communications and connectivity with fire stations by exploring options for dispatch and incident monitoring at Fire Station No. 3.*

Fire-Rescue and Technology Services worked to complete the capital project of running fiber optics to the new fire station. Fire-Rescue is currently looking at options to advance the connectivity to the Collier County Sheriff's Office Dispatch Center and to the Air Traffic Controllers that provide information to Fire-Rescue personnel responding to incidents on Naples Airport property. Additionally, staff is exploring the possibility of Locution software to assist with redundancy of communications. Additional work on cost has proven that the Locution project is extremely expensive and does not meet budgetary plans. Fire-Rescue will re-evaluate and readdress next year. This goal is complete.



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As part of Vision Goal #4 (Strengthen the economic health and vitality of the City) administer and deploy human and material resources within authorized budgets, operations, plans and programs to enhance the service provided by the Fire-Rescue Department.

- *Continue to follow National Standards and deploy necessary Self-Contained Breathing Apparatus (SCBA) and cylinders to provide high levels of protection for firefighters, allowing them to operate within Immediate Danger to Life and Health (IDLH) atmospheres and safely provide the level of service expected.*

Self-Contained Breathing Apparatus (SCBA) are used by firefighters in atmospheres that are immediately dangerous to life or health (IDLH). All Naples Fire-Rescue personnel assigned to fire operations are required to use SCBA in any atmosphere that can be hazardous or life-threatening including firefighting, rescue, hazardous materials, terrorist incidents, confined space operations and similar operations. Guidelines for use of SCBA is found in National Fire Protection Agency (NFPA) 1981. This standard specifies minimum requirements for design, performance, testing and certification of the SCBA. This is accomplished to minimize potential dangers of fire and other risks. Fire-Rescue is currently in the second year of a 2-year phased in project to meet NFPA standards. Personnel received multiple quotes and the purchase order for 31 new 45-minute SCBA cylinders. The order was completed, and the new cylinders were placed in service in March. This goal is complete.

- *Continue the personal protective bunker gear replacement program. Procure via purchasing protocol personal protective gear to provide a higher level of firefighter protection and cancer prevention for all personnel entering dangerous areas.*

Fire-Rescue researched and implemented a Bunker Gear Replacement Program that provides a higher level of safety and protection for firefighters. The current practice provides for the purchase of 3 to 5 sets of gear per year plus repairs. These funds were normally from the operating budget and usually range from \$20k to \$25k annually. NFPA 1851 requires that fire-rescue departments remove bunker gear from service that has a manufacture date more than 10 years old. Gear subject to this requirement includes garments, hoods, gloves, boots and helmets. This maximum service life is required for normal structural turnout gear, regardless of its condition. The purchasing of personal protective gear in this fashion and



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adopting this program will save money and provide a higher level of cancer prevention and protection from gear contamination. Personnel developed specifications, researched vendors and costs for the program. A cooperative purchasing agreement has been used to provide even further price reductions. The Bunker Gear Replacement Program is currently replacing 20 sets of PPE. This goal is complete.

As part of Vision Goal #5 (Maintain and enhance governance capacity for public service and leadership) provide the Naples community, its residents, workers, and visitors high quality fire protection, medical rescue, and emergency preparedness services.

- *Develop and promote programs that improve and enhance the community outreach initiatives.*

Fire-Rescue has organized a team of personnel to focus on this goal and devise avenues to move this initiative forward. The team has reached out to the community and other stakeholders in an effort to ensure the programs developed meet the needs of our City, the agency and the community. The initial program brought to Fire-Rescue management staff is the Community Emergency Response Team (CERT). These CERT teams are established to have citizens participate post emergency with the incident command team in response efforts that fit the capabilities of the civilian team. Staff has placed a Lieutenant in charge of CERT team creation and organization. The informational and the sign-up paperwork has been created and we have an anticipation that the sign-up process can start by the end of November, and the classes can start by December. Once a formal plan is organized, the department will be advertising to the community for membership.

- *Provide additional mediums of social media to allow the community to connect with the Fire-Rescue Department. This will enable the community and Fire-Rescue Department to engage each with other and work seamlessly to achieve the goals of the community.*

Fire-Rescue will be researching different areas of mediums to connect, contact and communicate with the citizens of the City of Naples. We currently use Facebook, Instagram and have our Fire Department app. The initial thoughts of expansion are to add different social media platforms such as Twitter.



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NAPLES FIRE-RESCUE ANNUAL INCIDENT REPORT

| Calendar Year 2021 Incident Report Totals | 1Qtr 2021 | 2Qtr 2021 | 3Qtr 2021 | 4Qtr 2021 | Totals 2021 |
|---|------------------|--------------------|-----------------|------------|--------------------|
| Fires | | | | | |
| Building or other Structure Fire (111,112) | 6 | 5 | 6 | | 17 |
| Cooking Fire, confined to container (113) | 4 | 3 | 2 | | 9 |
| Trash or rubbish fire, contained (118) | 0 | 0 | 1 | | 1 |
| Fire in mobile prop. used as fixed structure (120) | 0 | 0 | 0 | | 0 |
| Motorhome or Camper Fire (122) | 0 | 0 | 0 | | 0 |
| Passenger vehicle fire (130, 131) | 1 | 2 | 3 | | 6 |
| Road freight or transport vehicle fire (132) | 0 | 0 | 0 | | 0 |
| Water vehicle fire (134) | 0 | 0 | 1 | | 1 |
| Aircraft Fire (135) | 0 | 0 | 0 | | 0 |
| Natural Vegetation fire, other (140) | 3 | 2 | 0 | | 5 |
| Brush or Wildland Fire (141) | 1 | 3 | 0 | | 4 |
| Median Fire (142) | 7 | 6 | 2 | | 15 |
| Grass fire (143) | 0 | 1 | 0 | | 1 |
| Outside rubbish, trash or waste fire (151) | 2 | 2 | 0 | | 4 |
| Dumpster of other outside trash receptable fire (154) | 4 | 1 | 1 | | 6 |
| Outside stationary compactor/compacted trash fire (155) | 2 | 0 | 0 | | 2 |
| Special outside fire (160) | 0 | 2 | 1 | | 3 |
| Outside equipment fire (162) | 0 | 1 | 1 | | 2 |
| Outside gas/vapor explosion without sustained fire (163) | 0 | 2 | 0 | | 2 |
| Total Fires | 30 | 30 | 18 | 0 | 78 |
| Contents Lost Total Fire | \$13,850 | \$1,573,425 | \$7,600 | | \$1,594,875 |
| Property Lost Total Fire | \$900,000 | \$39,600 | \$30,000 | | \$969,600 |
| Contents Lost Total Non-Fire | | | | | \$0 |
| Property Lost Total Non-Fire | | | | | \$0 |
| Total Lost | \$913,850 | \$1,613,025 | \$37,600 | \$0 | \$2,564,475 |
| Rescues & Emergency Medical Service | | | | | |
| Rescues, EMS incident, other (300) | 194 | 191 | 153 | | 538 |
| Medical Assist, Assist EMS crew (311) | 201 | 194 | 177 | | 572 |
| Influenza Exposure standby protocol (3111) | 59 | 16 | 101 | | 176 |
| Emergency medical service, other (320) | 3 | 0 | 8 | | 11 |
| EMS Call excluding Vehicle Accident with injury (321) | 559 | 506 | 366 | | 1431 |
| Vehicle Accidents (322, 323, 324) | 85 | 81 | 57 | | 223 |
| EMS Call - Subject left scene prior to FD arrival (6612) | 4 | 2 | 1 | | 7 |
| Watercraft accident with injuries (3222) | 0 | 0 | 0 | | 0 |
| Watercraft accident with no injuries (3242) | 1 | 0 | 1 | | 2 |
| Alert 3-Aircraft accident with injuries (3221) | 0 | 0 | 0 | | 0 |
| Alert 3-Aircraft accident with no injuries (3241) | 2 | 0 | 1 | | 3 |
| Lock in (331) | 1 | 3 | 2 | | 6 |
| Search for person on land (341) | 0 | 0 | 1 | | 1 |
| Search for person in water (342) | 0 | 2 | 1 | | 3 |
| Extrication of victims from a building or structure (351) | 0 | 0 | 0 | | 0 |
| Extrication of victim(s) from vehicle (352) | 0 | 0 | 0 | | 0 |
| Removal of victim from stalled elevator (353) | 19 | 29 | 15 | | 63 |
| High Angle Rescue (356) | 1 | 0 | 0 | | 1 |
| Extrication of victim from machinery (357) | 2 | 0 | 0 | | 2 |
| Water, Surf, Watercraft rescues (360, 361, 364, 365) | 3 | 6 | 3 | | 12 |
| Rescue or EMS standby (381) | 58 | 9 | 10 | | 77 |
| Total Medical Rescues | 1,192 | 1039 | 897 | | 3128 |
| Patient Contacts | 913 | 817 | | | 1730 |
| Fire Service Incidents | | | | | |
| Explosion, no fire (240) | 0 | 1 | 2 | | 3 |
| Excessive heat scorch burns w/no ignition (251) | 1 | 1 | 3 | | 5 |
| Hazardous Conditions (400 series) | 35 | 44 | 34 | | 113 |
| Alert 1-Aircraft standby (4621) | 1 | 6 | 1 | | 8 |
| Alert 2-Aircraft standby (4622) | 2 | 2 | 1 | | 5 |
| Alert 5-Aircraft drill (4625) | 4 | 3 | 2 | | 9 |
| Alert 6-Disabled Aircraft (4626) | 1 | 0 | 0 | | 1 |
| Service Calls (500 series) | 160 | 163 | 141 | | 464 |
| Fire drill - Schools (5511) | 2 | 0 | 0 | | 2 |
| Car seat installation (5531) | 2 | 2 | 0 | | 4 |
| Good Intent Calls (600 Series) | 219 | 275 | 210 | | 704 |
| Ceremonial Flag burning (6321) | 4 | 3 | 1 | | 8 |
| Fire Alarms/False Medical Alarms (700, 7401, 7451 series) | 198 | 224 | 244 | | 666 |
| Severe Weather / Lighting Strike (800 series) | 0 | 1 | 1 | | 2 |
| Sub Total Fire Service Incidents | 629 | 725 | 640 | | 1994 |
| Mutual Aid / Dropped Incidents | | | | | |
| Aid Given | 30 | 33 | | | 63 |
| Aid Received | 14 | 15 | | | 29 |
| Dispatch to GNFD District | 226 | 266 | | | 492 |
| Dispatch to NCFD District | 119 | 143 | | | 262 |
| Dispatched to MIFD / IFD / Other | 17 | 25 | | | 42 |
| Dropped Incident Reports (900) | 10 | 13 | 4 | | 27 |
| Total Incidents | 1,851 | 1,794 | 1,559 | | 5204 |

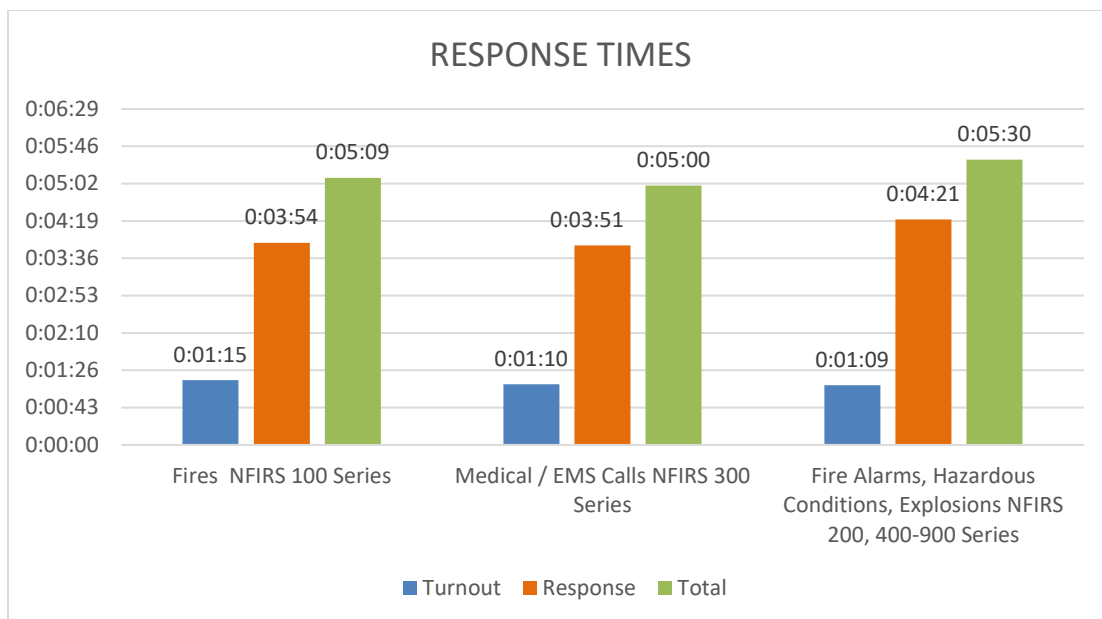
***Fire contents loss total is based on yacht fire and damage to exposure vessels during marina fire on 6/7/21.



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NAPLES FIRE-RESCUE RESPONSE TIME AVERAGE FOR CODE 3 RESPONSE

| | Fires NFIRS 100 Series | Medical / EMS Calls NFIRS 300 Series | Fire Alarms, Hazardous Conditions, Explosions NFIRS 200, 400-900 Series |
|---|------------------------|--------------------------------------|---|
| Turnout | 0:01:15 | 0:01:10 | 0:01:09 |
| Response | 0:03:54 | 0:03:51 | 0:04:21 |
| Total | 0:05:09 | 0:05:00 | 0:05:30 |
| Data from Image Trend Elite- Filtered for CON and Code 3 response | | | |



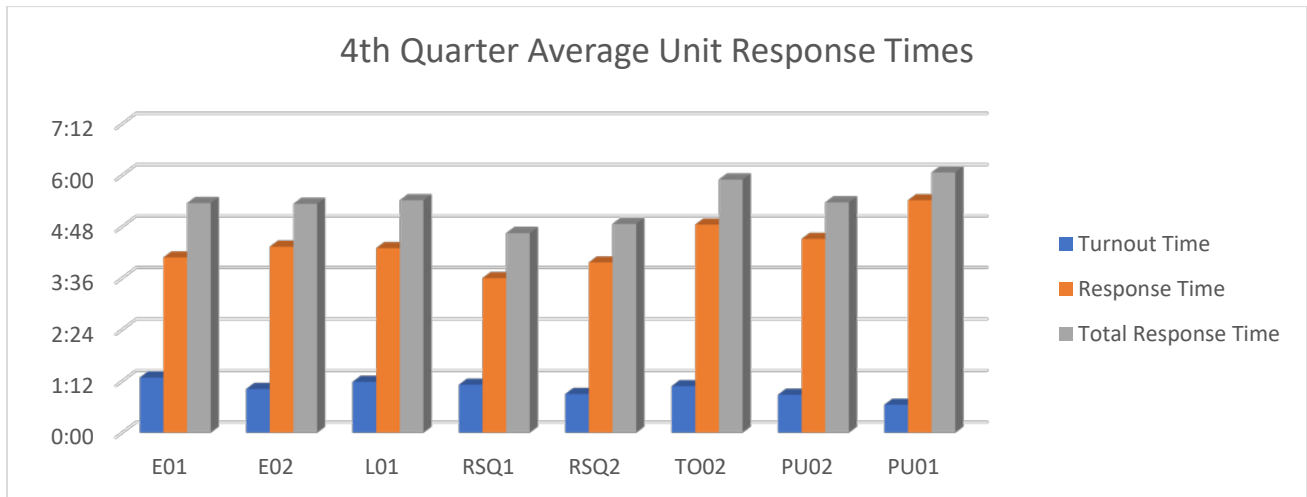
Information contained in this chart is based on data from Image Trend Elite RMS. The data was filtered to display Code 3 responses through September 2021.



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NAPLES FIRE-RESCUE UNIT RESPONSE TIMES

| FY 21 4th Quarter Average Unit Response Times | | | |
|---|--------------|---------------|---------------------|
| Unit | Turnout Time | Response Time | Total Response Time |
| E01 | 1:17 | 4:05 | 5:21 |
| E02 | 1:01 | 4:20 | 5:20 |
| L01 | 1:11 | 4:18 | 5:25 |
| RSQ1 | 1:07 | 3:36 | 4:39 |
| RSQ2 | 0:54 | 3:58 | 4:52 |
| TO02 | 1:05 | 4:51 | 5:54 |
| PU02 | 0:53 | 4:31 | 5:22 |
| PU01 | 0:39 | 5:25 | 6:04 |
| Times for all calls from Motorola CAD | | | |



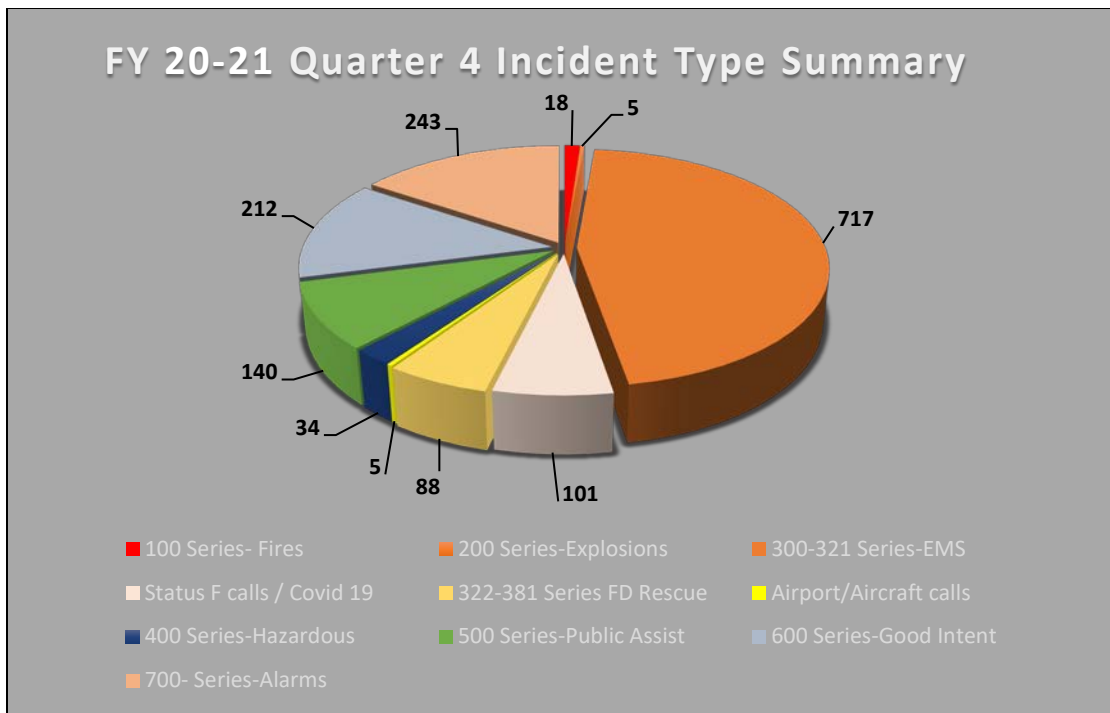
*Information contained in this chart is based on data from Motorola P1 CAD. Averages contain data from every incident regardless of response type. Code 2 responses included in this chart should not be used to measure performance to accepted NFPA guidelines.



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NAPLES FIRE-RESCUE INCIDENT TYPE SUMMARY

| | |
|---------------------------|------|
| 100 Series- Fires | 18 |
| 200 Series-Explosions | 5 |
| 300-321 Series-EMS | 717 |
| Status F calls / Covid 19 | 101 |
| 322-381 Series FD Rescue | 88 |
| Airport/Aircraft calls | 5 |
| 400 Series-Hazardous | 34 |
| 500 Series-Public Assist | 140 |
| 600 Series-Good Intent | 212 |
| 700- Series-Alarms | 243 |
| 800 Series-Weather | 1 |
| Number of Incident | 1564 |

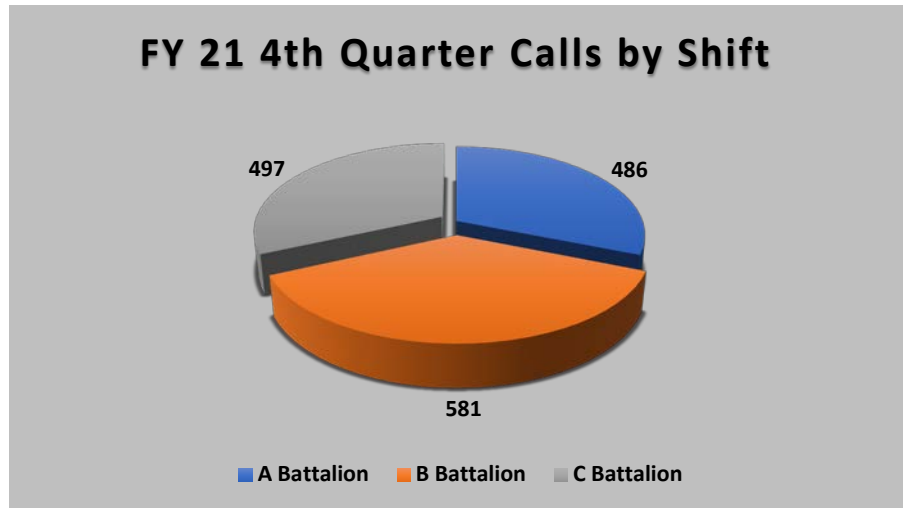




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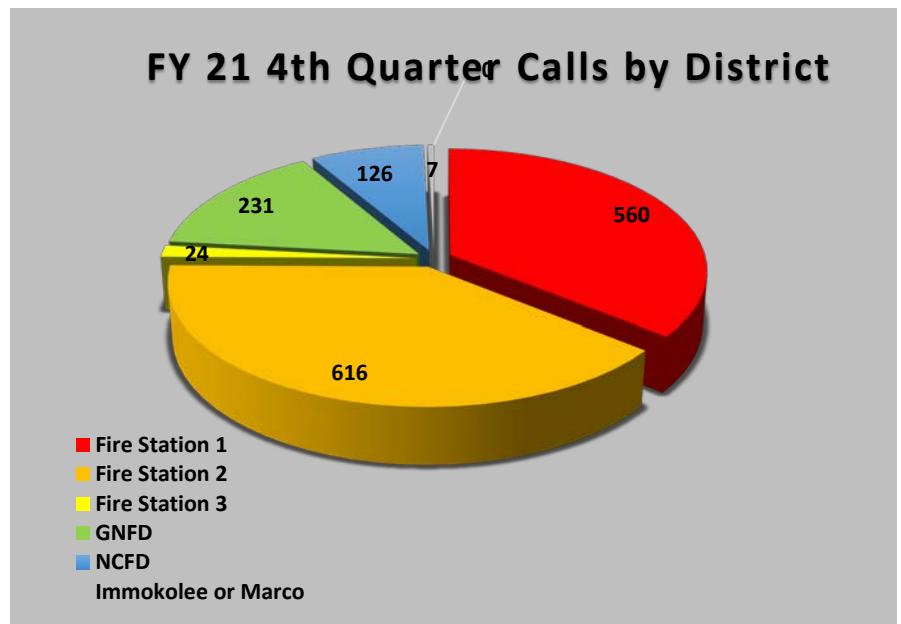
NAPLES FIRE-RESCUE INCIDENT PER SHIFT

| Shift | FY 20-21 Quarter 4 |
|-------------|--------------------|
| A Battalion | 486 |
| B Battalion | 581 |
| C Battalion | 497 |



NAPLES FIRE-RESCUE RESPONSE DISTRICT SUMMARY INCIDENT

| District | FY 20-21 4 Quarter |
|----------------------------|--------------------|
| Fire Station 1 | 560 |
| Fire Station 2 | 616 |
| Fire Station 3 | 24 |
| GNFD | 231 |
| NCFD | 126 |
| Immokolee or Marco | 7 |
| Out of County/State Waters | 0 |



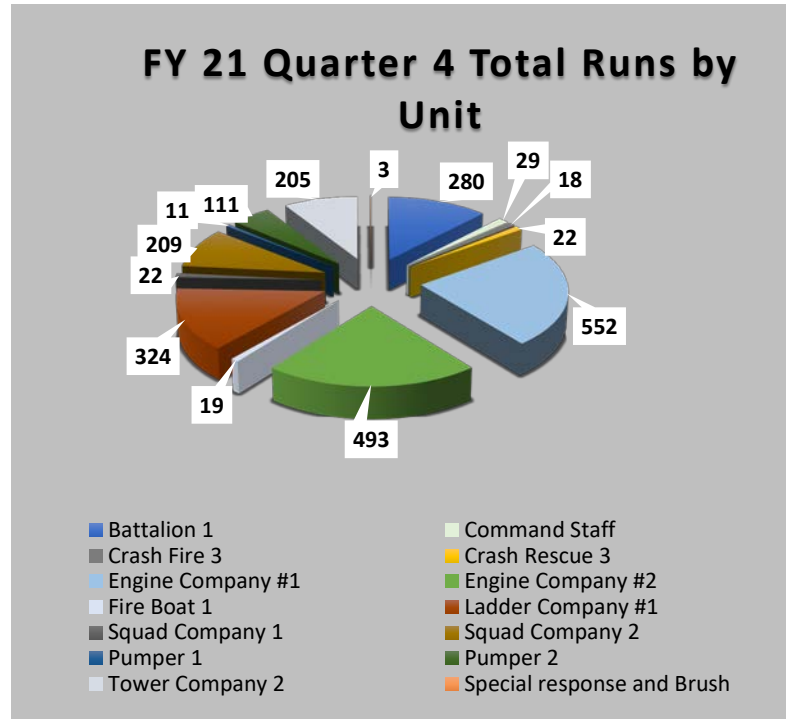
Incident breakdown by Response District for the 4th quarter indicates Fire Station No. 2 was the busiest Station.



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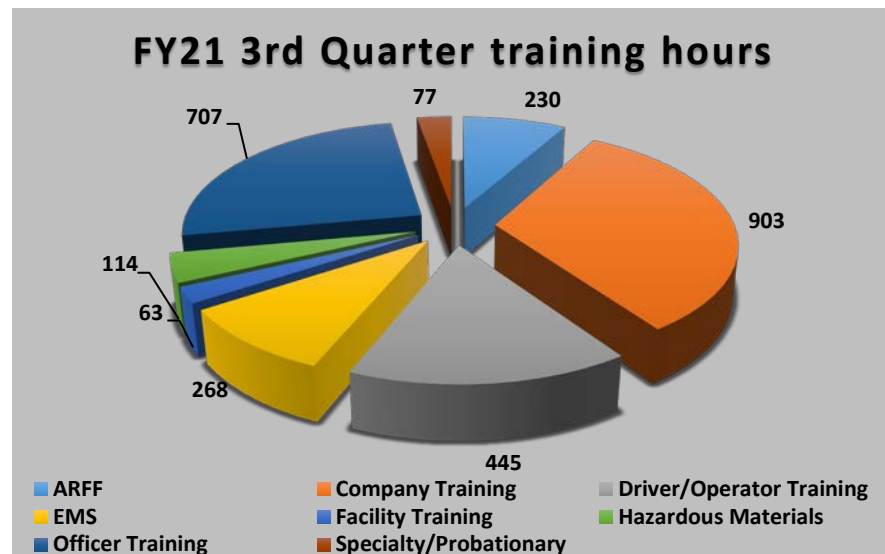
NAPLES FIRE-RESCUE INCIDENT BY UNIT

| Apparatus | 4th Quarter |
|----------------------------|-------------|
| Battalion 1 | 280 |
| Command Staff | 29 |
| Crash Fire 3 | 18 |
| Crash Rescue 3 | 22 |
| Engine Company #1 | 552 |
| Engine Company #2 | 493 |
| Fire Boat 1 | 19 |
| Ladder Company #1 | 324 |
| Squad Company 1 | 22 |
| Squad Company 2 | 209 |
| Pumper 1 | 11 |
| Pumper 2 | 111 |
| Tower Company 2 | 205 |
| Special response and Brush | 3 |



NAPLES FIRE-RESCUE TRAINING HOURS

| Shift | Total | A | B | C |
|---------------------------|-------|------|-----|-----|
| ARFF | 230 | 67 | 74 | 89 |
| Company Training | 903 | 388 | 89 | 426 |
| Driver/Operator Training | 445 | 168 | 197 | 80 |
| EMS | 268 | 74 | 106 | 88 |
| Facility Training | 63 | 20 | 20 | 23 |
| Hazardous Materials | 114 | 36 | 38 | 40 |
| Officer Training | 707 | 275 | 228 | 204 |
| Specialty/Probationary | 77 | 39 | 27 | 11 |
| Grand Totals/Shift Totals | 2807 | 1067 | 779 | 961 |





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NAPLES FIRE-RESCUE PREVENTION AND LIFE SAFETY

| Fire Prevention Quarterly + Annual Totals 2020-2021 | | | | | |
|---|--------------|------------|-----------|-----------|-------------------------|
| | 1st Qtr | 2nd Qtr | 3rd Qtr | 4th Qtr | Annual Totals 2020-2021 |
| Fire Investigations | 2 | 5 | 5 | 3 | 15 |
| State Called | 0 | 0 | 1 | 1 | 2 |
| Fire Prevention Inspections | | | | | |
| Initial | 937 | 838 | 922 | 1007 | 3704 |
| Re-Inspections | 913 | 964 | 934 | 973 | 3784 |
| Special | 8 | 15 | 22 | 24 | 69 |
| Incoming Reports | 14 | 11 | 7 | 20 | 52 |
| Night | 0 | 0 | 0 | 0 | 0 |
| Consultations | 2 | 7 | 23 | 20 | 52 |
| Violations Cleared | 650 | 1200 | 1020 | 1116 | 3986 |
| Violations Sited | 1068 | 817 | 1043 | 909 | 3837 |
| New Construction | | | | | |
| Inspection | 1203 | 793 | 1009 | 1011 | 4016 |
| Special | 8 | 0 | 3 | 3 | 14 |
| Plan Review Total | 479 | 539 | 960 | 443 | 2421 |
| Consultation Total | 498 | 336 | 617 | 249 | 1700 |
| Fire Ops Prevention Activities | | | | | |
| Apparatus Display | 0 | 0 | 1 | 2 | 3 |
| Apparatus-Station Tour | 13 | 59 | 2 | 1 | 75 |
| Extinguisher Training | 5 | 10 | 9 | 1 | 25 |
| High Hazard Inspection | 10 | 56 | 49 | 35 | 150 |
| Preplanning | 8 | 0 | 0 | 0 | 8 |
| Lecture | 0 | 0 | 0 | 0 | 0 |
| School Fire Drills | 3 | 0 | 0 | 0 | 3 |
| Safety Inspection | 0 | 0 | 0 | 0 | 0 |
| Total | 39 | 125 | 61 | 39 | 264 |
| Prevention Public Education | | | | | |
| Number of Events | 2 | 3 | 1 | 2 | 8 |
| Attendance | 10 | 30 | 15 | 50 | 105 |
| Special Events | 79 | 110 | 33 | 22 | 244 |
| Special Event Hours | 180.5 | 190 | 17 | 4 | 391.5 |

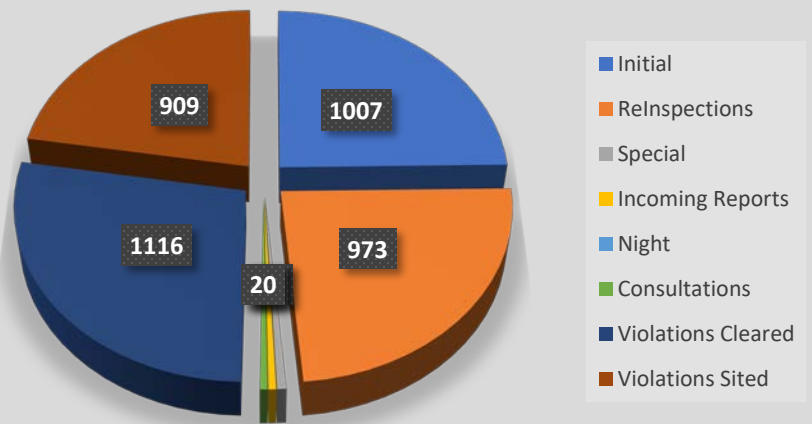


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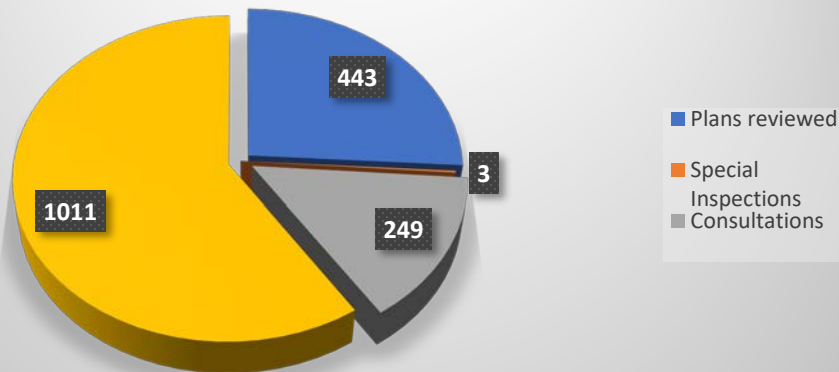
NAPLES FIRE-RESCUE PREVENTION ANNUAL TOTALS

| | |
|--------------------|------|
| Initial | 1007 |
| ReInspections | 973 |
| Special | 24 |
| Incoming Reports | 20 |
| Night | 0 |
| Consultations | 20 |
| Violations Cleared | 1116 |
| Violations Sited | 909 |

Fire Prevention Inspection Data



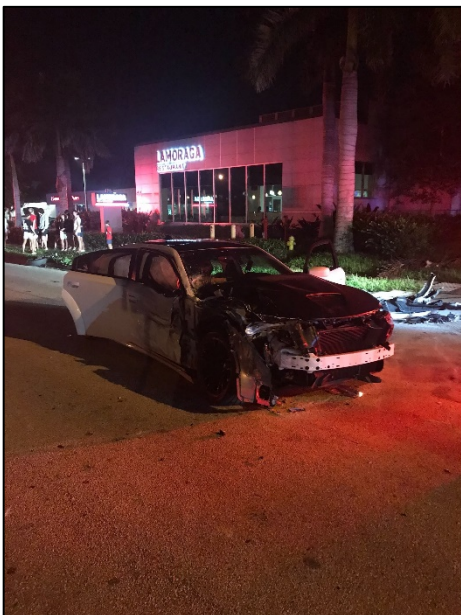
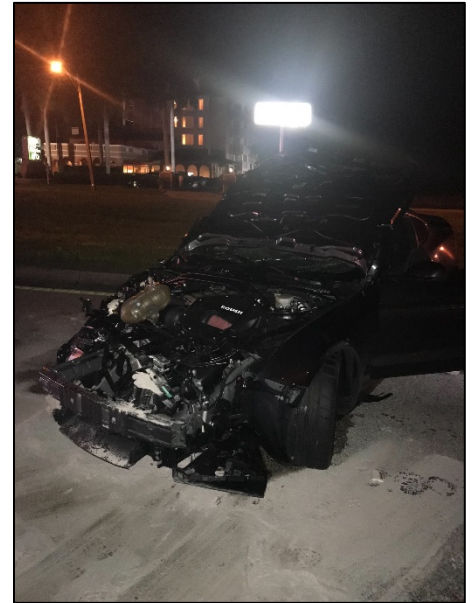
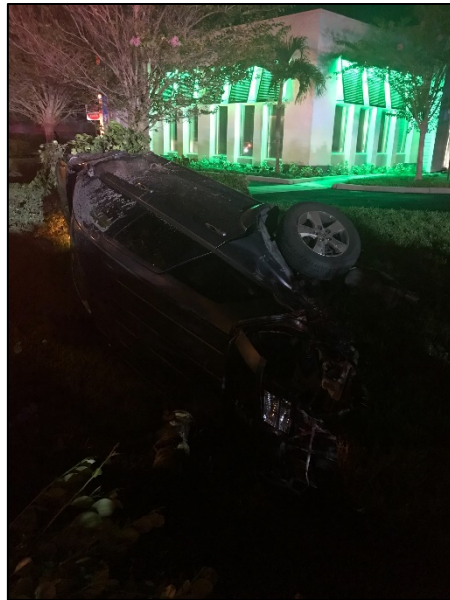
Plans Examiners Prevention Data



| | |
|---------------------|------|
| Plans reviewed | 443 |
| Special Inspections | 3 |
| Consultations | 249 |
| Inspections | 1011 |



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Vehicle Rollover at 9th Street North (US41) and Michigan Avenue. Battalion 1, Engine 2, Tower 2, Battalion 40, and Engine 44 responded to a multi-vehicle crash including a potential rollover and entrapment. Two vehicles traveling North on 9th Street North collided into a van turning at a high rate of speed. All three vehicles involved sustained major damage, but the entrapment was minimal, and occupants were removed quickly by Fire-Rescue. The patients were evaluated and treated on scene. Fire-Rescue and CCEMS transported multiple patients to NCH Baker. Personnel mitigated road hazards and stood by while the overturned vehicle was removed by a wrecker.



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Ring or Jewelry Removal at NCH Emergency Room. Battalion 1 received a phone call from NCH staff requesting assistance with a difficult ring removal of a patient. Battalion 1 and Tower 2 arrived to find the patient with a titanium ring stuck on their left index finger with severe swelling. Tower 2 utilized a Dremel tool to remove the ring without issue. The patient was turned back over to NCH staff.





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Fire-Rescue personnel assisted with the Brotherhood Ride Event held at Fire Station No. 1 and Cambier Park. Cyclists rode to New York to recognize the 20th anniversary of September 11th and on behalf of fallen firefighter and law enforcement officers.

