

**Caroline County
Department of
Fire—Rescue and
Emergency Management**

**Annual Report
January 1—December 31, 2008**

Overview and Mission

The Caroline County Department of Fire-Rescue and Emergency Management is pleased to provide the following assessment of our 2008 calendar year performance. The material and data listed reference the period of January 1st through December 31st, 2008. The Department continues to be driven by the philosophy of the following mission statement:

To provide the citizens of our county and those who may pass through with the most proficient delivery of fire protection, emergency medical, and disaster related services that can be accomplished by prudently using all resources available to us with special focus on the most valuable resource, "Our People".

Vision Statement

To create a high performance emergency services system to meet the current and future needs of the citizens of Caroline County.

Department Structure

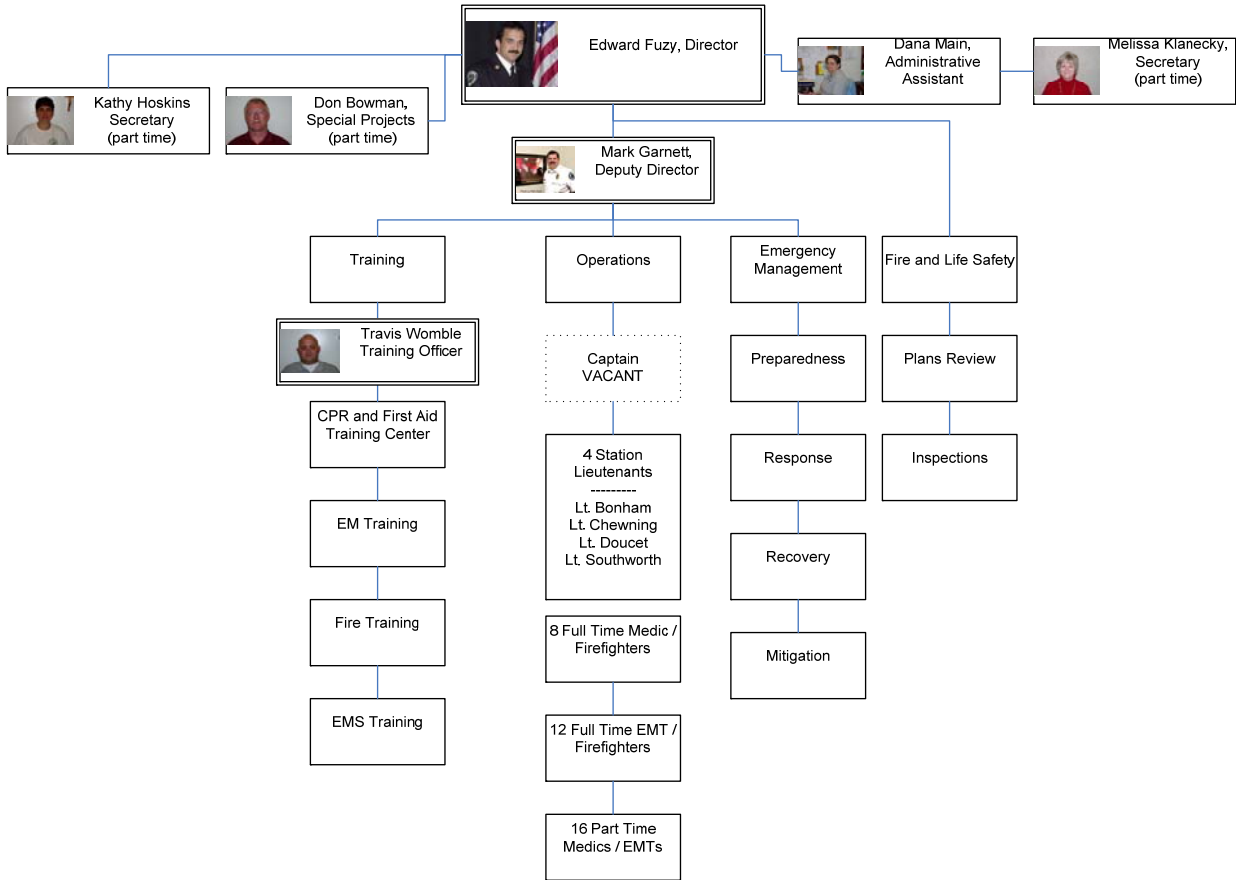


The Department is headed by Director Edward Fuzy. He oversees a staff of 47 full and part time County employees (excluding part time training center staff) [Org Chart 1]. Additionally, the Director works with nine volunteer fire and rescue agencies interacting with some 261 volunteer providers.

The Department continues to work closely with the Emergency Services Commission (ESC) as well as the Caroline County Emergency Units Organization (CCEUO) to provide long range planning for fire and rescue issues.

Caroline County

Dept. of Fire-Rescue and Emergency Management



Org Chart 1

Volunteer Departments

Caroline is served by nine volunteer fire and rescue agencies. These include:

Bowling Green Vol. Fire Dept–Co. 1*
Ladysmith Vol. Fire Dept–Co. 2*
Port Royal Vol. Fire Dept–Co. 3**
Sparta Vol. Fire Dept–Co. 4*
Frog Level. Vol. Fire Dept–Co. 5*
Upper Caroline Vol. Fire Dept–Co. 6**

Bowling Green Vol. Rescue Squad
Ladysmith Vol. Rescue Squad
Frog Level Vol. Rescue Squad

*** - Fire Company Providing EMS 1st Responder Services**

**** - Fire Company Providing EMS Transport Services**

Caroline Fire and Rescue maintains a fleet of 68 emergency vehicles. Twelve insurance claims were submitted to our carrier in 2008.

Volunteer Membership

There are currently 261 volunteers in Caroline.

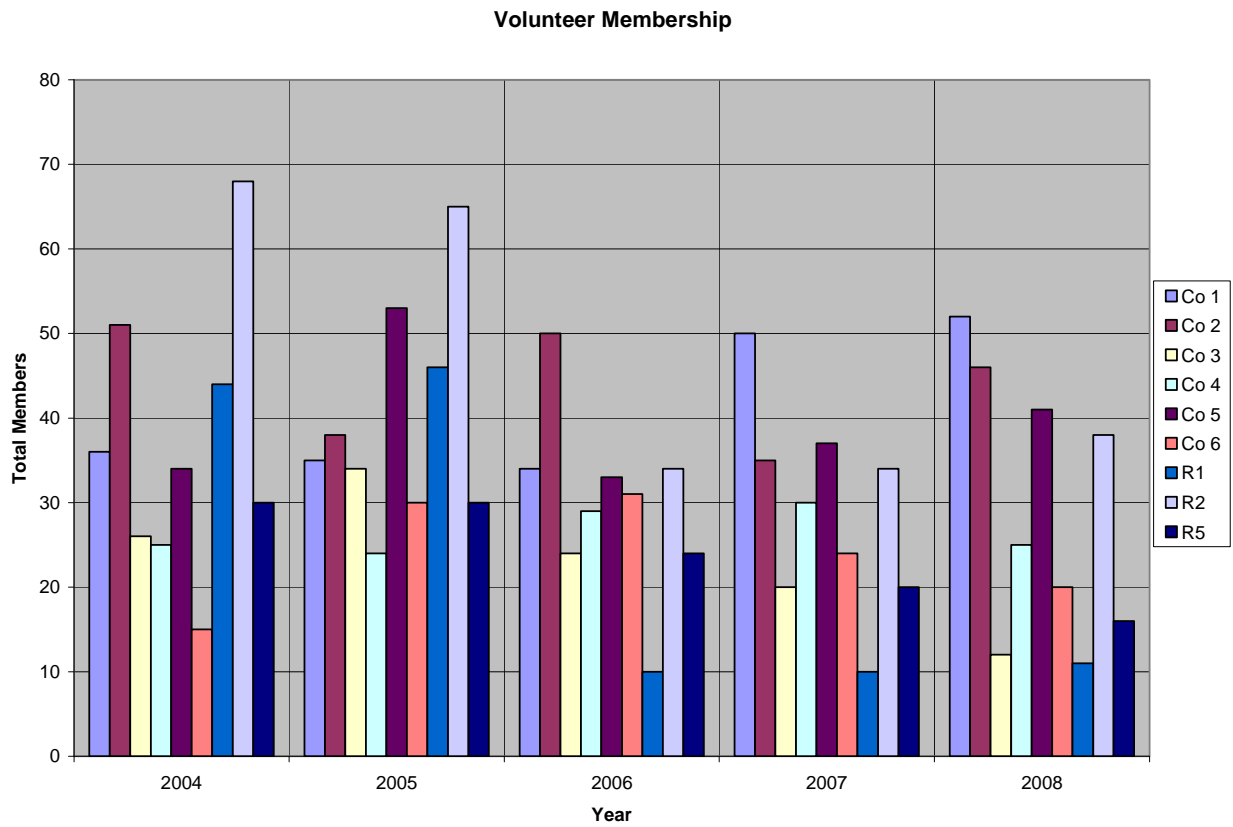


Figure 1

System Statistics

There were 1,997 fire and 4,014 EMS calls in Caroline County for service in calendar year 2008 [Figure 2]. *Note – the CAD system was used for the first time to calculate yearly calls for service in 2006. This software counts EMS and Fire requests for the same incident as two calls for service; therefore, comparison with previous years may appear to be over-inflated. Fire figures include EMS first response calls.* EMS units spent 6,474 hours on actual calls. Fire units spent 1,584 hours on actual calls.

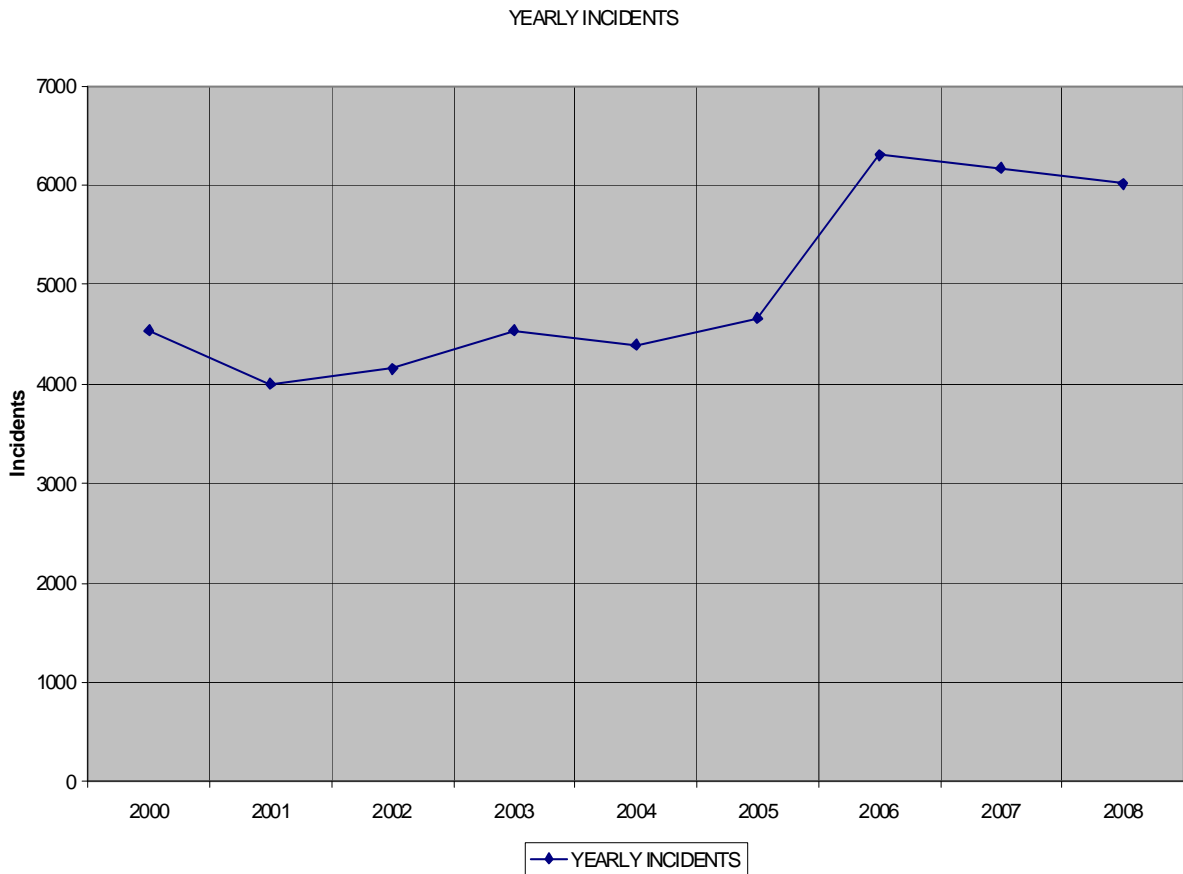


Figure 2

Call Breakdown by Type

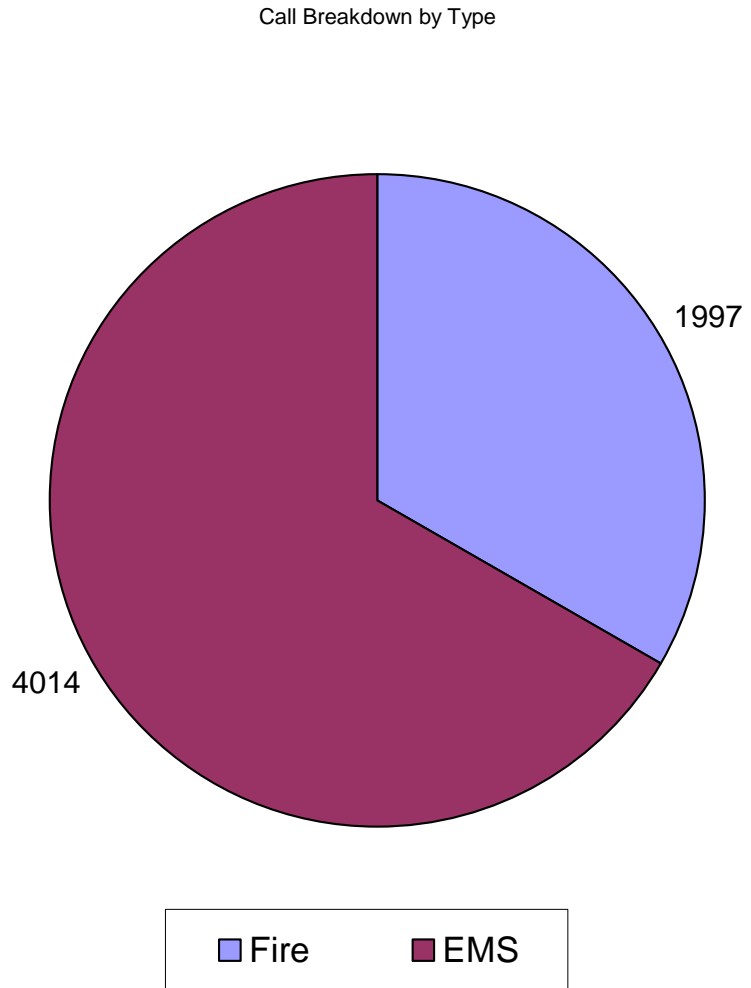


Figure 3

Caroline posts an average EMS response time of 10 minutes and 58 seconds (call dispatch to arriving on scene) and an average Fire response time of 10 minutes and 49 seconds (call dispatch to arriving on scene).

This map [Figure 4] shows the distribution of EMS calls in Caroline for 2008. *Note – due to the scale used to represent the entire County, some call markers overlap, especially in more highly populated areas.*

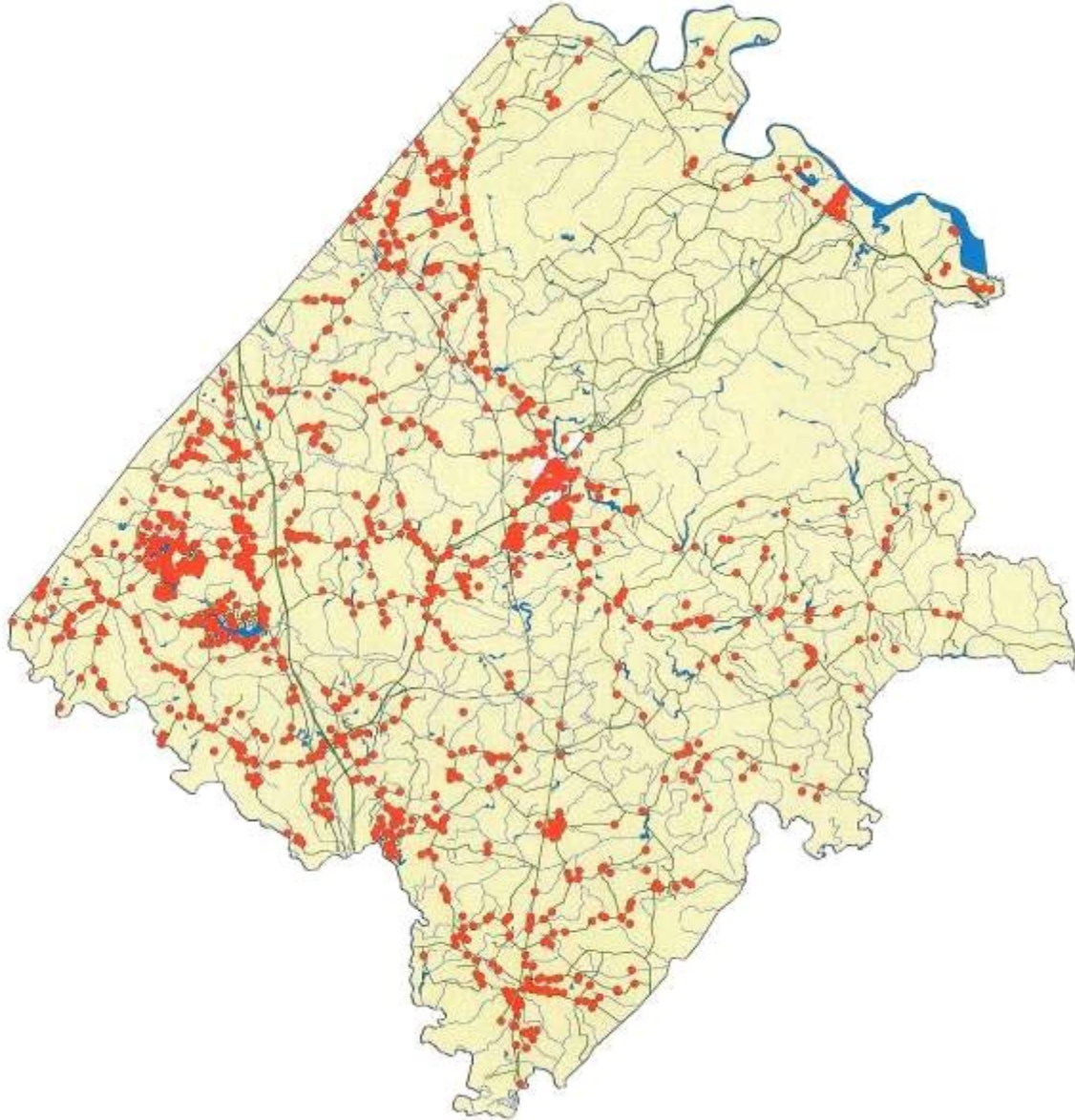


Figure 4

This map [Figure 5] shows the distribution of Fire calls (including EMS 1st response calls) in Caroline for 2008. *Note – due to the scale used to represent the entire County, some call markers overlap, especially in more highly populated areas.*

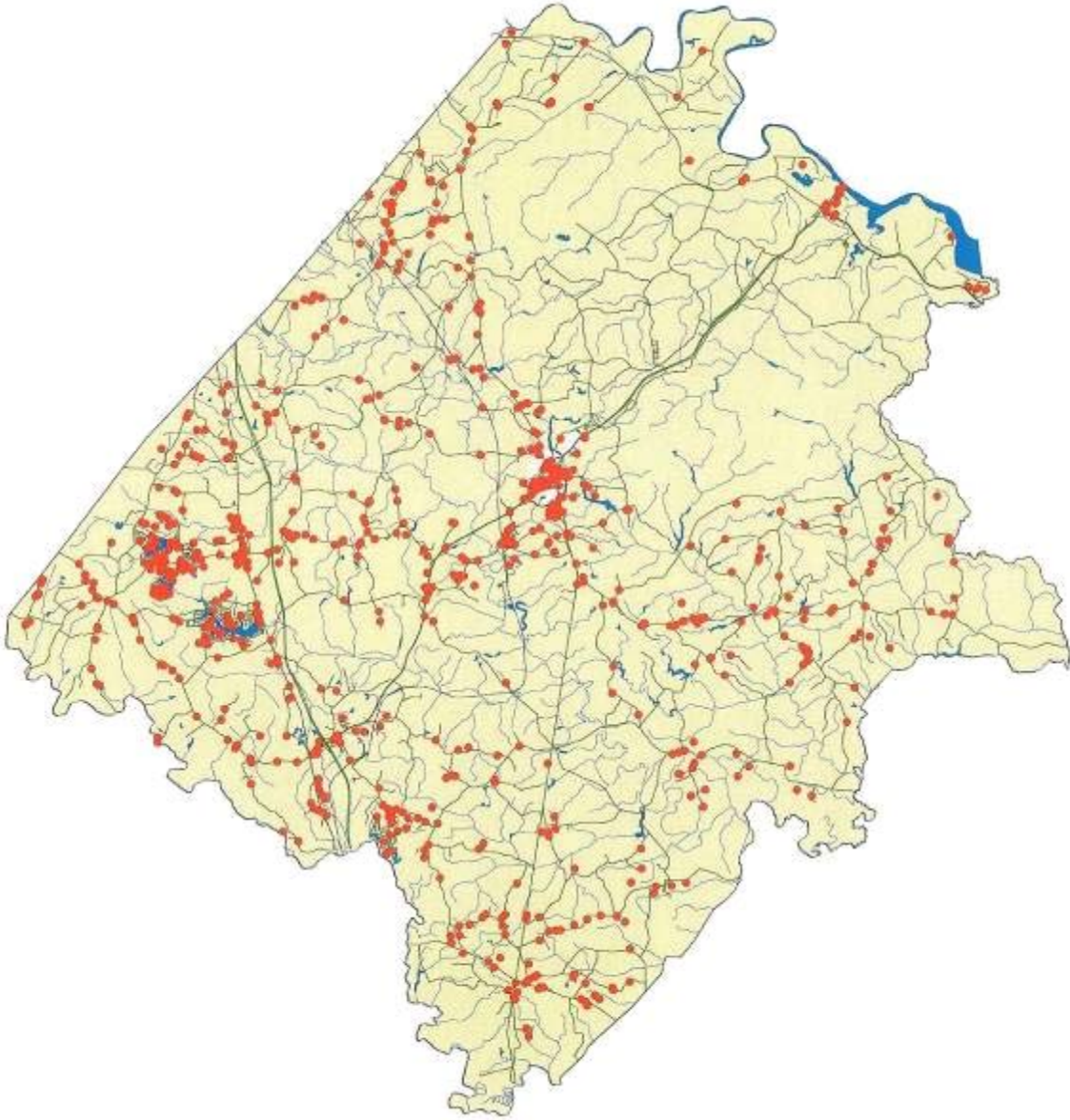


Figure 5

The chart [Figure 6] below shows the distribution of EMS calls by day of the week.

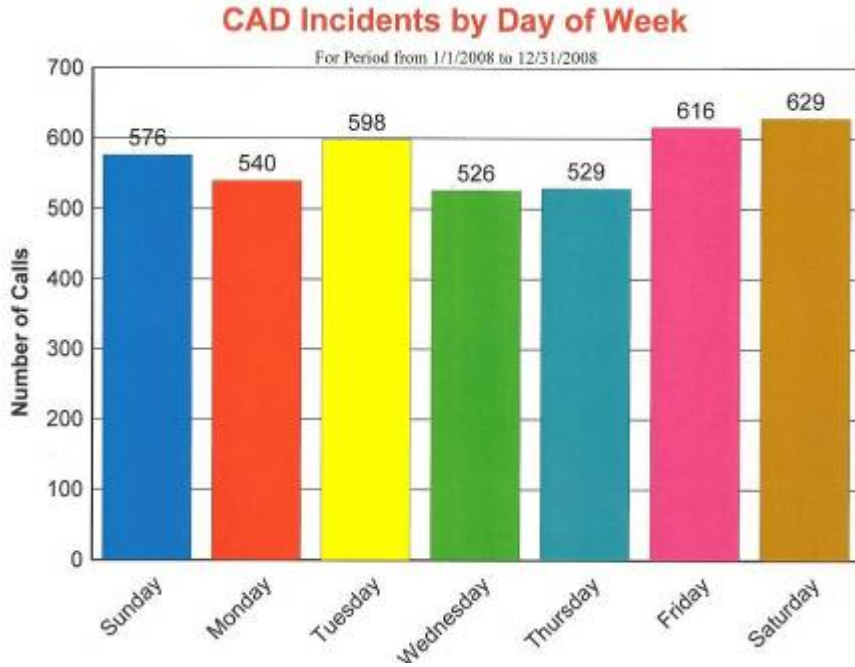


Figure 6

The chart [Figure 7] below shows the distribution of Fire calls (includes EMS 1st response) by day of the week.

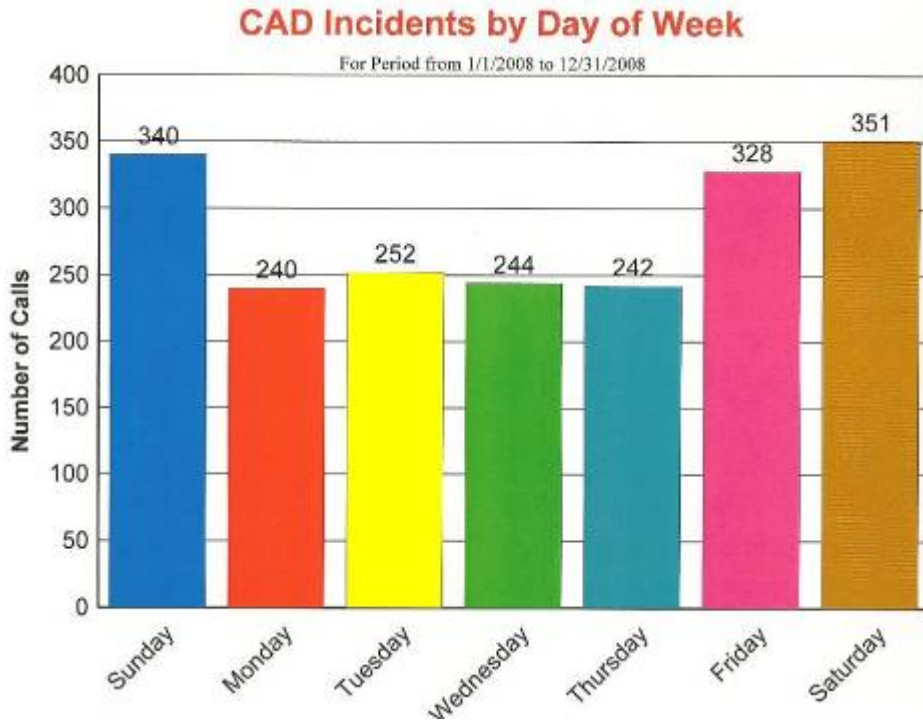


Figure 7

The chart [Figure 8] below shows the distribution of EMS calls by time of day.

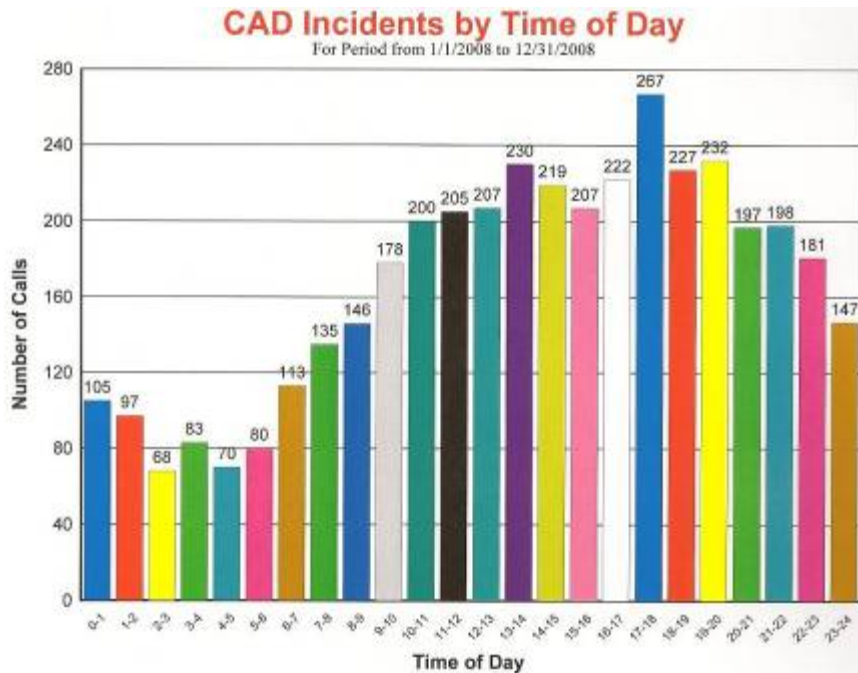


Figure 8

The chart [Figure 9] below shows the distribution of Fire calls (includes EMS 1st response) by time of day.

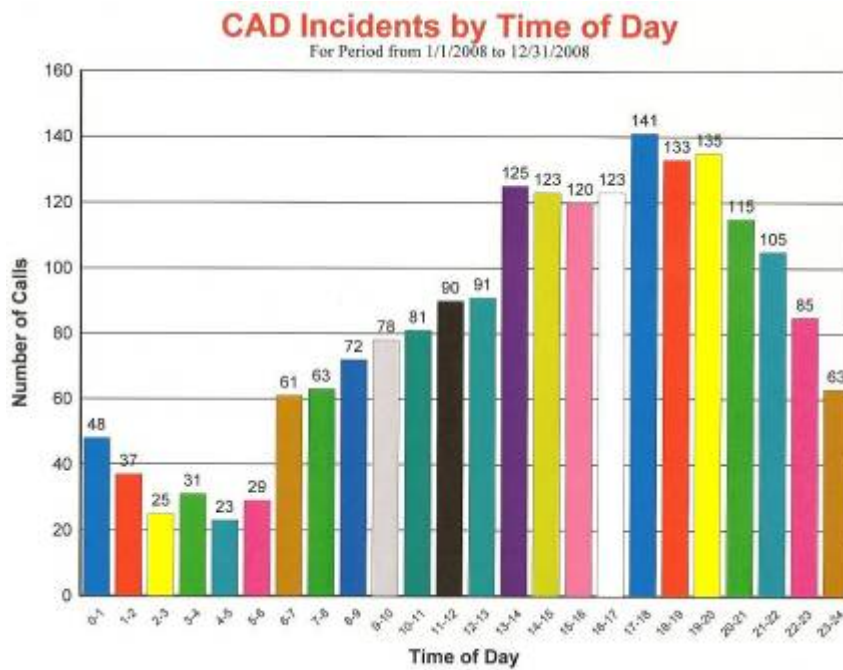


Figure 9

Career Statistics

Career providers responded to 3,497 requests for service in 2008 [Figure 10].

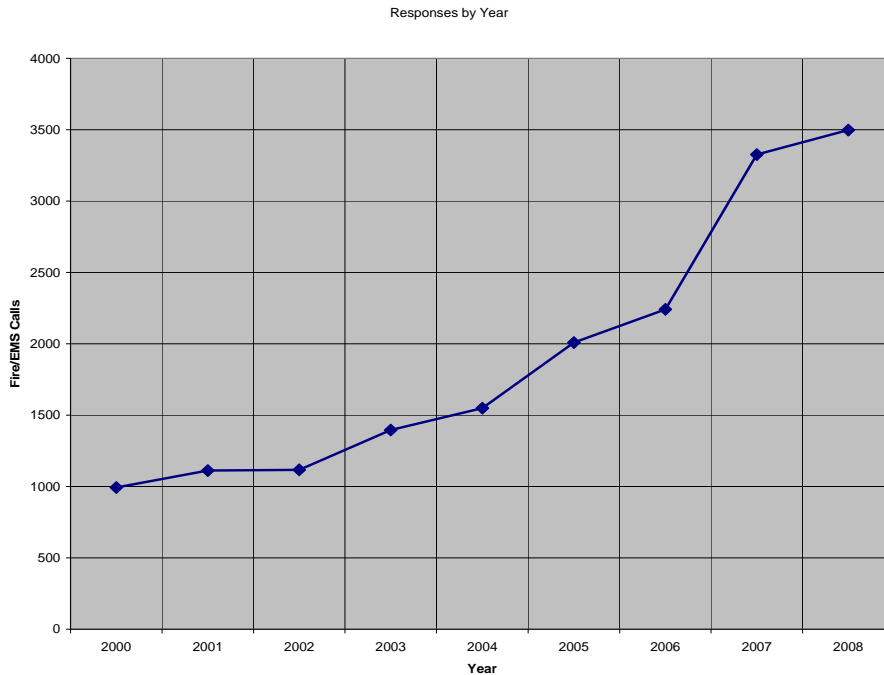


Figure 10

Training Programs

Caroline County Department of Fire – Rescue and Emergency Management is very proud of the training programs that it has helped bring to its internal and external customers. The Department continues to maintain an American Heart Association BLS Community Training Center (CTC) for the benefit of the community. Additionally, the Department continues to support first aid training through the American Safety and Health Institute (ASHI). Both of these training curriculums are overseen by Deputy Director Garnett and supported administratively by Administrative Assistant Dana Main.

In 2008, Caroline's CTC provided CPR and First Aid training for 590 students.

Department personnel strongly value the benefits of continuing education. Training sharpens current skills and fosters new knowledge. We are very proud to report that full time staff completed 4,265 hours of training in 2008.

County-Wide Education and Training

The Department of Fire and Rescue was pleased to facilitate/support/coordinate the following countywide fire and EMS courses:

- Firefighter I - 99 hours

- Firefighter II - 40 hours
- Instructor I - 32 hours
- Instructor II - 32 hours
- EMT – Basic (HS Program) - 121 hours
- Officer I - 64 hours
- EVOC - 16 hours
- REMS ALS Skills - 12 hours
- EMT Enhanced - 80 hours
- PHTLS - 24 hours

Caroline County Volunteer and Career agencies partnered with the Virginia Department of Fire Programs to offer our 14th annual regional fire school. Our 2008 school enrollment totaled 277.

Community Outreach

The Department held its 11th annual children’s Camp Safety in 2008. The program was again coordinated by Medic /Firefighter Erin Southworth.

Additional community outreach programs included displays and participation at the CHS Career Day, Bowling Green Harvest Festival, Caroline County Fair, National Night Out, Port Royal 4th of July Celebration, Ft. A. P. Hill Open House, Upper Caroline VFD Open House, Cooperative Extension Senior Health & Fitness Day, Bicycling for Safe Communities, Frog Level Fall Festival & Parade, Long Branch Community Day, Caroline Middle School Career Day, Community Outreach Day at Mt. Herman/Mt. Tabor, Frog Level VRS Community Day, and the Port Royal Community Health Day.



Deputy Director Mark Garnett demonstrates Ladysmith Rescue’s CPR Autopulse to students at the CMS Career Day

2008 Fire and Rescue Awards

The Department held its annual Awards Ceremony in the fall of 2008. It recognized the hard work of many dedicated volunteer and career providers in Caroline. Tim Perkins, EMS Systems Planner with the Virginia Office of EMS, served as this year’s key note speaker.



Career staff members pose for a group photo, following the 2008 awards ceremony.

Emergency Management

The Director, Deputy Director, and staff spend many hours training and planning for events as part of our Emergency Management program. We successfully met the 2008 standards for compliance with the National Incident Management System (NIMS). Caroline participated in our 2008 VOPEX North Anna Power Station Radiological emergency drill. This drill allowed Caroline to successfully demonstrate the ability to open and operate an emergency operations center, provide direction and control, vehicle and personnel monitoring as well as sheltering. Director Fuzy participated in a state assistance deployment to Cameron Parrish, LA to help in the aftermath of Hurricane Ike. Additionally, we updated our County Emergency Operations Plan (EOP). The Department also partnered with the District Health Department to test our plans and procedures for mass public vaccinations by offering a free walkup flu shot clinic.

Milestones and Accomplishments for 2008

With support from the County Board of Supervisors, the Department is pleased to list the following major accomplishments for calendar year 2008:

- Successful participation and federal evaluation of North Anna Power Station Radiological emergency drill – Spring and Summer 2008
- Conducted 911 for Kids program
- Conducted VDOT Safety Training Program
- Promoted County's first ever Fire and Rescue Training Officer
- Promoted four new Career Station Lieutenants
- Completely redesigned and formatted the County's Emergency Operations Plan
- Developed an Emergency Election Day Voting Site Emergency Plan
- Replaced two aging fire tankers with modern reliable equipment
- Monitored Fee for Service program
- Secured the services of new EMS operational medical director
- Worked with ESC to identify the first phase of Fire Services Board recommendations for implementation
- Implemented partial EMS coverage in Ladysmith for 24 hr. coverage.
- Developed a pet annex to Emergency Operations Plan.
- Updated county Emergency Operations Plan

- Worked with the CCEUO to merge / develop County-wide Standard Operating Guidelines

Outlook for 2009

Working with the County Board of Supervisors, Emergency Services Commission, and our dedicated volunteer and career Fire and EMS providers, the Department looks forward to implementation of these important mission goals and projects:

- Continue to work with CCEUO to develop a standard set of operating procedures
- Continue to work towards implementing the goals identified in the comprehensive Fire Services Board report
 - Reorganization of Department Administration
 - Central purchasing and fleet maintenance
- Provide support for annual Spring School
- Develop and outfit a shelter trailer for Emergency Management Operations
- Develop and deliver volunteer leadership training
- Develop ordinance for restitution of fire and rescue costs related to criminal actions
- Work with the Developer in the design and construction of the proffered Carmel Church Fire Station
- Develop a County sponsored combination volunteer / career agency to Carmel Church fire station
- Develop CERT program for citizen responses to disasters
- Address ongoing Fire Code issues
- Establishment of Tuition Reimbursement program
- Increase Caroline Alert citizen signups
- Completion of the 2009 NIMS compliance guidelines