

CHATHAM FIRE DEPARTMENT



PETER S. GLOGOLICH, Chief

DANIEL B. SMITH, Secretary

February 16, 2014

Mayor Bruce A. Harris
Chatham Borough Council Members

Dear Mayor & Council,

The following is a report of activities of the Chatham Fire Department for the calendar year of 2013.

During the year, the fire department responded to a total of three hundred and sixteen (316) incidents, which was almost identical to last year's three hundred and eight (308) responses, constituting a 3% increase for 2013. During the course of the year, there were fifteen (15) reported fires. This total included two (2) vehicle fires, one (1) outside rubbish fire, one (1) dryer fire, two (2) trash fires, two (2) oil burner/furnace/water heater fires, two (2) cooking fires, and five (5) building or property fires, two of which contributed to the annual fire loss. Three (3) of the building fire responses this year were mutual aid calls, and constitute no loss. Actual loss was posted for only three (3) months during the year totaling \$55,000. Last year, fire loss totaled \$167,950 due to several costly structure fires. Total loss was \$112,950 less in 2013, which was a 67% decline. Reportable fires also declined this year by 21%. I believe this decline in loss is directly related to the vigilance of the Fire Safety Bureau with the enforcement of the Uniform Fire Code on commercial buildings, and the education of the public through the Fire Prevention programs offered throughout the year.

The members of the Chatham Fire Department contributed a total of five thousand two hundred sixty-eight (5268) man hours of service to the community in 2013. Incident responses accounted for thirteen hundred seventy-three (1373) man hours, while the remaining thirty eight hundred ninety-five (3895) hours were logged for training, work details and fire duties to facilitate the programs sponsored by the department throughout the year. Compared to last year, total hours decreased by only two hundred fifty-eight (258), or a 4.7% decline. The non-incident hours will begin to level out due to the fact that as certification for specialized training is being attained, fewer members need to complete the initial training, resulting in a reduction in man hours. Fortunately, new technology and constant training make it possible to accomplish more with less without ever compromising service or safety.

As indicated in the statistics over the past several years, mutual aid and shared services is an area that continues to be an important factor as we, as well as our neighboring towns, rely more on each other to fill the void of available manpower and resources, especially during the daytime hours. In 2013, mutual aid was utilized a total of twenty-two (22) times, staying very

consistent with last year's total of twenty-nine (29) times. This year, aid was given sixteen (16) times and received six (6) times. The respective breakdown is as follows:

Mutual Aid Given:

- To Chatham Township - 3
- To Green Village - 1
- To New Vernon (Harding Township) - 2
- To Madison - 7
- To Florham Park - 1
- To New Providence - 2

Mutual Aid Received:

- From New Vernon - 0
- From Chatham Township - 2
- From Green Village - 0
- From Madison - 3
- From Florham Park - 1

Summary Comparison Data From 2013 To 2012

	<u>2013</u>	<u>2012</u>	<u>Difference</u>	<u>% Change</u>
Incidents -	316	308	8	3%
Man Hours -	5268	5526	- 258	- 4.6%
(NFIRS) -	1373	1591	- 218	- 13.7%
(Non-NFIRS)	3895	3935	- 40	- 1.1%
Fire Loss -	\$ 55,000	\$ 167,950	-\$ 112,950	- 67%
Reported Fires -	15	19	- 4	- 21%
Mutual Aid -	22	29	- 7	- 24%
(Given & Received)				

In addition to local responsibilities, I along with thirty-eight (38) other Chiefs in Morris County, attend meetings once a month at the Public Safety Training Academy to address issues at the County level through the Morris County Alliance of Active Fire Chiefs (MCAAFC). This group shares ideas and strategies and addresses pertinent issues within the fire service that effect us on local, state and federal levels. With this group being part of a UASI (Urban Area Security Initiative) region, we continue to research and revise plans and recommend purchase and implementation of specialized equipment that will not only benefit our immediate area, but surrounding areas as well. This is accomplished by working closely with County OEM Officials and the area Fire Coordinators. After serving as Vice President for two years, I am honored to have served as President of this organization effective 1/1/13. I will continue with a second term after being re-elected in December to again serve as President for 2014.

Through this group, several initiatives were again able to be implemented, which allowed us to save quite a large sum of money for the municipalities using group rate discounts for

certain services. The initiatives include ladder and pump testing as well as hose testing, with fit testing for SCBA use still being pursued. These are all mandatory annual tests, so whatever savings that can be gained by negotiations through this group can be very beneficial to each department and their municipality using these services.

Much of this year's specialized equipment needs were focused on additional upgrades and equipment for the County radio system for complete interoperability and integration with the Morris County Communication Center for both users and non-users. Upgrades will also allow for over the air programming of radios on the system. Once again, funding for training and additional equipment is being planned in the area of gross and technical decontamination. Regional task forces continue to be re-evaluated to accommodate additional hands-on training, and regrouping of resources staged throughout the County. The County-wide accountability system (which had been tabled for some time) is again being reviewed, and the standardized County Identification System remains a "work in progress", hopefully to be completed in 2014.

Each year, it seems that there is more to accomplish with less time, whether it be training (basic, specialized and mandatory), attending meetings, administrative responsibilities, or responding to emergencies and incidents. This year was again no exception, and although call volume increased only slightly, there was still more than enough to keep the department busy. In addition to fire related calls, the department continued to respond with the Emergency Squad to all motor vehicle accidents with injuries as a pre-planned response and an automatic dispatch by the County for both entities for such events. This was done not only to insure the safety of the patients, but more importantly, to protect the first responders. A fire engine is set up as a shadow vehicle (blocker) to protect the scene and the ambulance, provide scene safety for battery disconnects, disabling airbags, mitigating fluid spills, and assisting the squad in patient packaging and removal for faster transport. Doing this has proven to be very successful, and will continue, with further training and implementation to follow as deemed necessary. The FD assisted the CES forty-five (45) times for this type of call during the year. * A full statistical breakdown can be found later in this report.

The following is a brief monthly summary of events that took place in 2013:

January:

33 Responses made

- Annual gear check and inspection
- Several smoke from cooking calls-contained on Fuller Ave. & Van Doran Ave.
- Multiple MVA's both with and without injuries.
- Chemical smell investigation- Main St. apartments
- Gas leak- nail through the gas line during renovations on Center Ave.
- Review of Oil Burner Emergencies & Electrical Facility Fires (Training)
- Mutual Aid to Chatham Township for a structure fire on Fairmount Ave.
- Electrical fire- contained- Garden Terrace Nursing Home- Short in coffee maker in kitchen
- Dryer fire in a Fairmount Ave. residence- fire contained and unit removed
- Kitchen trash can fire with extension in a residence on Weston Ave.
- Smoke condition from a malfunctioning self-cleaning oven- Lafayette Apartments
- 19 False Alarms were answered

February:

22 Responses made

- Investigation of reported smoke or steam coming from the roof at Milton Ave. School - no problems found

- Boiler malfunction causing burning smell on N. Hillside Ave.
- Elevator alarm at the Middle School
- Request for RIC into New Vernon - cancelled prior to responding (structure fire)
- Three (3) MVA's with injuries
- Mutual Aid request from New Providence FD for a RIC for a structure fire on 5th Street
- Crew provided for an overnight standby at firehouse during a snowstorm
- A broken water pipe causes extensive damage to all floors of a residence on Fairview Ave, as owner was away when pipes broke
- A house lockout on Fairmount-entry gained via second story window
- Ice Rescue Class held in Florham Park - 2 days- 3 members completed and certified
- Several odor investigation calls
- Several smoke condition calls
- An escort was provided for the winning Girl's Swim Team after a state meet from the Borough to the High School
- Training for vehicle stabilization, review of radio operations- both County & Fireground
- 25 False Alarms were answered

March:

27 Responses made

- Rope training and tool review as drills
- Annual Fit Test for SCBA (Mandatory Training)
- An escort was provided for the Boy's Hockey Team after State finals from Borough to the High School
- Four (4) multi-car MVA's with and without injuries
- Several arcing wires and transformer fires
- Provided assistance to the Green Village and New Vernon fire departments in removing the lights from their respective Holiday Trees
- Firefighter attends Firefighting Tactics & Strategy class at the MCPSTA
- Annual CPR & AED recertification completed by the FD
- Several wire fires answered
- Mutual Aid requested into Madison for a structure fire on Dellwood Dr.
- Annual recertification training for confined space entry in New Providence (#291)
- A burning smell traced to a shorted furnace outlet for a humidifier pump. Power isolated and service advised in a residence on Washington Ave.
- A smell of smoke call led to an open burn investigation in the area of Hedges Ave. Notice given
- 14 False Alarms were answered

April:

22 Response made

- Assist CES with a special call to move a patient from an apartment on the second floor to the rig for transport (Main St. Apartments)
- Three (3) MVA's
- MVA Training- scene safety, stabilization, lift bags and extrication techniques
- A smoke condition caused by an overheated motor in the boiler room at WAS
- Mutual Aid requested by New Vernon FD for the RIC for a working barn fire on Lindsley Rd.
- Hazmat response for a car with a leaking gas tank in the parking lot of Kings. Morris County Hazmat responded to assist and mitigate the spill

- Review of Rapid Intervention Awareness and Operations training, Managing the Mayday and Communications
- Completed the remainder of Fit Test for members
- An electrical fire reported in the Seafood Dept. at Kings. Isolated power, ventilated and made notification to the Board of Health for proper disposition
- An open burn investigation at Cornell near N. Summit Ave. by the woods turned up an unattended campfire, which was extinguished
- Annual Small Fry Fishing Derby held at Kelley's Pond
- 10 False Alarms were answered

May:

35 Responses made

- A Fire Prevention program and tour was given for 1st graders at the Chatham Day School (20 kids & 8 adults)
- Three (3) more MVA's with injuries
- A burning odor was traced to a pot on the stove with all the liquid evaporated on Ellers Dr. The pot was taken outside and the residence ventilated
- Investigation of a tree limb onto a car on Fairmount Ave. near Fairview. A branch was through the windshield, but the occupants were checked out by the CES and released without injury
- Three (3) smoke conditions were investigated and mitigated
- Training involved ladder use and roof operations, salvage and overhaul techniques
- Hazmat investigation for a substance in the roadway at Liberty Drug. Found to be due to air conditioner maintenance, and the materials being used for the job.
- Multiple natural gas odor investigations due to what was a controlled release by Transco/Williams Pipeline System for maintenance
- Training held in vacant house scheduled for demolition covering wall breach, entanglement and Mayday training
- Several CO alarms with readings were answered
- Multiple Firematics Team practices were held
- Memorial Day services were attended in Chatham, and a parade in New Providence
- A grill fire was reported on Center Ave.
- An escort was provided for the LaCross Team from the Borough to the High School as Regional State Champs
- 14 False Alarms were answered

June:

22 Responses made

- A CO alarm investigation on Garden Ave.- low readings found- PES&G notified
- A basement smoke condition was reported in a Garden Ave. home. Using the TIC, found the source to be a dehumidifier. The residence was ventilated and the unit removed to the exterior.
- Four (4) members attended a Solar Panel training class which was held at the Florham Park firehouse
- Two (2) multivehicle MVA's reported
- Investigation of a water condition in the basement in a home on Broadview Terr. Gas shut off to the furnace and hot water heater, and an electric pump was provided to lower the 5-7 inch water depth. A clog in a main drain pipe would be the cause of the problem

- A vacant house drill was held on Fairview Ave. to cover floor breaching, power saws and firefighter bailout from the 2nd floor
- Smoke in a classroom was reported at MAS. The source was determined to be a blower motor. Power was isolated and the room was ventilated.
- Video and powerpoint training from First Energy Electricity was completed on Recognizing and Avoiding the Hazards of Electricity
- Several CO alarms with readings were investigated. Sources were determined and the problems were mitigated
- Tri-County Firematics competition was held and trophies were brought home. Well done team!
- 8 False Alarms were answered

July:

26 Responses made

- A fire in an auto body shop on N. Passaic was contained by the sprinkler system and quickly extinguished by FD personnel after forcing entry. No vehicles were damaged, and overall, total loss was minimal
- The Annual 4th of July Parade and Fireworks took place
- A broken chlorine line was reported in the pumphouse at the Memorial Park Pool. Dilution and ventilation procedures were followed and completed and the building was turned over to pool personnel for repairs to be made
- A transformer fire reported on Inwood Rd. caused a small brush fire to start underneath. JCP&L notified and the fire contained
- A CO alarm with high readings found due to improper and indoor use of a power saw by contractors at a Main St. business. Extensive ventilation was needed to bring levels back to 0.
- Two (2) MVA's with injuries
- A Mutual Aid request by Madison for station coverage
- A small electrical fire in an outlet box at a Lafayette Pl. residence was reported. Power was isolated and no extension was found using the TIC
- An electrical problem in a dryer caused a smoke condition in a Chandler Rd. home
- 14 False Alarms were answered

August:

26 Responses made

- Assist the squad as a blocker for a medical emergency on Route 24
- Electrical arcing in a faulty switch in a Lincoln Ave. residence. Checked with TIC for extension, isolated power and disconnected the switch
- Assist the squad at an MVA on Rt. 24 as a blocker for the scene and to set up a work zone for EMS
- Training involved review of rope rescue techniques
- Assisted PD in securing an open building using the keys from the Knox Box on the building. (Building was a Main St. banking facility)
- 17 False Alarms were answered

September:

20 Responses made

- Mutual Aid request for a RIC by the Green Village FD for smoke coming from the roof of a commercial complex on Shunpike Rd.

- Two (2) two car MVA's
- Mutual Aid requested by New Providence FD for our RIC to respond to a working house fire on High St. in their town
- Provided fire safety program, equipment demo and information at a block party on Kimball St.
- Training focused on equipment review and location as well as running all power equipment and a review of safe operation procedures
- Responded to a smoke condition at the Middle School caused by an overheated portable compressor motor, which had seized in the kitchen
- Beginning of the turnout gear testing program. all gear will be systematically sent out to be cleaned, tested and repaired
- Training: Review FAST Team/RIC technical procedures (knots and hauling systems)
- Responded to an electrical fire in a kitchen outlet with extension on N. Passaic Ave. which originally came in as an odor of something burning in the residence
- 10 False Alarms were answered
- NJ State Fireman's Convention was held in Wildwood. Delegates and Life Members attended.

October:

30 Responses made

- Requested standby at the Joint Meeting while a methane tank valve plate was removed for repairs
- An oven fire in a Main St. apartment caused a smoke condition requiring two young children to be evaluated by the CES
- Seven (7) Fire Prevention programs were presented to the area elementary schools, interacting with a total of 403 children and adults (318 kids/ 87 adults)
- Fire Prevention Open House attended by approximately 200 people
- Three (3) MVA's with injuries
- Five (5) Mutual Aid assignments: Madison (3), Florham Park (1) and Berkeley Heights (1) for a pre-arranged cover assignment during their car show
- A water condition investigation on Edgewood Rd. due to a broken refrigerator water line
- Training covered vehicle extrication with the Emergency Squad, and review of response protocols and familiarization of airport grounds at Morristown Municipal Airport
- Four (4) members attended the annual Pipeline Safety Training Program sponsored by Paradigm
- Responded to an attic fire on Meadowbrook Rd. sparked by a gas leak. Madison and Chatham Township responded to assist
- Nine (9) False Alarms were answered

November:

21 Responses made

- Two (2) MVAs with injuries
- Shorted wires on a furnace caused a basement smoke condition on Fairmount Ave.
- Two (2) vehicle fires
- One (1) gas leak in the area of Burgess and Rowan Rd.
- One (1) Mutual Aid call for a major building fire on Green Village Rd. in Madison
- Training included a review of hydrant operations and the Borough's water system. Also reviewed loops, dead ends and water main sizes

- Four (4) members attended and completed the RIC Weekend Safety & Survival class at the MCPSTA during a three day training period
- Nine (9) False alarms were answered

December:

32 Responses made

- Five (5) MVAs with injuries
- Four (4) smoke condition investigations
- One (1) trash can fire at ECLC, which was found to be deliberately set. Fire was out on arrival, and damage was fortunately very minimal
- One (1) Mutual Aid response into Green Village for a RIC at a reported kitchen fire on Warwick Rd.
- Multiple luminaria fires extinguished throughout the Borough due to strong and gusty winds on Christmas Eve
- Fourteen (14) activated alarms or malfunctions were answered
- Santa's arrival on the North Pole Express on December 24th
- Annual Meeting for election of Officers for 2014

As the year comes to a close, I would like to thank all the members of the Chatham Fire Department for another job well done this year in protecting the lives and the property of the Borough residents. Minimizing loss is always a top priority, and that goal was certainly accomplished this year. Good luck to all new and returning Officers for the upcoming year, who I again look forward to working with very much. May we all have a safe and Happy New Year!

As you can see, the Chatham Fire Department had another very active year. It takes a very dedicated and motivated group of individuals to volunteer their time to make this organization function as it does today. Mandatory and specialized training is now more time consuming than ever and I am very proud to be in command of a group with this kind of commitment. Preventing fires and raising awareness levels in all age groups remains a top priority in the upcoming year. It is our mission to provide the community with the annual events that they have come to enjoy so much, as well as providing the fire protection that they expect. It is again my top goal to inform and train our firefighters so that they may safely and professionally serve the Borough of Chatham.

Other goals and objectives that I hope to accomplish within the next calendar year for 2014 are a continuation of some of last year's goals, which are as follows:

- 1) RECRUITMENT & RETENTION- My goal is to keep a balance within the membership of the department and encourage all interested parties who can fulfill the mandatory requirements to join. As the average age increases every year, it is imperative to actively recruit younger members to become qualified and active. The need for the development and creation of a Junior Program is now more important than ever. Being overseen by a Deputy Chief, a committee of officers will develop and implement a plan for accomplishment. Preliminary target date is April, 2014.
- 2) UPDATING SOP'S & SOG'S- Bring the standard operating procedures and guidelines up to date and be clear and specific so that all members both new and old can fully understand how procedures are to be implemented and followed within the department. These documents are being reviewed and updated by a neutral third party, who is a

subject matter expert, to institute and prioritize changes. Documentation will be reviewed by a special committee, overseen by a Deputy Chief, and changes will be presented to the membership in writing as needed. This will be on-going.

- 3) FIREHOUSE WALKWAY- Construct a paving stone walkway at the rear of the firehouse between the side door and the storage garage on the track side of the building. This will not only benefit us in moving things in and out of the building, but will also benefit the commuters who use this area as a foot path, which is currently not paved. Project completion target date is June of 2014. Multiple snowstorms in 2013 tabled this project until this year.
- 4) RIC CERTIFICATION TRAINING- Under the new standards, any firefighter who is part of a Rapid Intervention Crew (RIC) must receive specialized training and certification as outlined under the new Guidelines and Best Practices for Rapid Intervention Crews. Two Deputy Chiefs have completed a Train the Trainer course and were certified. They will formulate and implement the training program for the members. This training will then be on-going.
- 5) PROVIDE A TRAINING ENVIRONMENT- It is my goal to arrange and provide an environment and a vehicle to comply with all the necessary NIMS training classes to assure eligibility for possible grant funding for the future. These levels of training and certification must be fulfilled in order to qualify. These outreach programs will include not only our members, but also our mutual aid companies as well as the Police and EMS. The target date is subject to availability during the year.
- 6) IMPROVE THE USE OF TECHNOLOGY - This year, I intend to move the department ahead into the computer age, installing laptops or tablet computers in all apparatus, allowing all responders to be better informed in transit as to the incident location, special hazards noted and integration with the County CAD system. This integration along with a better reporting system, which is web-based, will allow greater ease in creating reports and retrieving and sharing information. Initial target start date is June, with completion before the end of the year.

In closing, I would like to thank the Mayor and all Council members for the continuing guidance and support which you have demonstrated throughout the year, and as always, I look forward to a safe and productive future.

Respectfully Submitted,
Peter S. Glogolich
Peter S. Glogolich, Chief
Chatham Borough Fire Department

The following is a compilation of this year's statistical data:

Chatham Office of Code Enforcement

Activity Report

: 01/01/2013 to 12/31/2013

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Incident Types (NFIRS)

<u>Incident Type Group</u>	<u># Inc.</u>	<u>% of Total</u>
10-Fire, other	1	0.3%
11-Structure Fire	11	3.5%
12-Fire in mobile property used as a fixed structure	0	0%
13-Mobile property (vehicle) fire	2	0.6%
14-Natural vegetation fire	0	0%
15-Outside rubbish fire	1	0.3%
16-Special outside fire	0	0%
17-Cultivated vegetation, crop fire	0	0%
20-Overpressure rupture, explosion, overheat, other	1	0.3%
21-Overpressure rupture from steam (no ensuing fire)	1	0.3%
22-Overpressure rupture from air or gas (no fire)	0	0%
23-Overpressure rupture, chemical reaction (no fire)	0	0%
24-Explosion (no fire)	0	0%
25-Excessive heat, scorch burns with no ignition	0	0%
30-Rescue, emergency medical call (EMS), other	1	0.3%
31-Medical assist	1	0.3%
32-Emergency medical service (EMS) Incident	42	13.3%
33-Lock-In	0	0%
34-Search for lost person	0	0%
35-Extrication, rescue	1	0.3%
36-Water or ice-related rescue	0	0%
37-Electrical rescue	0	0%
38-Rescue or EMS standby	0	0%
40-Hazardous condition, other	3	0.9%
41-Combustible/flammable spills & leaks	10	3.2%
42-Chemical release, reaction, or toxic condition	7	2.2%
43-Radioactive condition	0	0%
44-Electrical wiring/equipment problem	16	5.1%
45-Biological hazard	0	0%
46-Accident, potential accident	1	0.3%
47-Explosive, bomb removal	0	0%
48-Attempted burning, illegal action	0	0%
50-Service call, other	0	0%
51-Person in distress	1	0.3%
52-Water problem	4	1.3%
53-Smoke, odor problem	10	3.2%
54-Animal problem or rescue	0	0%
55-Public service assistance	20	6.3%
56-Unauthorized burning	1	0.3%
57-Cover assignment, standby at fire station, move-up	0	0%
60-Good intent call, other	10	3.2%
61-Dispatched and canceled en route	7	2.2%
62-Wrong location, no emergency found	2	0.6%
63-Controlled burning	0	0%
64-Vicinity alarm	0	0%
65-Steam, other gas mistaken for smoke	11	3.5%
66-EMS call where party has been transported	0	0%
67-HazMat release investigation w/no HazMat	5	1.6%
70-False alarm and false call, other	4	1.3%
71-Malicious, mischievous false alarm	0	0%
72-Bomb scare	1	0.3%
73-System or detector malfunction	70	22.2%
74-Unintentional system/detector operation (no fire)	69	21.8%
75-Biohazard scare	0	0%
80-Severe weather or natural disaster, other	0	0%

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<u>Incident Type Group</u>	<u># Inc.</u>	<u>% of Total</u>
81-Severe weather or natural disaster	0	0%
90-Special type of incident, other	2	0.6%
91-Citizen complaint	0	0%
	<u>316</u>	<u>100.0%</u>

Report Types

<u>Incident Type Group</u>	<u>#Inc.</u>	<u>#Pers.</u>	<u>#Hrs in Svc</u>	<u>#Man Hrs</u>
D-Drill	25	384	52.2	825.1
F-Fire Duty	2	9	3.5	17.5
G-Fire Prevention	0	0	0	0
M-Meeting	13	382	12.3	338.3
N-NFIRS	316	2739	157.2	1373.3
O-Other (not NFIRS)	197	933	373.5	2473.8
R-Rig Check	0	0	0	0
S-Special Assignment	2	3	1.2	2.3
W-Work Detail	13	156	25.6	237.9
	<u>568</u>	<u>4606</u>	<u>625.4</u>	<u>5268.0</u>

Reports by Category

<u>Incident Type Group</u>	<u>#Inc.</u>	<u>#Pers.</u>	<u>#Hrs in Svc</u>	<u>#Man Hrs</u>
1-Fire	15	191	14.2	171.9
2-Overpressure Rupture, Explosion...	2	16	0.4	3.1
3-Rescue & Emergency Medical S...	45	345	23.9	191.3
4-Hazardous Condition (No Fire)	37	336	22.5	201.1
5-Service Call	36	308	26.4	213.4
6-Good Intent Call	35	362	10.9	117.2
7-False Alarm & False Call	144	1173	58.2	470.6
8-Severe Weather & Natural Disast...	0	0	0	0
9-Special Incident Type	2	8	0.8	4.7
D-Drill	25	384	52.2	825.1
M-Meeting	0	0	0	0
O-Other (not NFIRS)	0	0	0	0
S-Special Assignment	0	0	0	0
W-Work Detail	0	0	0	0
	<u>568</u>	<u>4606</u>	<u>625.5</u>	<u>5268.0</u>

Causes of Ignition (NFIRS)

<u>Cause of Ignition</u>	<u># Inc.</u>	<u>% of Total</u>
Intentional	0	0%
Unintentional	3	75.0%
Failure of equipment or heat source	1	25.0%
Act of nature	0	0%
Cause under investigation	0	0%
Cause undetermined after investigation	0	0%
	<u>4</u>	<u>100.0%</u>

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Losses (NFIRS)

<u>Total Losses</u>	<u># Inc.</u>	<u>% of Total</u>
None	313	99.1%
1 to 9	0	0%
1 billion and up	0	0%
10 to 99	0	0%
100 to 999	0	0%
1000 to 9999	0	0%
10000 to 99999	3	0.9%
100000 to 999999	0	0%
1 to 9.9 million	0	0%
10 to 99.9 million	0	0%
100 to 999.9 million	0	0%
	316	100.0%

Aid Given or Received (NFIRS)

<u>Aid Given or Received</u>	<u># Inc.</u>	<u>% of Total</u>
Mutual aid received	3	0.9%
Automatic aid received	0	0%
Mutual aid given	15	4.7%
Automatic aid given	1	0.3%
Other aid given	0	0%
None	297	94.0%
	316	100.0%

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Mutual Aid Agencies Used (NFIRS)

<u>Station/Agency Giving Aid</u>	<u># Responses</u>
1-New Vernon	0
10-Morristown Fire Dept	0
11-Millburn Fire Dept	0
12-Maplewood Fire Dept	0
13-Livingston Fire Dept	0
14-Basking Ridge Fire Dept	0
15-Bernardsville Fire Dept	0
16-New Providence Fire Dept	0
2-Chatham Township	3
3-Madison Fire dept	3
4-Summit Fire Department	0
5-Florham Park	0
6-East Hanover Fire Dept	0
7-Morris Twp Fire Dept	0
8-Morris Plains Fire Dept	0
	6

Other Districts Responded To (NFIRS)

<u>FDID Receiving Mutual Aid</u>	<u># Inc.</u>	<u>% of Total</u>
01405-Chatham Township	4	1.3%
01413-New Vernon	2	0.6%
01417-Madison Fire dept	7	2.2%
02018-Summit Fire Department	0	0%
07100-Livingston Fire Dept	0	0%
07110-Maplewood Fire Dept	0	0%
07120-Millburn Fire Dept	0	0%
14100-East Hanover Fire Dept	0	0%
14110-Florham Park	1	0.3%
14220-Morris Twp Fire Dept	0	0%
14230-Morris Plains Fire Dept	0	0%
14240-Morristown Fire Dept	0	0%
18020-Basking Ridge Fire Dept	0	0%
18030-Bernardsville Fire Dept	0	0%
20011-New Providence Fire Dept	2	0.6%
	316	100.0%

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Calls by Day of Week (NFIRS)

	<u>Calls</u>	<u>Avg Apparatus/Call</u>	<u>Avg Personnel/Call</u>
Sunday	30	3.1	9.1
Monday	51	3.7	10.1
Tuesday	50	3.0	7.8
Wednesday	50	3.4	8.1
Thursday	35	3.7	8.5
Friday	49	3.4	8.2
Saturday	38	3.1	8.9

Calls by Time of Day (NFIRS)

	<u>Calls</u>	<u>Avg Apparatus/Call</u>	<u>Avg Personnel/Call</u>
00:00-00:59	4	2.8	4.8
01:00-01:59	2	2.5	6.5
02:00-02:59	2	1.5	2.5
03:00-03:59	2	3.0	6.0
04:00-04:59	1	5.0	10.0
05:00-05:59	4	1.5	3.3
06:00-06:59	7	2.7	7.1
07:00-07:59	9	2.6	5.6
08:00-08:59	14	3.3	7.7
09:00-09:59	18	3.1	8.1
10:00-10:59	28	2.8	7.8
11:00-11:59	25	3.4	8.1
12:00-12:59	17	3.5	7.7
13:00-13:59	22	3.6	8.8
14:00-14:59	23	3.3	8.2
15:00-15:59	17	3.4	8.6
16:00-16:59	23	3.7	9.4
17:00-17:59	16	3.6	9.6
18:00-18:59	20	3.7	11.4
19:00-19:59	18	4.1	11.6
20:00-20:59	22	4.0	11.6
21:00-21:59	9	3.3	8.8
22:00-22:59	9	3.1	7.2
23:00-23:59	4	3.3	6.8

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Apparatus Usage

<u>Apparatus ID</u>	<u>#Resp</u>	<u>#Hrs in Svc</u>	<u>#Miles</u>
C 1-Chief officer car	257	126.7	0
C 2-Support apparatus, other	23	26.1	0
C 3-Other apparatus/resource	33	16.4	0
DC 1-Privately owned vehicle	30	16.5	0
DC 2-Privately owned vehicle	142	65.8	0
DC 3-Privately owned vehicle	22	10.1	0
Eng 1-Engine	2	3.8	0
Eng 2-Engine	242	109.6	0
Eng 3-Engine	117	65.4	0
FD-Other apparatus/resource	247	458.9	0
FP-Engine	0	0	0
NV-Engine	0	0	0
Q 1-Quint	133	72.3	0
R 1-Rescue unit	67	40.0	0
	<u>1315</u>	<u>1011.6</u>	<u>0</u>

Apparatus Hourly Usage

<u>Apparatus ID</u>	<u>#Pump hrs</u>	<u>#Gen hrs</u>	<u>#Other hrs</u>
C 1-Chief officer car	0.0	0.0	0.0
C 2-Support apparatus, other	0.0	0.0	0.0
C 3-Other apparatus/resource	0.0	0.0	0.0
DC 1-Privately owned vehicle	0.0	0.0	0.0
DC 2-Privately owned vehicle	0.0	0.0	0.0
DC 3-Privately owned vehicle	0.0	0.0	0.0
Eng 1-Engine	0.0	0.0	0.0
Eng 2-Engine	0.0	0.0	0.0
Eng 3-Engine	0.0	0.0	0.0
FD-Other apparatus/resource	0.0	0.0	0.0
FP-Engine	0	0	0
NV-Engine	0	0	0
Q 1-Quint	0.0	0.0	0.0
R 1-Rescue unit	0.0	0.0	0.0
	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

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Report Types

<u>Incident Type Group</u>	<u>#Inc.</u>	<u>#Pers.</u>	<u>#Hrs in Svc</u>	<u>#Man Hrs</u>
D-Drill	25	384	52.2	825.1
F-Fire Duty	2	9	3.5	17.5
G-Fire Prevention ✓	0	0	0	0
M-Meeting	13	382	12.3	338.3
N-NFIRS	316	2739	157.2	1373.3
O-Other (not NFIRS)	197	933	373.5	2473.8
R-Rig Check ✓	0	0	0	0
S-Special Assignment	2	3	1.2	2.3
W-Work Detail	13	156	25.6	237.9
	<u>568</u>	<u>4606</u>	<u>625.4</u>	<u>5268.0</u>