
SARATOGA SPRINGS FIRE DEPARTMENT

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ORGANIZATION

Profile

The Saratoga Springs Fire Department (SSFD) was formed in 1884 and is a fulltime paid Fire Department within the City of Saratoga Springs, New York. The Fire Department serves the City Of Saratoga Springs, which encompasses 29.07 square miles of residential, commercial, parks and recreation. Services provided by the Saratoga Springs Fire Department include: Fire suppression and investigation, paramedic level emergency medical services, hazardous materials response, specialized rescue, fire inspections, code enforcement, community fire education and prevention and community CPR instruction. The Fire Department also operates under the Saratoga County Mutual Aid plan which when requested, units will respond outside the City to assist in which ever manner that is requested.

CITY OF SARATOGA SPRINGS

Square miles – land 28.42

Square miles – water .63

Total square miles – 29.07

Population – 26,586¹

2012 Housing Unit Estimate by Structure²

Total Units 13,210

Single Unit 8,066

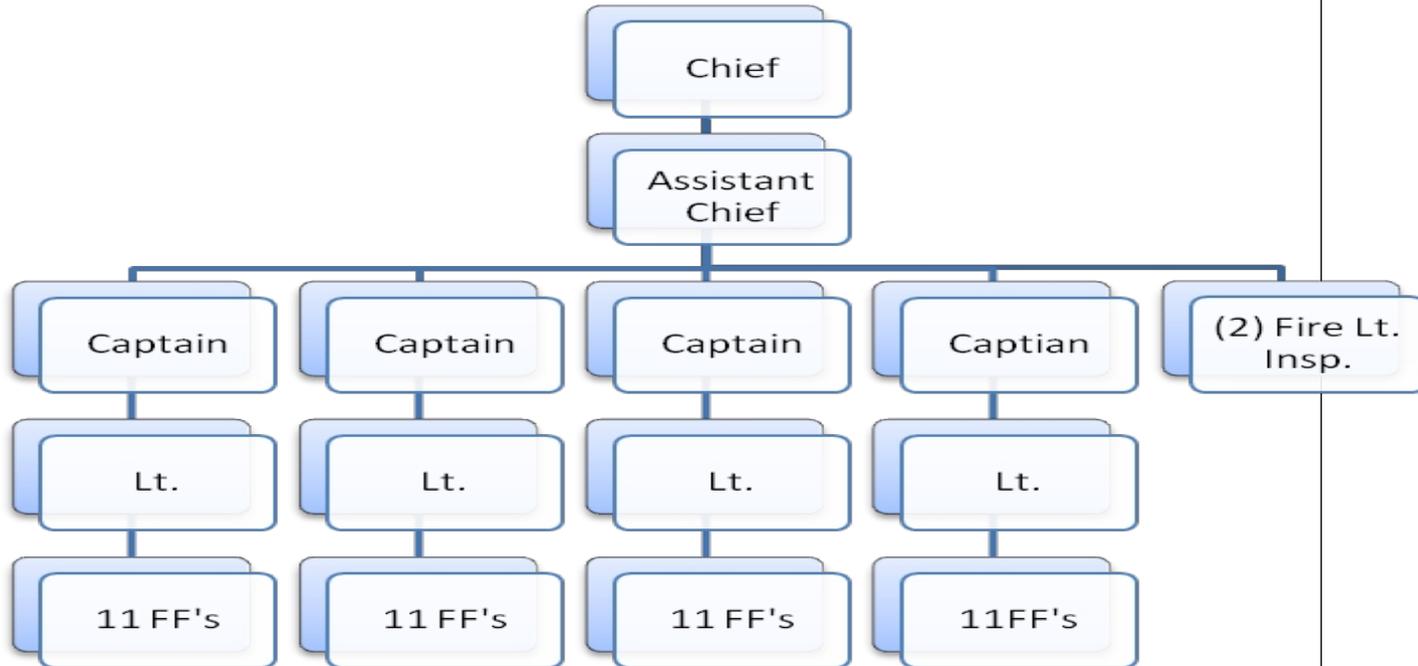
Two Units 899

Three or More Units 4,092

Mobile Homes & Other 253

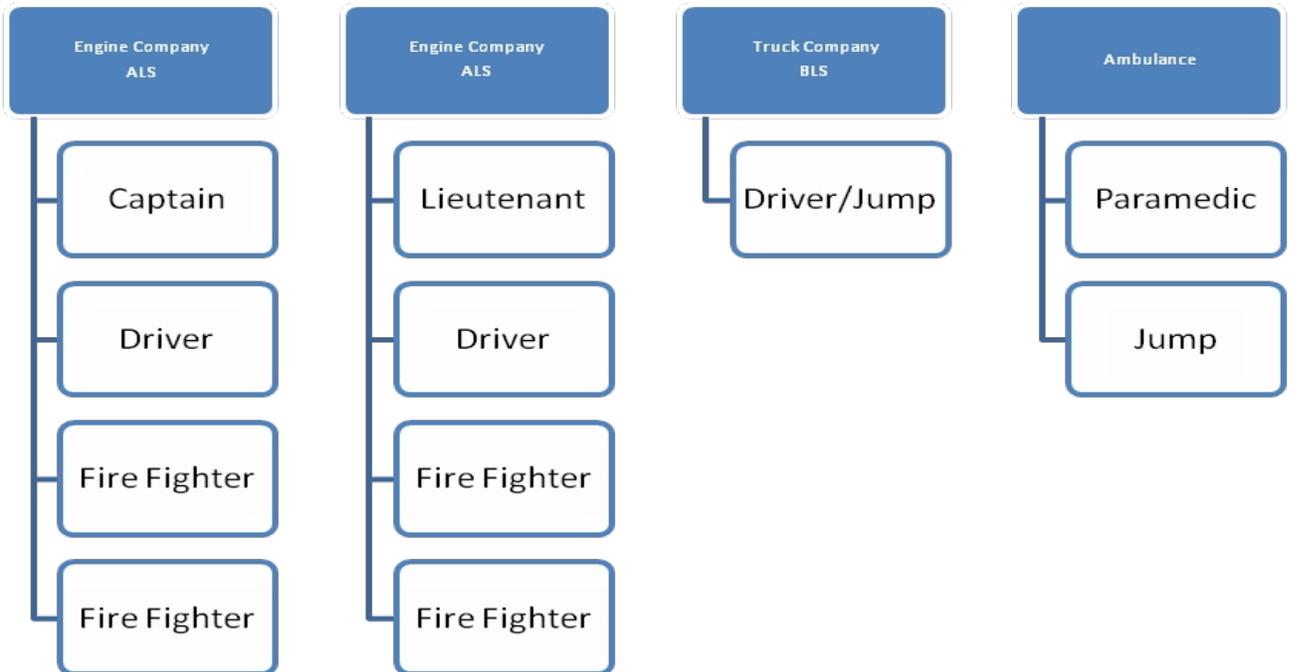
¹ Sources: 2010 *Census* & CDRPC Estimates

² Sources: 2010 *Census* & CDRPC Estimates



2012 Organization

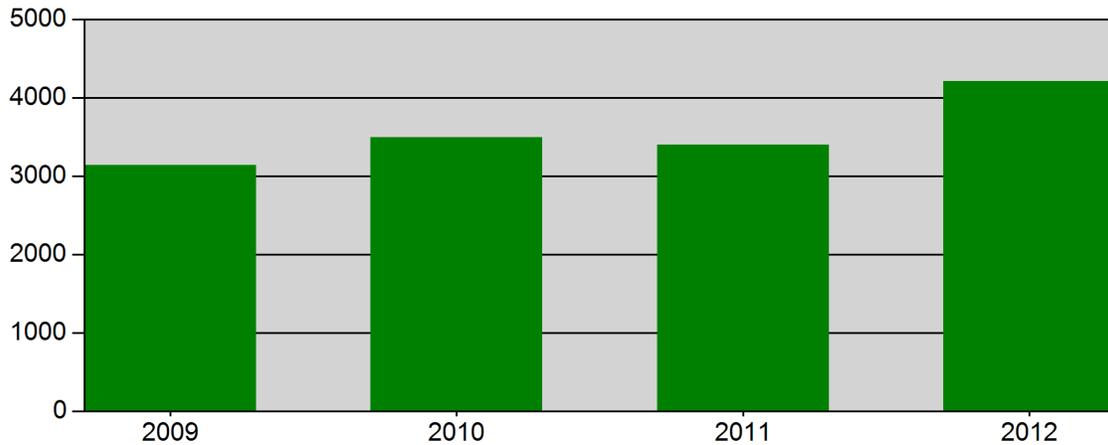
Apparatus Configuration



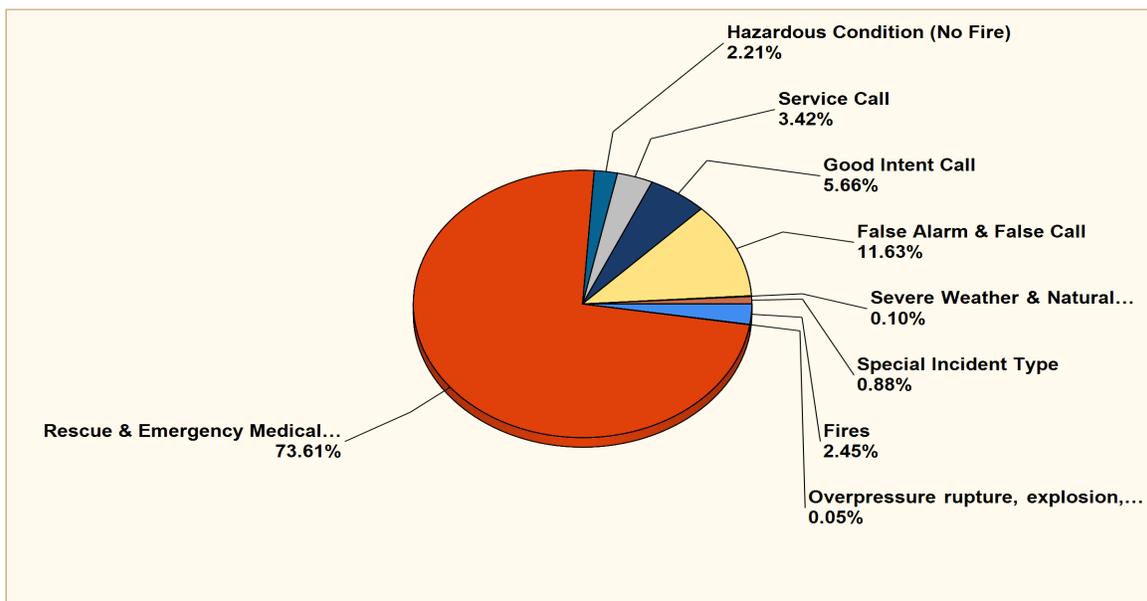
RESPONSE DATA – CALLS FOR SERVICE

In 2012 the Saratoga Springs Fire Department responded to **4206** calls for service. This represents a 24% increase in calls for service over 2011. Of those calls:

	<u>2012</u>	<u>2011</u>	<u>2010</u>
Emergency Medical Responses	3096	2253	2221
Alarm Activations	498	495	517
Good Intent and Other	238	189	151
Hazardous Conditions	93	161	171
Service Calls	144	261	143
Fires	103	141	123
Other	43		
Total	4206	3402	3494



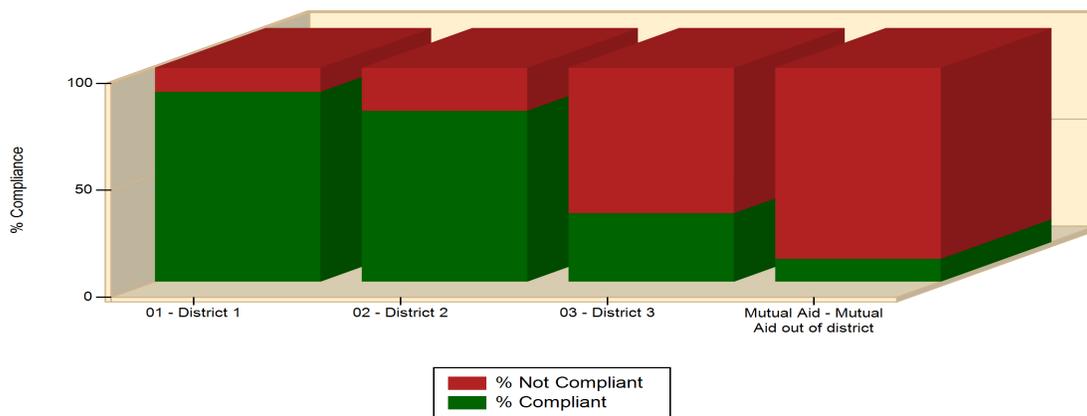
Incident Count 2009 - 2012



Call Breakdown by Type

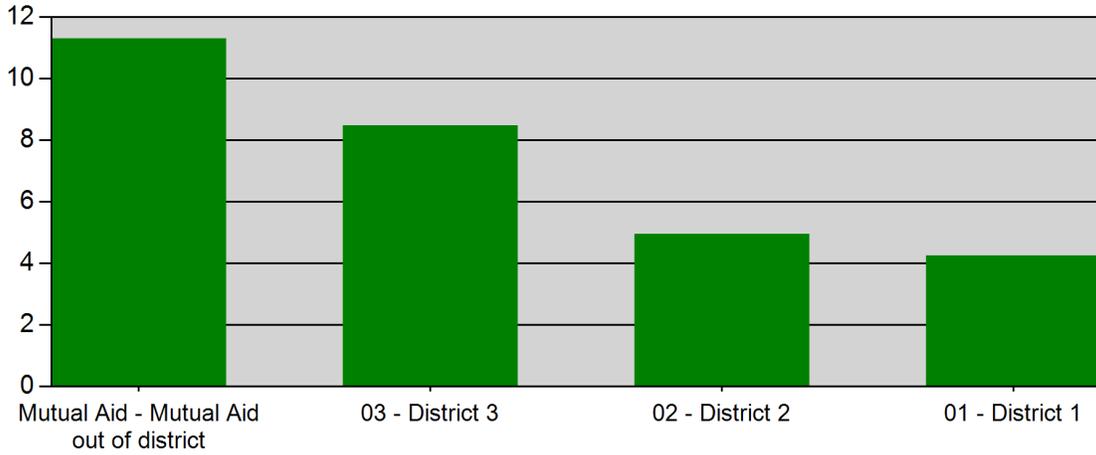
RESPONSE DATA – RESPONSE TIMES

National Association of Fire Protection (NFPA) standard 1710 recommends a response time of 4 minutes, with 1 minute added for donning protective clothing or less for the arrival of the first fire apparatus and a response time of 8 minutes or less for the arrival of a full compliment of fire suppression personnel. The Saratoga Springs Fire Department strives to meet all minimum standards as set forth by recognized organizations.



Compliance with 8 minute response standard

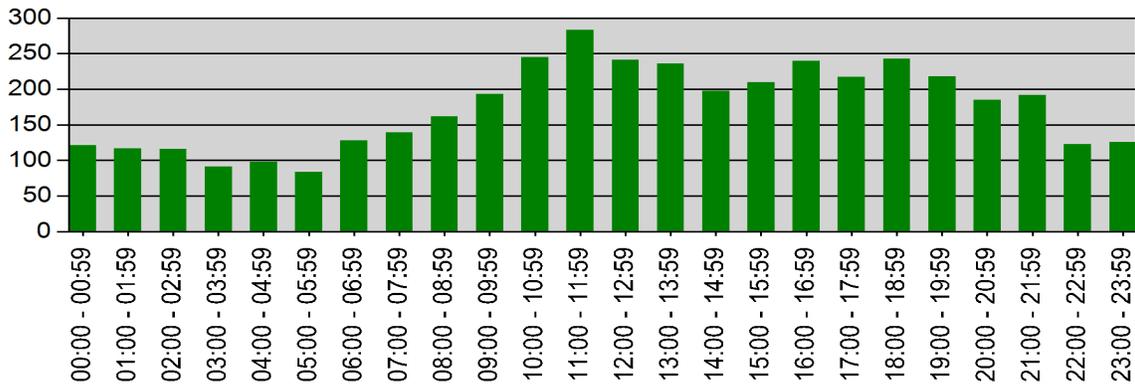
Average Response Time by District



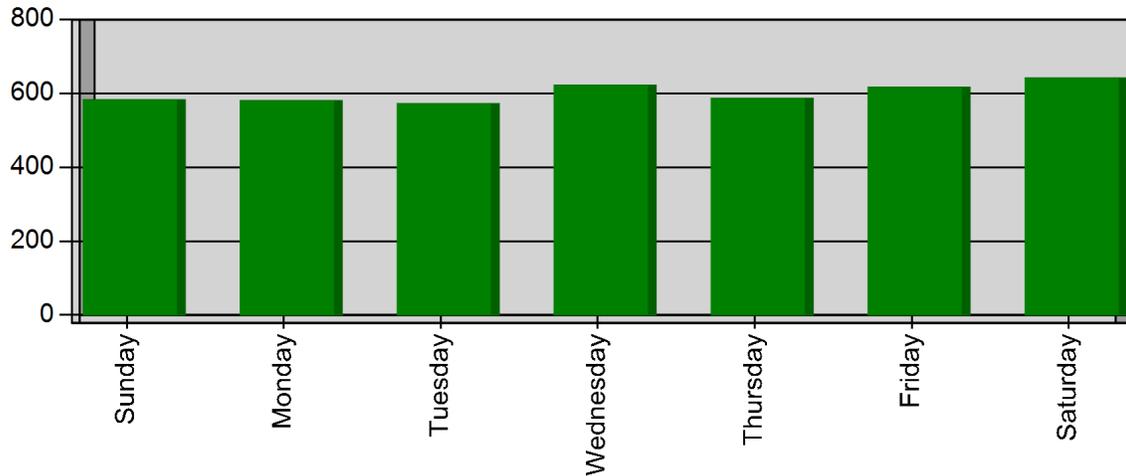
2012	AVERAGE RESPONSE TIME (Dispatch to Arrival)
District 1	4.24
District 2	4.95
District 3	8.47
Mutual Aid out of City	11.29

<u>Calls Volume by District:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>
Calls for Service District 1	2480	1958	1956
Calls for Service District 2	1516	1263	1396
Calls for Service District 3	162	161	142
Mutual Aid	49	20	9

Call Volume by Hour of Day:



Call Volume by Weekday:



EMERGENCY MEDICAL SERVICE

As a result of the previous ambulance provider ceasing operation; 2012 marked the first year of the Saratoga Springs Fire Department Ambulance Service.

The first 12 month report is attached to this annual report.

FIRE AND EMERGENCY MEDICAL TRAINING



In 2012, the department provided 998 hours of Fire/EMS instruction. We continue to make every effort to improve our instruction, methodology and knowledge in firefighting and EMS operations. The Fire Department continues to offer opportunities to train municipal fire instructor (MFI) under Part 438 of the NEW YORK STATE FIRE TRAINING PROGRAM - MINIMUM STANDARDS. Having New York State qualified fire instructors as part of the fire department's training staff advances the quality of the fire instruction; and fire officers who participate, guarantees quality of instruction, reduces the

department's exposure to liability and improves the overall operation. Other not so obvious benefits include; greater safety awareness, thus reducing injury and/or injury potential, a greater level of preparedness through our building familiarization and pre-planning lessons, and standard operation through our SOG development.

Subject Matter and Hours Provided

CATEGORY	# CLASSES TOTAL DURATION	
Aerial Ladders and Elevated Devices	4	5
Basic Fire Fighter Training (229)	41	315
Building Construction	11	30
Communications	4	5
Continued Medical Education	72	219
Emergency Vehicle Operations - Care and Maintenance	5	12
Emergency Vehicle Operations - Driving	8	15.5
Extinguishers	5	10
Fire Behavior	3	9
Fire Fighter Development	6	12
Fire Fighter Survival	11	22
Fire Hose Practices	3	6
Fire Officer Development	5	208
Fire Prevention	3	10
Fire Pumps	2	4
Fire Streams and Nozzles	8	18
Fire Suppression Practices	1	2
Ground Ladders	2	4
Hazardous Materials	2	5
Operational Critique	3	5
Operations - Drill	11	21
Personal Safety and Protective Equipment	5	9.5
Rescue Operations	9	19
Ropes and Knots	1	1.5
Salvage and Overhaul	1	1.5
Self Contained Breathing Apparatus	7	14
Tools and Equipment	6	12
Ventilation	1	3
Total		998

STAFFING

Saratoga Springs Fire Department has 56 full time career fire officers and firefighters. Of this number they include:

- 1 – Fire Chief
- 1 – Assistant Fire Chief
- 4 – Fire Captains
- 6 – Fire Lieutenants
- 44 – Firefighters
 - 37 – Paramedics
 - 6 – New York State Certified Fire Instructors
 - 7 – AHA CPR Instructors
 - 10 – Code Enforcement Officials

The fire department maintains a daily operational minimum of 10 firefighters. We typically respond to calls for service with 2 engines with 4 personnel and a ladder truck with a driver to fire related emergencies, and 1 engine with 4 personnel and 1 ambulance with two personnel to emergency medical incidents.

FIRE PREVENTION AND INSPECTION

The Fire Prevention Office is at the end stages of an operational overhaul. In 2010 the office was closed due to staffing cuts and as a result the entire division was reorganized and now operates using a different operational model with new action plans and equipment. Some of the changes include: new web based data tracking, better coordination and communication with the Building and Codes Departments, scheduling and improved performance standards. The Division continues to identify cost savings measures, one of which is we are now 100% paperless.

	<u>2012</u>	<u>2011</u>	<u>2010</u>
Total Inspections:	672	553	292
Total Violations:	12,566	1803	739
Total Active Occupancies:	1814	1576	1505

Total Multi-family dwellings registered: 318 Structures with 4000 Apartment units
Total Multi-family Dwellings inspected: 94 Structures with 500+ Apartment units

POLICIES AND PROCEDURES ENACTED

In an effort to replace a mostly out dated and antiquated Rules and Regulations, the Fire Department initiated a comprehensive review and development of new Fire Department Policy and Procedures manual. The following were published in 2012:

Volume 1

- Sect 101.04 – Ambulance Response Time Standard
- Sect 103.01 – Conduct
- Sect 103.10 – Internet and E-mail Use
- Sect 104.5.1 – Management of Public Information
- Sect 105.06 – Bereavement Leave
- Sect 105.10 – Union Release
- Sect 107.01 – Awards and Recognitions

Volume 2

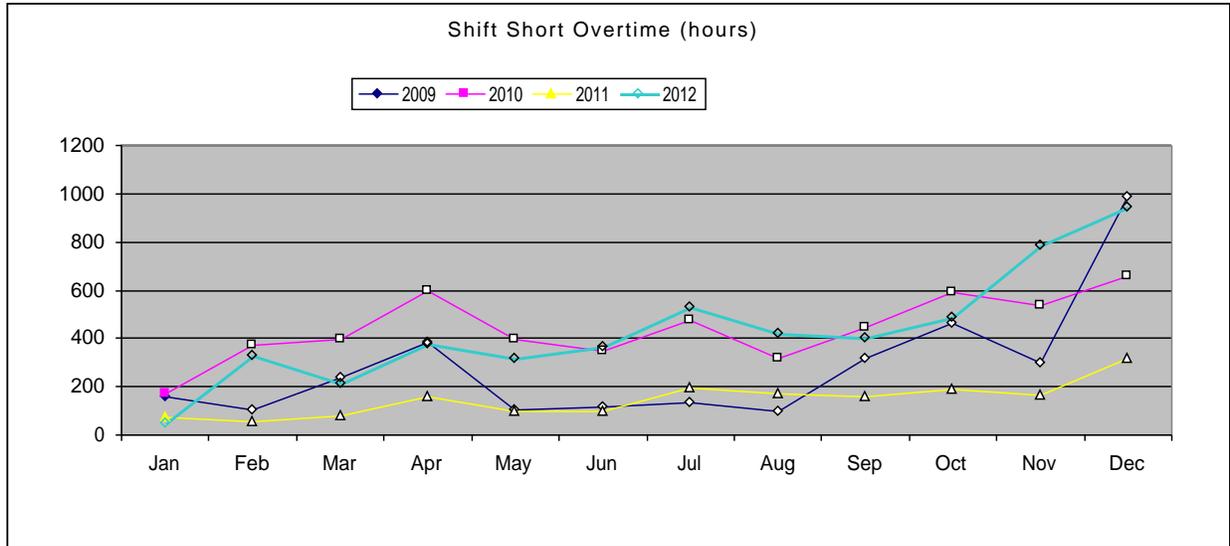
- Sect 201.01 – NIMS Course Outline
- Sect 202.04 – Ambulance Operations
- Sect 203.02 – Portable Radio Operations
- Sect 204.04 – Scene Safety
- Sect 206.01 – Mutual Aid
- Sect 206.03 – Advanced Directives and Unattended Death
- Sect 206.04 – Refused Medical Aid
- Sect 206.05 – Patient Care of Minors
- Sect 206.06 – Unusual Circumstances
- Sect 206.07 – Mandated Reporting
- Sect 206.08 – Abandoned Infant Protection Act
- Sect 206.09 – Reporting Incidents, Injuries and Crashes
- Sect 206.10 – EMS Equipment
- Sect 206.11 – Cleaning and Decon of EMS Equipment
- Sect 206.14 – Controlled Substance Plan
- Sect 206.15 – Internship Non-Employee
- Sect 206.16 – Patient Confidentiality
- Sect 206.17 – Destination Hospital
- Sect 206.18 – Hospital Diversion
- Sect 206.19 – Idling of Emergency Vehicles
- Sect 206.20 – Storage of Medications and Intravenous Fluids
- Sect 206.21 – Security of Drug Boxes and Drug Paraphernalia
- Sect 206.22 – Patient Bill of Rights
- Sect 206.23 – Patient Transfer

Volume 5

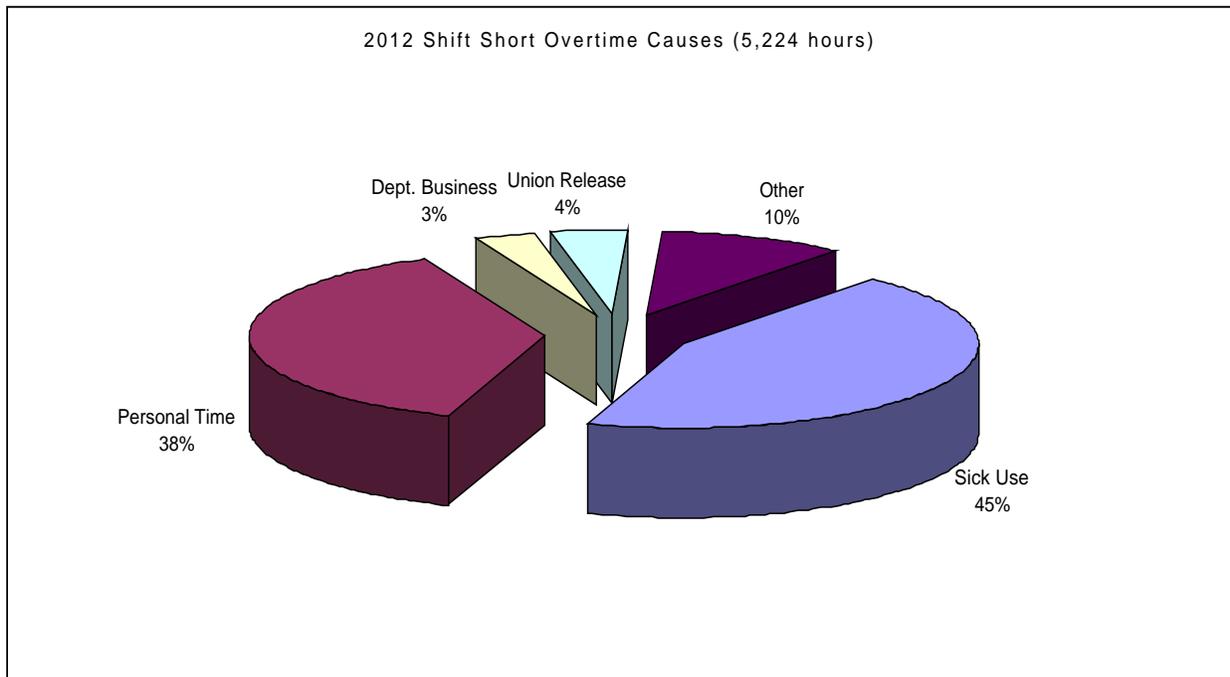
- Sect 503.02 – Equipment - Maintenance and Reporting

OVERTIME

This graph represents a four year comparison of overtime to cover shift shortages.



This pie chart represents the causes of all fire department overtime.



Ambulance Report:

<u>CALL VOLUME:</u>	<u>2/12-1/13</u>	<u>2011</u>	<u>2010</u>
Emergency Medical Calls	3223	2253	2221
Daily Average	8.83	6.17	6.08
Transports	2392	0	0
Transferred to Empire	158	0	0
Transferred to Other Ambulance	15	0	0
Assist Empire with Transport	106	0	0
Transport Basic Life Support	1529	0	0
Transport Advance Life Support	846	0	0
Percentage of calls covered by SSFD	87.5%		

RESPONSE TIMES: (AVERAGE MM:SS)

Dispatch Processing	1:52	2:40	2:06
Turnout Time	1:25	1:07	1:22
Travel Time	3:51	3:21	3:23
On Scene Time	13:55	17:47	17:43
Total Out of Service Time	35:56	24:56	21:47
Average Response Time	4:46	4:08	4:14

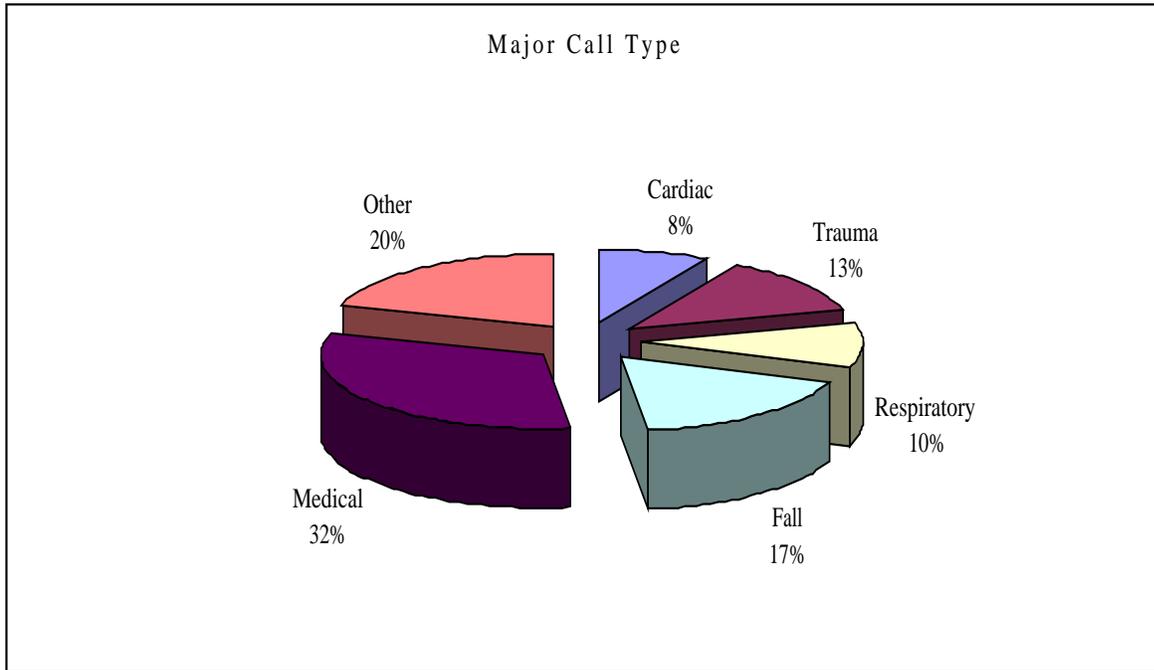
EMPIRE AMBULANCE

Average Response Time (MM:SS)	8:33
Priority 1 Emergency average response time (MM:SS)	7:57
Priority 2 non-emergency average response time (MM:SS)	9:11
Percentage Compliance with 8 minute response time	57%
Percentage Compliance with 12 minute response time	79%

2012 Year End Report

Group	Count	Pct
ALS Intercept	16	0.5
Cancelled En route	27	0.8
Cancelled on scene	22	0.7
Dead at Scene	23	0.7
Lift Assist ONLY	103	3.2
No Patient Found	74	2.3
Patient Refused Care	259	8
SHED Helipad Transfer	2	0.1
SSFD Assist EMPIRE in Transport	106	3.3
SSFD Assist mutual aid Ambulance in Transport	7	0.2
Stand by	5	0.2
TOT EMPIRE	158	4.9
TOT Mutual Aid Ambulance	15	0.5
Treated ALS, Refused Transport	10	0.3
Treated, Refused transport	6	0.2
Treated, Transferred to Air Medical	15	0.5
Treated, Transported ALS	846	26.2
Treated, Transported BLS	1529	47.4
Total	3223	

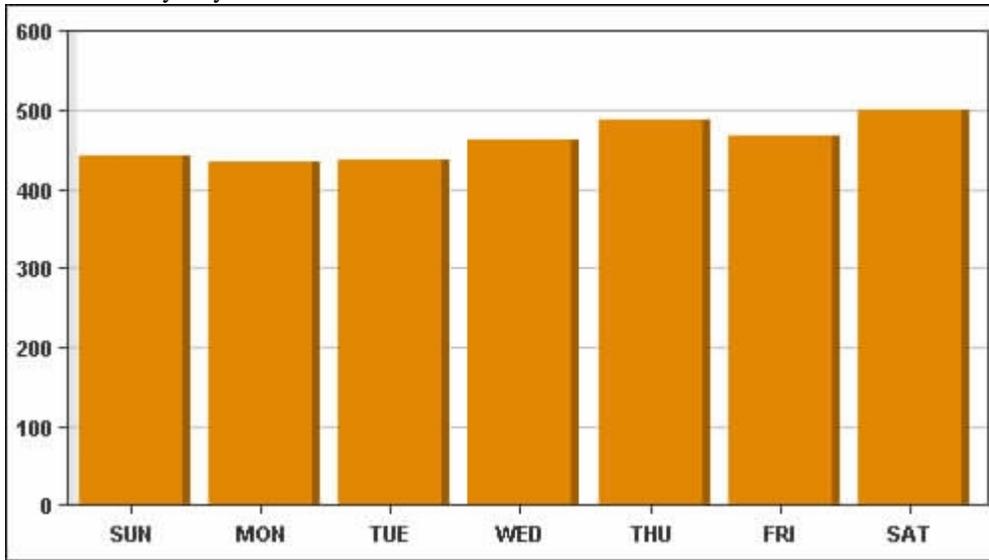
CALL TYPE:



DESTINATION HOSPITAL:

Saratoga Hospital	2545
Albany Medical Center	45
Ellis	35
Samaritan	9
Glens Falls	7
St. Peter's	4
VA	3
Albany Memorial	1

Call Volume by Day of Week



Hour of Day

