

BANGOR TOWNSHIP FIRE DEPARTMENT

2013 ANNUAL REPORT



SERVING OUR COMMUNITY WITH PRIDE, HONOR AND
INTEGRITY SINCE 1943



BANGOR TOWNSHIP

FIRE DEPARTMENT

TO: TERRY WATSON, TOWNSHIP SUPERVISOR
FROM: RICK DONAHUE, FIRE CHIEF
SUBJECT: FIRE DEPARTMENT 2013 ANNUAL REPORT
DATE: 2/12/2013
CC: TOWNSHIP BOARD, PUBLIC SAFETY COMMITTEE

2013 IN REVIEW

It is my pleasure as your Fire Chief to present to you the Bangor Charter Township Fire Department 2013 Annual Report. As we move into the 71st year of service to our community, the members of the Bangor Township Fire Department continue to serve our citizens with pride, honor and integrity just as our predecessors have since the Bangor Township Volunteer Fire Association was established on February 2, 1943. In 2013 our annual call volume of 1,785 responses meant that it was the 3rd busiest year in the history of the fire department with 2011 having been the busiest at 1,846. While our call volume decreased slightly in 2013, the breakdown of runs by types and locations has stayed consistent with previous years. Once again Station 7 was the busiest with 54% of the calls (963) in their area and 46% (822) in Station 6's area. As it has been for many years, the majority of our responses, 76%, were for medical emergencies. Responding to medical calls is very important to our residents due to our quick response and our ability to provide basic life support. This rapid response capability means that the members of the department are able to arrive quick enough to initiate life saving procedures which has resulted in numerous CPR saves the last few years. A number of charts showing the complete breakdown of our incidents by type are included later in this report. A few points of interests are that the department responded to 40 fires of which 27 were classified as structure fires. Structure fires include chimney fires and cooking related fires. For 2013, we had 1,140 incidents in single or multifamily dwelling, accounting for 64% of our total. The next highest category was for incidents on roads and highways, accounting for 8.2% (146 incidents) of the year-end total.

FIRE SAFETY AND COMMUNITY OUTREACH PROGRAMS

While traditionally October is Fire Safety Month, commemorating the anniversary of the Great Chicago Fire, we are committed to the safety of our community all year round. We reach out to our citizens of all ages to offer programs that will teach them how to be fire safe. This year was another great year for our fire safety and community programs. In October we focused on visiting all the elementary schools with our Fire Safety House program. This program is targeted at school age children and we teach them about fire safety at home. In addition, we visited the day care facilities in Bangor Township with a program tailored for the younger children. In 2013 we spent numerous hours putting on 137 programs for children through 5th grade. This was another big success for the department and for the community as we interacted with over 1,200 children during these programs.

We work hard to have the kids take the lessons they learn about fire safety home to help improve the safety of their entire family.

Our on site Safety Day program was another big success. We visited Wal-Mart, K-Mart, Home Depot, Consumers Energy and COPOCO Credit Union, just to name a few. We are continually looking for new programs, and opportunities to improve the safety of all members of our community and this year we were involved for the first time in the CAN Council Duck Derby on the Kawkawlin River.

FIRE PREVENTION

In 2013 we continued our Engine Company Fire Safety Inspections program for the community and completed 274 fire inspections and re-inspections in routine commercial and industrial occupancies. This has proven to be a well received program in the business community and is now in it's 4th year of providing this valuable service to our community. We have helped increase the fire safety of our businesses while at the same time providing an opportunity for the firefighters to gather valuable information for our pre-incident surveys. These surveys also contain the information for our Computer Aided Dispatch System that is passed on to Central Dispatch for updating. Fire Marshal Bailey is responsible for the more complex inspections in buildings and facilities that are high hazard occupancies for fire and life safety. The Fire Marshal has also spent a considerable amount of time on inspections during construction/ remodeling at the Bay City Mall and installation of a butane bullet and additional fire suppression systems at the Marathon Terminal. The Fire Marshal conducted a total of 274 inspections and re-inspections in 2013. Fire Marshal Bailey has also had the responsibility of investigating the cause and origin of 9 fires in 2013. He has spent numerous hours on these investigations with assistance from the Sheriff's Department Fire Investigator, Deputy Jeff Wolpert. Other duties assigned to Fire Marshal Bailey are; the review of site plans for new buildings, review and comment on items before the Zoning Board of Appeals and attending the Public Safety Committee meetings in my absence. Fire Marshal Bailey has kept his fire inspector certification updated throughout the year by attending continuing education classes and seminars sponsored by local and state agencies.

TRAINING

There have been many advances in firefighting in recent years and keeping up with trends and developments is a very important part of our job. This is accomplished by constant training on current skills in house and learning new skills at outside training opportunities. We are constantly working to improve the training and skills of all members of our department but have been particularly focused on improving the training and skill level of our Engineer/Apparatus Operators in 2013. In 2013 we began an in-house training program based on a national standard, the International Fire Service Training Association curriculum, to improve the skills of our existing Engineers and train newer members in operating fire apparatus. We have continued with our Officer development program by sending Capt. Galloner, Lt. Starkey, Lt. Royer and Sgt. Middleton to the Fire Chief 101 training class which focuses on the administrative portion of the job. Also during 2013 Lt. Mike Royer attended Command and Control Decision Making at Multi-Alarm Incidents at the National Fire Academy in Emmitsburg, Maryland. Sgt. Middleton and Firefighter Jay Tomaszewski also completed the Trench Rescue Technician class as members of the Region 3/ Bay County MABAS Division Technical Rescue Team. As we move into 2014, we will continue to make every effort to provide opportunities for our employees to attending the best available training to improve our professionalism and preparedness.

A chart of the training that department members participated in last year is included later in this report.

APPARATUS

With our 1997 Pierce surpassing the 15-year mark for the recommended replacement, we moved it from first out at Station 7 to second out at Station 6 to save on wear and tear. The 1997 Pierce is now designated as Engine 6. Engine 7 (2000 Pierce) is now first out at Station 7 but is 14 years old and will soon need to be evaluated for replacement at the 15-year mark. In 2013 the Township spent \$4,066.62 on maintenance and repairs for the two Pierce Engines. The replacement of Chief 6, the 1999 Suburban, was originally scheduled for 2014 but was deferred to some future budget year. During the year we also experienced an electrical fire in Rescue 7 that resulted in over \$4,000 in damages and left it out of service for several weeks.

Below is a list of all apparatus in our fleet.

Chief 6 (Fire Chief)	1999 Chevrolet Suburban
Car 7 (Fire Marshal)	2008 Chevrolet 3500 Pick Up
Engine 6	1997 Pierce 1250 GPM Pump
Engine 6-2	2010 Rosenbauer 1250 GPM Pump
Engine 7	2000 Pierce 1250 GPM Pump
Aerial 7	2008 Ferrara 77' Ladder, 1500 GPM Pump
Rescue 6	2007 Chevrolet Suburban
Rescue 7	2007 Chevrolet Suburban
Boat 7	2010 Sea Wolf

PERSONNEL

During the year we saw the retirement of Firefighter Ray Madigan after 35 years of paid-on call and career service and the move from paid-on-call Engineer to career staff Firefighter for Andrew Tennant. In 2013 we added 4 new paid-on-call firefighters (2 who were Firefighter II certified and 2 enrolled in the Bay County Fire Academy) and ended the year with 14 members on the Reserve roster. We have worked very hard at maintaining not just the quantity but also the quality of our paid-on-call staff so we have additional personnel to back up our career staff. In 2007 we had 3 members of the paid-on-call staff that were EMS certified and today we have 9 Basic EMT's among the ranks.

Our department consists of one Fire Chief; one Assistant Chief/Fire Marshal, one Captain, two Lieutenant, two Sergeants, one Engineer, nine full-time firefighters and eleven paid on call firefighters. Our full-time firefighters are divided into three (3) platoons consisting of four (4) personnel on each of the shifts working a 24-hour workday. All full-time employees are required to be a minimum of Basic EMT, with 4 members certified as Paramedics. The paid-on-call firefighters

are divided into 2 platoons, Platoon 6 and Platoon 7, which are assigned to our fire stations. Each paid-on-call platoon is designated to be lead by a Sergeant and have at least 1 Engineer assigned.

A list of department employees, according to their hire date, is below.

Ken	Bailey	07/31/78	Asst. Chief /Fire Marshal
Donald	Middleton	11/01/78	Sergeant/EMT
George	Strieter	05/18/87	Firefighter/EMT
Scott	Sturm	12/09/89	Sergeant/EMT
Mike	Royer	06/14/95	Lieutenant/Paramedic
Mike	Galloner	12/04/95	Captain/EMT
Jeff	Koons	11/04/96	Firefighter/EMT
Jim	Starkey	01/07/97	Lieutenant/Paramedic
Jon	Jacobs	10/02/97	Firefighter/EMT
Brian	Phillips	07/17/99	Engineer/EMT
Scott	Cooper	07/17/99	Firefighter
Jay	Tomaszewski	05/27/01	Firefighter/EMT
Kathryn	Middleton	01/11/05	Firefighter
Mike	Sarnowski	08/14/06	Firefighter/EMT
Scott	Schuch	08/14/06	Firefighter/Paramedic
Rick	Donahue	06/18/07	Chief
Ron	Moore	10/01/07	Firefighter/EMT
Dane	Iler	10/01/07	Firefighter/EMT
Joe	Feinauer	09/25/09	Firefighter/EMT
Shalah	Hutchins	12/08/09	Firefighter/EMT
Andrew	Tennant	12/08/09	Firefighter/Paramedic
John	McIngvale	12/08/09	Firefighter/EMT
Jordan	Strieter	12/07/10	Firefighter/EMT
Giorgio	Urso	09/22/11	Firefighter/EMT
David	Clement	12/01/13	Firefighter
Wayne	Phillips	12/01/13	Firefighter/EMT
Ben	Lanning	12/03/13	Academy Cadet
Greg	Warren	12/03/13	Academy Cadet

In 2013 we had 92 full responses, which was a slight decline from the 98 during the 2012 report. Due to the fact our paid-on-call personnel have fulltime jobs it is difficult to predict turn out during certain times of day but our paid-on-call firefighters have shown themselves to be up to the task. But a large part of the credit goes to their families who support them even when it means missing meals and family time to answer the call.

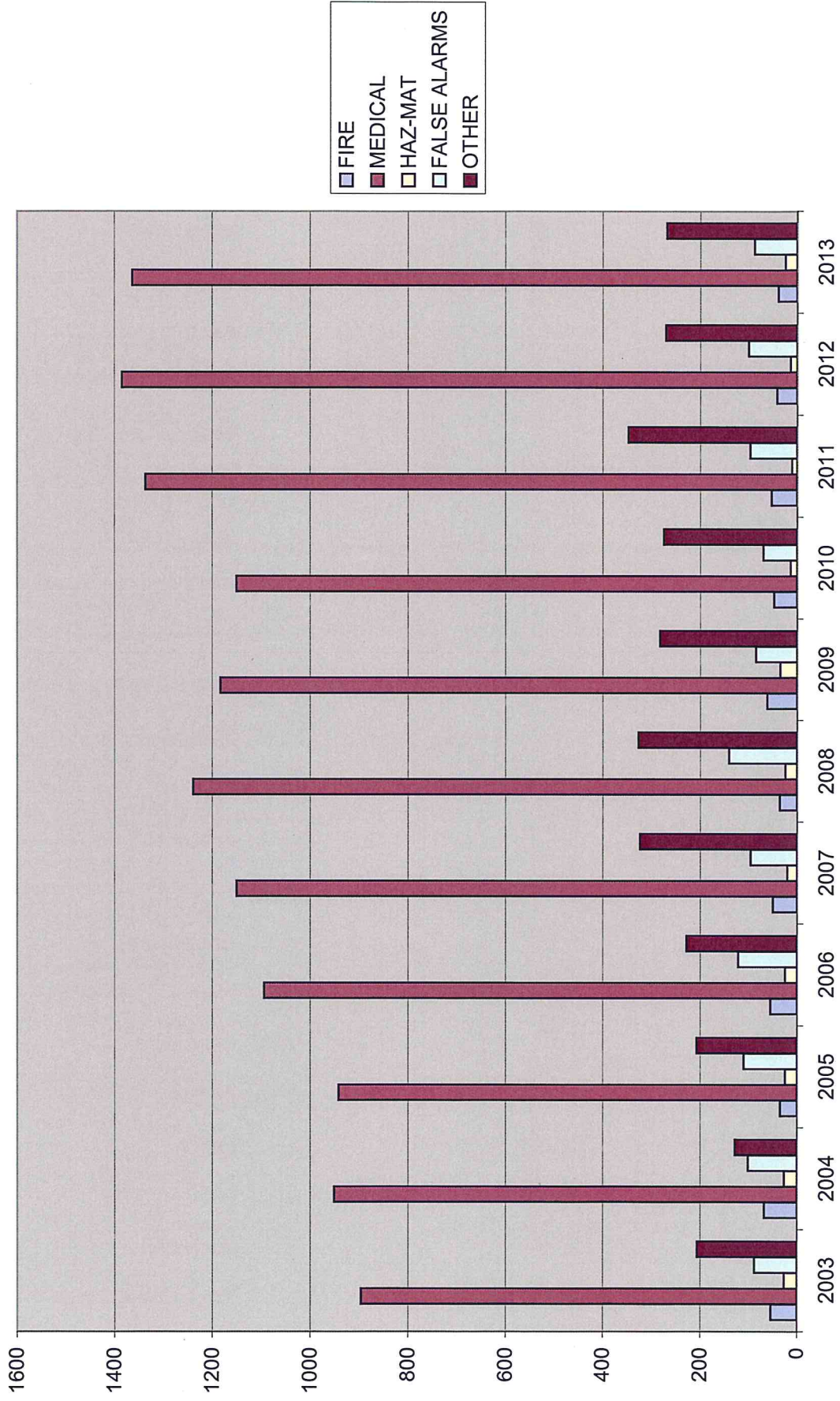
It has always been my goal to make this department the best it can be through a commitment to training, education, safety and community service. As in past years 2013 has been full of fiscal challenges but we will continue to provide the best level of service possible to our citizens. The members of the department appreciate your support, and we look forward to a continued relationship of working for the safety and benefit of all our citizens.

Bangor Township Fire Department

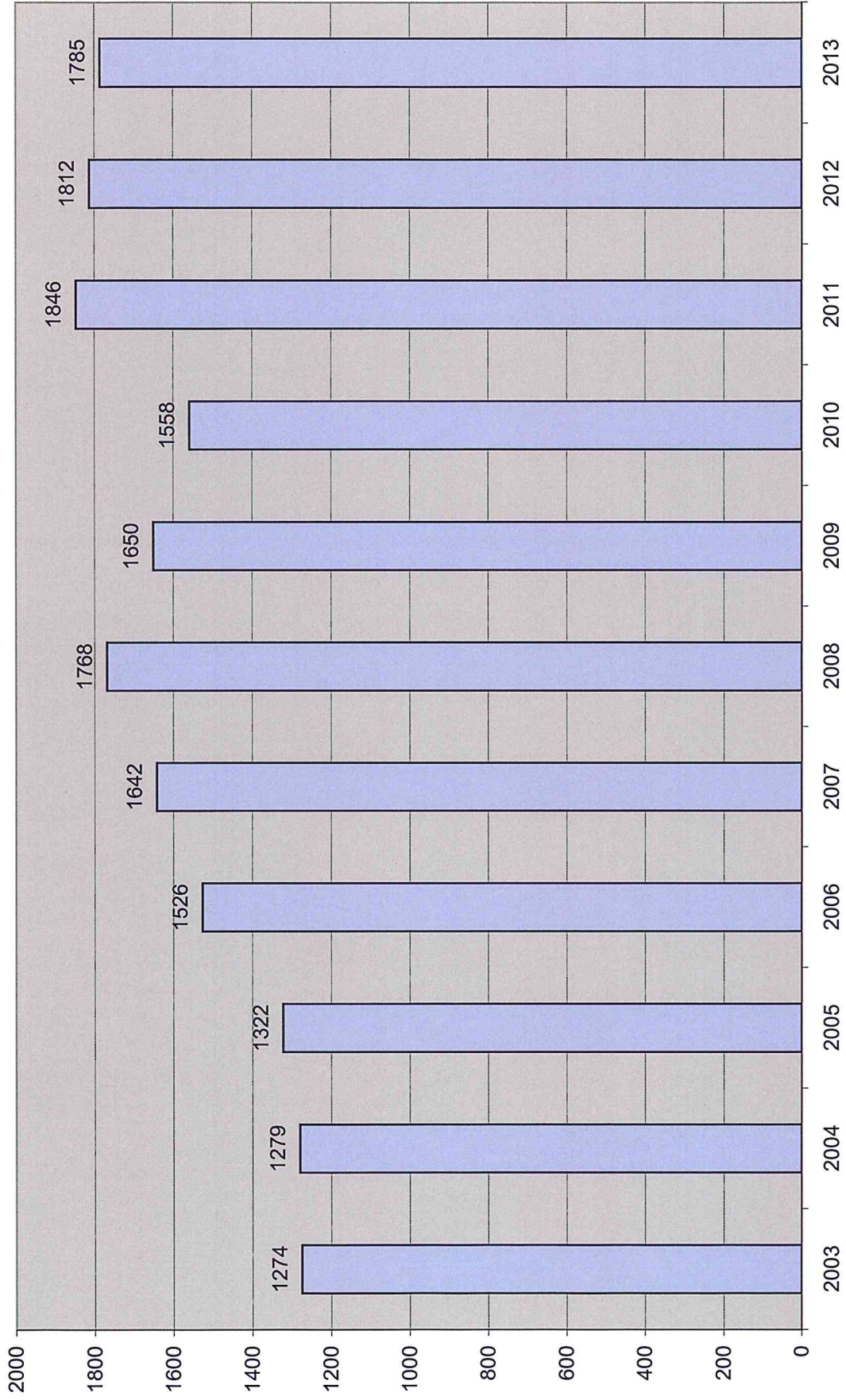
Incident Response 1999 - 2013

YEAR	FIRE	MEDICAL	HAZ-MAT	FALSE ALARMS	OTHER	TOTAL
1999	80	827	51	64	100	1122
2000	89	952	37	80	110	1268
2001	51	878	46	80	113	1168
2002	53	914	35	97	135	1234
2003	55	896	28	89	206	1274
2004	69	951	28	102	129	1279
2005	36	942	26	111	207	1322
2006	56	1094	26	122	228	1526
2007	51	1150	21	97	323	1642
2008	37	1239	25	141	326	1768
2009	63	1183	36	86	282	1650
2010	49	1150	14	71	274	1558
2011	54	1336	11	98	347	1846
2012	43	1384	14	101	270	1812
2013	40	1363	25	89	268	1785

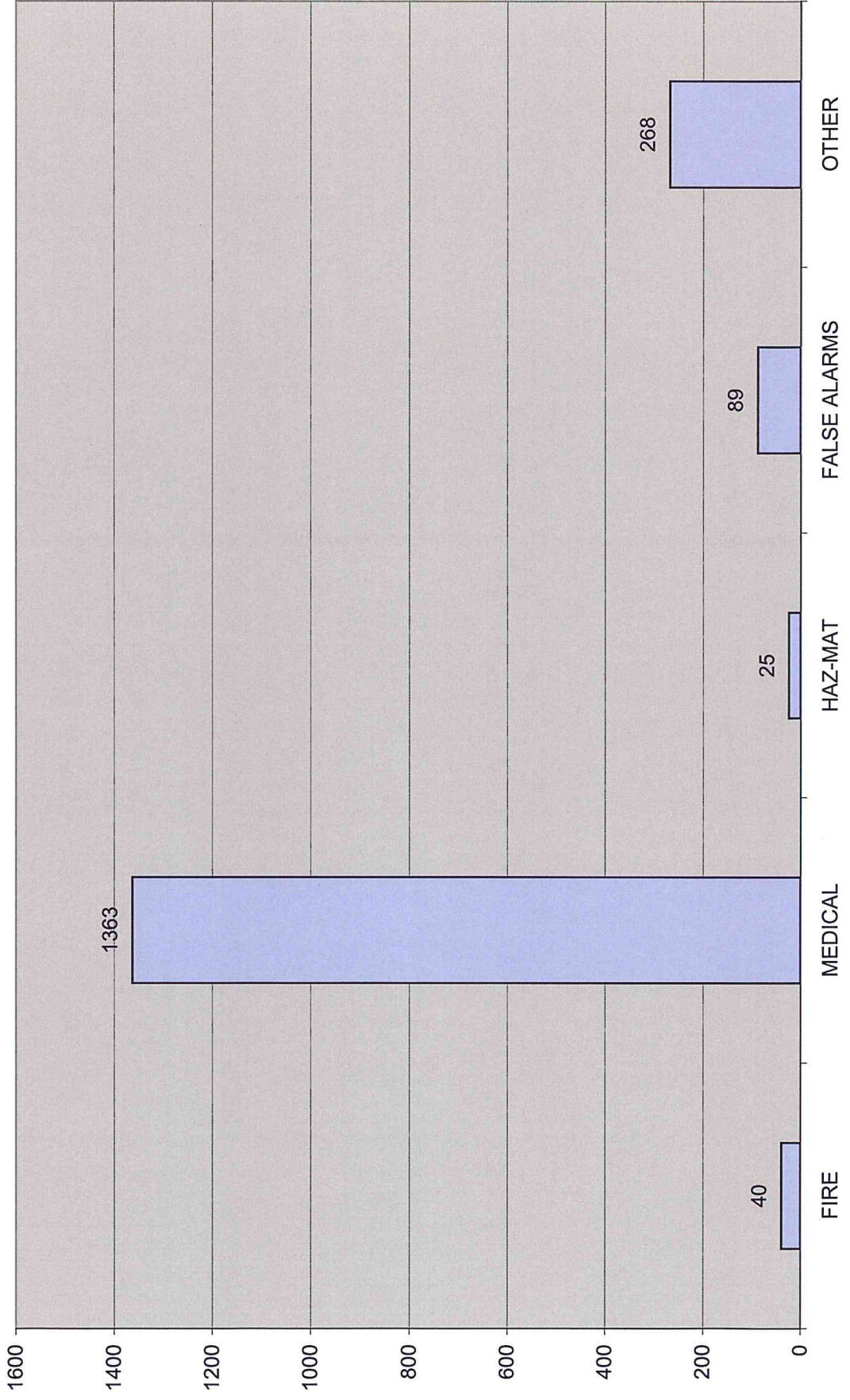
Incidents by Type 2003 - 2013



Incident Response 2003 - 2013



Incident Response by Type 2013



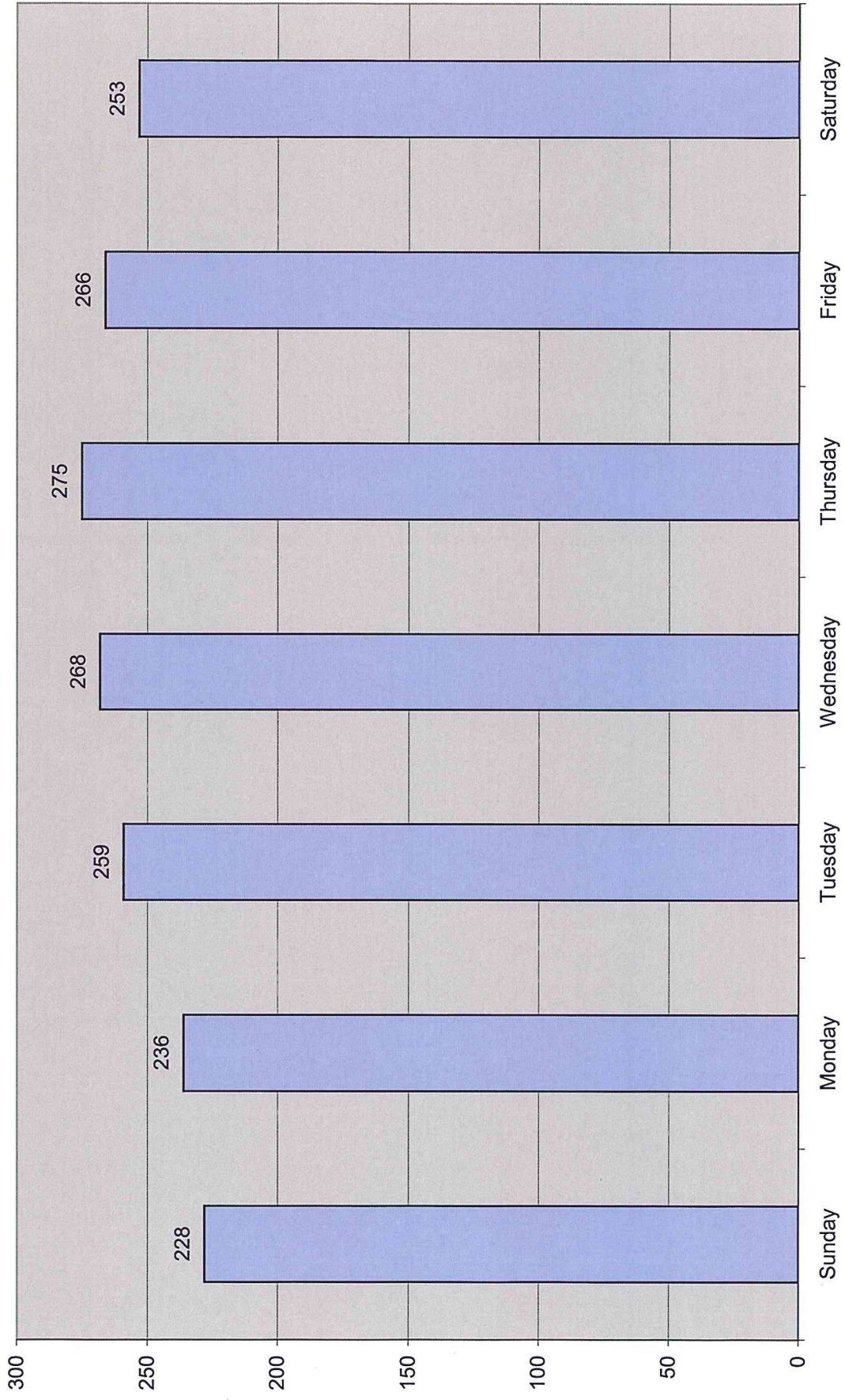
Bangor Township Fire Department Response Statistics 2004-2013

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Average
Average Response Time	3.28	3.04	3.12	3.07	3.64	3.63	3.72	3.75	3.55	3.41	3.42
Incidents by Station											
Station # 6	543	593	667	756	768	723	691	833	851	822	705.91
Station # 7	736	729	801	887	1000	937	867	1013	961	963	877.27
Incidents by Shift											
A Shift	410	413	475	541	641	559	511	615	614	572	523.18
B Shift	393	464	510	520	559	541	503	618	606	595	514.64
C Shift	398	394	469	582	568	550	544	613	592	618	524.45
Incidents by Census Tract											
Tract 58 (South of railroad tracks)	559	593	689	757	772	723	703	819	874	860	716.09
Tract 59 (between RR tracks & Kawkawlin River)	567	566	613	671	793	763	647	751	693	674	663.55
Tract 60 (North of Kawkawlin River)	153	163	222	215	203	174	201	269	242	243	206.36

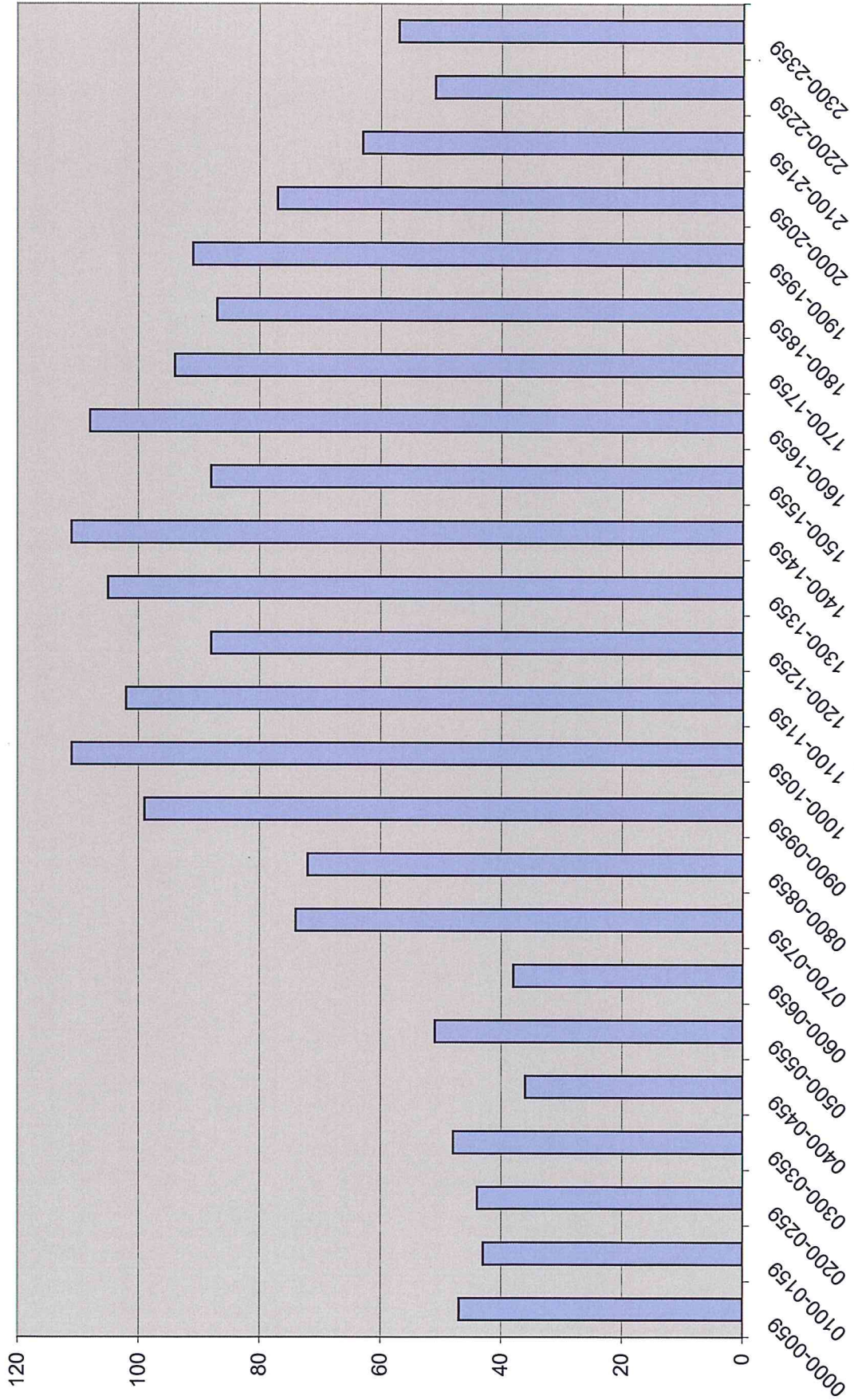
Runs by Hour and Day - 2013

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
0000-0059	7	5	8	8	6	2	11	47
0100-0159	9	4	1	10	7	8	4	43
0200-0259	5	7	10	8	7	3	4	44
0300-0359	6	4	7	10	9	6	6	48
0400-0459	6	4	1	10	3	7	5	36
0500-0559	3	3	13	8	5	8	11	51
0600-0659	6	7	7	2	4	6	6	38
0700-0759	9	10	19	10	16	2	8	74
0800-0859	11	6	11	9	15	10	10	72
0900-0959	12	9	14	20	11	24	9	99
1000-1059	14	14	16	14	17	21	15	111
1100-1159	14	15	17	19	7	16	14	102
1200-1259	9	15	6	15	18	15	10	88
1300-1359	16	15	16	17	17	9	15	105
1400-1459	13	23	19	14	17	11	14	111
1500-1559	8	14	13	10	15	12	16	88
1600-1659	10	18	15	17	13	20	15	108
1700-1759	15	6	10	9	24	10	20	94
1800-1859	17	9	14	10	17	11	9	87
1900-1959	16	11	10	11	17	18	8	91
2000-2059	9	11	8	14	7	16	12	77
2100-2159	4	12	11	10	6	11	9	63
2200-2259	3	4	8	4	10	12	10	51
2300-2359	6	10	5	9	7	8	12	57
	228	236	259	268	275	266	253	

Runs by Day of the Week - 2013



Runs by Hour of the Day - 2013



Mutual Aid - 2013

Date	Incident #	Incident Type	Address	Given/Received	Department
1/23/2013	103	Auto Accident	Euclid AVE	Mutual aid received	Bay City
2/21/2013	233	Building fire	702 N Linn	Mutual aid given	Bay City
2/21/2013	234	Building fire	3100 N Euclid AVE	Mutual aid received	Bay City, Monitor, Portsmouth
3/3/2013	276	Auto Accident	Wilder and State Street	Mutual aid given	Bay City
3/18/2013	351	Building fire	112 Lolls LN	Mutual aid given	Bay City
4/1/2013	422	Medical	3760 S Two Mile RD	Mutual aid given	Monitor Township
5/21/2013	669	Building fire	3337 W Douglas DR	Mutual aid received	Bay City, Monitor, Kawkawlin
5/26/2013	694	Building fire	1268 E Midland RD	Mutual aid given	Monitor Township
6/13/2013	788	Building fire	2844 Two Mile RD	Mutual aid given	Kawkawlin Township
6/25/2013	844	Building fire	507 King ST	Mutual aid given	Bay City
7/16/2013	944	Building fire	307 E Hart	Mutual aid given	Bay City
8/3/2013	1042	Auto Accident	3840 E Wilder RD	Mutual aid given	Bay City
8/29/2013	1173	Assist invalid	4640 Fox Pointe DR, 414	Mutual aid received	Monitor Township
10/17/2013	1406	Building fire	3249 Boy Scout RD	Mutual aid received	Bay City, Monitor Township
11/3/2013	1478	Building fire	3470 E North Union ST	Mutual aid received	Bay City, Monitor Township
11/7/2013	1504	Building fire	805 Patterson RD	Mutual aid given	Bay City

FIRE MARSHALS DIVISION

2013 INSPECTION AND ACTIVITY REPORT

82	Routine Inspections
111	Re-inspections
8	Complaint Inspections
25	Fire Suppression / Alarm Systems
48	New Construction Inspections
173	Engine Company Inspections
101	Engine Company Re-inspections
548	TOTAL INSPECTIONS
694	Violations Written
568	Violations Corrected
9	Fire Investigations
27	Plan Reviews
137	Fire Safety Presentations

OTHER:

Michigan Fire Inspectors Society Fall Educational Seminar

Underground Storage Tank Seminar

Waste Water Treatment Plant Tabletop Exercise

**Boy Scout Rd.
October 16, 2013**



**North Union St.
November 2, 2013**

