



2011 ANNUAL REPORT



BARRIE FIRE AND EMERGENCY SERVICE

DEDICATED TO LIFE SAFETY

COMMITTED TO COMMUNITY SERVICE

APRIL 2012

VISION STATEMENT

The *VISION* of the Barrie and Fire Emergency Service is to be a dynamic organization recognized and respected by the community as being on the leading edge of service provision.

MISSION STATEMENT

The *MISSION* of the Barrie Fire and Emergency Service is to protect the lives, well being and property of the people of Barrie through dedication to life safety, commitment to community service and the preservation of the environment.



The *VALUES* of Barrie Fire and Emergency Service reflect leadership through team involvement encompassing:

- Safety
- Professionalism
- Commitment
- Accountability
- Efficiency
- Integrity
- Innovation

ESTABLISHED 1844

Table of Contents

Vision and Mission Statement	1
Mayor and Members of Council.....	3
Message from the Chief	4
Branches.....	5
Three Levels of Defense	6
Legislation	7
Five Year Incident Response.....	8
2011 Incidents by Type	9
Incidents by Month – 2010 - 2011.....	10
5 Year – 6 Minutes Road Response Average	11
5 Year – 10 Fire Fighters on the Scene Within 10 Minutes to a Single Family Residence.....	12
5 Year Dollar Losses	13
5 Year Injuries and Fatalities	14
5 Year Training Hours	15
5 Year Communications Revenue	16
5 Year Communications Call Volumes	17
5 Year Fire Code Inspections	18
5 Year Public Education Events	19
Operating Cost Per \$1,000 of Assessment.....	20
2011 Accomplishments	21
2012 Goals.....	22



Mayor and Members of City of Barrie Council



**Mayor
Jeff Lehman**



**Bonnie Ainsworth
Ward 1**



**Lynn Strachan
Ward 2**



**Doug Shipley
Ward 3**



**Barry Ward
Ward 4**



**Peter Silveira
Ward 5**



**Michael Prowse
Ward 6**



**John Brassard
Ward 7**



**Jennifer Robinson
Ward 8**



**Brian Jackson
Ward 9**



**Alex Nuttall
Ward 10**

MESSAGE FROM THE FIRE CHIEF



John Lynn, Fire Chief

2011 has been one of the most exciting years in the history of Barrie Fire and Emergency Service. In July 2011, the new Barrie Fire and Emergency Service Headquarters was officially dedicated to serve and protect the citizens of Barrie. The new Station houses the Administration Branch, Operations Branch, Fire Prevention and Public Fire and Life Safety Branch, the Training Branch, a state of the art Communications Centre and the City's new Emergency Operations Centre. This new facility will serve the City of Barrie for years to come. This would not have been possible without stimulus funding from the Federal and Provincial Governments matching the City of Barrie's commitment. 2011 was the 167th anniversary of Barrie Fire and Emergency Service and needless to say, the City of Barrie and the fire service has changed dramatically. The community's reliance and expectations of the service has increased to include a vast array of other services including technical rescues that require specialized training, apparatus and equipment.

Barrie Fire and Emergency Service is one of three essential emergency services that serve the City of Barrie and cooperatively protect lives and property in the City. Strategic location of the fire stations is accomplished through GIS

response modelling, and assist in enhancing our ability to reach the citizens in a timely manner to mitigate incidents and to protect lives and property. Constant monitoring of the changing demographics of an ever expanding community is required to accomplish our goals and public expectations of a modern fire service.

Current and future infrastructure, intensification and growth all contribute to strategic planning the fire service of the future. This can only be accomplished with the collaboration of multiple city departments.

In 2011, an Environics Citizen Survey conducted by the City of Barrie rated the fire service as the overall most important city service. Surveys of BFES service delivery show a consistent customer satisfaction rating of in excess of 95% over the past 4 years.

The success of Barrie Fire and Emergency Service would not be possible without the support of City Council, the Executive Management Team and most importantly, the members of the Barrie Fire and Emergency Service.

BRANCHES

Administration

Fire Prevention and Fire and Life Safety Education

Operations

Training

Communications



SIMCOE COUNTY ARCHIVES - 1895

The five branches of Barrie Fire and Emergency Service provide a complete range of services including; strategic planning, business plan development, the legislated requirements of fire code enforcement including public fire and life safety education, incident response to fires including many types of technical rescues, training to multiple legislated requirements, communications to both internal and external customers, and revenue from other municipalities to name a few.

THREE LEVELS OF DEFENSE

Public Education

Code Enforcement

Incident Response



The fire service is legislated to provide three levels of defense as listed above. Most fires and incident response are preventable. These lines of defense are consistent with almost all types of incidents that BFES respond to, not just fires.

A thorough program of public education is the first line of defense in reducing the risk of an incident. Unfortunately, there is no sustainable measurement available to quantify the effectiveness of this initiative in reducing the number of incidents that require a fire department response. Although the number of incidents may be reduced, the number of potential responses that have been mitigated by public education cannot be truly measured. Regardless, public education saves lives and property.

Code enforcement through our Fire Prevention Branch ensures that our buildings, businesses and citizens are in compliance with the various legislated requirements of the Fire Protection and Prevention Act, 1997. When it becomes obvious that voluntary compliance with recognized best practice is not taking place, legislation is enacted to require compliance. The most recent being substantial changes to the Propane Handling Act as a result of the Sunrise Propane explosion in Toronto, which has brought added responsibilities to the fire service.

Incident response, involving our fleet of fire apparatus, is the failsafe position for those times when an emergency does occur. Incident response cannot be eliminated totally - there will continue to be the need for emergency response, whether accidental, deliberate or natural. Response capabilities must be available to respond and mitigate the condition.

The City of Barrie has its own unique set of needs and circumstances based on the risk assessment of building stock, historic events, levels of service and the various types of responses.

LEGISLATION AFFECTING THE FIRE SERVICE

Fire Protection and Prevention Act

Occupational Health and Safety Act

OH&S Section 21 Committee

Municipal Act

Propane Handling Act

Environmental Protection Act

Emergency Management and Civil Protection Act

Labour Relations Act

Municipal Freedom of Information and Protection Act

Ontario Fire Code

Building Code

Coroners Act

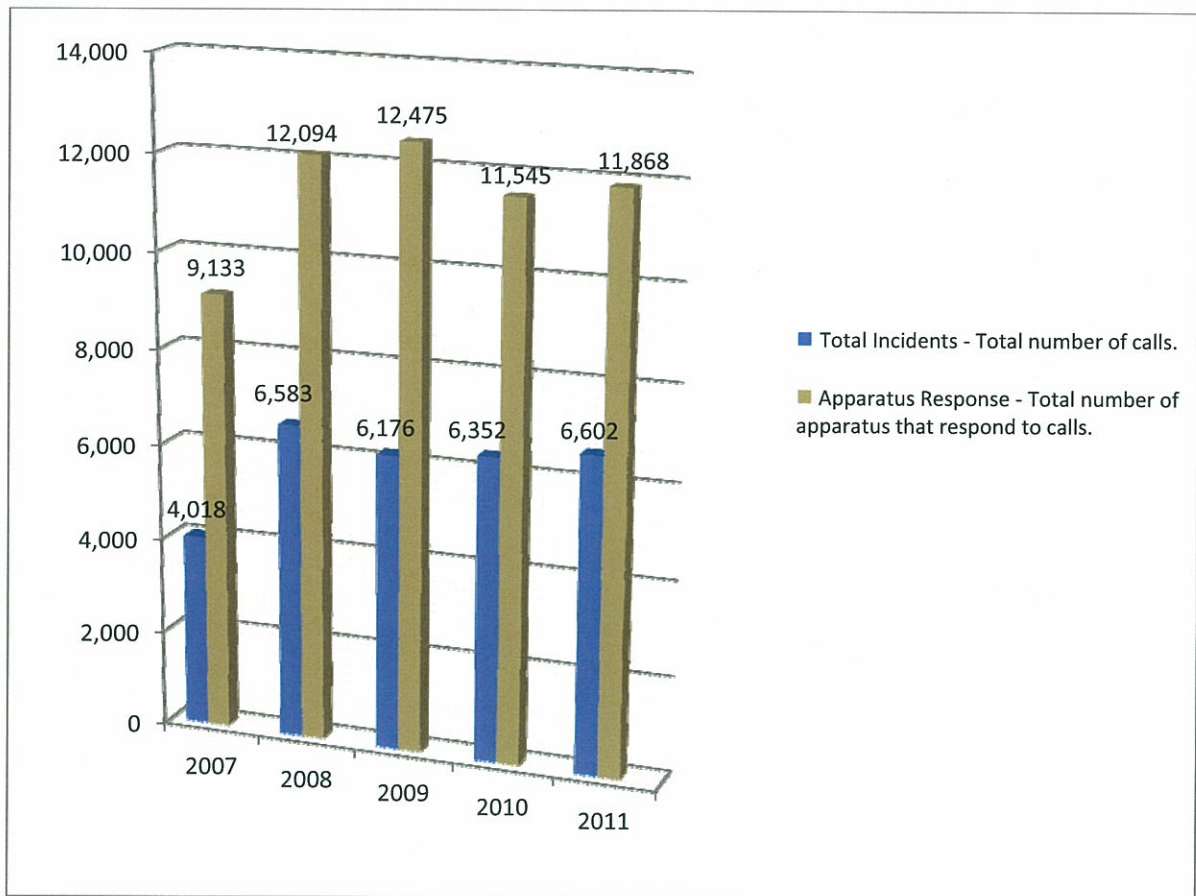
National Fire Protection Association Standards

Canadian Safety Association

Public Fire Safety Guidelines (82)

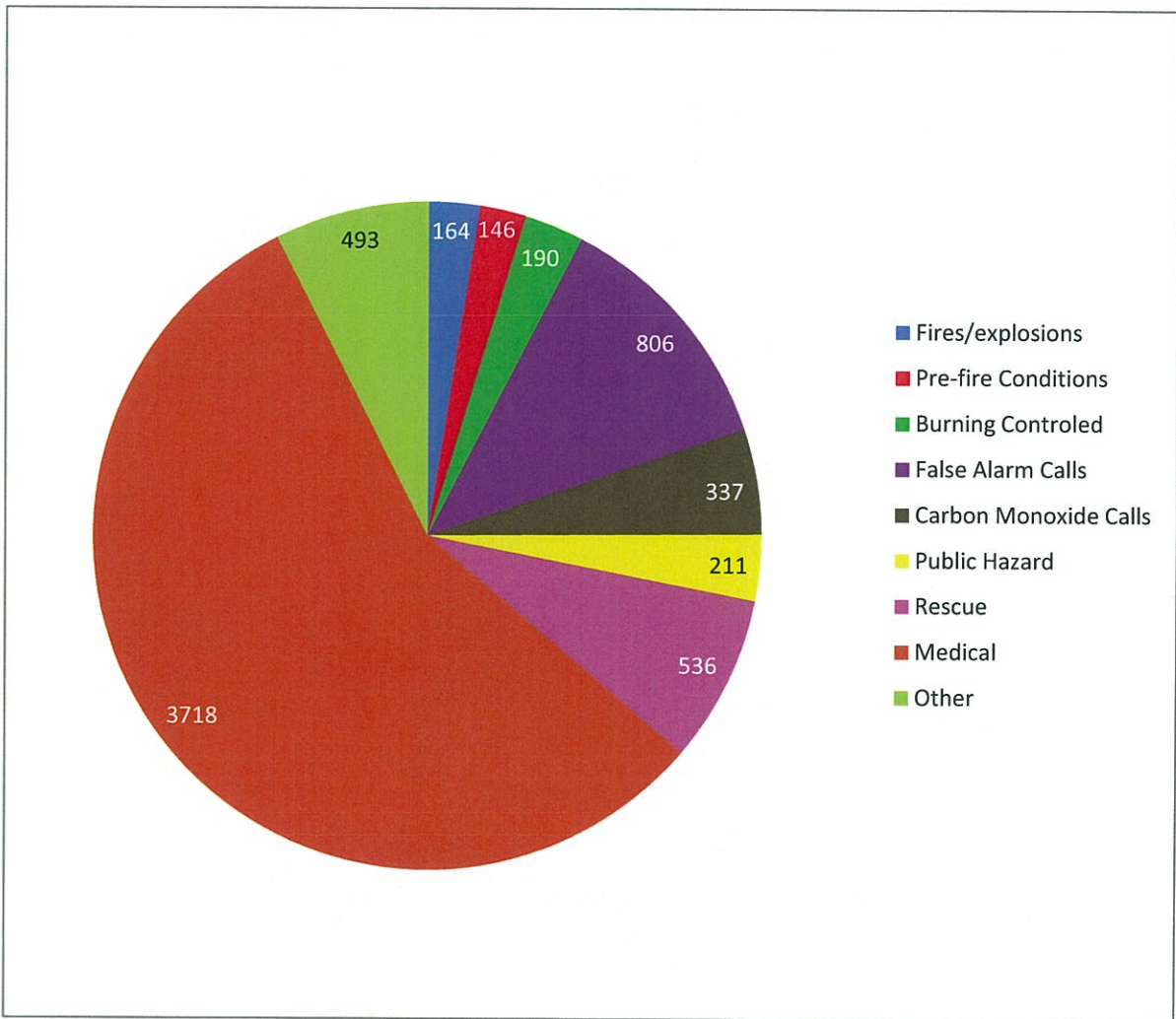


FIVE YEAR INCIDENT RESPONSE

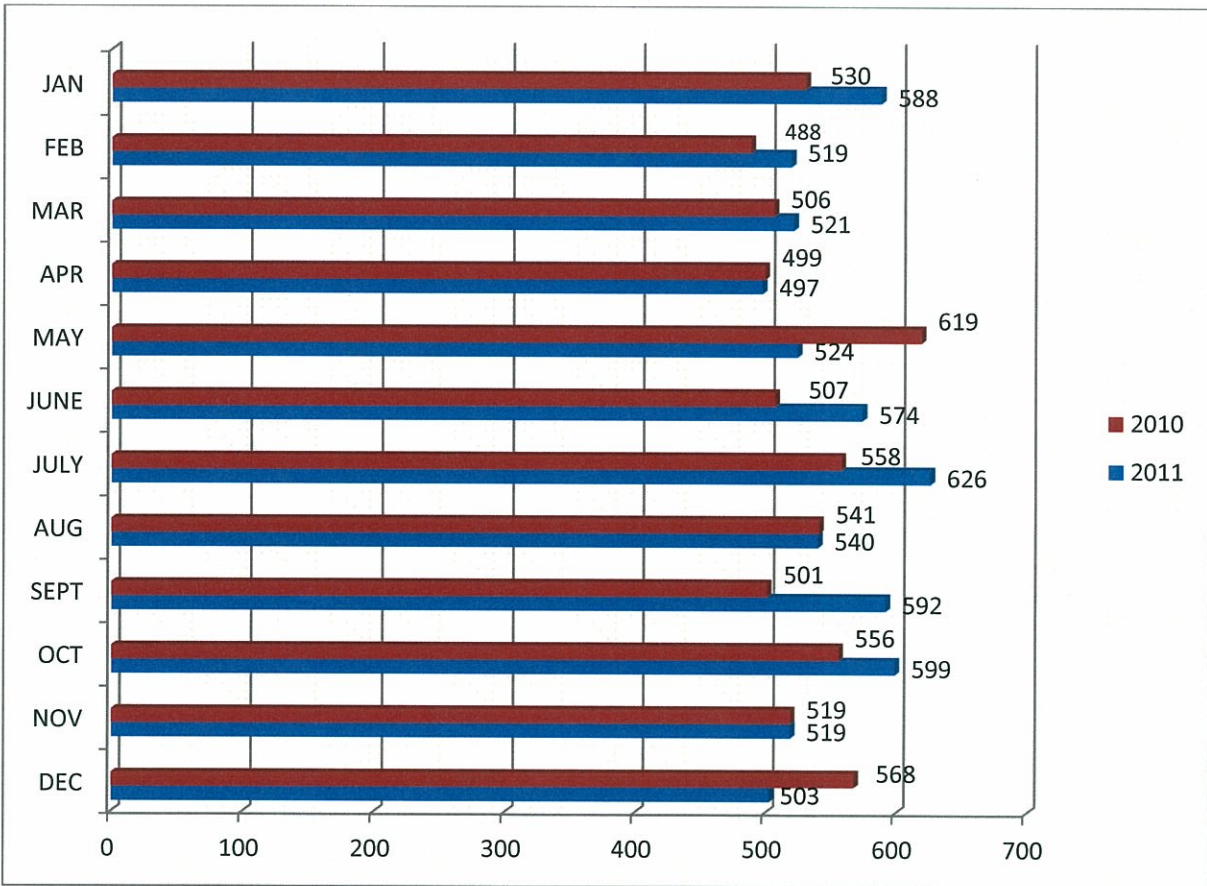


In 2008 the Tiered Medical Agreement was revised to include responses to life threatening incidents.

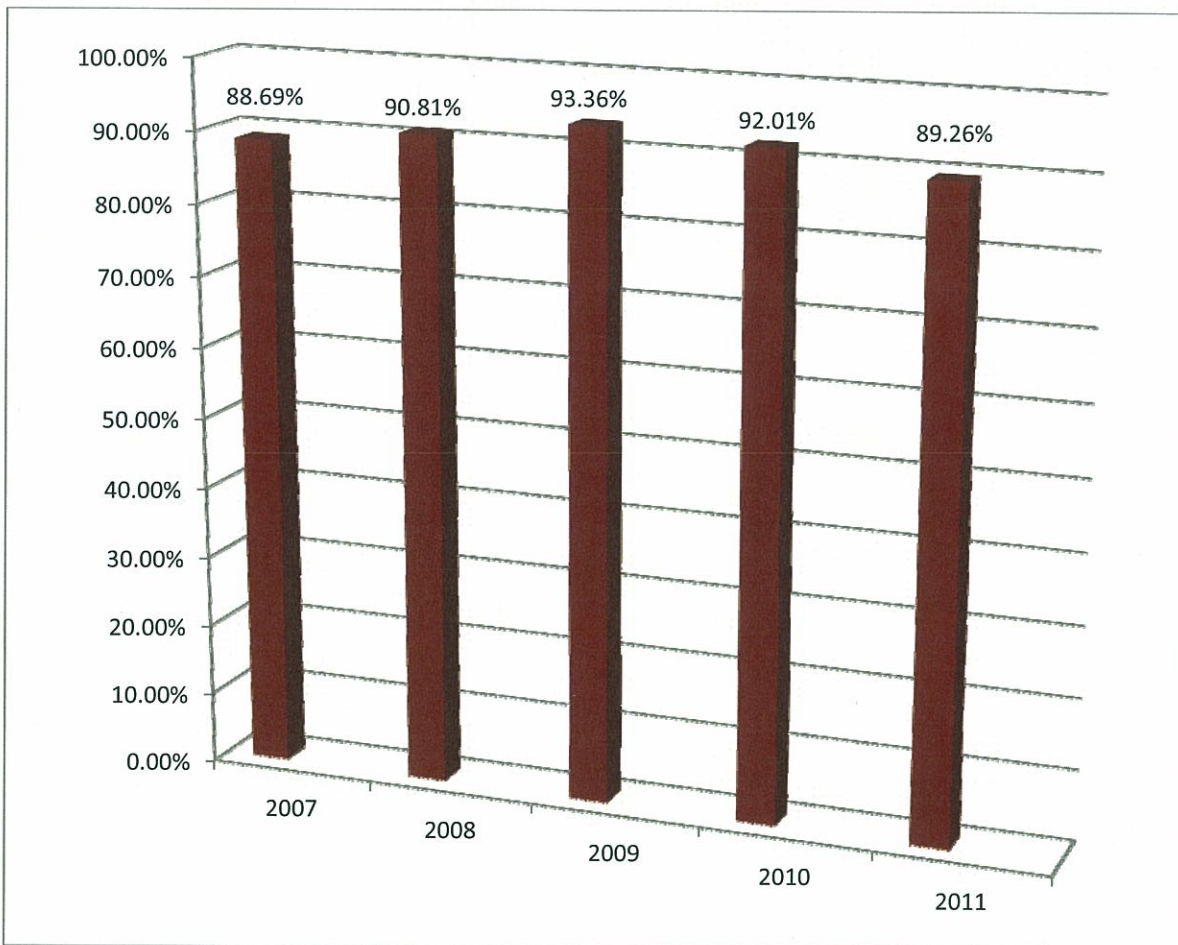
2011 INCIDENTS BY TYPE



INCIDENTS BY MONTH – 2010-2011



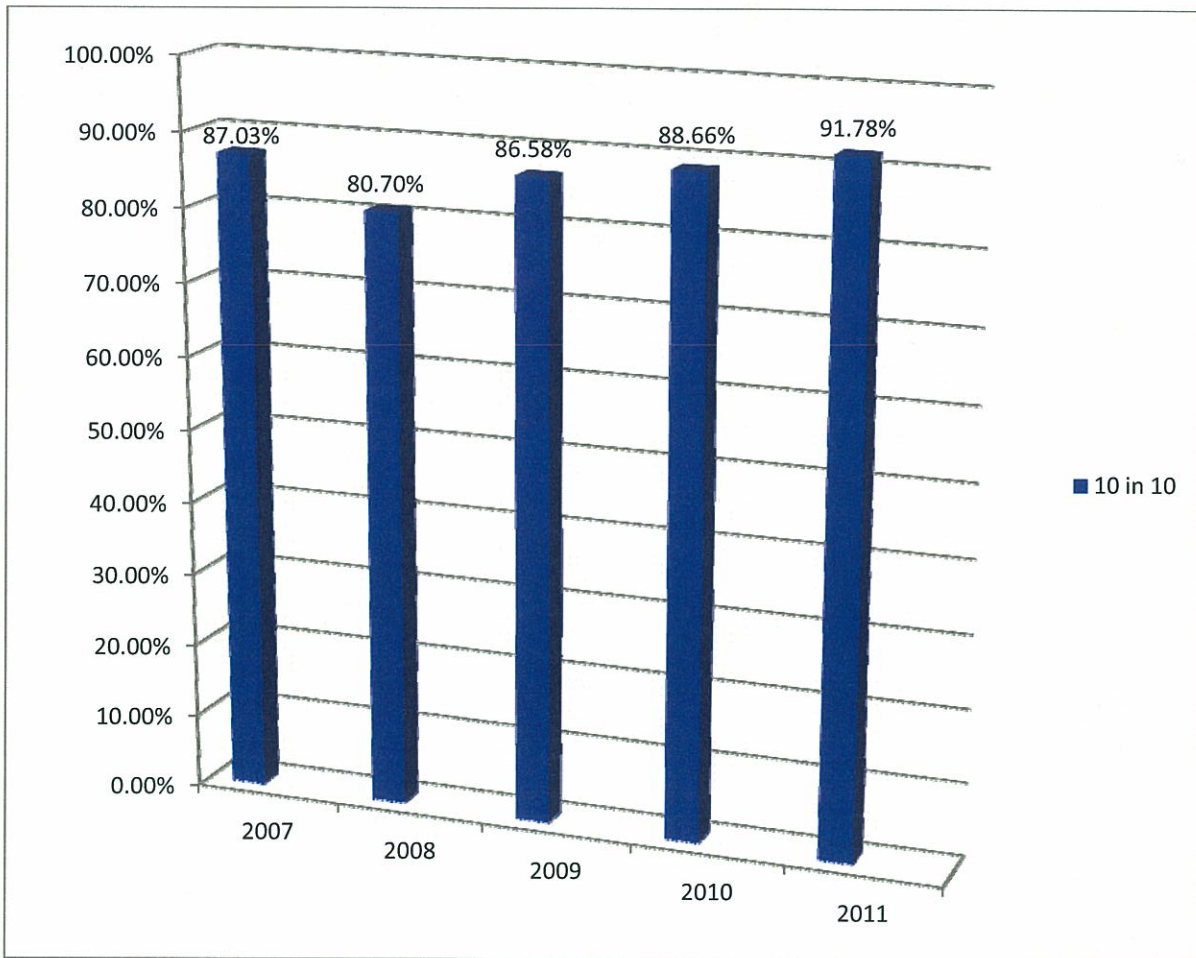
5 YEAR – 6 MINUTE ROAD RESPONSE AVERAGE



2009 – Second Aerial placed in service.

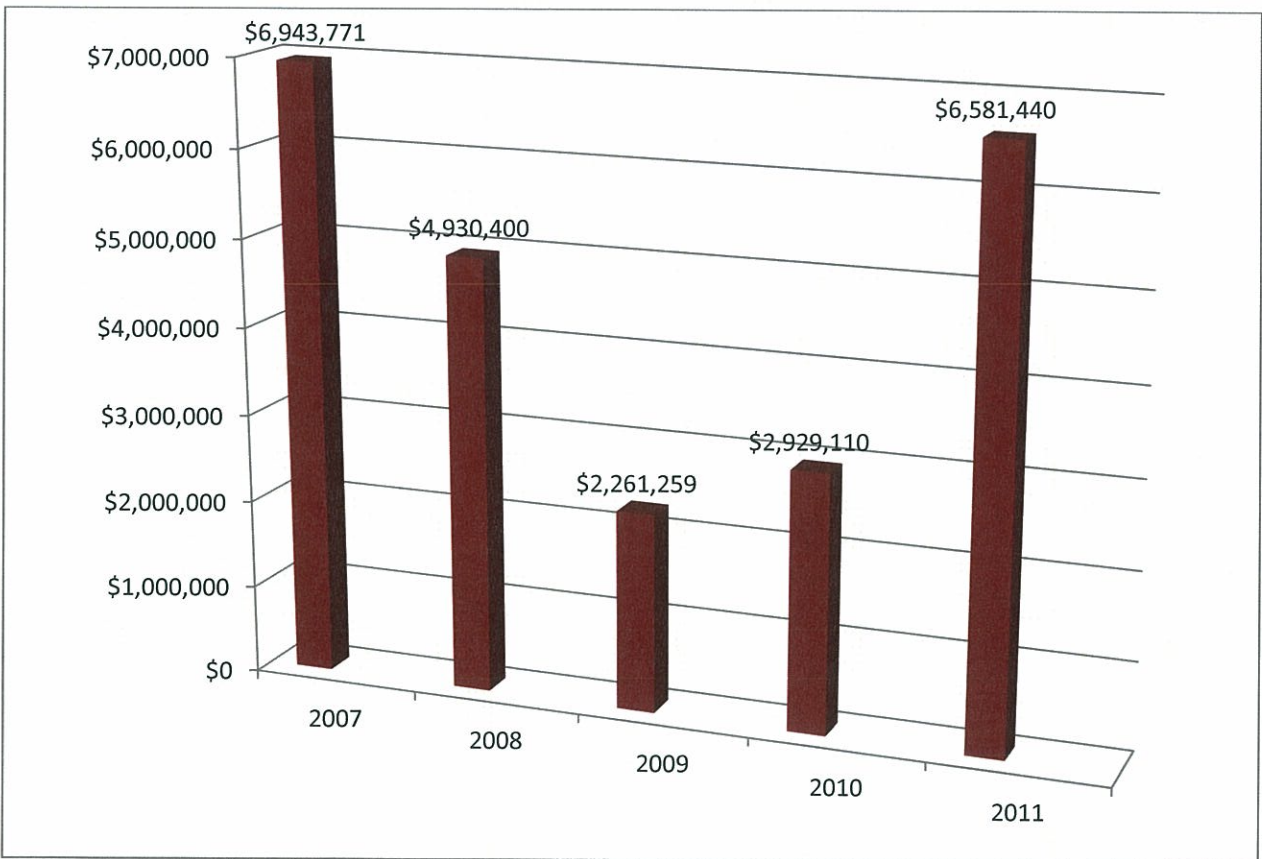
Variations in percentages can be expected due to incident densities during the year.

5 YEAR 10 FIREFIGHTERS ON THE SCENE WITH 10 MINUTES TO A SINGLE FAMILY RESIDENCE



2009 – Second Aerial placed in service.

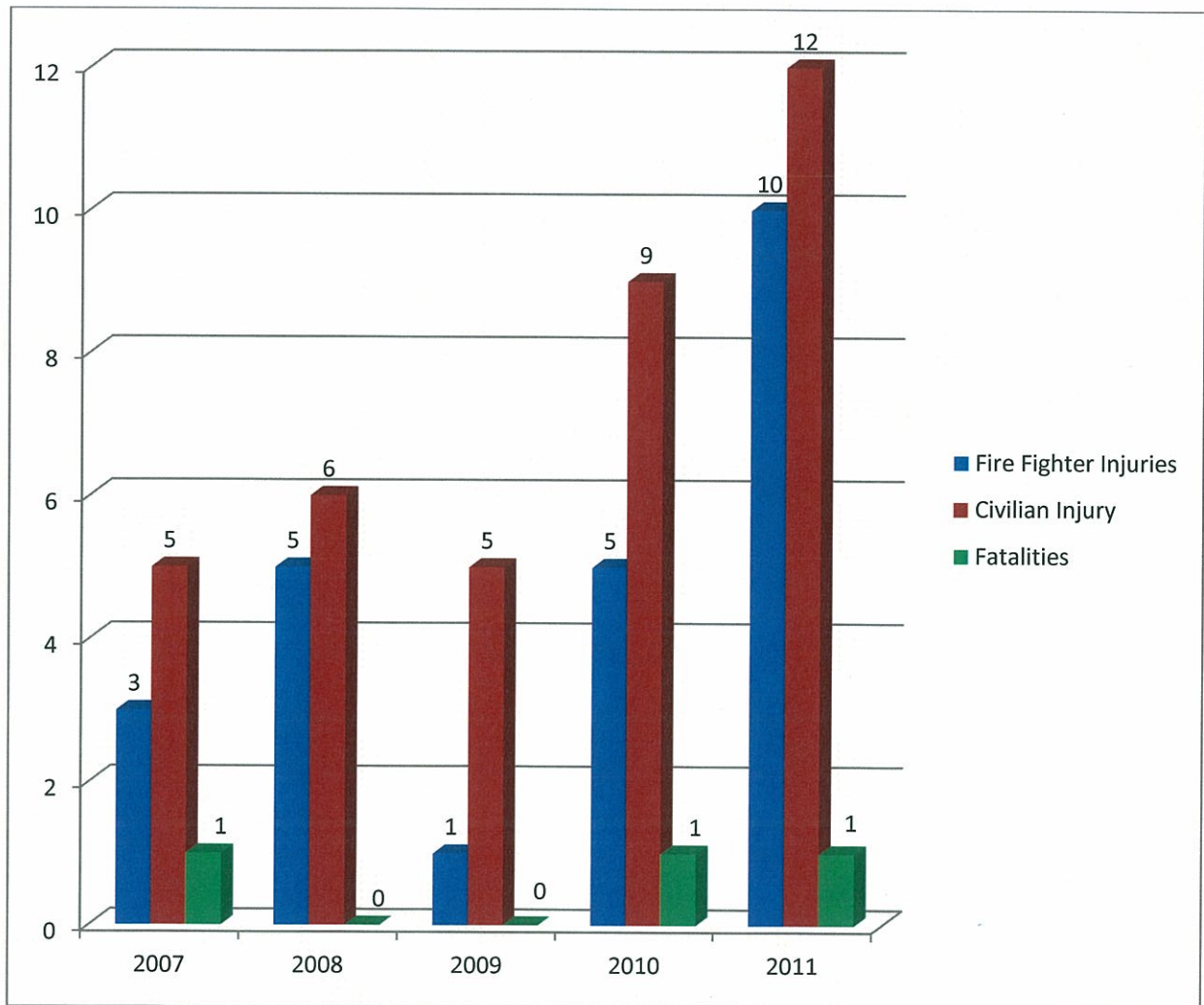
5 YEAR DOLLAR LOSSES



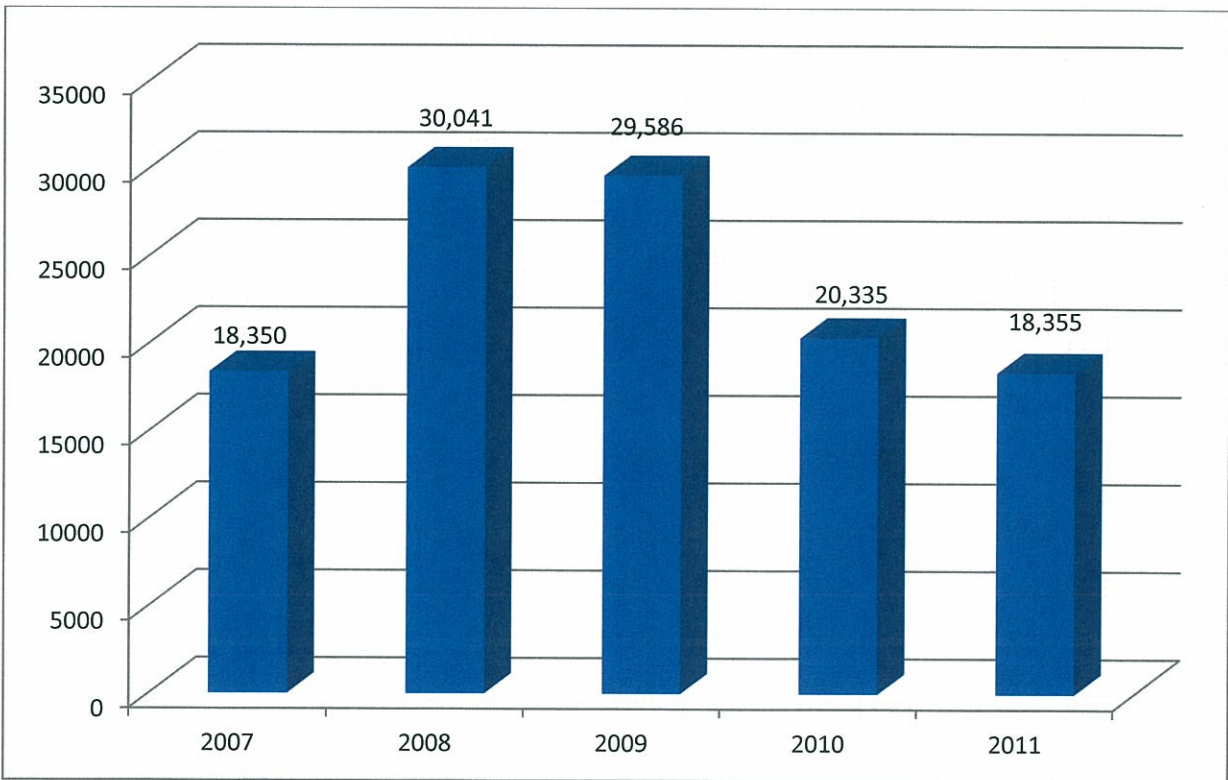
2007 – 5 Points Fire \$4,000,000 loss. The value saved in excess of \$20,000,000 for this fire.

2011 – 2 industrial fires in excess of \$1,000,000 each. Value saved in excess of \$15,000,000.

5 YEAR INJURIES AND FATALITIES

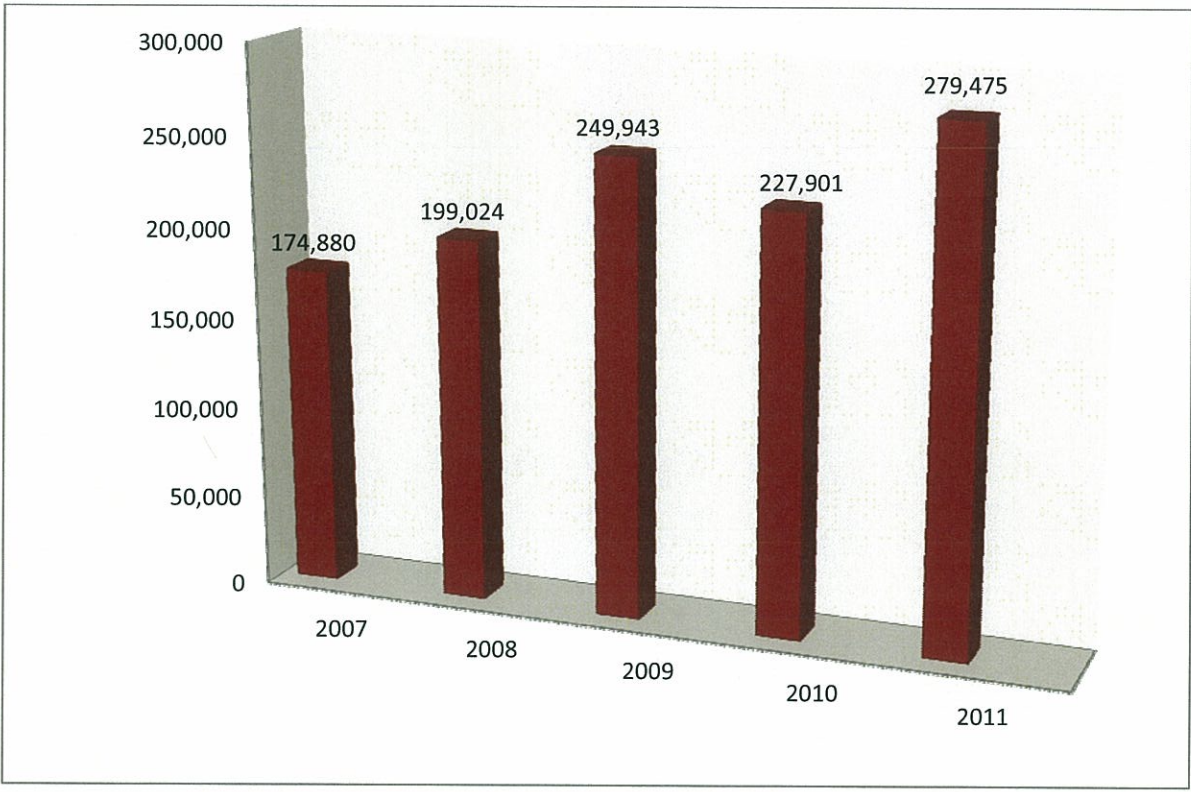


5 YEAR TRAINING HOURS



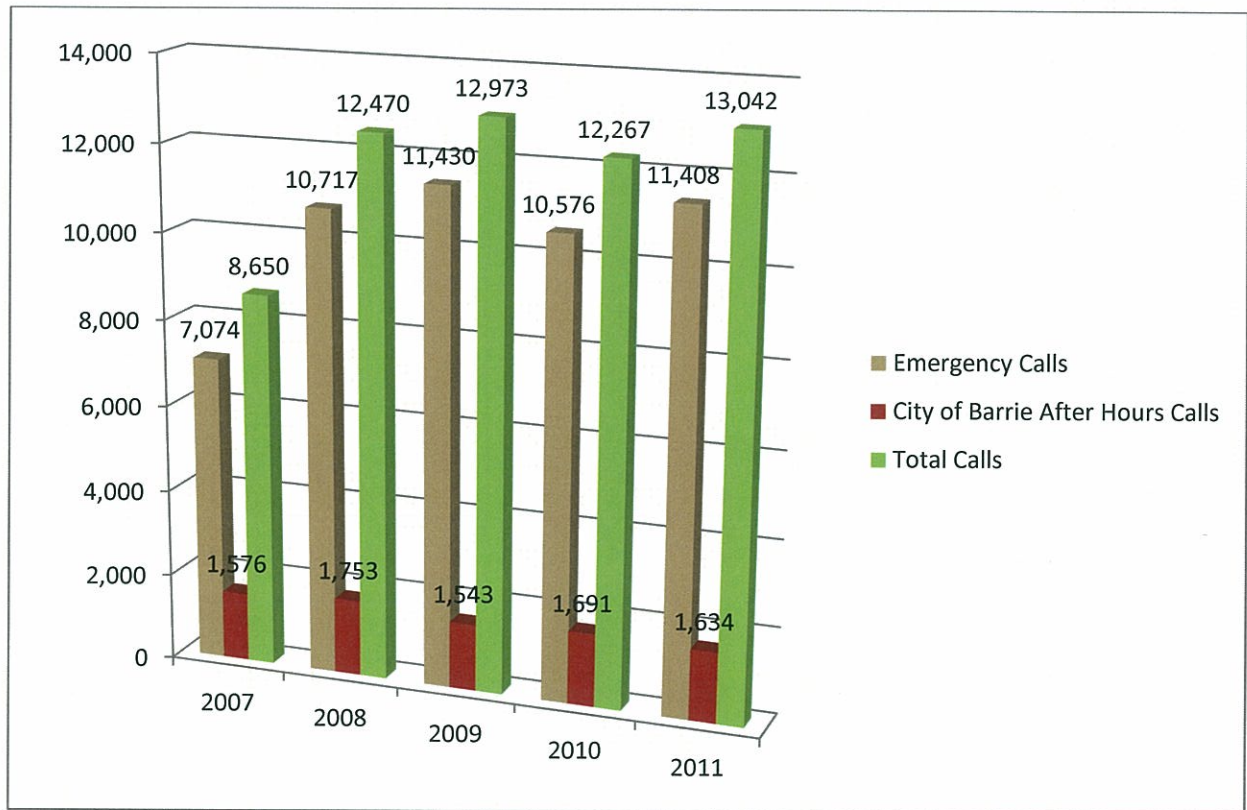
2008 – 2009 Recruit training for second Aerial

5 YEAR COMMUNICATIONS REVENUE

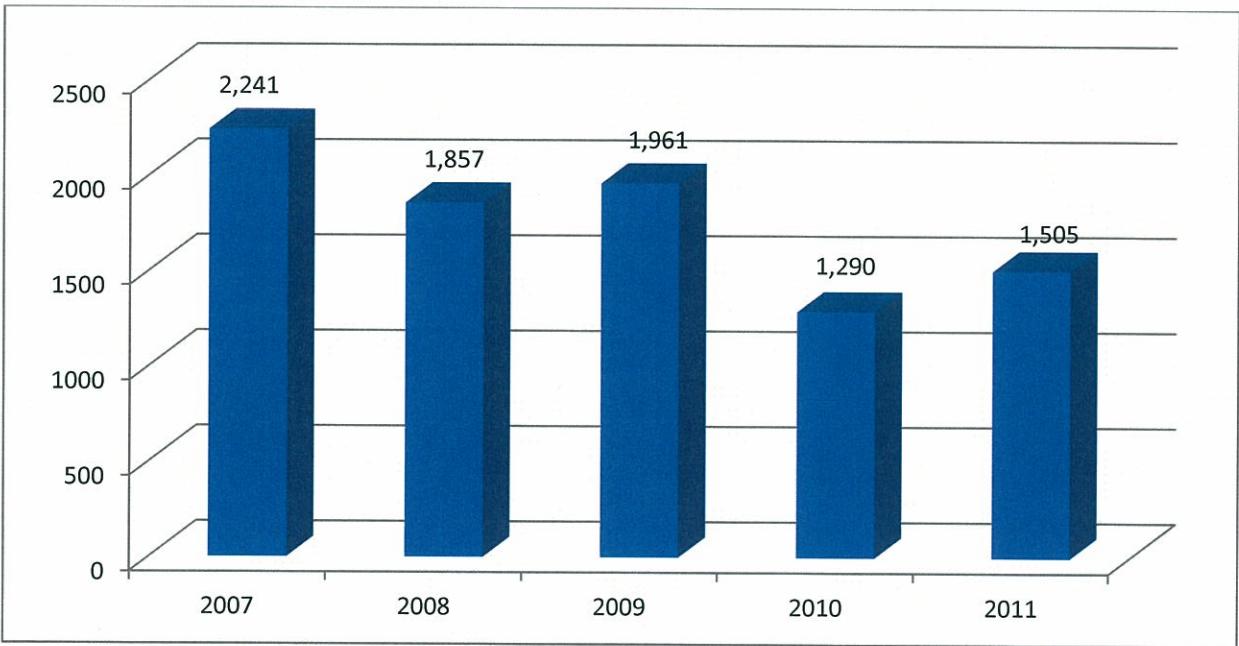


2010 Revenue was decreased because of the withdrawal of one municipality. In 2011 there was an agreed to revenue splitting between BFES and ICT. ICT received \$78,000 in revenue in 2011.

5 YEAR COMMUNICATIONS CALL VOLUMES



5 YEAR FIRE CODE INSPECTIONS

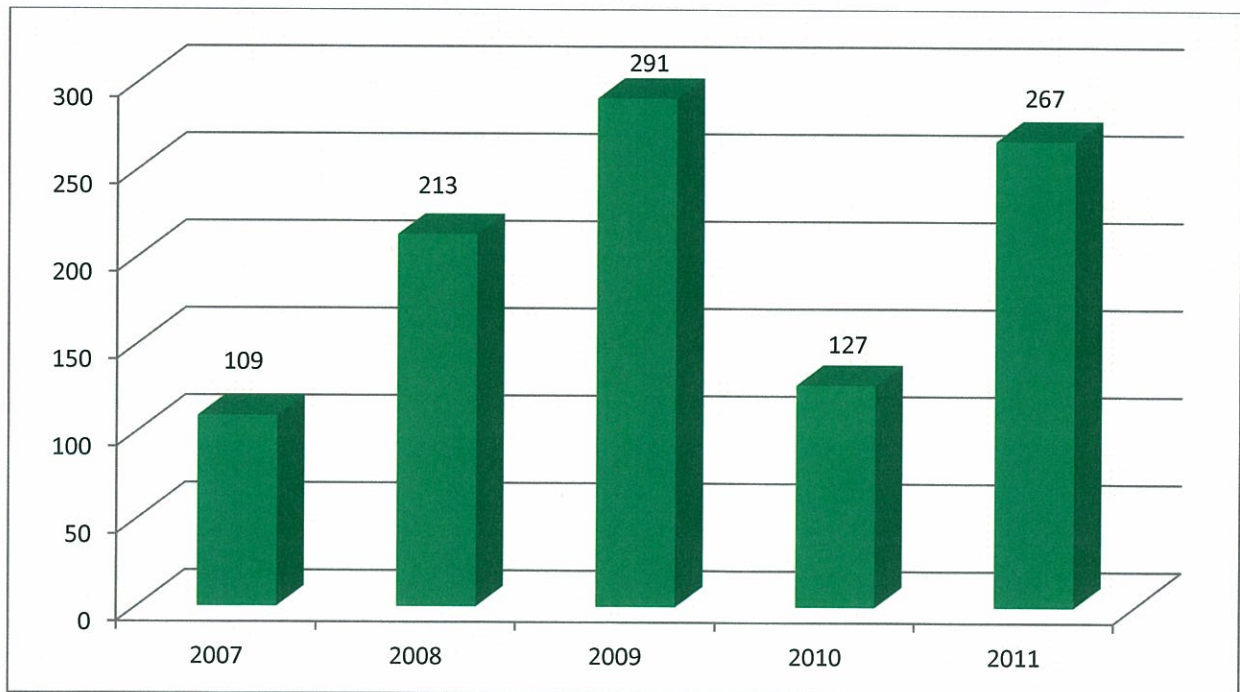


2007 – Downtown blitz after 3 downtown fires.

2010 – Staff shortage due to transfer

2011 – New Propane Regulations came into effect, considerable staff time required.
Considerable staff time was consumed by 2 industrial establishments to bring one up to Code Compliance and court time for prosecution of the other.

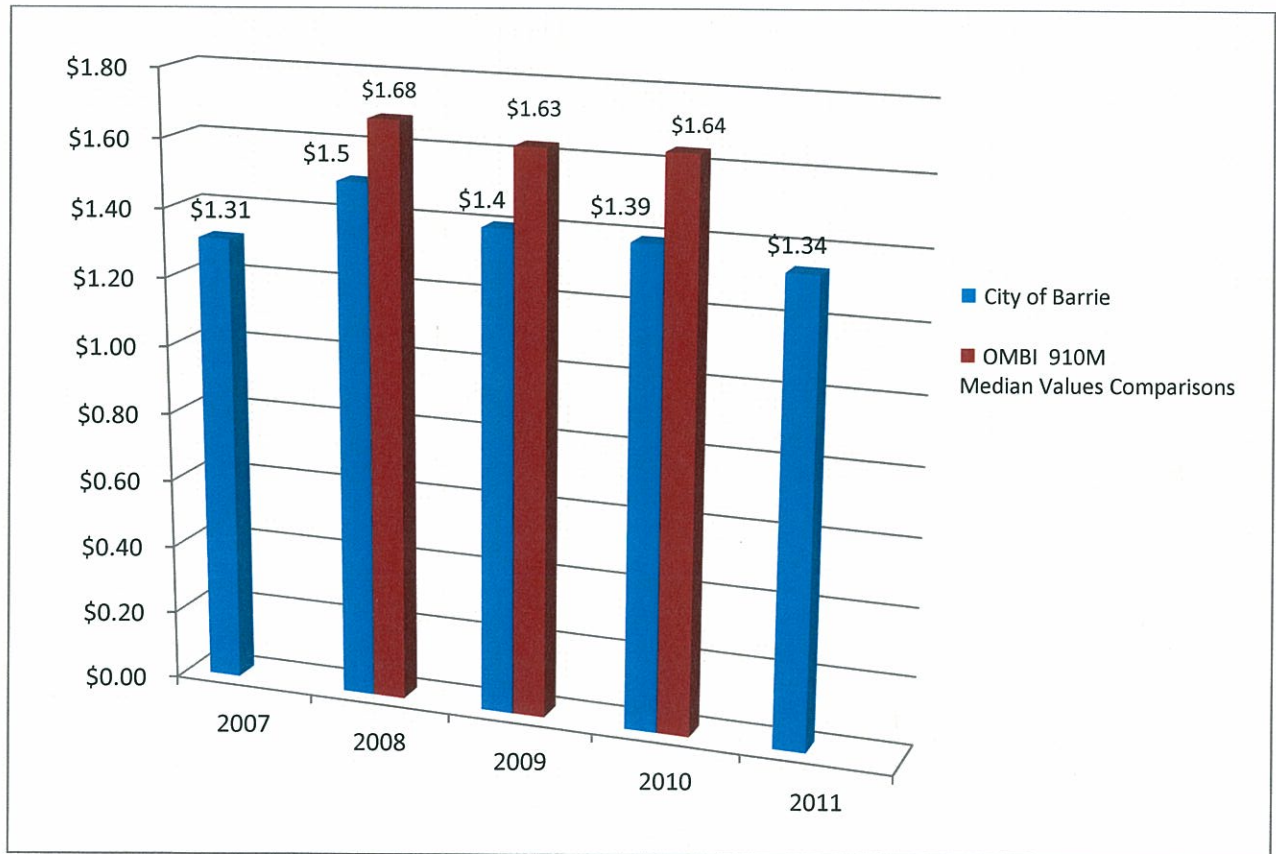
5 YEAR PUBLIC EDUCATION EVENTS



2010 – Shortage due to staff transfer

2011 – Position not replaced until Aug. 2011

OPERATING COSTS PER \$1,000 OF ASSESSMENT



2011 ACCOMPLISHMENTS



- Dedication of the new Barrie Fire and Emergency Service Headquarters.
- Open house at the new Headquarters that attracted more than 2,000 citizens.
- Hiring of a Public Life and Safety Officer.
- Signing of a Haz-Mat Agreement with the County of Simcoe and Municipalities to provide a County wide Haz-Mat Team consisting of Barrie Fire and Emergency Service, Barrie Police, and County Paramedics.
- Attraction of an additional client to our Communications Branch.
- Successful Expression of Interest for development of a temporary Station 5 in the south-west quadrant of Barrie.
- An Ontario Fire Marshals Public Fire Safety Award for The Butcher Shop, a Barrie business for their commitment and dedication to community projects.
- Completion of transformation of data and more accurate reporting to align with OMBI measures.
- Being selected by the Province to be an early adopter of simultaneous dispatch saving the City about \$50,000.
- Partnering with Sunnybrook Hospital for medical monitoring and firefighting training to ensure service delivery consistent with pre-hospital care.
- Completion of our third Stats-Canada survey in 5 years on fire prevention/public safety and emergency preparedness.
- Second year of Ontario Municipal Benchmarking Initiative reporting, allowing for a more comprehensive analysis of service delivery with other municipalities.

2012 GOALS



- Completion of a Fire Station location study city wide.
- Recruitment and opening of Station 5.
- Review and revise the Fire Master Plan.
- Review and revise the Establishing and Regulating By-law.
- Implementation of simultaneous dispatching with the MOH.
- Attracting more client base for Communications reducing reliance on tax supported increases.
- Development of service delivery to other communities reducing reliance on tax supported increases.
- Process mapping of Fire Prevention Inspection delivery.