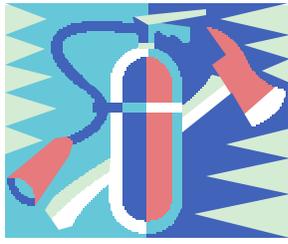


Holland Fire Department

2006 Annual Report





Holland Fire Department Annual Report - 2006

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MISSION STATEMENT

The Mission of the Holland Fire Department is to Provide Excellent Life and Property Safety to the Community by

Aggressively Enforcing Modern Fire Prevention Codes and Laws;

Effectively Educating the Public of its Role in Fire Safety;

Safely and Efficiently Extinguishing Fires; and

Providing Emergency Medical, Hazardous Materials and Other Services Consistent with the Role of a Modern Fire Department.



A "Size-Up" of the Holland Fire Department

A fire department was established in Holland on October 11, 1848 when a meeting of all adult males of the community was held to discuss fire dangers such as wooden buildings, underbrush and spring fires. On February 8, 1849 a fire commission consisting of 8 members and the President were elected to make plans for fire protection. This commission recommended that a fire bell be placed at the corner of Tenth Street and River Avenue; that 3 pails and a 20 foot ladder be kept by each householder; and that 3 cisterns be dug at different places in the village and a log pole be kept at each one.

When Holland became a City in 1867, two fire departments were established. They were called the Eagle Hose Company #1 and the Star Hook and Ladder Company on the west end of the City, and the Columbia Hose Company #2 on East 8th Street. From this small group of dedicated volunteers, the Holland Fire Department emerged. New equipment was obtained over the years, and in 1916 Holland purchased its first motorized apparatus.

The Holland Fire Department of today is known as a combination department, meaning that it employs a mixture of career and volunteer or "part-paid" firefighters. The Fiscal Year 2006 budget authorizes 28 full-time and 30 part-paid members in the department. The full-time positions include the Chief, a Fire Marshal, a Training and Safety Officer and an Department Assistant working 40-hour workweeks; along with 3 Captains, 6 Lieutenants, and 15 Firefighters who work 56-hour weeks. The 30 part-paid members carry pagers and are on call around the clock to respond primarily to structure fire incidents. The total FY-2007 budget for fire department personnel, operations and capital outlay is \$3,429,751.

The department provides fire protection from 3 stations located on Waverly Road, Kollen Park Drive, and 160th Avenue. The Waverly and Kollen Park stations are staffed around the clock with full-time members, and a complement of part-paid members is assigned to each station. The 160th Avenue station, which is jointly owned and used by the City of Holland and Park Township, is staffed solely by part-paid members. Housed in the stations are 3 front-line fire pumpers, 1 reserve pumper, 1 aerial tower truck, 1 medium-duty rescue squad, 1 EMS squad vehicle, a brush fire unit, rescue watercraft, and 2 staff autos.



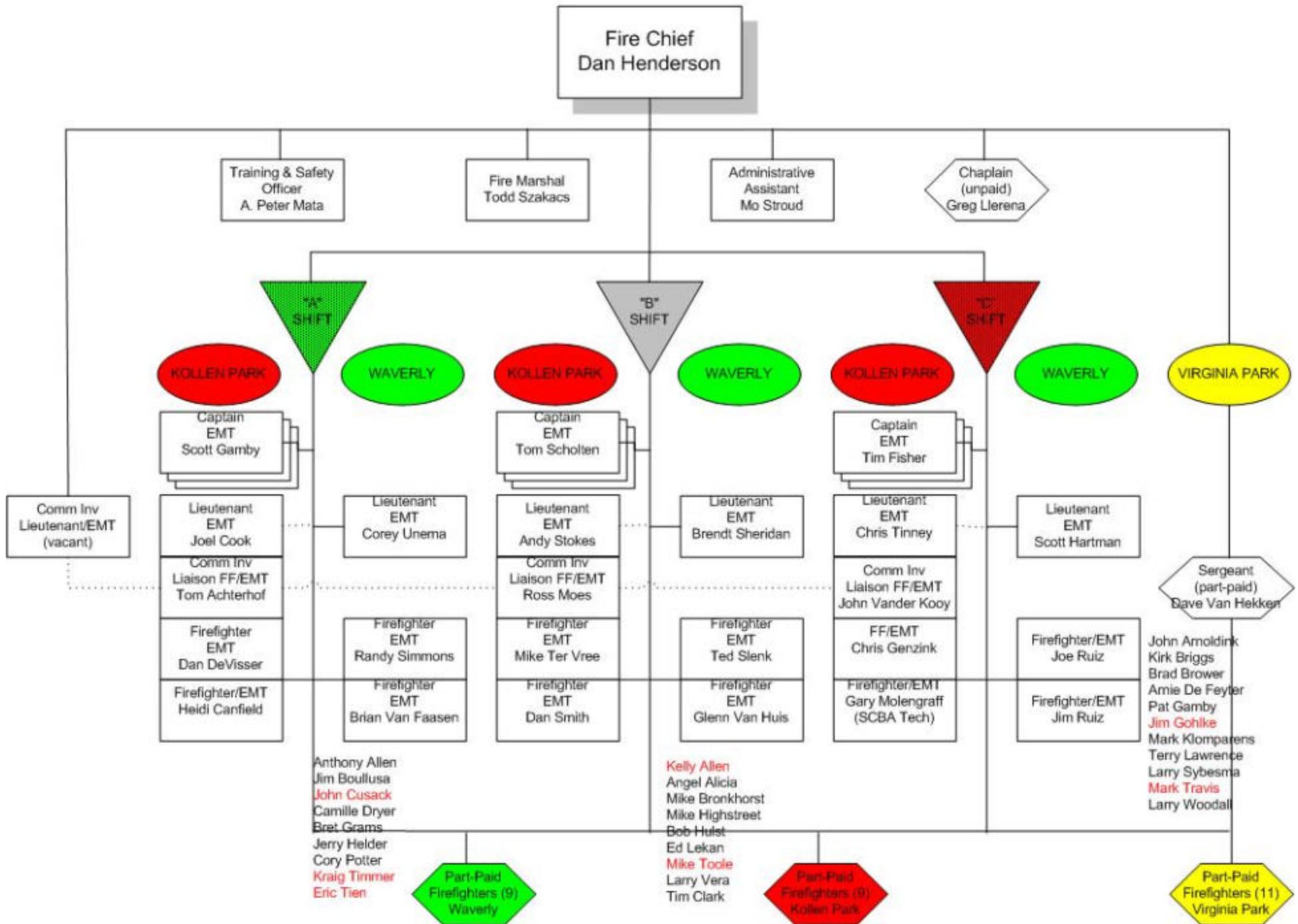
A "Size-Up" of the Holland Fire Department (continued)

Incidents to which the department responds peaked at 2,802 in 1997. The 2006 total of 2,786 is about 5.5% above the 10-year average of 2,638. As is typical with fire departments across the country, about 70% of those responses were medically-related. In addition to false alarms, hazardous conditions and service calls, the department responded to 98 fires in 2006. Those fires exposed \$69 million worth of property, and resulted in a direct fire loss of \$602,000; with a property saved/property exposed ratio of 99.13%.

The personnel, training, equipment, prevention, education and other aspects of the Holland Fire Department, combined with the City's excellent water supply system, provides a fire protection delivery system resulting in one of the few combination fire departments in Michigan with a Class 4 rating from the Insurance Service Office, providing an excellent return on the investment of tax dollars to the residents of the City.

Holland Fire Department Personnel

January 1, 2007



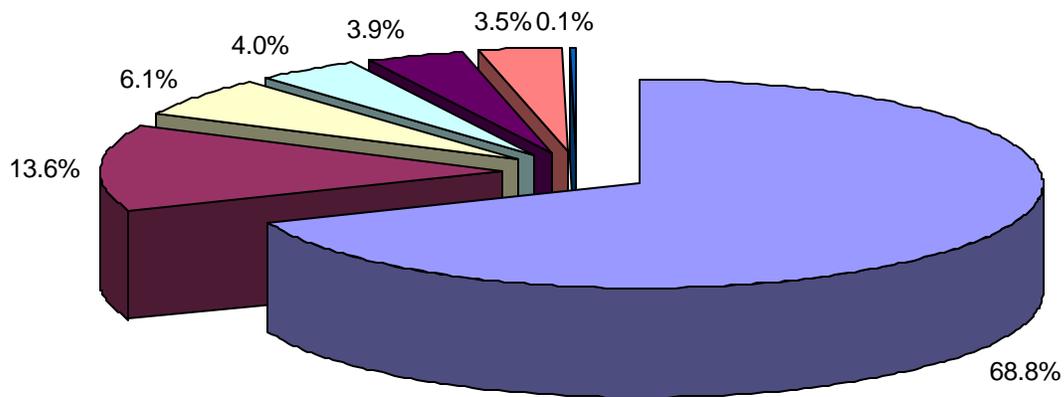


FIRE PREVENTION

	TOTAL ACTIVITY
Inspections	71
Compliance Verification	53
Complaints/Referrals from Others	33
Referrals to Others	16
Educational Programs Delivered	13
(audience numbers referred to CI)	
Fire Investigations	17
Plan Review	84
Site Plans	46
Water Based Fire Protection	16
Fire Alarm Systems	10
Construction Plans	12
Total	84
Meetings with others	64
Educational /Continuing Ed Programs Attended	27
Special Assignments	28
Departmental Training Attended	22
Community Involvement Activities	104
Fire Station Tours	23
Fire Safety Education Programs presented	15
First Aid/CPR Programs presented	1
Other CI Programs & Activities	65
Total	104



TYPES OF SITUATIONS FOUND



- Medical Emergencies
- False Alarms
- Hazardous Conditions
- Service Calls
- Good Intent Calls
- Fires
- Others

Type of Situation	Incidents	Percent
Medical Emergencies	1916	68.8%
False Alarms	378	13.6%
Hazardous Conditions	170	6.1%
Service Calls	111	4.0%
Good Intent Calls	109	3.9%
Fires	98	3.5%
Others	4	0.1%
	2786	100.0%

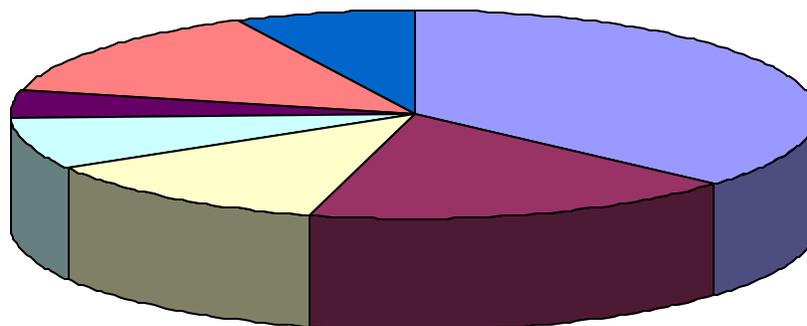


FIRE INCIDENTS

Classified by Property Types

Property Type	Incidents	Percent
Structures	36	36.7%
Vehicles	17	17.3%
Refuse	12	12.2%
Vegetation	8	8.2%
Fires/Explosion Not Classified	4	4.1%
Explosion/No Fire	14	14.3%
Outside of Structure	7	7.1%
	<u>98</u>	<u>100.0%</u>

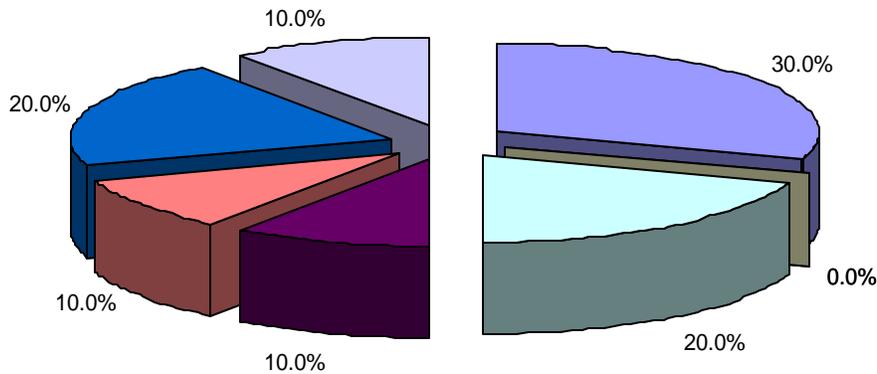
- Structures
- Vehicles
- Refuse
- Vegetation
- Fires/Explosion Not Classified
- Explosion/No Fire
- Outside of Structure





SUMMARY OF FIRE CAUSES

- Mechanical Failure
- Operational Deficiency
- Incendiary/Suspicious
- Misuse of Heat Source
- Design Deficiencies
- Other
- Misuse of Fuel Supply
- Natural Causes



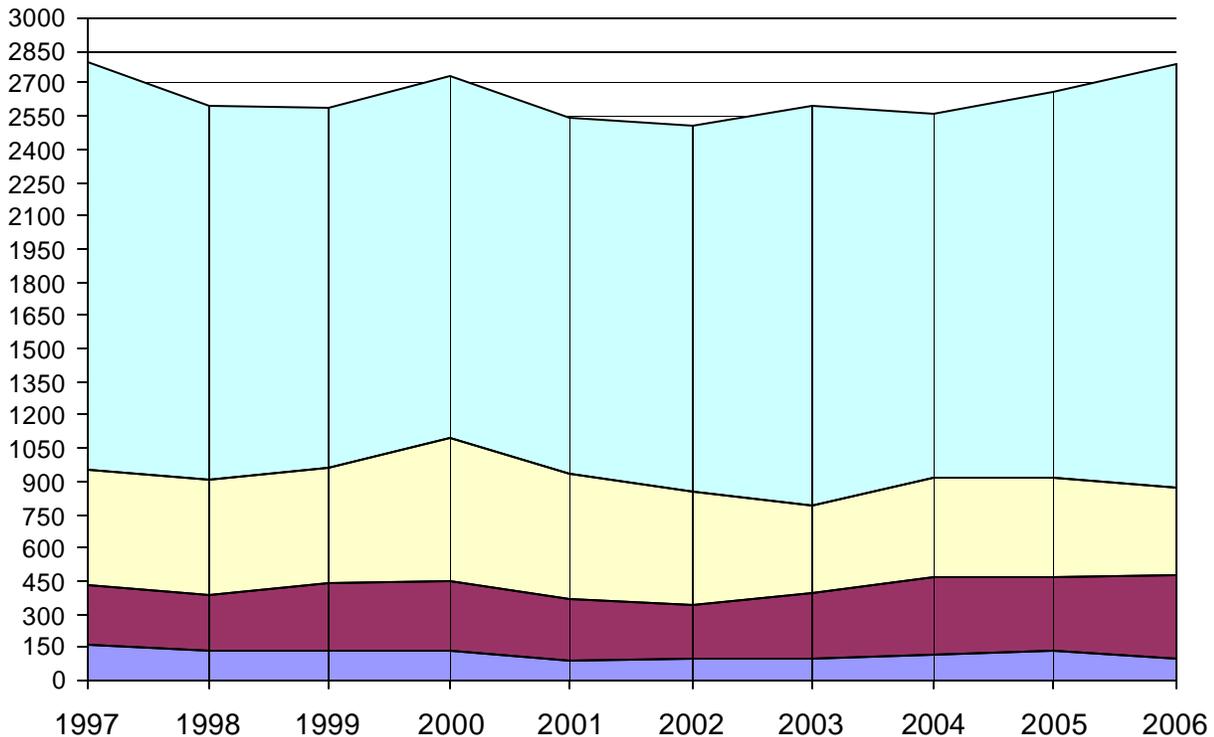
Type of Situation	Incidents	Percent
Mechanical Failure	3	30.0%
Operational Deficiency	0	0.0%
Incendiary/Suspicious	0	0.0%
Misuse of Heat Source	2	20.0%
Design Deficiencies	1	10.0%
Other	1	10.0%
Misuse of Fuel Supply	2	20.0%
Natural Causes	1	10.0%
	10	100.0%



10 YEAR INCIDENT SUMMARY

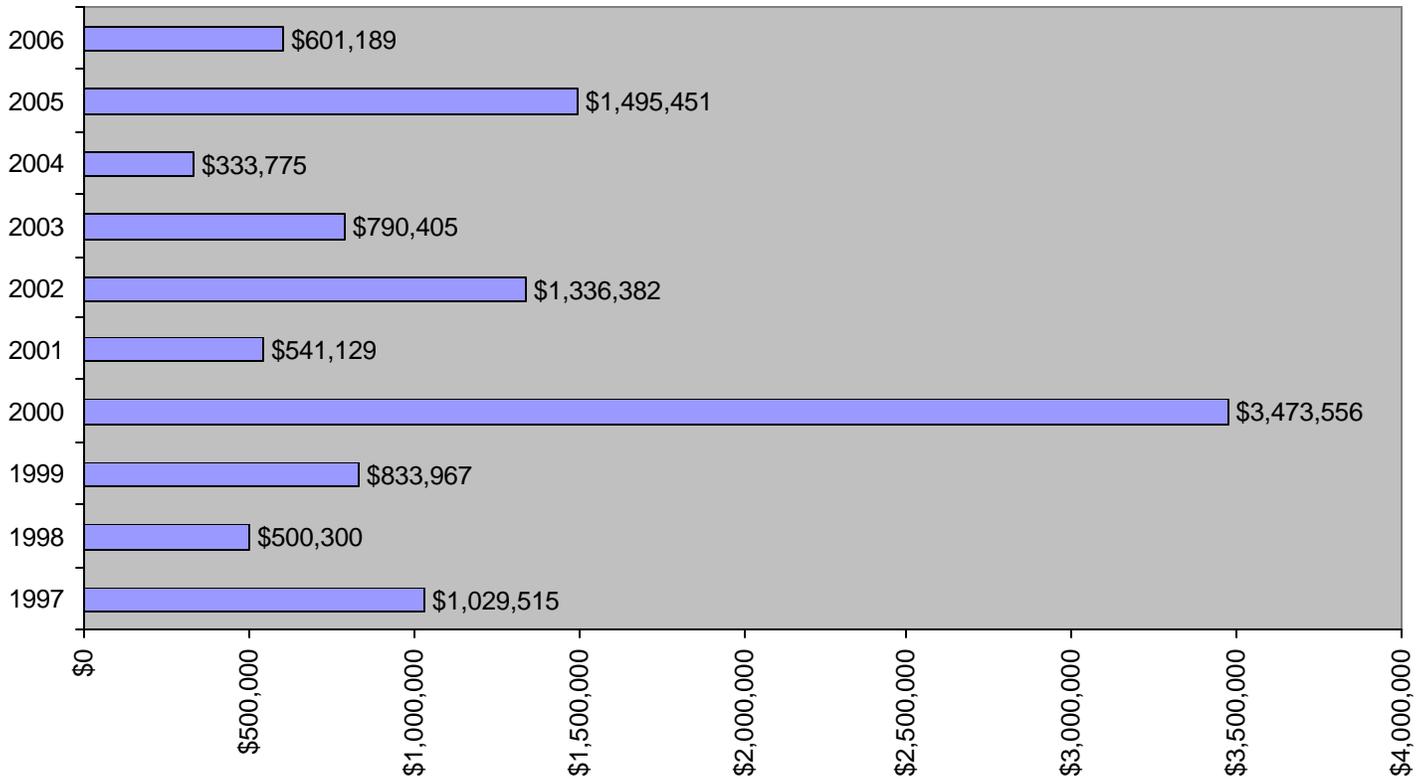
Situation	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Fires	161	132	137	135	82	94	93	118	129	98
False Alarms	267	246	299	313	286	250	302	350	342	378
Others	524	531	532	650	571	506	402	450	447	394
Medicals	1850	1692	1619	1633	1599	1661	1800	1644	1752	1916
Total	2802	2601	2587	2731	2538	2511	2597	2562	2670	2786

■ Fires ■ False Alarms ■ Others ■ Medicals





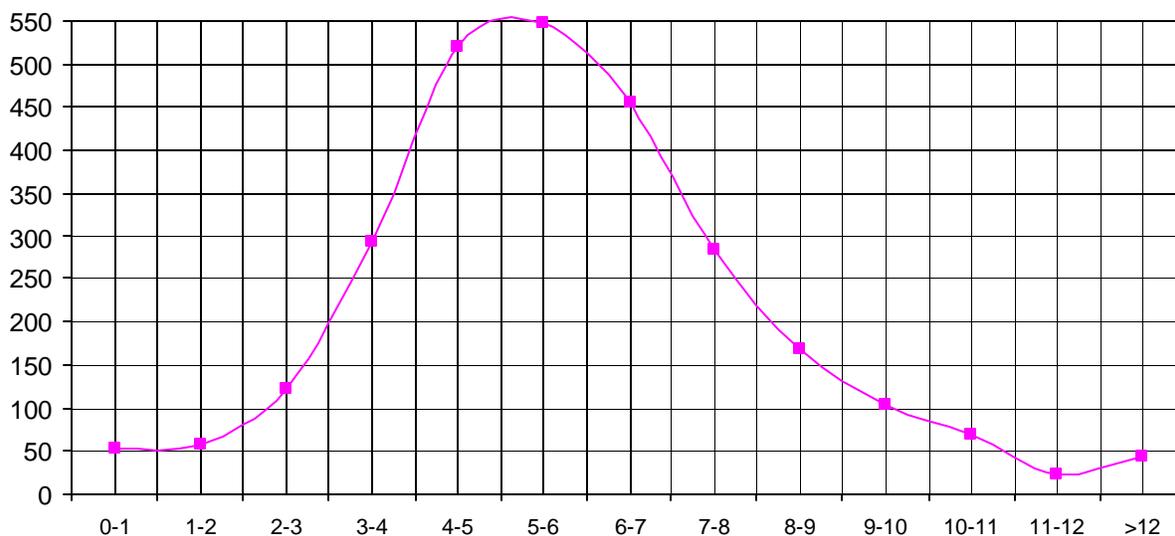
PROPERTY LOSS SUMMARY





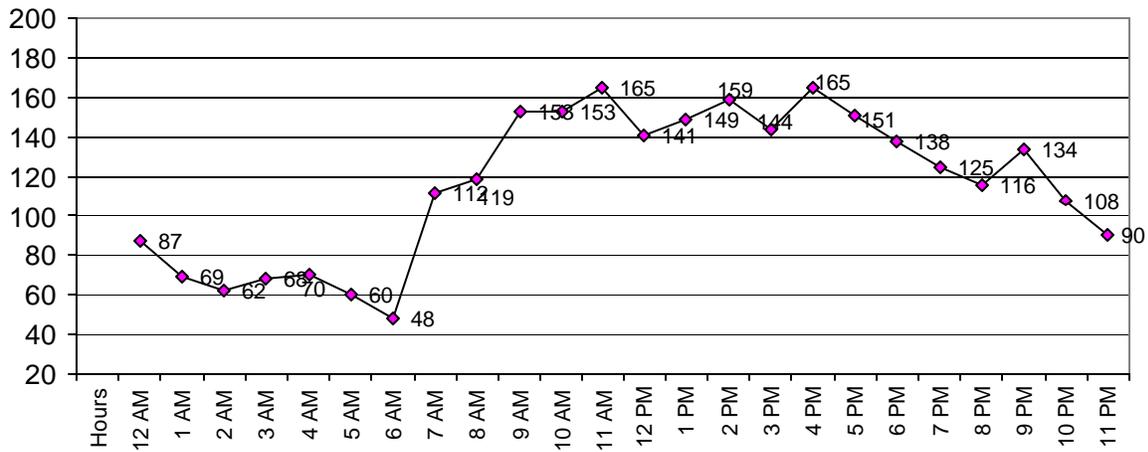
TIMES FROM CALL RECEIVED TO FIRST UNIT ON SCENE

MINUTES	INCIDENTS	PERCENT
0-1	52	1.9%
1-2	57	2.0%
2-3	123	4.4%
3-4	293	10.5%
4-5	521	18.7%
5-6	547	19.6%
6-7	456	16.4%
7-8	284	10.2%
8-9	169	6.1%
9-10	103	3.7%
10-11	68	2.4%
11-12	24	0.9%
>12	44	1.6%
2741		

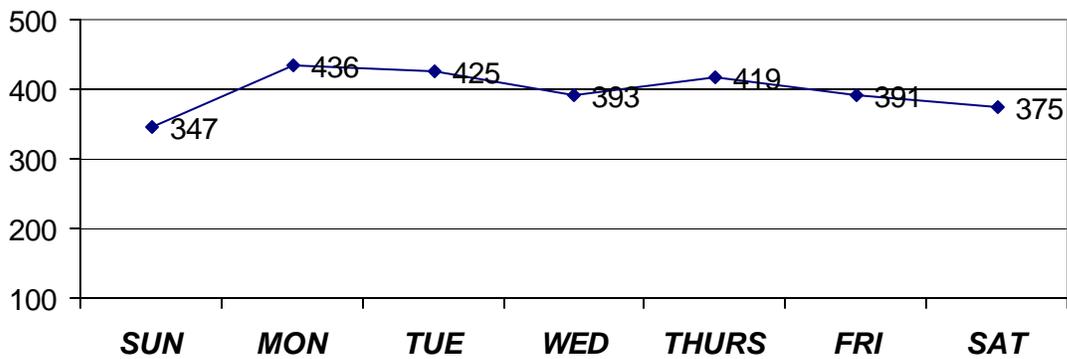




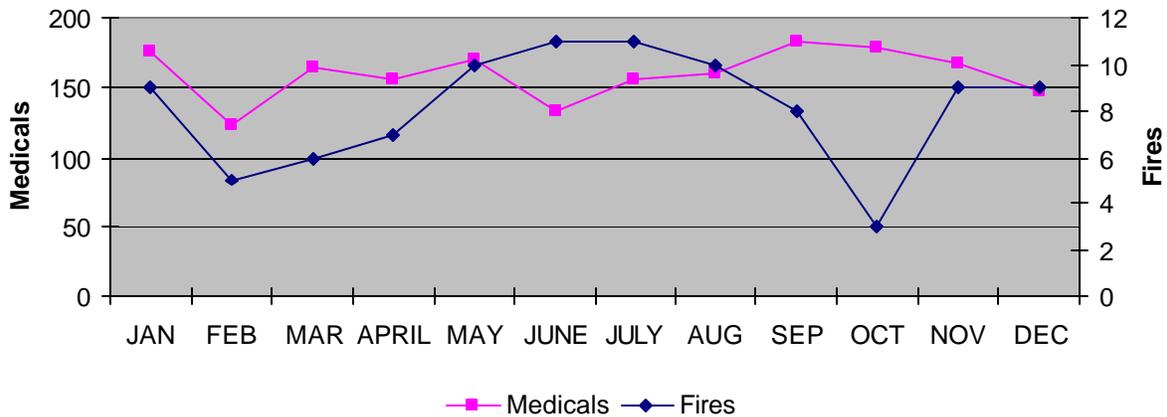
INCIDENTS BY HOUR OF DAY



INCIDENTS BY DAY OF WEEK

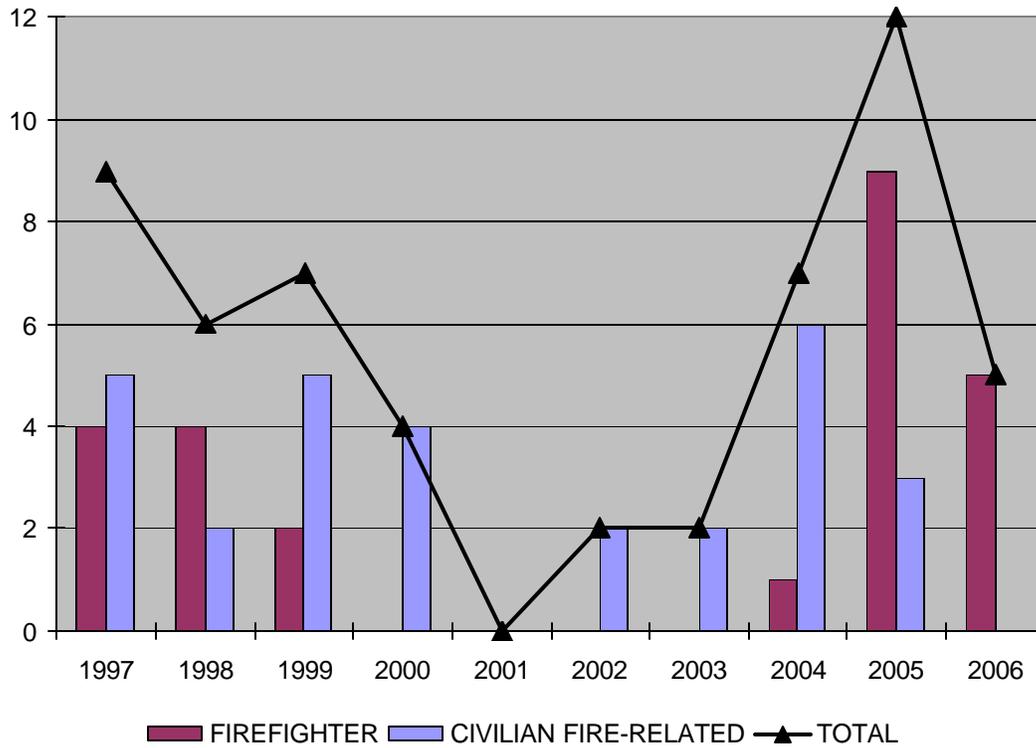


INCIDENTS BY MONTH OF YEAR





INJURIES SUMMARY

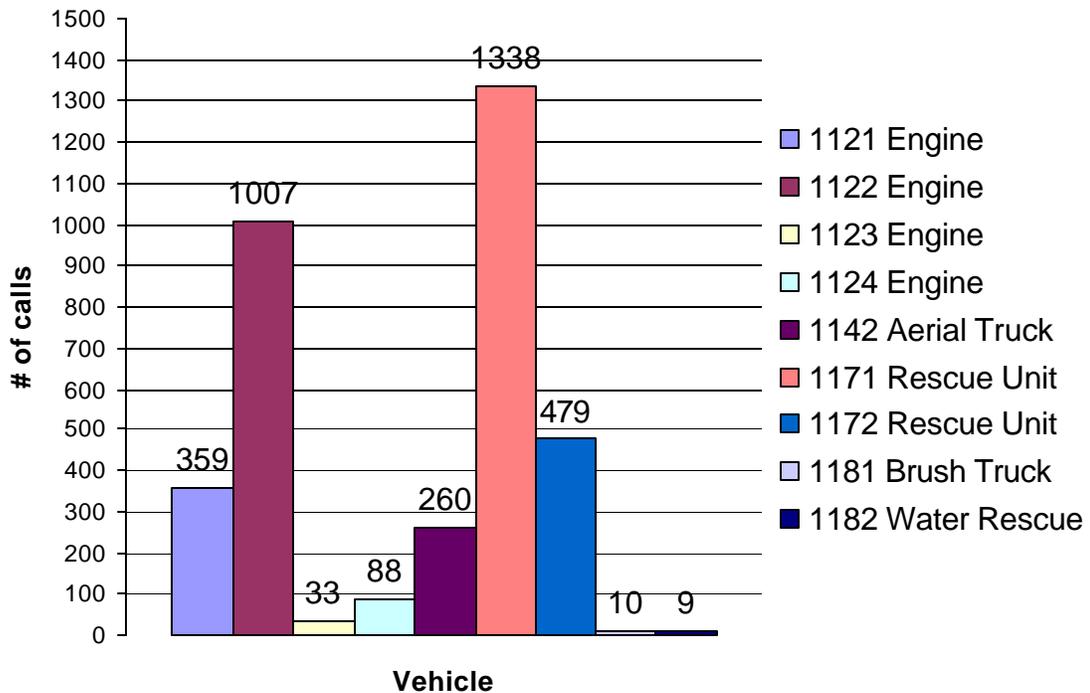


YEAR	FIREFIGHTER INJURIES	CIVILIAN FIRE-RELATED INJURIES	TOTAL INJURIES
1996	0	0	0
1997	4	5	9
1998	4	2	6
1999	2	5	7
2000	0	4	4
2001	0	0	0
2002	0	2	2
2003	0	2	2
2004	1	6	7
2005	9	3	12
2006	5	0	5



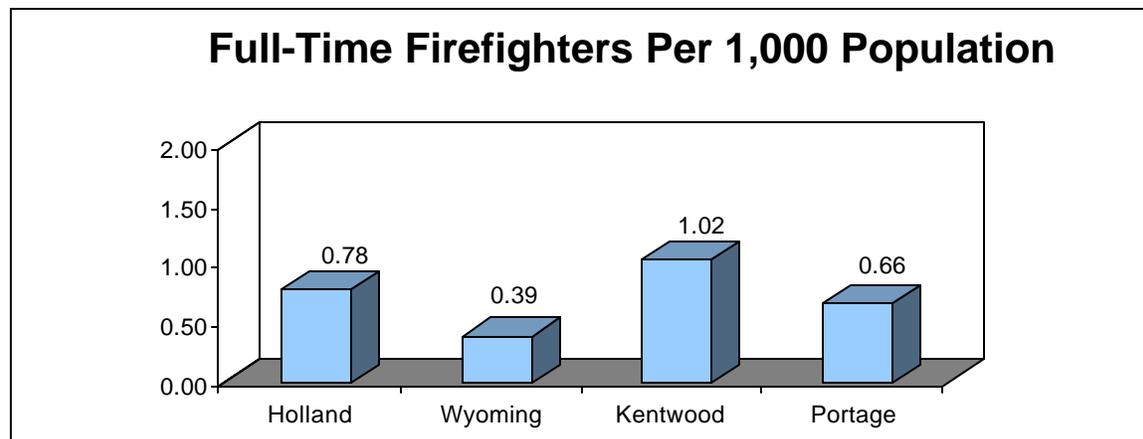
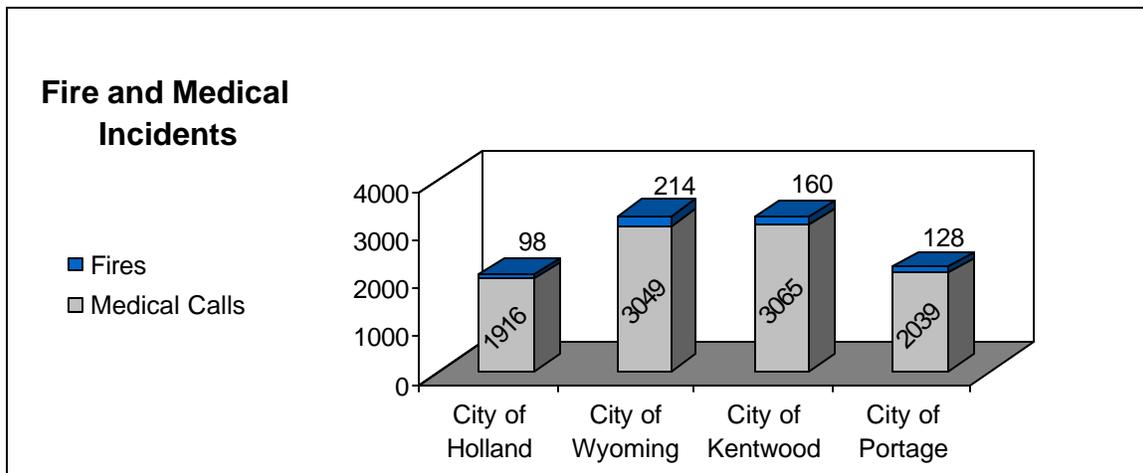
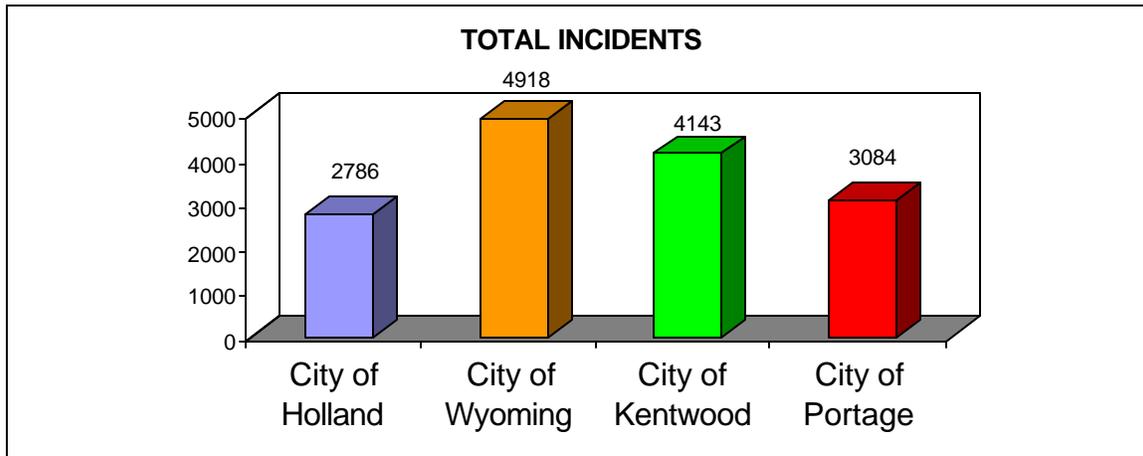
APPARATUS RESPONSES

RESPONSE DATA BY RESPONDING UNITS	YEAR TO DATE
	2006
1121 Engine	359
1122 Engine	1007
1123 Engine	33
1124 Engine	88
1142 Aerial Truck	260
1171 Rescue Unit	1338
1172 Rescue Unit	479
1181 Brush Truck	10
1182 Water Rescue	9
TOTAL RESPONSES	3583



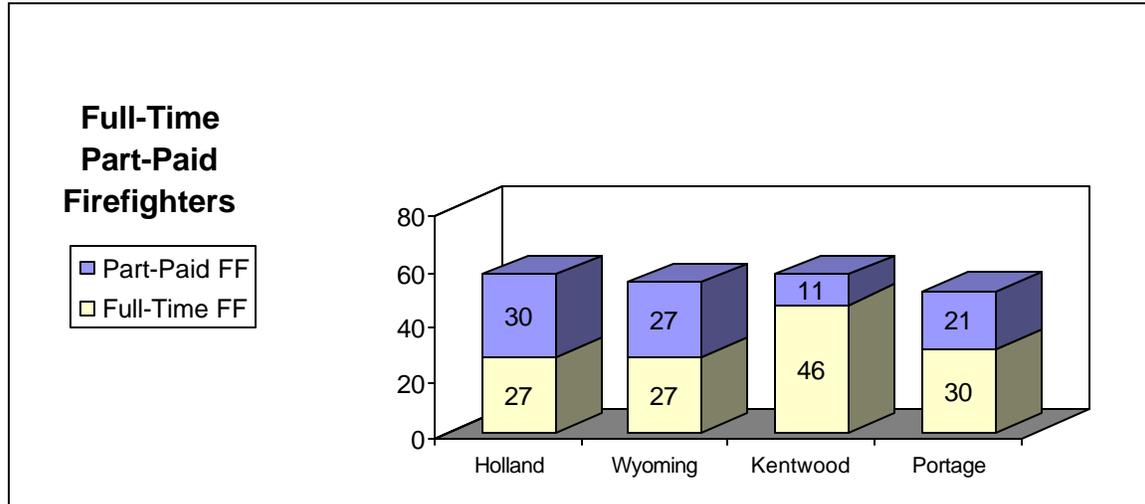


COMPARISON OF SELECTED STATISTICS WITH OTHER WEST MICHIGAN CITIES





COMPARISON OF SELECTED STATISTICS WITH OTHER WEST MICHIGAN CITIES (continued)





PART-PAID ATTENDANCE—2006

	<i>Avg. over past 12 months</i>
STATION 1	
ALLEN, A.	75%
BOULLOSA	87%
CUSACK	97%
DRYER	74%
GRAMS	92%
HELDER	22%
POTTER	82%
TIEN	88%
TIMMER	97%

	<i>Avg. over past 12 months</i>
STATION 2	
ALICEA	77%
ALLEN, K.	73%
BRONKHORST	71%
CLARK	82%
HIGHSTREET	78%
HULST	94%
LEKAN	85%
TOOLE	82%
VERA	75%

	<i>Avg. over past 12 months</i>
STATION 3	
ARNOLDINK	91%
BRIGGS	69%
BROWER	93%
DEFEYTER	75%
GAMBY	90%
GOHLKE	77%
KLOMPARENS	81%
LAWRENCE	57%
SYBESMA	79%
TRAVIS	94%
VAN HEKKEN	89%
WOODALL	83%