

# Holland Fire Department 2005 Annual Report



# 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 Inspector, 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-2006 budget for fire department personnel, operations and capital outlay is \$2,778,456.

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.



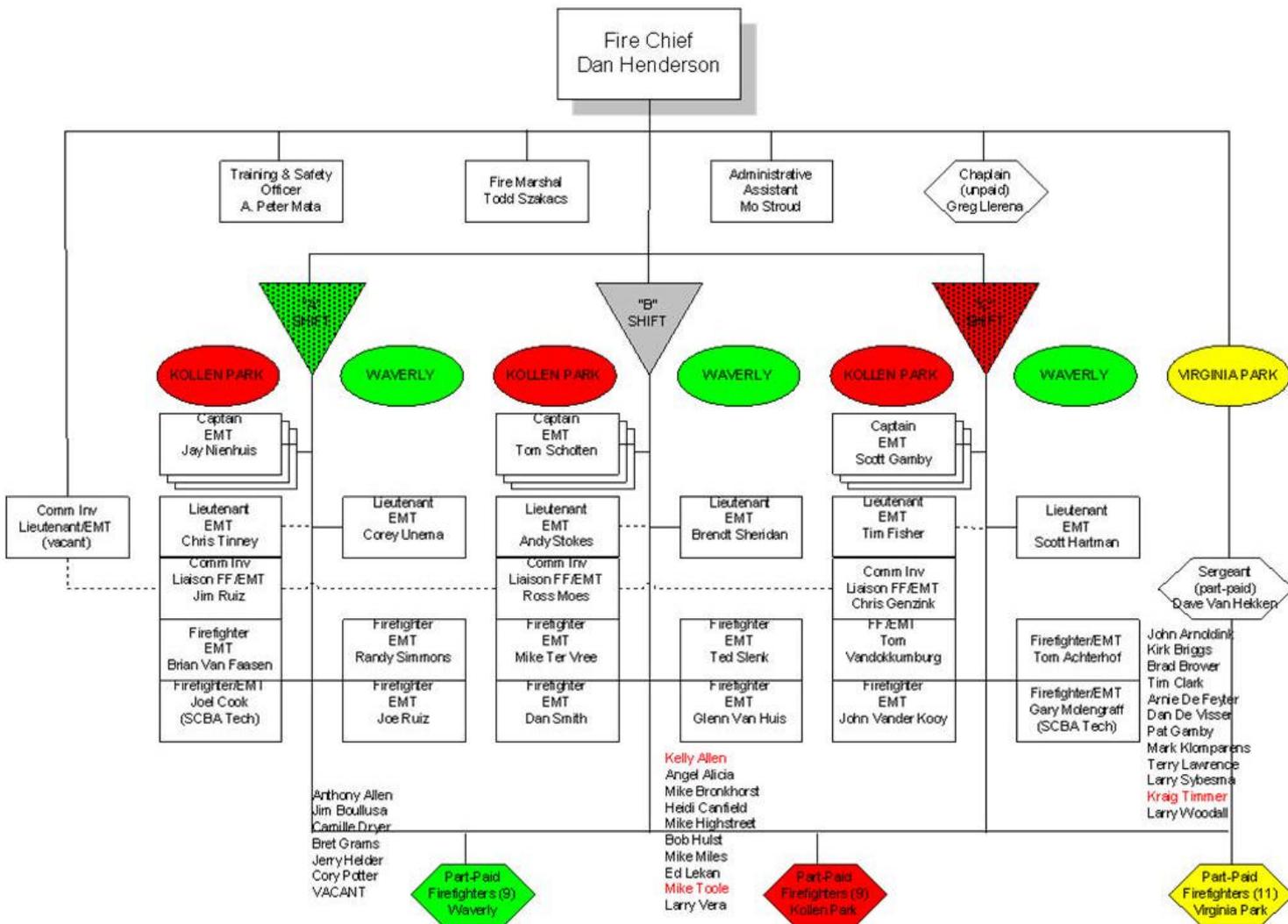
## A "Size-Up" of the Holland Fire Department (continued)

Incidents to which the department responds peaked at 2,802 in 1997. The 2005 total of 2,670 was consistent with the 10-year average of 2,631. As is typical with fire departments across the country, about 66% of those responses were medically-related. In addition to false alarms, hazardous conditions and service calls, the department responded to 129 fires in 2005. Those fires exposed \$45.8 million worth of property, and resulted in a direct fire loss of \$1.5 million; with a property saved/property exposed ratio of 96.7%.

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

December 31, 2005





## STATIONS & APPARATUS



Central Station  
279 Kollen Park Drive

Waverly Station  
761 Waverly Road



Virginia Park Station  
644-160th Street



## STATIONS & APPARATUS

1995 Spartan / Spencer  
1750 GPM Pumper  
Waverly Station



1122  
1990 Spartan / E-One  
1500 GPM Pumper / EMS  
Kollen Park Station



1123  
1994 Freightliner / Spencer  
1250 GPM Pumper  
Virginia Park Station



1124  
1975 Sutphen  
1500 GPM Reserve Pumper  
Kollen Park Station



1142  
2003 E-One / Bronto  
118' Tower - Ladder  
1750 Pump  
Kollen Park Station





## STATIONS & APPARATUS (continued)

1171  
1992 International  
1986 Rescue Body / EMS / Jaws  
Waverly Station

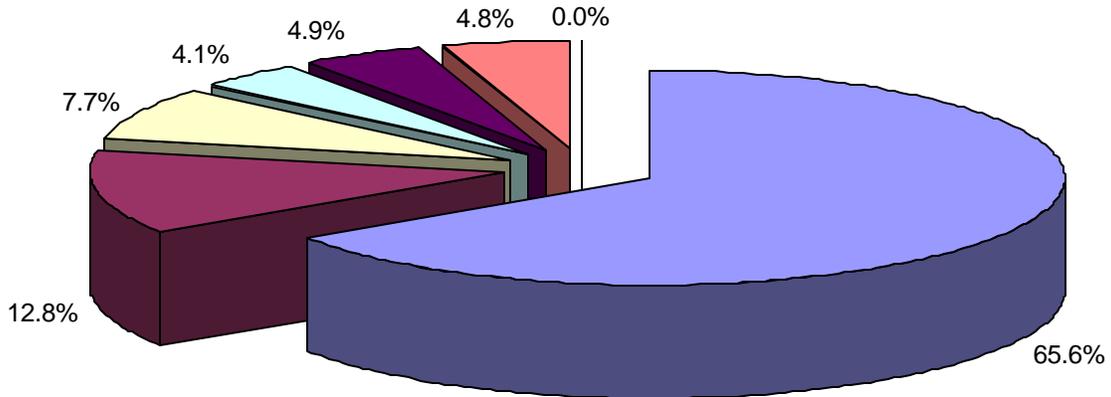


1172  
1997 Chevy Tahoe Police Pkg  
EMS  
Kollen Park Station





## FIRE DEPARTMENT TYPES OF SITUATIONS FOUND - 2005



Type of Situation	Incidents	Percent
Medical Emergencies	1752	65.6%
False Alarms	342	12.8%
Hazardous Conditions	206	7.7%
Service Calls	109	4.1%
Good Intent Calls	131	4.9%
Fires	129	4.8%
Others	1	0.0%
	2670	100.0%



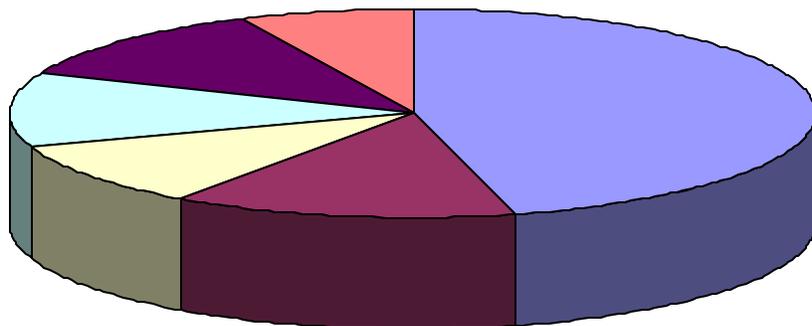
# FIRE INCIDENTS

## Classified by Property Types

Property Type	Incidents	Percent
Structures	59	45.7%
Vehicles	18	14.0%
Refuse	13	10.1%
Vegetation	15	11.6%
Fires/Explosion Not Classified	15	11.6%
Explosion/No Fire	9	7.0%
Outside of Structure	0	0.0%
	<hr/> 129	<hr/> 100.0%

### FIRE DEPARTMENT FIRE INCIDENTS CLASSIFIED BY PROPERTY TYPES - 2005

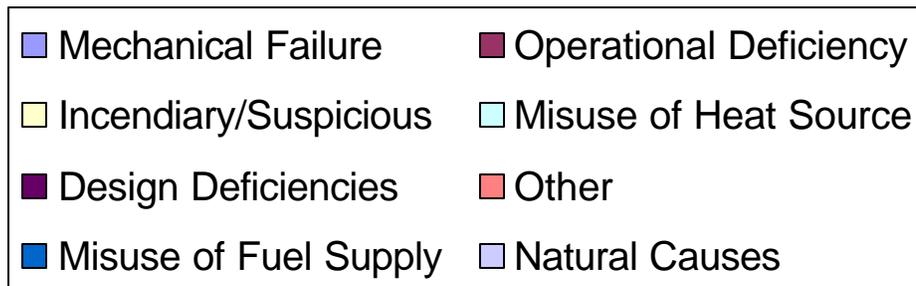
- Structures
- Vehicles
- Refuse
- Vegetation
- Fires/Explosion Not Classified
- Explosion/No Fire
- Outside of Structure





## SUMMARY OF FIRE CAUSES

### FIRE DEPARTMENT SUMMARY OF FIRE CAUSES - 2005

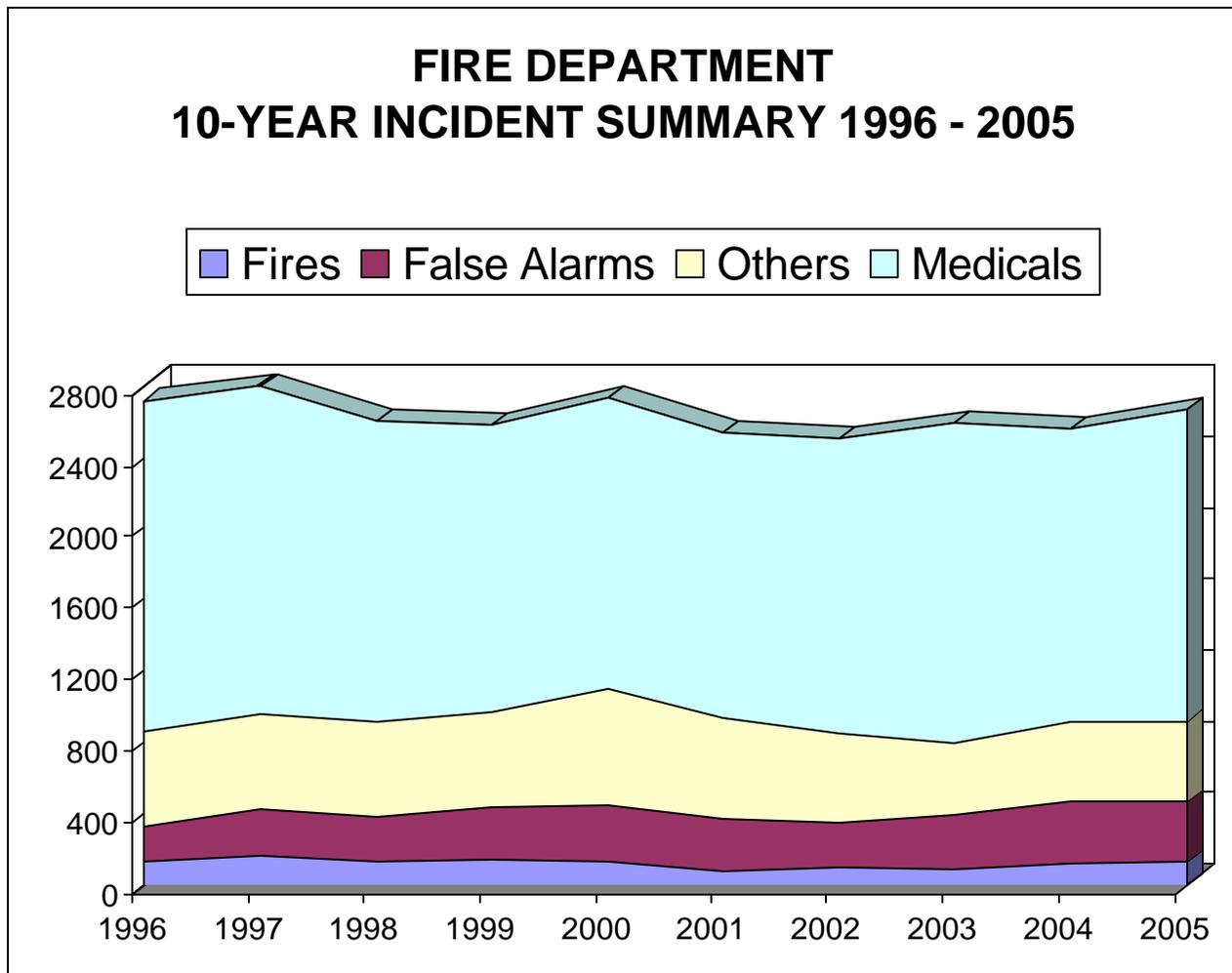


Type of Situation	Incidents	Percent
Mechanical Failure	0	0.0%
Operational Deficiency	2	15.4%
Incendiary/Suspicious	0	0.0%
Misuse of Heat Source	2	15.4%
Design Deficiencies	0	0.0%
Other	9	69.2%
Misuse of Fuel Supply	0	0.0%
Natural Causes	0	0.0%



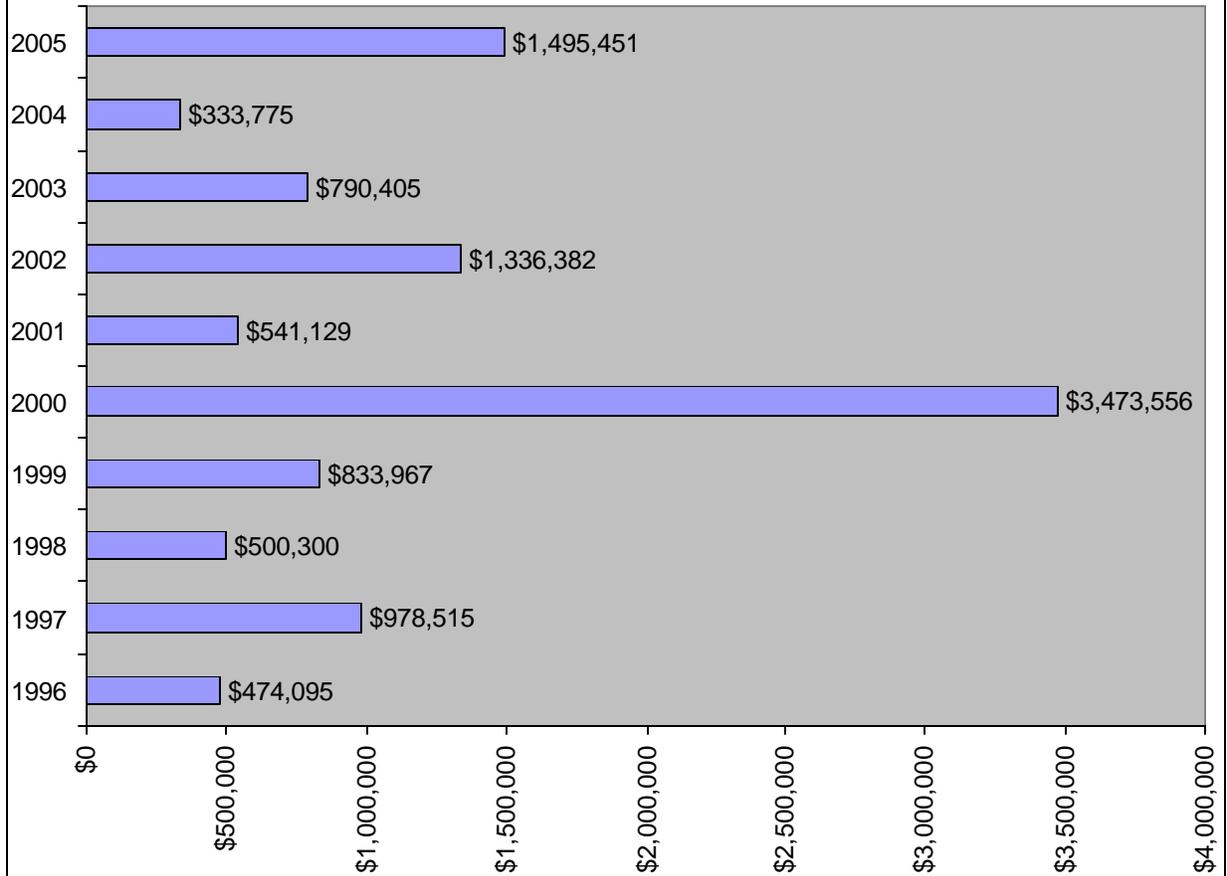
## 10 YEAR INCIDENT SUMMARY

Situation	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Fires	128	161	132	137	135	82	94	93	118	129
False Alarms	200	267	246	299	313	286	250	302	350	342
Others	525	524	531	532	650	571	506	402	450	447
Medicals	1865	1850	1692	1619	1633	1599	1661	1800	1644	1752
<b>Total</b>	<b>2718</b>	<b>2802</b>	<b>2601</b>	<b>2587</b>	<b>2731</b>	<b>2538</b>	<b>2511</b>	<b>2597</b>	<b>2562</b>	<b>2670</b>





### FIRE DEPARTMENT PROPERTY LOSS SUMMARY 1996 TO 2005

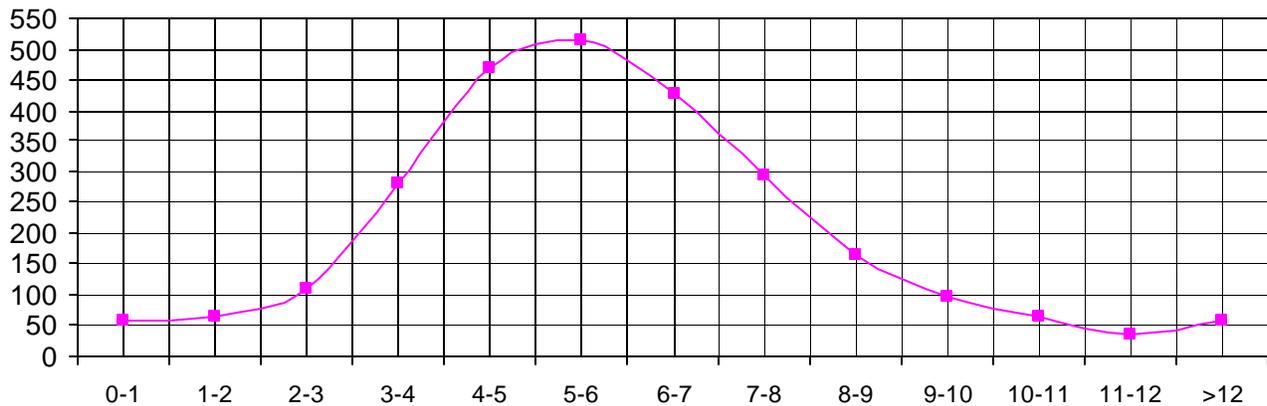




## TIMES FROM CALL RECEIVED TO FIRST UNIT ON SCENE

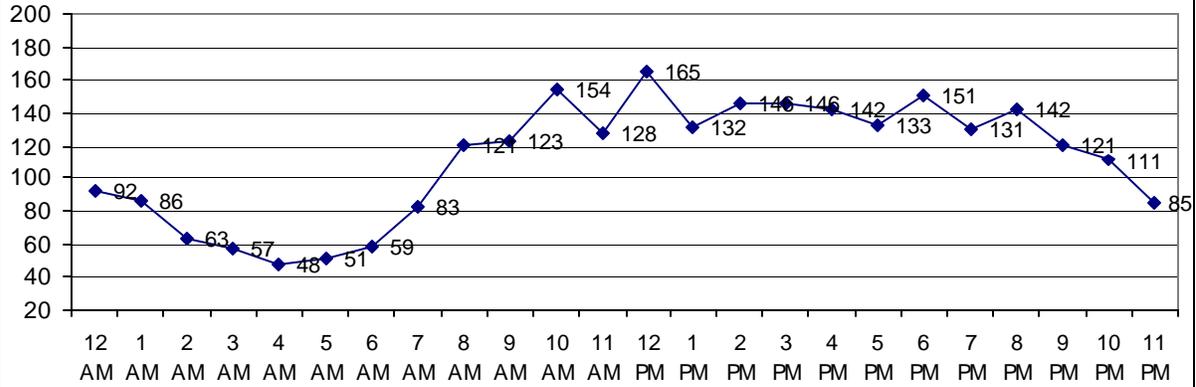
MINUTES	INCIDENTS	PERCENT
0-1	57	2.1%
1-2	63	2.4%
2-3	110	4.1%
3-4	279	10.4%
4-5	471	17.6%
5-6	515	19.3%
6-7	427	16.0%
7-8	294	11.0%
8-9	163	6.1%
9-10	95	3.6%
10-11	65	2.4%
11-12	35	1.3%
>12	57	2.1%

**FIRE DEPARTMENT - Fire Programs**  
**TIME FROM CALL RECEIVED TO FIRST UNIT ON SCENE**  
**2005**

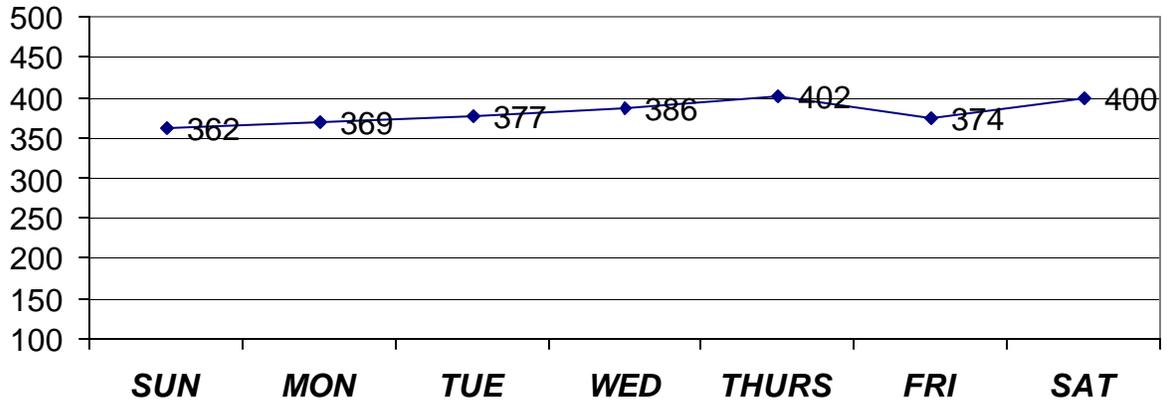




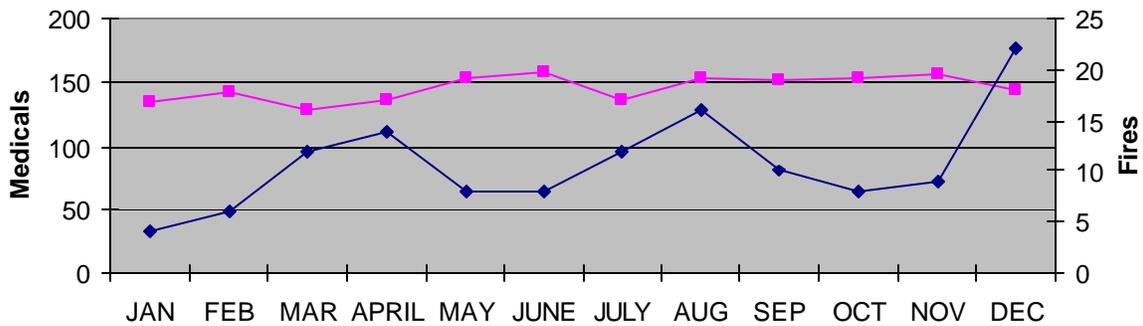
### INCIDENTS BY HOUR OF DAY - 2005



### INCIDENTS BY DAY OF WEEK - 2005



### INCIDENTS BY MONTH OF YEAR - 2005

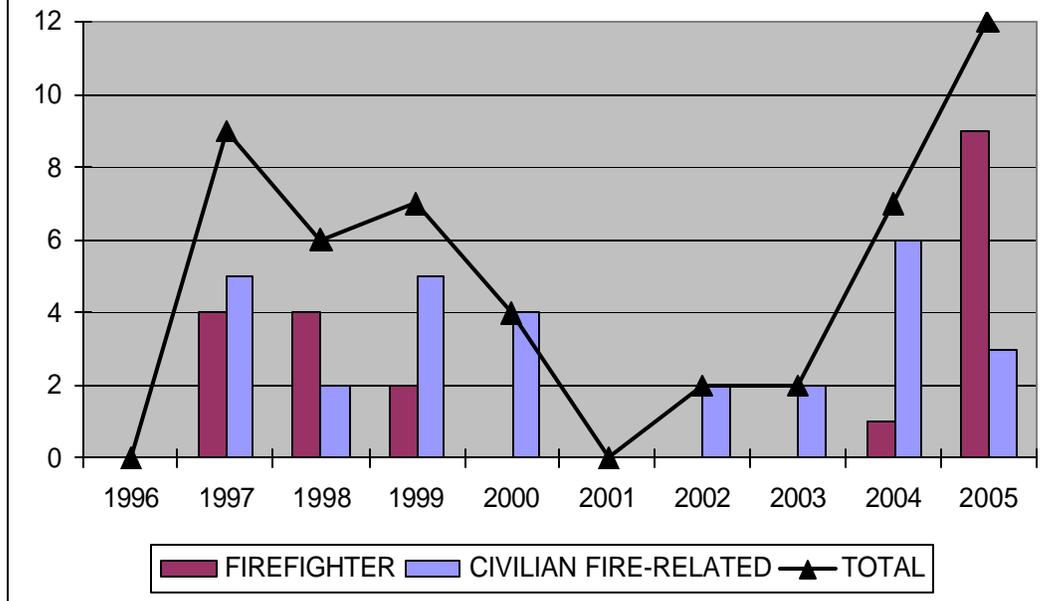


—■— Medicals —◆— Fires



# FIRE DEPARTMENT INJURIES SUMMARY

1996 through 2005



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

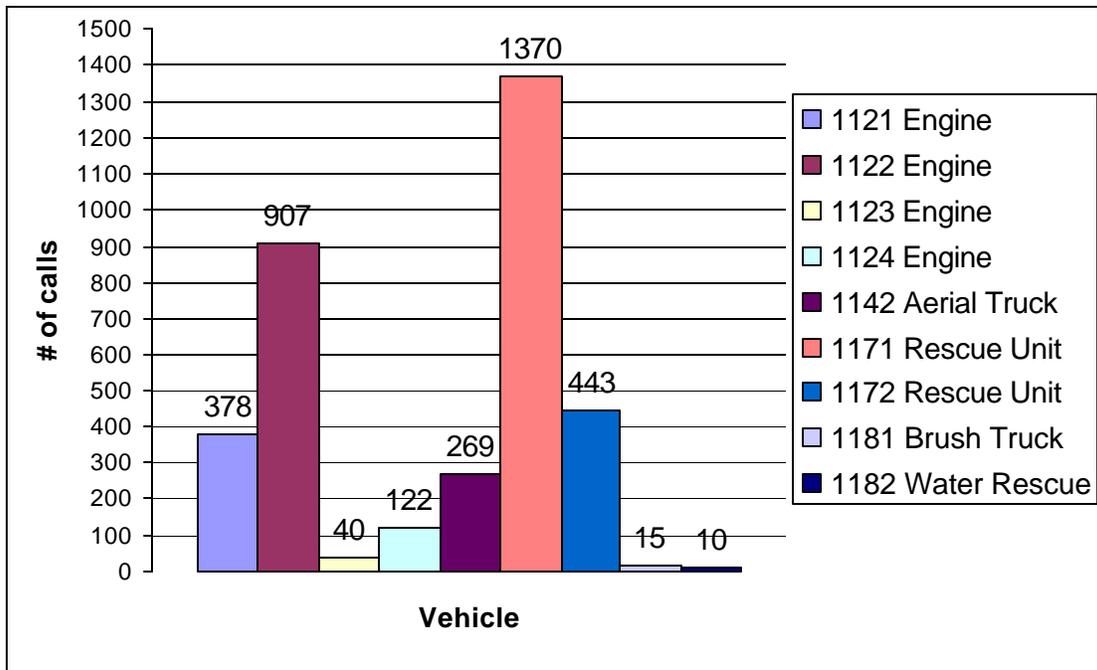


## APPARATUS RESPONSES

### RESPONSE DATA BY RESPONDING UNITS

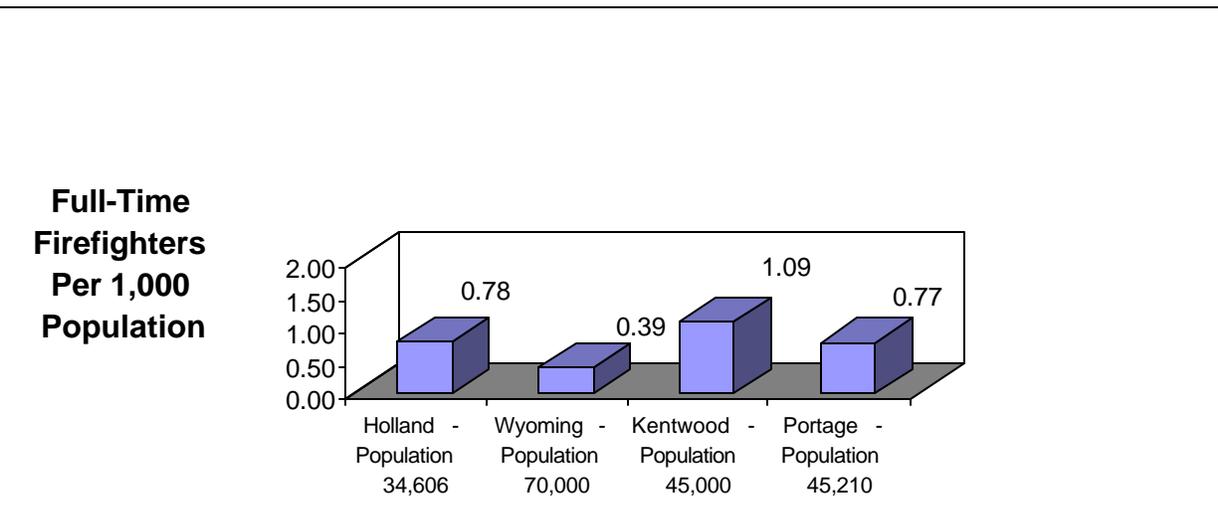
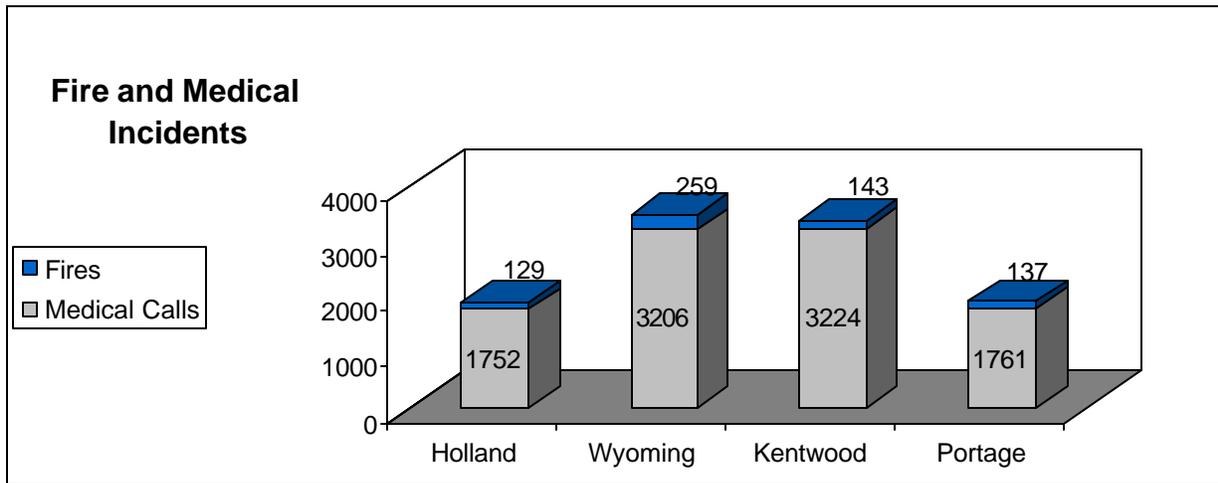
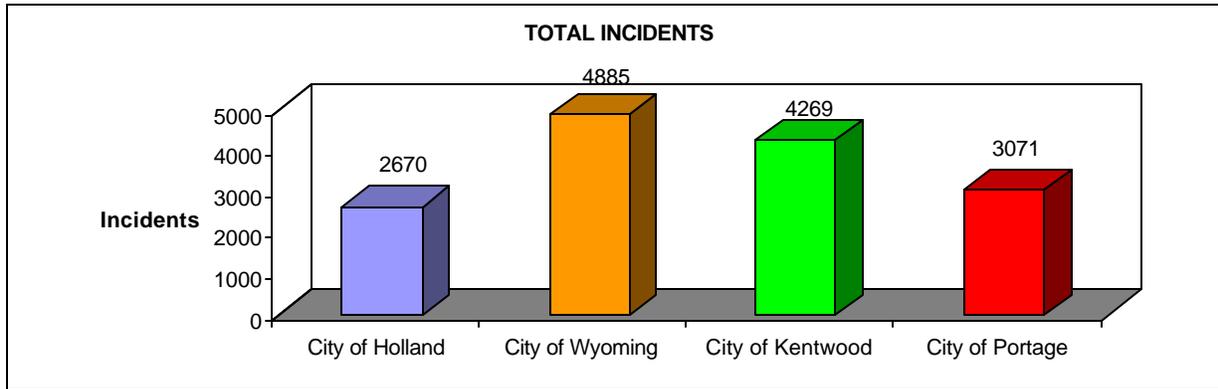
**2005**

1121 Engine	378
1122 Engine	907
1123 Engine	40
1124 Engine	122
1142 Aerial Truck	269
1171 Rescue Unit	1370
1172 Rescue Unit	443
1181 Brush Truck	15
1182 Water Rescue	10
<b>TOTAL RESPONSES</b>	<b>3554</b>



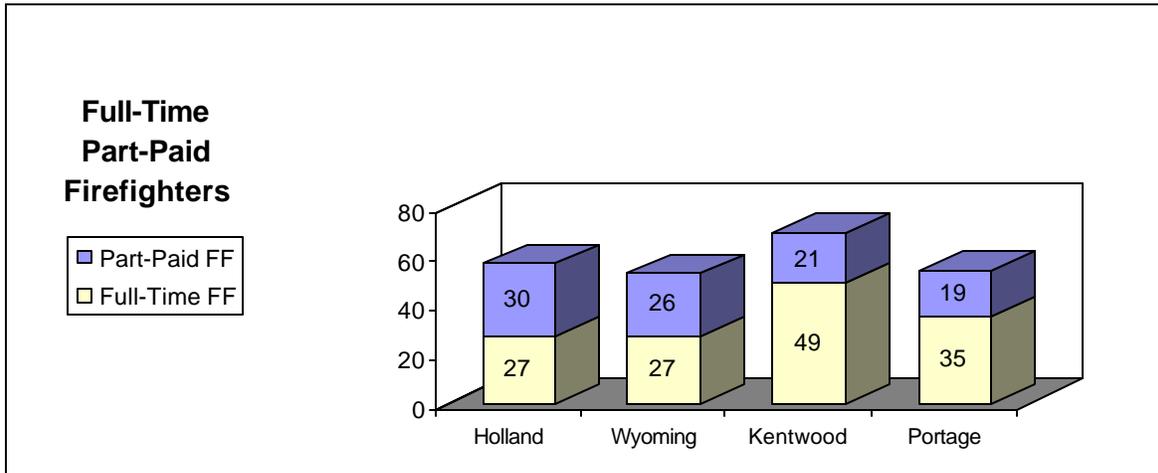


## COMPARISON OF SELECTED STATISTICS WITH OTHER WEST MICHIGAN CITIES





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





**PART-PAID ATTENDANCE—2005**

	<i>Avg. over past 12 months</i>
<b>STATION 1</b>	
ALLEN, A.	78%
BOULLOSA	88%
DRYER	81%
GRAMS	60%
HELDER	57%
KELLY	47%
POTTER	77%

	<i>Avg. over past 12 months</i>
<b>STATION 3</b>	
ARNOLDINK	89%
BRIGGS	74%
BROWER	73%
CLARK	87%
DEFEYTER	68%
DEVISSER	85%
GAMBY	84%
KLOMPARENS	73%
LAWRENCE	73%
SYBESMA	80%
TIMMER	79%
VAN HEKKEN	82%
WOODALL	83%

	<i>Avg. over past 12 months</i>
<b>STATION 2</b>	
ALICEA	65%
ALLEN, K.	78%
BRONKHORST	78%
CANFIELD	91%
HIGHSTREET	77%
HULST	97%
LEKAN	77%
MILES	62%
TOOLE	75%
VERA	70%