

Marshfield Fire Department

- Fire department has 52 operational personnel.
- They are divided into four groups of 13 members.
- Working out of three stations; 21 Massasoit Ave, 259 Old Main Street and 60 South River Street to cover the 28.5 square miles.

Services Provided

- **Fire suppression:** building and contents, motor vehicle, woods/brush, other outside fires.
- **Rescue:** motor vehicle and water.
- **Emergency Medical Services:** treat and transport patients for illness and injury.

Services Provided

- **Inspections:** smoke and carbon monoxide detectors, oil burning systems, Christmas tree sales, fireworks, new building occupancy, propane installations, sprinkler installations, fuel tank trucks, underground storage tank removals.
- **Additional Permits:** gun powder, brush burning.
- **Reports created:** 21E, incident reports, ambulance reports.

MFIRS

- The Massachusetts Fire Incident Reporting System analysis has identified the top causes of residential fires, which is 80 % of all structure fires.
- Unattended/unsafe cooking practices is the leading fire cause.
- The second leading cause is heating equipment fires.

Fire Trends

- The Massachusetts fire problem remains fairly consistent.
- Brush fires were up 24 % in 2004 from 2003.
- EMS response keeps departments busy.

Plymouth County Fire Activity

- **April** was the busiest month for total fires at 191.
- **January** had the most structure fires with 111.
- **Saturday** was the busiest for total fires at 277.
- **Monday** was the highest for structure fires at 122.

Marshfield Fire Responses

- **2001:** 108 total fires with 43 structure fires.
- **2002:** 120 total fires with 48 structure fires.
- **2003:** 130 total fires with 75 structure fires.
- **2004:** 125 total fires with 49 structure fires.
- The above information was from the analysis done by the Department of Fire Services for calendar year 2004.

Marshfield EMS Information

- Emergency transports are to one of the following hospitals: Jordan, South Shore or Quincy Medical Center.
- The average minimum mileage each way is 18 miles.
- Each transport takes an average of two hours before the ambulance and personnel are available for another call.

Marshfield EMS Activity

- **April 2005:** 117 transports, the average bill was \$ 874.
- **July 2005:** 122 transports, the average bill was \$ 887.
- **October 2005:** 118 transports, the average bill was \$ 896.
- **December 2005:** 117 transports, the average bill was \$ 866.

2005 Fire Suppression Responses

MONTH	# of incidents	Fire Suppression	Overlapping
January	336	189 57%	18 10%
April	255	107 42%	6 6%
July	312	141 46%	14 10%
October	340	194 57%	19 10%
4 month total	1243	631	57
Average	311	158	14
Annual projection	3729	1893 51%	171 9%

2005 EMS Responses

MONTH	Medical	Transports	Overlapping	Extra Member
<u>January</u>	145	118	25	8
	44 %	82%	18%	7%
<u>April</u>	139	116	31	4
	55 %	84%	23%	4%
<u>July</u>	172	121	35	1
	56%	71%	21%	1%
<u>October</u>	147	117	21	3
	44%	80%	15%	3%
<u>4 month</u>				
<u>Total</u>	603	472	112	25
<u>Average</u>	151	118	28	6
<u>Annual</u>				
<u>Projection</u>	1809	1416	336	75
	49%	79%	19%	6%

Tuesday, January 10, 2006

- 01:12 EMS call
- 06:33 EMS call
- 09:41 EMS call
- 13:23 Fire Alarm
- 16:58 EMS call
- 17:15 Gas leak
- 17:55 Public Assist
- E -1 & P-1 to SSH
- E-1 & P-1 to JH
- E-3 & P-1 to SSH
- E-3, E-2 and C-3
- E-3 & P-1 to SSH
- E-3 & E-2
- E-1

1/10/06 Continued

- 18:05 EMS call
- 18:18 EMS call
- 19:14 EMS call
- 19:45 EMS call
- 21:10 EMS call
- E-3 & P-2 to SSH
- E-3 & Pembroke to SS
- E-3 & P-1 to JH
- E-3 & P-2 to SSH
- E-2 & P-1 no transport

Fiscal 2007 Budget Impact

- Slides 10 and 11 illustrates current department activity level with a 28 % overlap of calls.
- This fiscal year with the minimum staffing levels we can handle this overlap without a significant impact to the public.

Budget Impact Continued

- To absorb the required budget impact of \$148,000 a reduction in force is necessary.
- Fiscal 2007 we will have three or four less firefighter/EMT than we do today.
- This will require a reduction in the minimum number of members on duty 24/7.

Budget Reduction Impact

- The impact on the public is that when we receive a second call for service we will be delayed in responding to the second call with the appropriate equipment and personnel at least 25 % of the time.

Budget Reduction Impact on the Public

The nature of the call will dictate if
this delay will have a significant
impact on the outcome of the
incident.

Questions?

Thank You

Kevin Robinson

Fire Chief