

# 2011 ANNUAL REPORT



## Annual Report

In 2005 the Washington state legislature adopted House Bill 1756 in which a predominantly career fire department would be required to provide an annual written report on response times. The bill was later codified as Chapter 52.33 of the Revised Code of Washington.

This report is provided to meet the requirements of that legislation. Prepared in 2012 this report provides the data required for 2011 reporting period. Improvements to data systems provide a more accurate time stamp than in years past. However some time stamps can be inaccurate when transmissions of data fail. We also have limited time stamps for certain units responding that only show the closest full minute instead of seconds. This mostly affects second due apparatus and multiple equipment responses.

### **Mission Statement**

**DEDICATED TO MAINTAINING A STATE OF READINESS, TO PROTECT OUR COMMUNITY THROUGH  
RAPID EMERGENCY INTERVENTION**

### **Vision**

**TO PROVIDE A PROFESSIONAL SERVICE DELIVERY SYSTEM THAT EXCEEDS OUR CUSTOMER'S  
EXPECTATIONS AND TO HAVE A REWARDING AND EQUITABLE WORKPLACE THAT  
RECOGNIZES EACH MEMBER'S ABILITY TO CONTRIBUTE TO THE MISSION OF THE  
ORGANIZATION**

### **Value Statement**

**COMMITTED TO CONTINUOUS IMPROVEMENT WITH INTEGRITY WHILE WORKING TOGETHER AS A  
TEAM.**

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## SERVICE CRITERIA

**Turnout time:** (The time from receipt of alarm to the time the fire apparatus leaves the fire Station) each fire stations goal turnout time is 90 seconds or less for each call but criteria has been established that acknowledges time needs for dependent on the type of incident responding to.

*This criteria is available only for the first unit that responds after dispatch. Other units responding to the same call will have taken longer than the first unit responding. CAD system does not track seconds for other units.*

**First Arrival Response Time:** (The time measured from the first movement of the apparatus until arrival at the given incident location). The average first arrival response time goal being 300 seconds (5.0 minutes). The incident type is taken into consideration as to the expected response time. Larger fire apparatus will normally take longer than EMS type apparatus.

*This criteria is based on the entry into the computer aided dispatch system by MDT and/or dispatchers when voice transmissions are used. The time criteria is posted in seconds for the first arriving unit.*

**Full Assignment Response Time:** (The time measured from the first movement of a responding apparatus until the last assigned unit arrives at the scene). The fire district has established this time period shall be 690 seconds (11 minutes and 30 seconds) 90% of the time. The average full response time goal being 600 seconds (10.0 minutes.) A full response shall include the arrival of a minimum of 13 firefighting personnel.

*This criteria is based on the entry into the computer aided dispatch system by MDT or dispatcher. While the data has some inaccuracy it is the best indicator available to the district at this time.*

The following charts show the times as they are available to this agency and indicate our best attempt at accuracy. It should also be noted that the only alarms analyzed and shown were the alarms within Fire District 7 and alarms that were categorized emergency response. No mutual aid calls or non emergency response calls were included in the following time charts.

## STRUCTURE FIRE

### Turn Out – Structure Fire

TURN OUT TIME	12 Responses		
(= or <) 90 seconds	7	58.3%	
91 to 120 seconds	1	8.3%	66.6%
121 to 132 seconds	3	25.0%	91.6%
133 to 144 seconds	1	8.3%	100%
➤ 144 seconds	0	0%	
Average Turn Out Time	1 minute, 32 seconds		

### First Arrival – Structure Fire

ARRIVAL TIME	12 Responses		
(= or <) 300 seconds	10	83.3%	
301 to 345 seconds	0	0%	83.3%
346 to 390 seconds	0	0%	83.3%
391 to 435 seconds	1	8.3%	91.6%
➤ 436 seconds	1	8.3%	100%
Average First Arrival	4 min 48 seconds		

### Full Assignment Arrival – Structure Fire

ARRIVAL TIME	4		
(= or <) 600 seconds	2	50.0%	
600 to 645 seconds	0	0%	50.0%
646 to 690 seconds	0	0%	50.0%
691 to 735 seconds	0	0%	50.0%
➤ 736 seconds	2	50.0%	100%
Average First Alarm	11 min 12 seconds		

## WILDLAND FIRE INCIDENTS

### Turn Out – Wild land Fire

TURN OUT TIME	22 Responses		
(= or <) 90 seconds	8	36.4%	
91 to 120 seconds	9	40.9%	77.3%
121 to 132 seconds	2	9.1%	86.4%
133 to 144 seconds	0	0%	86.4%
➤ 144 seconds	3	13.6%	100%
Average Turn Out Time	1 minute, 40 seconds		

### First Arrival – Wild land Fire

ARRIVAL TIME	22 Responses		
(= or <) 300 seconds	19	86.4%	
301 to 345 seconds	1	4.5%	90.9%
<b>346 to 390 seconds</b>	<b>0</b>	<b>0%</b>	<b>90.9%</b>
391 to 435 seconds	0	0%	90.9%
➤ 436 seconds	2	9.1%	100%
Average WL Response	3 minutes 30 seconds		

### OTHER FIRE INCIDENTS

#### Turn Out Time – Other Fire

TURN OUT TIME	37 Responses		
(= or <) 90 seconds	16	43.2%	
91 to 120 seconds	15	40.5%	83.7%
<b>121 to 132 seconds</b>	<b>4</b>	<b>10.8%</b>	<b>91.5%</b>
133 to 144 seconds	0	0%	91.1%
➤ 144 seconds	2	5.4%	100%
Average Turn Out Time	1 minute, 38 seconds		

#### First Arrival Time – Other Fire

ARRIVAL TIME	37 Responses		
(= or <) 300 seconds	22	59.5%	
301 to 345 seconds	4	10.8%	70.3%
<b>346 to 390 seconds</b>	<b>1</b>	<b>2.7%</b>	<b>73.0%</b>
391 to 435 seconds	3	8.1%	81.1%
➤ 436 seconds	7	18.9%	100%
Average Arrival time	4 min 40 seconds		

## EMS INCIDENTS

### Turn Out time - EMS

TURN OUT TIME	3048 Responses		
(= or <) 90 seconds	2183	71.6%	
91 to 120 seconds	532	17.5%	89.1%
121 to 132 seconds	110	3.6%	92.7%
133 to 144 seconds	87	2.9%	95.6%
145 to 156 seconds	136	4.5%	100%
Average Turn Out Time	1 min, 44 seconds		

### BLS Response Time

RESPONSE TIME	1422 Responses		
(= or <) 300 seconds	1106	77.8%	
301 to 345 seconds	95	6.7%	84.5%
346 to 390 seconds	84	5.9%	90.4%
391 to 435 seconds	54	3.8%	94.2%
➤ 436 seconds	83	5.8%	100%
Average BLS Response	4 min 47 Seconds		

### ALS Response Time

RESPONSE TIME	1039 Responses		
(= or <) 300 seconds	801	74.9%	
301 to 345 seconds	94	7.3%	82.2%
346 to 390 seconds	44	4.1%	86.3%
391 to 480 seconds	70	5.7%	92.0%
➤ 480 seconds	30	8.0%	100%
Average ALS Response	5 min 08 seconds		

**Response Time – Hazardous Materials Ops Level**

RESPONSE TIME	0 Responses		
(= or <) 300 seconds	1	0%	
301 to 345 seconds	0	0%	100%
<b>346 to 360 seconds</b>	<b>0</b>	<b>0%</b>	<b>100%</b>
361 to 435 seconds	0	0%	100%
➤ 436 seconds	0	0%	100%
Average Resp. Time	2 min. 08 seconds		

**Response Time – Hazardous Materials Tech Level**

RESPONSE TIME	0 Responses		
(= or <) 300 seconds	0	100%	
301 to 419 seconds	0	0%	100%
<b>420 to 539 seconds</b>	<b>0</b>	<b>0%</b>	<b>100%</b>
540 to 720 seconds	0	0%	100%
➤ 721 seconds	0	0%	100%
Average Resp. Time	0 min 00 seconds		

**Response Time – Technical Rescue**

RESPONSE TIME	1 Responses		
(= or <) 300 seconds	1	100%	
300 to 419 seconds	0	0%	100%
<b>420 to 539 seconds</b>	<b>0</b>	<b>0%</b>	<b>100%</b>
540 to 720 seconds	0	0%	100%
➤ 721 seconds	0	0%	100%
Average Resp. Time	1 min 58 seconds		

**DEFICIENCIES**

The following areas are deficient in the response times as established by the fire district.

**STRUCTURE FIRE**

First fire unit arrival	83.3%	6.7% deficient
First alarm assignment arrival	50.0%	40.0% deficient

**WILDLAND FIRE**

Turnout time	86.4%	3.6% deficient
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**OTHER FIRE**

First fire unit arrival	73.0%	17.0% deficient
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Structure fire response has seen the most change in response. The numbers show a increasing deficiency in this area. While EMS response shows improvement. The very low numbers of structure fire response contributes to the large variation in numbers year to year.

**CLOSING**

This is the sixth Annual report is in response to Chapter 52.33 of the Revised Code of Washington which requires a reporting made available to the public. This report is the best representation of the required reporting contents. We are continuing to work on more accurate information to be used the time reporting intent of the legislation.

Any questions as to the contents of this report should be directed to Asst. Chief Eric Andrews