

Fire Department Summary

July 11, 2014

(Updated July 29, 2014)

Service Calls - Personnel – Equipment

	Calls TWP/City	Out of District	Est. Responses	Levy	Equipment	FF (FT)	ADM	Total	FF (PT)		
2003*	3272	407	5642			62*	5*	67*	6*	ACTUAL	
2007	3802	866	6950			53	4	57	8		
2008	4000	637	7035	Last	-Replace 3 engines -Acquire ladder & heavy duty rescue -Replace support vehicle	53	4	57	7		
2009	3886	710	6925			57	5	62	5		
2010	4178	698	7380			57	5	62	6		
2011	4287	825	7685			56	5	61	5		
2012	4510	862	8675			56	4.5	60.5	5		
2013	4778	653	8775			57	4.5	61.5	3		
2014	4874	750	9035	Proposed		57	4.5	61.5	3		ACTUAL PROJECTED
2015	4971	800	9235		-Replace 2 engines -Replace 4 support vehicles -Replace medic unit -Replace Aerial Platform ??	Restore 2	5	64	10		
2016	5070	850	9435				5		10		
2017	5172	865	9635				5		10		
2018	5275	880	9835			5	9				
2019	5381	895	10040			59	5	9			
2020	5490	910	10240			Restore	5	65	8		
2021	5600	920	10450		1 ??	5	65	8			
2022	5710	950	10650	Next?		60	5	65	8	PROJECTED	

*Peak Staffing

(Still below peak staffing)

Service Calls (All)

2003 thru 2013 (10 years) $5431 \div 3679 = 47.6\%$ increase or about 4.8% per year
 2014 thru 2021 (7 years) $6520 \div 5624 = 15.9\%$ increase or about 2.3% per year

Responses

2003 thru 2013 (10 yrs.) $8775 \div 5642 = 55.5\%$ increase or about 5.5% per yr.
 2014 thru 2021 (7 yrs.) $10450 \div 9035 = 15.7\%$ increase or about 2.2% per yr.

Responses per Station Per Day

2003 4.4 (3.1)
 2013 6.0 (4.8)
 2022 7.3 (5.8)

(Assumes Station 1 has 40% of calls)

2013 Call Breakdown

$8122 \div 4778 = 1.7$ responses to calls

EMS 4299 (79%)
 FIRE 1132 (21%)
 5431 (100%)

Shift Personnel

	Present	Next Levy
A.	19	20
B.	19	20
C.	<u>18</u>	<u>18</u>
	56	58
Safety off.	1	1
Inspector	-	1
Admin.	<u>4.5</u>	<u>5</u>
	61.5	65

EMS Transport 3299 (76.7%)
 EMS ALS 1222 (37%)
 EMS BLS 2077 (63%)
 3299 100%

STFD only transports ALS which is $875 \div 3299 = 26.5\%$

Possible Growth for EMS Transport

Unavailable & Exceed 20 min (BLS) 300 to 400 calls/yr
 Backup to L.C. EMS 125 to 175 calls/yr
 Approx. 500 calls/yr 425 to 575 calls/yr
 This may increase STFD from 26.5% to 40% of transport calls

(2003 was max. 67)