

# Finance Committee Budget Review Fiscal Year 2014



# Resources - Personnel

- 44 – Personnel - Emergency Services
- 1 Fire Prevention Officer
- 4 Fulltime Dispatchers
- 4 Part-time Dispatchers
- 1 Part-time Billing Clerk
- 1 Part-time Admin. Assistant
- 2 Chief Officers

*51 FT – 6 PT*

*Total 57 Employees*



# Stations - Deployment



Headquarters – 40 West Central Street



Engine #1 Staffed with 3



Ladder – Ambulance – Brush Vehicle  
Cross – Staffed with 2



# Stations - Deployment



Station #2 – 600 King Street



Engine #4 Staffed with 3

**Note:**  
Reduced  
Staffing  
Station  
Staffed  
with 4



Ambulance – Brush Vehicle  
Cross –Staffed with 2



# Output Measures FY'12

Type of Emergency	2008	2009	2010	2011	2012
Building fire	27	23	20	34	24
All other Fire Emergencies	89	44	45	54	79
Overpressure Rupture, Explosion, Overheat	1	-	2	2	3
EMS call, excluding vehicle accident with injury	2,154	2,082	2,164	1,932	2,055
All other Rescue Calls	238	233	232	190	205
Hazardous Condition	87	105	100	90	102
Service Call - Public Assistance	216	176	190	301	275
Good Intent Call	208	237	213	184	191
Alarm Activations	413	407	439	464	424
Severe Weather & Natural Disaster	2	-	8	1	16
Special Incident Type	3	2	1	2	11
<i>Total Emergency Response</i>	3,438	3,309	3,414	3,254	3,385

Major Recap	2008	2009	2010	2011	2012
Emergency Medical Incidents	2,392	2,315	2,396	2,122	2,260
Fire & Non Emergency Medical Calls	1,046	994	1,018	1,132	1,125
Total Emergency Responses	3,438	3,309	3,414	3,254	3,385

# Operational Challenges

- Adequate levels of response personnel to:
  - Sustain daily minimum shift staffing
  - Meet Minimum Response Standards
  - Maintain a sustainable reliance on overtime
  - Experience a lower rate of line of duty injuries



# Response Time to EMS Matters!

- Reduced response time has a positive impact on mortality on:
  - 2 Day Mortality
  - 30 Day Mortality
  - 90 Day Mortality
  - 1 Year Mortality
  - 4 Year Mortality
- Marginal impact of 1 minute of increase in response time increases mortality at 1 year by 13%.
- A one minute reduction in response times across the US would save more than 300,000 lives annually



# Survival Rate After Flashover

Fire Extension	<i>Rate per 1000 Fires</i>		
	Civilian Fire Deaths	Civilian Injuries	Average Dollar Loss
Confined to Object of Origin	.08	9.25	313
Confined to Room of Origin	4.99	47.00	8,948
<b>Beyond Room of Origin</b>	<b>17.62</b>	<b>80.45</b>	<b>34,011</b>
Beyond Floor of Origin	27.48	59.38	58,820

*Source NFPA 1700-2010*



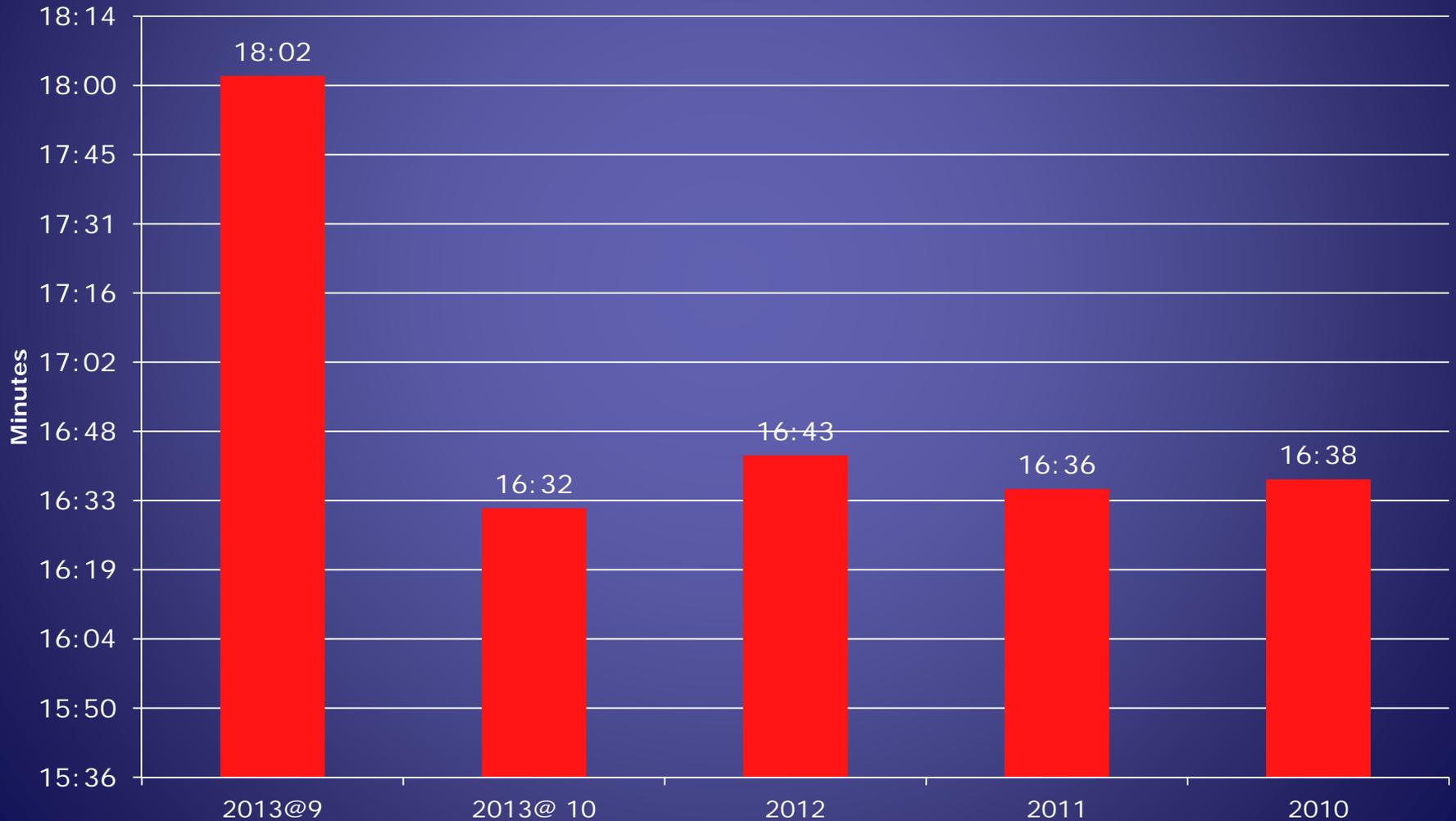
# Response Times



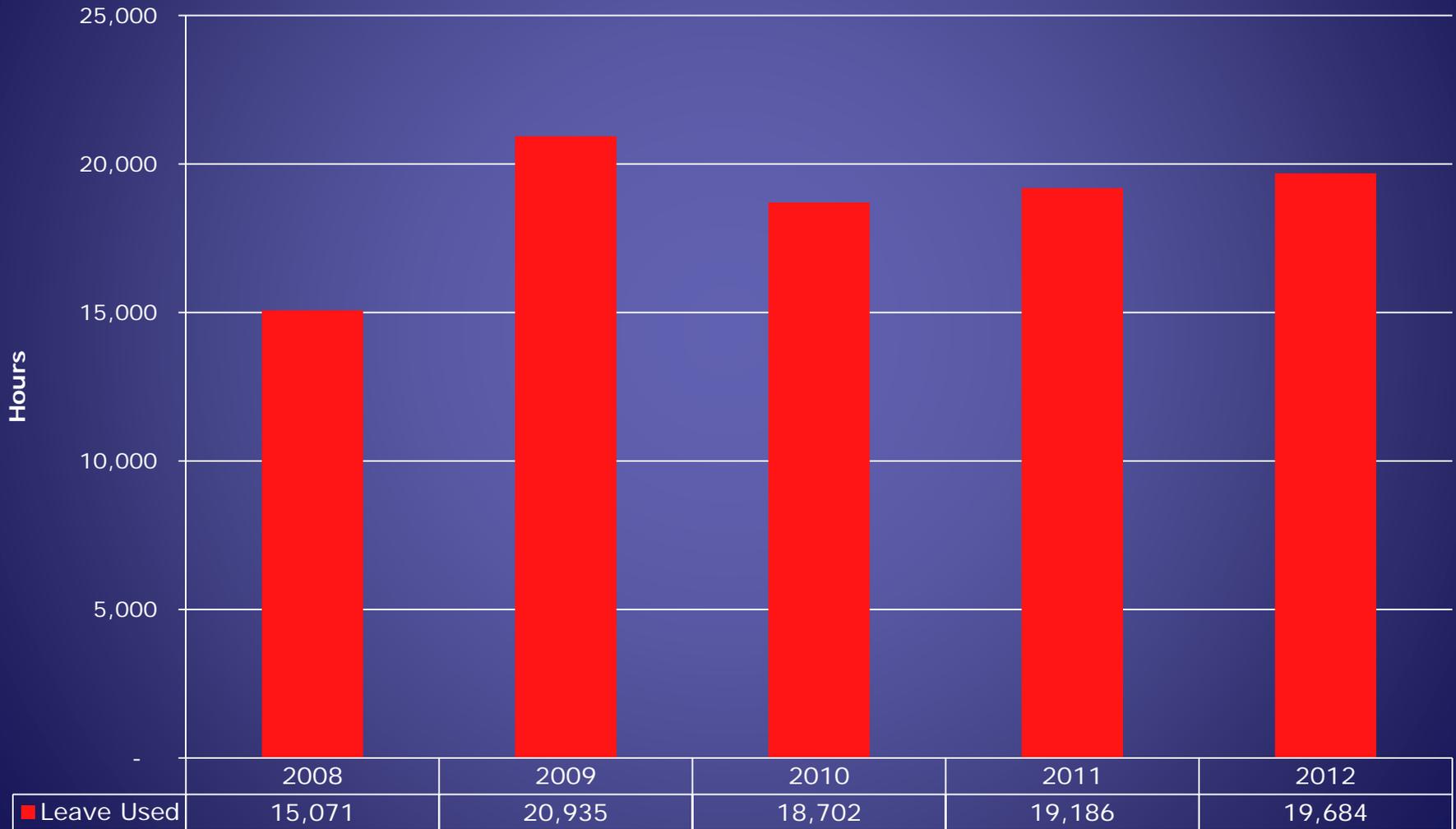
# EMS On-scene Time



# Average On-scene – Station #2



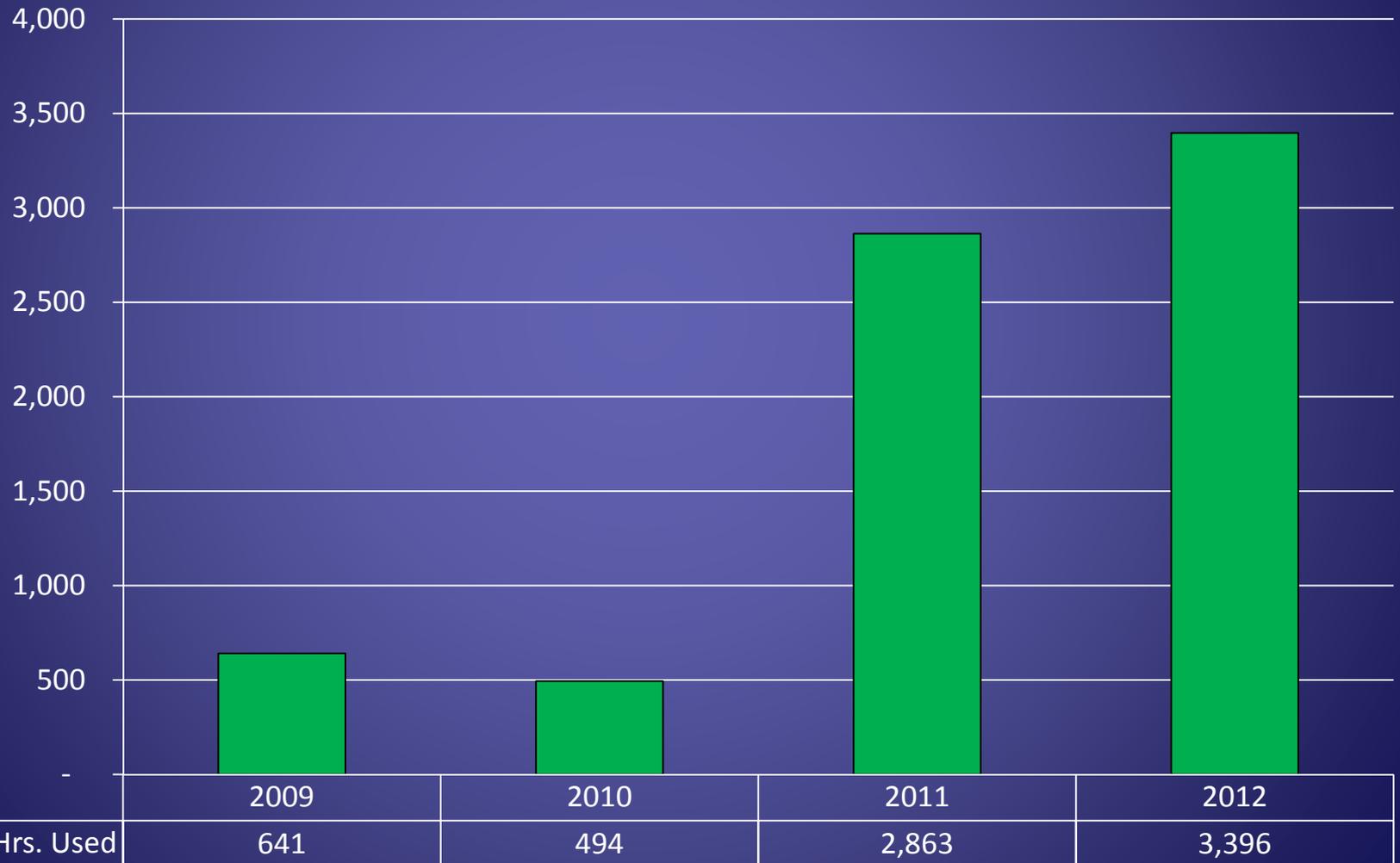
# Overtime Usage



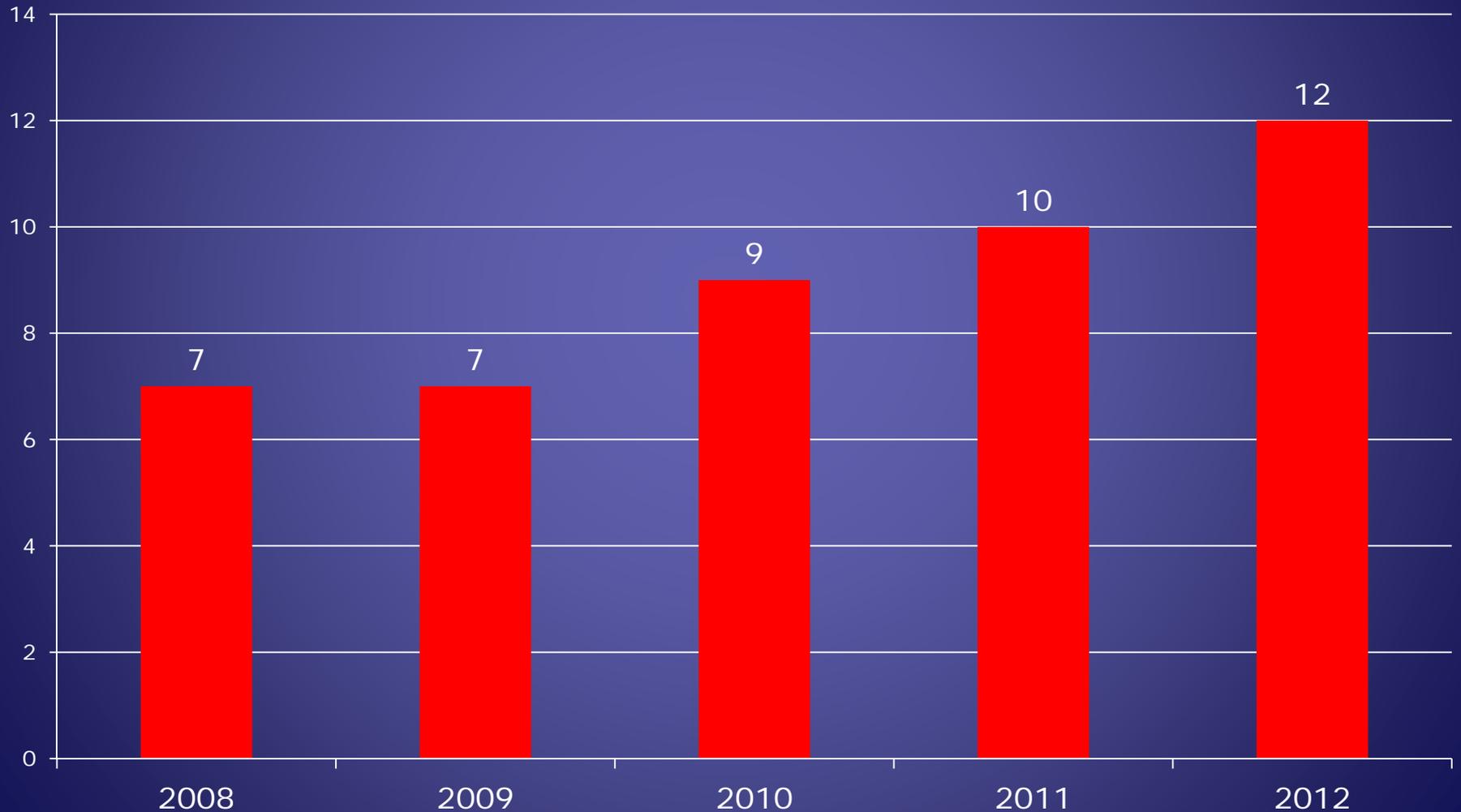
# Shift Replacement Rates



# Line of Duty Injuries – Hours Lost

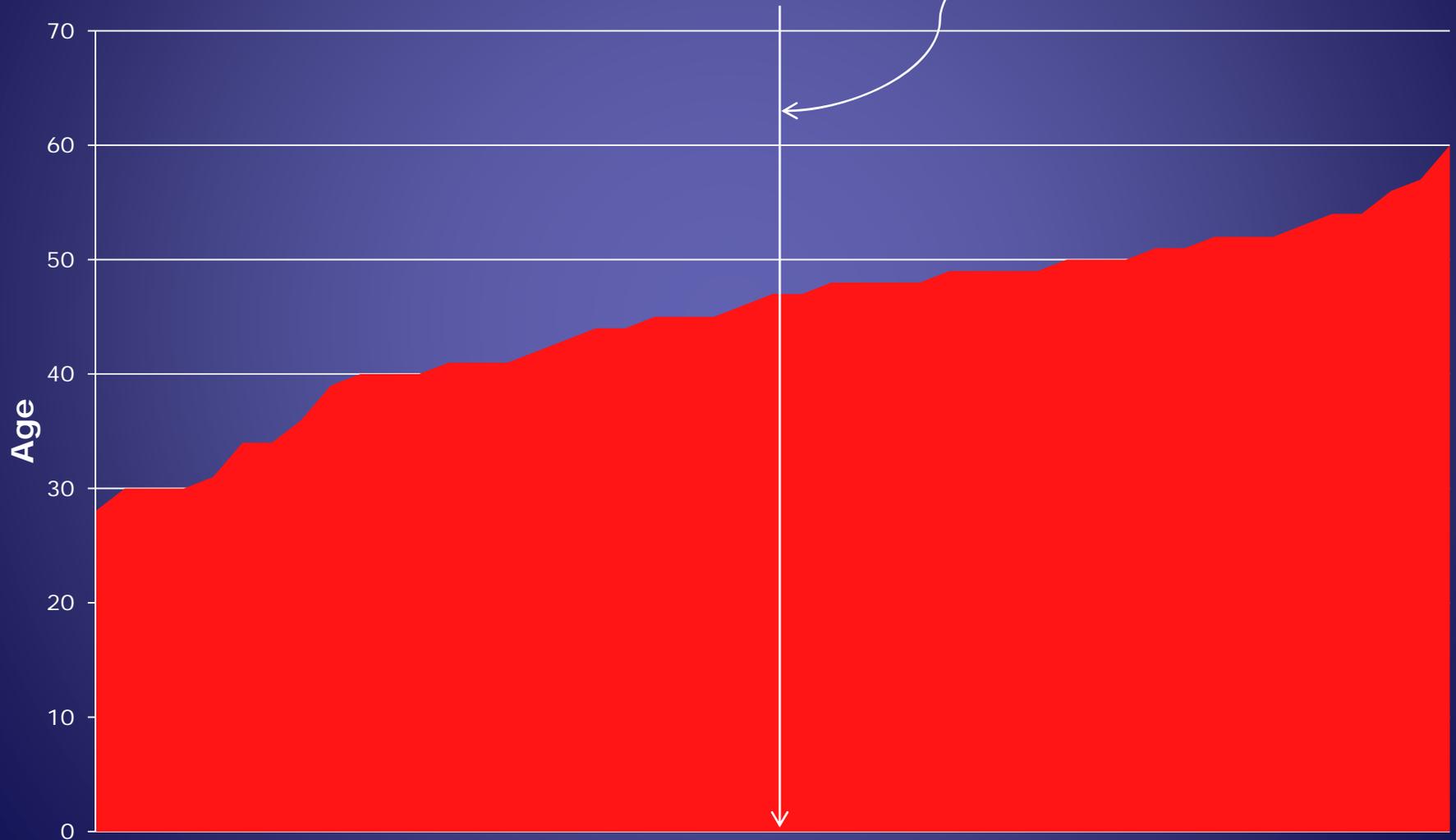


# Line of Duty Injuries - # Injuries



# Aging Workforce

Mean Employee age = 47 years



# Solution

- Increased staffing levels achievable:
  - Divert funds currently allocated to OT
  - Costs savings associated with Regional Dispatch





# Questions?

