

# GA Safety Performance

FY16



Federal Aviation  
Administration

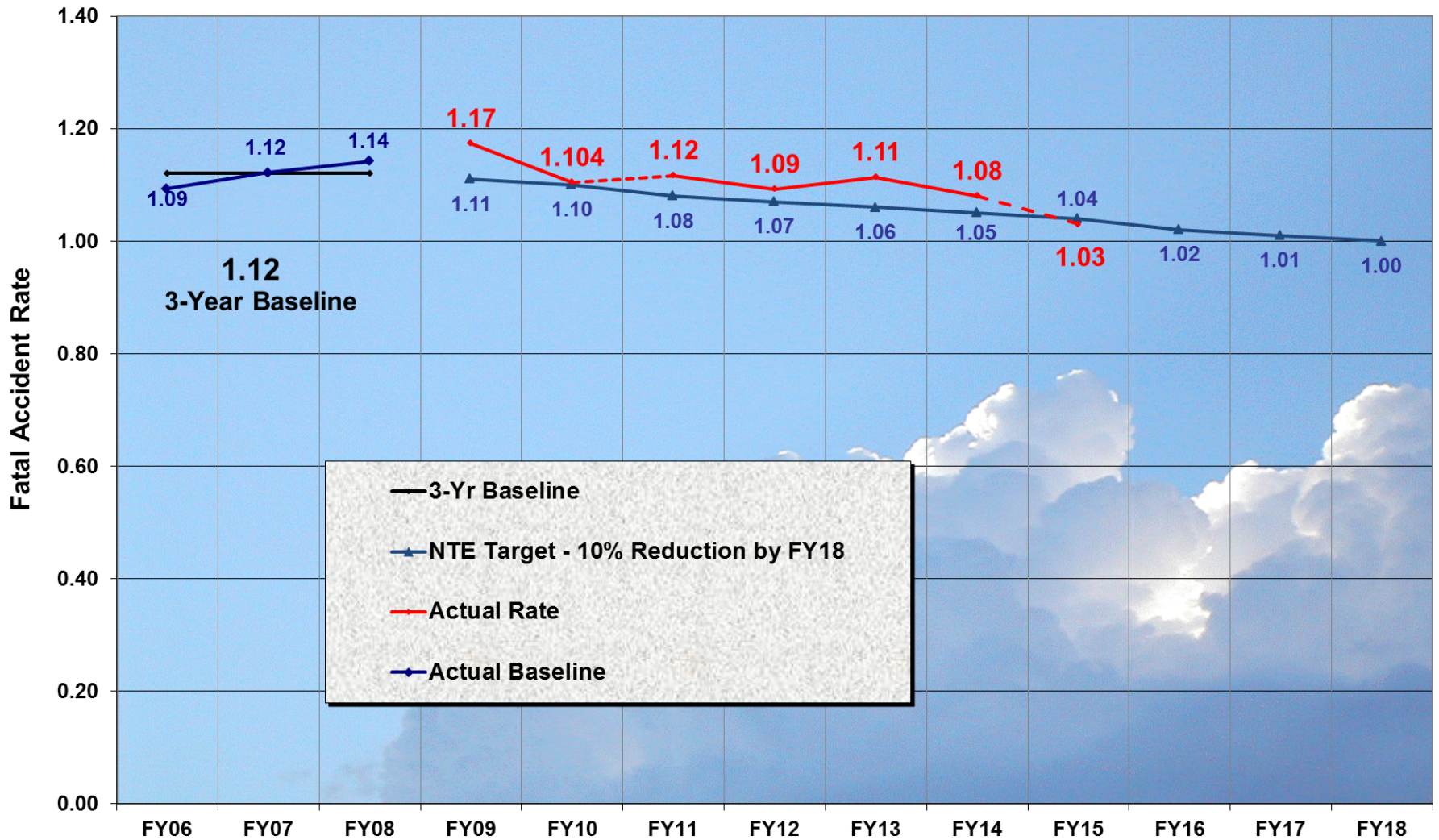
Presented to: **GAJSC / SAT**

# GA Safety Performance Metrics

- **N-registered aircraft only**
- **Overall GA Fatal Accidents per 100,000 hrs**
  - Everything not 121 or commuter
- **Alaska Fatal and Serious Injury Accidents per 100,000 hrs (Internal)**
  - Everything not 121, includes commuter
- **Experimental Aircraft Fatal Accidents**
  - Interim until we can finalize a rate-based metric and goal



# AVS Safety Performance GA Fatal Accident Rate (Fatal Accidents/100,000 Hours)



— 3-Yr Baseline  
 ▲ NTE Target - 10% Reduction by FY18  
 — Actual Rate  
 ◆ Actual Baseline



## FY2016 GA FATAL ACCIDENTS

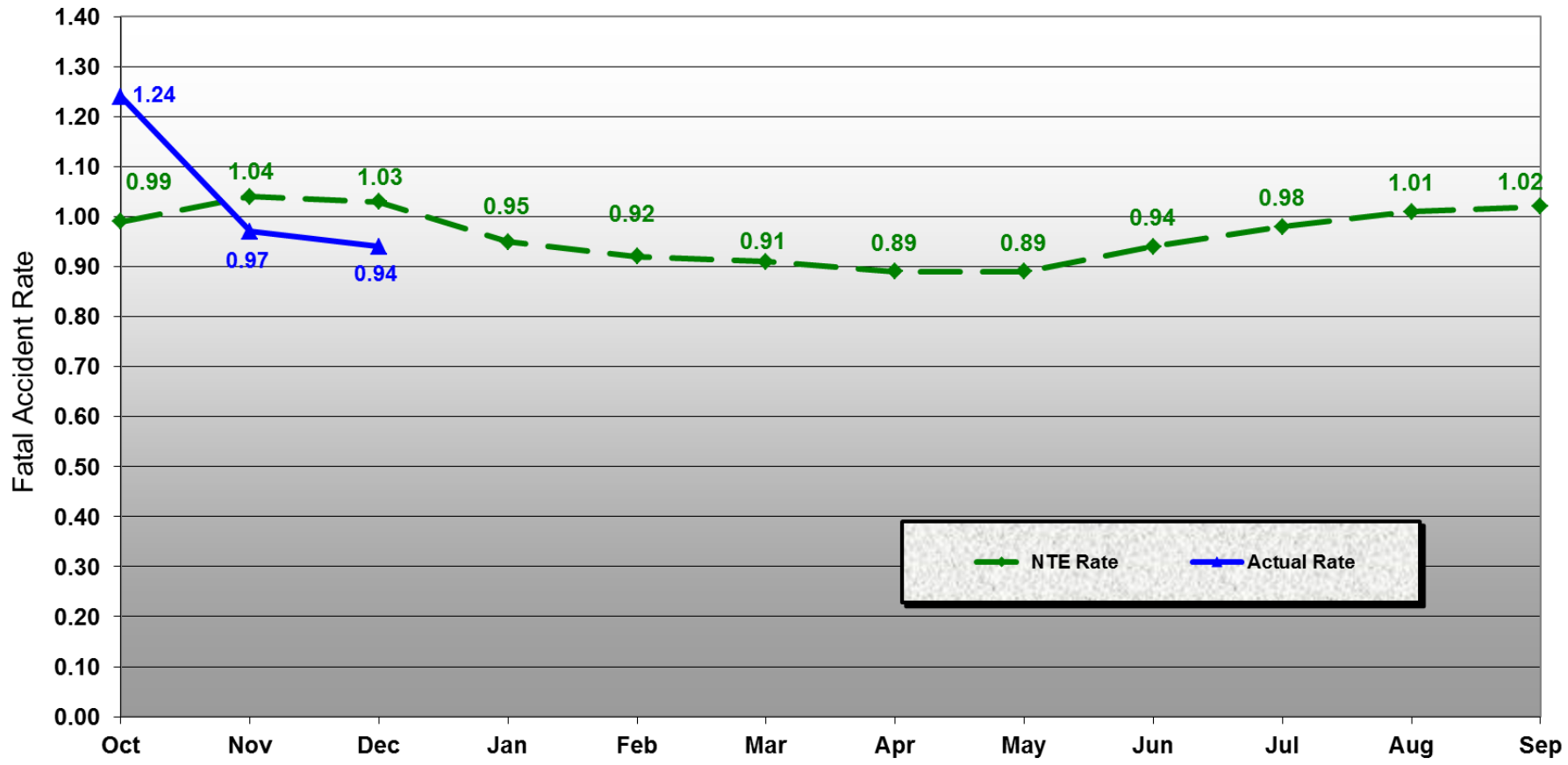
**NTE Targets are Rate-based on 1.02 Fatal Accidents per 100,000 Hrs and are subject to change until APO provides activity estimates for FY16**

	Actual	Daily Prorated NTE	NTE For Month	Daily Over/Under for Month	Day of month	Total Days in Month	Fatalities
Oct	25	20	20	5	31	31	42
Nov	12	20	20	-8	30	30	28
Dec	14	16	16	-2	31	31	30
Jan	2	3	12	-1	6	31	3
Feb			13			28	
Mar			17			31	
Apr			16			30	
May			19			31	
Jun			26			30	
July			28			31	
Aug			26			31	
Sep			23			30	
<b>TOTAL</b>	<b>53</b>	<b>59</b>	<b>236</b>	<b>-6</b>			<b>103</b>



# AVS FY16 Safety Performance

## GA Fatal Accident Rate (Fatal Accidents/100,000 Hours)



\* Based on Projected Hours

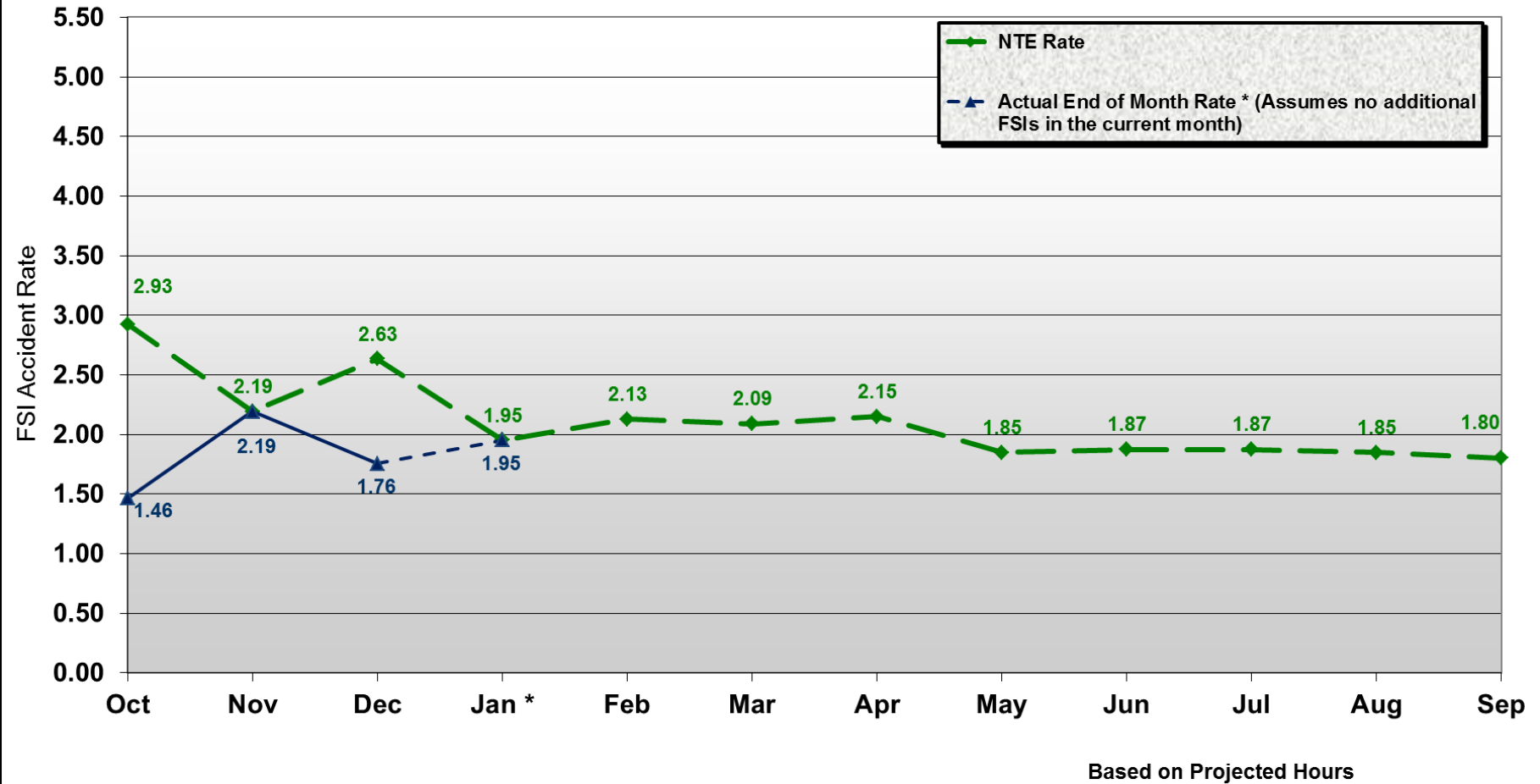


## FY2016 ALASKA FSI ACCIDENTS

	Actual	Daily Prorated NTE	NTE For Month	Daily Over/Under for Month	Day of month	Total Days in Month	Fatal & Serious Injuries	Fatal Accident	Fatalities
Oct	1	2	2	-1	31	31	1	1	1
Nov	1	0	0	1	30	30	1	0	0
Dec	0	1	1	-1	31	31	0	0	0
Jan	1	0	0	1	6	31	8	0	0
Feb			1			28			
Mar			1			31			
Apr			1			30			
May			0			31			
Jun			2			30			
July			3			31			
Aug			3			31			
Sep			2			30			
<b>Total</b>	<b>3</b>	<b>3</b>	<b>16</b>	<b>0</b>			<b>10</b>	<b>1</b>	<b>1</b>



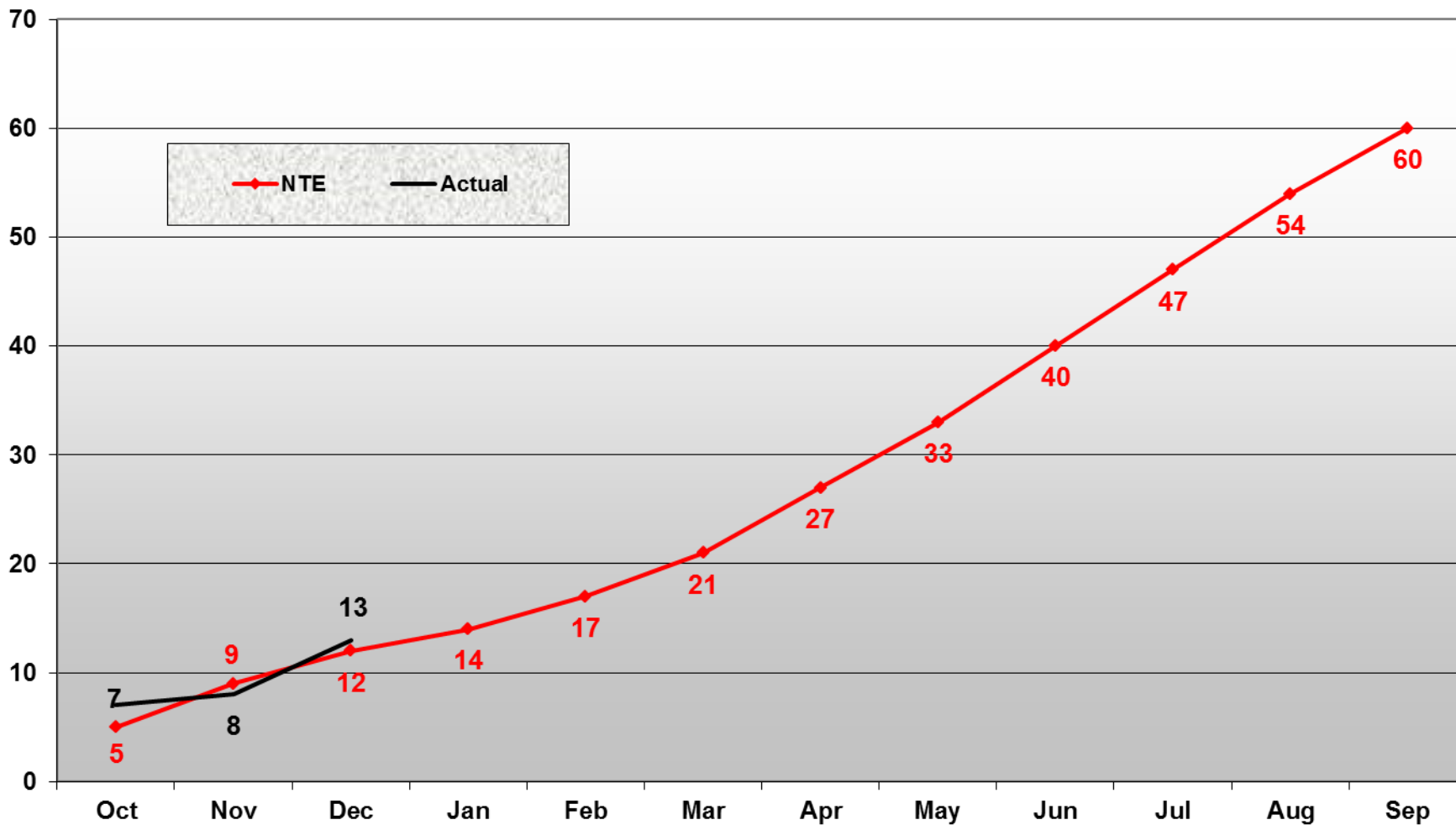
**AVS FY16 Safety Performance**  
**Alaska Fatal/Serious Injury Accident Rate**  
 (FSI Accidents/100,000 Hours)



# AVS FY2016 Safety Performance

## Number of Experimental Fatal Accidents

As Dec 31, 2015





## FY16 Experimental Fatal Accidents

	Type	#	% of Exp	% of All GA	
	Amateur Built	9	64.3%	17.0%	
	E-LSA	1	7.1%	1.9%	
	Racing	0	0.0%	0.0%	
	Exhibition	3	21.4%	5.7%	
	R&D	1	7.1%	1.9%	
	Market Survey	0	0.0%	0.0%	
	Comp w/FAR	0	0.0%	0.0%	
	<b>Total</b>	<b>14</b>		<b>26.4%</b>	



# Rotorcraft Fatal Accidents FY93 - Current

