



# Fatal Accident Rate, Fatality Rate, and Accident Rate Update

Calendar Year 2017

**Compiled: January 2018**





## USHST Goal

- 20% reduction in the U.S. helicopter fatal accident rate by CY2020
  - Four year goal
    - Start Date: January, 2016
    - End Date: December, 2019
  - Baseline for measurement
    - 5 year average for the U.S. fatal accident rate
    - Average of CYs 09-10, 12-14 = 0.76
    - CY11 excluded due to problems with FAA's GA Survey that year
  - To achieve goal of a 20% reduction by CY2020:
    - Fatal accident rate reduced from 0.76 to 0.61 or less by the end of CY 2019



## Source of flight hours for rate calculations

- FAA's General Aviation and Part 135 Activity Survey:
  - Used for all years 2016 and prior (2009-10, 2012-16)
- FAA's FY 2017-2037 Aerospace Forecast:
  - Used for 2017



## 2017 Metrics Corrections

- One fatal accident removed from metrics
  - 10/7/2017, UH-1H, N58468, Brian Head, UT
  - NTSB preliminary investigation initiated; concluded event would not be pursued as aviation event
- Updates to 2017 metrics will continue into 2018
  - Change to rates based on adjustment to accident counts are possible
    - Late reports of accidents are not uncommon
    - Incidents are sometimes upgraded to accidents
    - Accidents are sometimes downgraded to incidents
  - Change to rates based on adjustment to flight hours are possible
    - Next FAA Aerospace Forecast expected in March; will update 2017 flight hours
    - Next FAA GA Survey results will be released in late 2018; will finalize 2017 flight hours



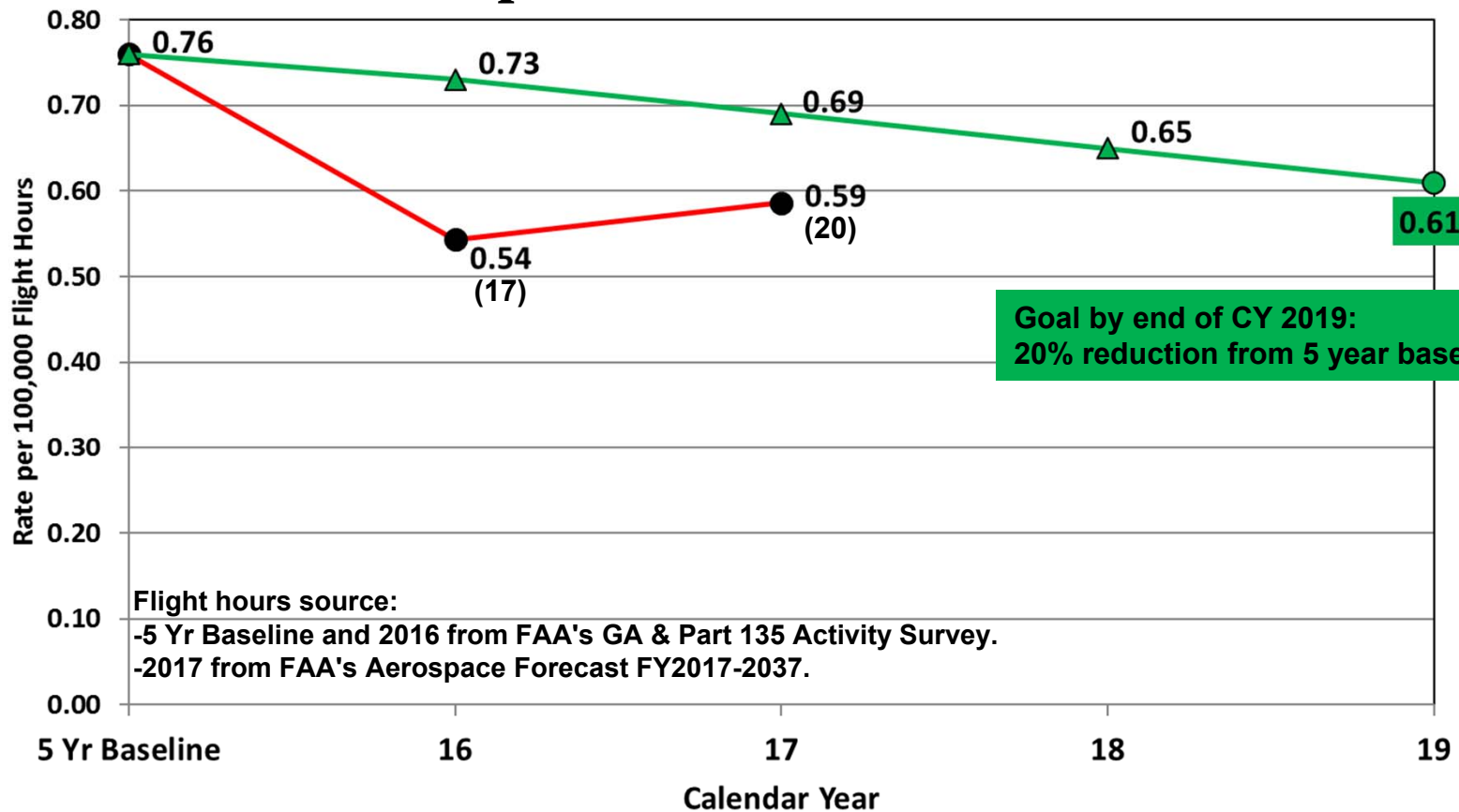
# USHST

United States Helicopter Safety Team

Our Vision: A Civil Helicopter Community With Zero Accidents



## U.S. Helicopter Fatal Accident Rate



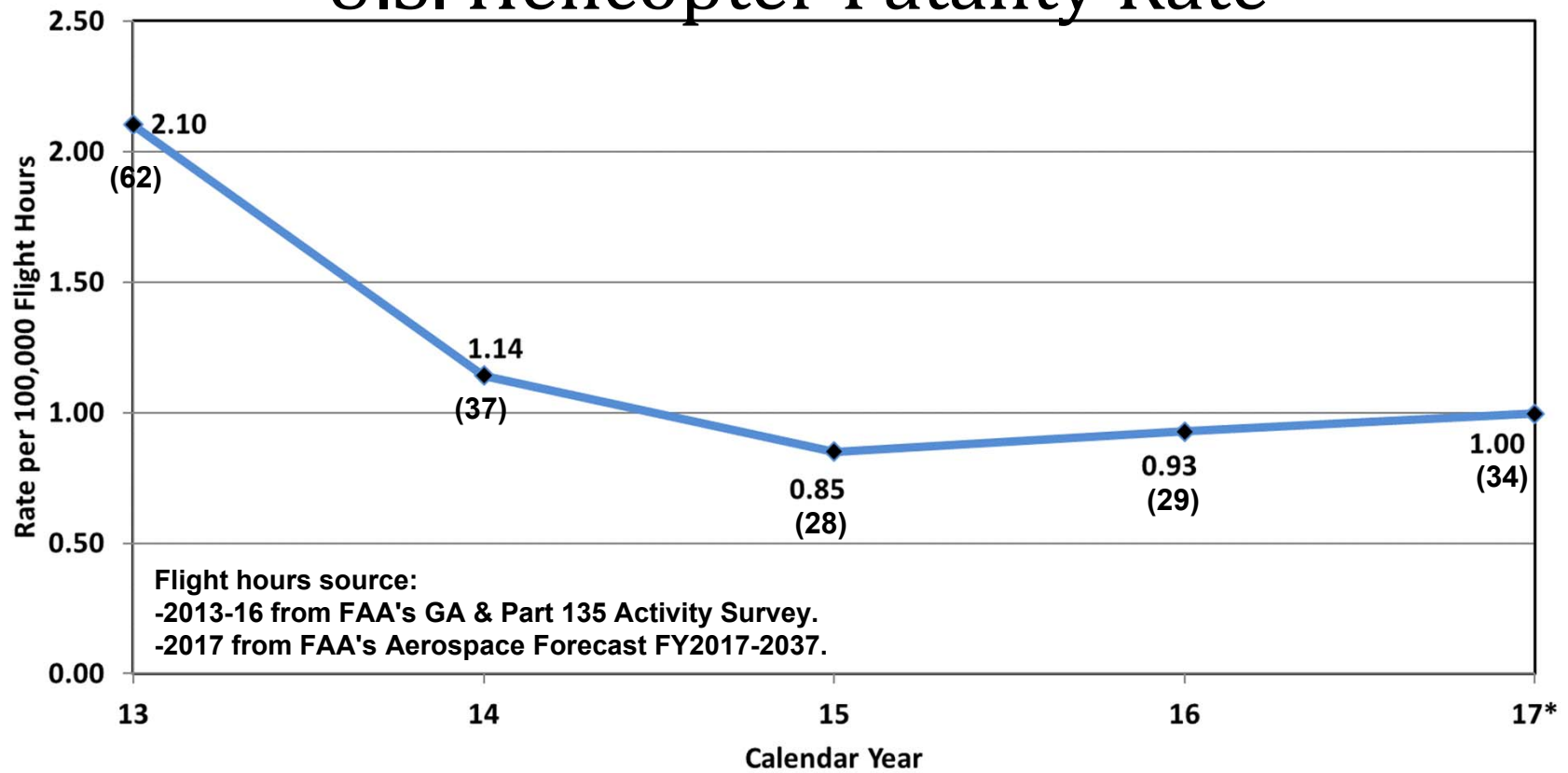
● Fatal Accident Rate

▲ Annual Milestone Fatal Accident Rate



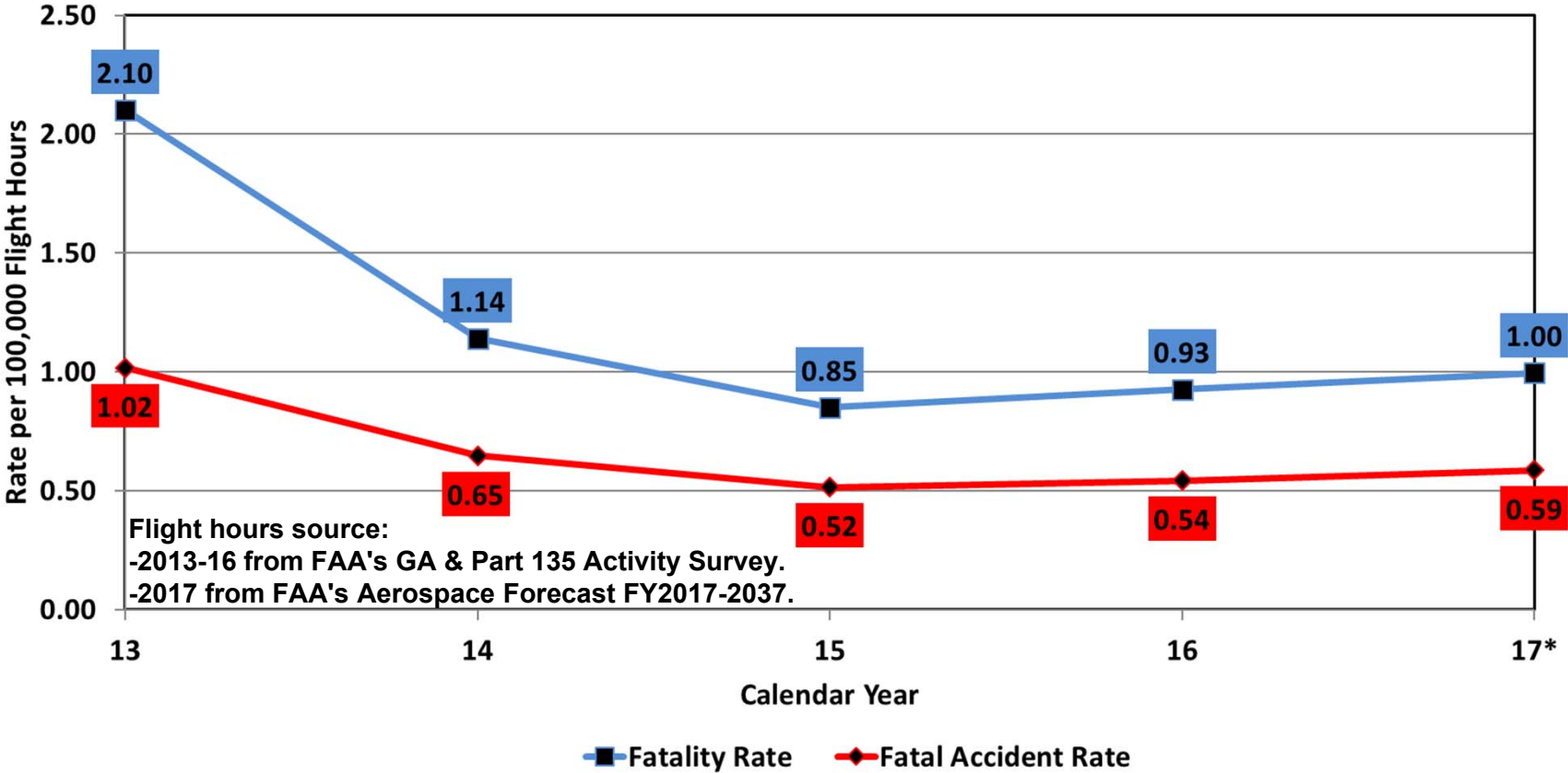


## U.S. Helicopter Fatality Rate





# U.S. Helicopter Fatal Accident & Fatality Rate





# U.S. Helicopter Accident Rate

