



Rotorcraft Accident Dashboard

Data Refresh Schedule: Every Tuesday at 1:00 AM ET

Dashboard Navigation

Historical Briefing

Make Model Breakdown

Fiscal Year Briefing

Report Month
Feb 2025

Click on icon for help



FY25: October-February

31 Total Accidents
 ▼16% vs. Same Period, Previous FY
 ▼12% vs. Same Period, 5 Year Average

8 Fatal Accidents
 ▲14% vs. Same Period, Previous FY
 ▲18% vs. Same Period, 5 Year Average

18 Fatalities
 ▲13% vs. Same Period, Previous FY
 ▲17% vs. Same Period, 5 Year Average

2.79 Accident Rate (per 100K hours)
 ▼18% vs. Same Period, Previous FY
 ▼19% vs. Same Period, 5 Year Average

0.72 Fatal Accident Rate (per 100K hours)
 ▲12% vs. Same Period, Previous FY
 ▲9% vs. Same Period, 5 Year Average

1.62 Fatality Rate (per 100K hours)
 ▲11% vs. Same Period, Previous FY
 ▲9% vs. Same Period, 5 Year Average

U.S. Registered Rotorcraft Event Counts

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Grand Total
Total Accidents	7	8	4	4	8								31
Fatal Accidents	2	2	1	1	2								8
Fatalities	7	4	1	3	3								18

Same time period, previous FY:
Accidents: 37; Fatal Accidents: 7; Fatalities: 16.



Estimated Rates by Month (per 100,000 flight hours)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Grand Total
Accident Rate	2.69	3.59	2.06	1.97	3.45								2.79
Fatal Accident Rate	0.77	0.90	0.51	0.49	0.86								0.72
Fatality Rate	2.69	1.80	0.51	1.48	1.29								1.62

Same time period, previous FY:
Accident Rate: 3.38; Fatal Accident Rate: 0.64; Fatality Rate: 1.46.



*5 Year Average Rates are for reference, 5 year rates are not normally distributed.

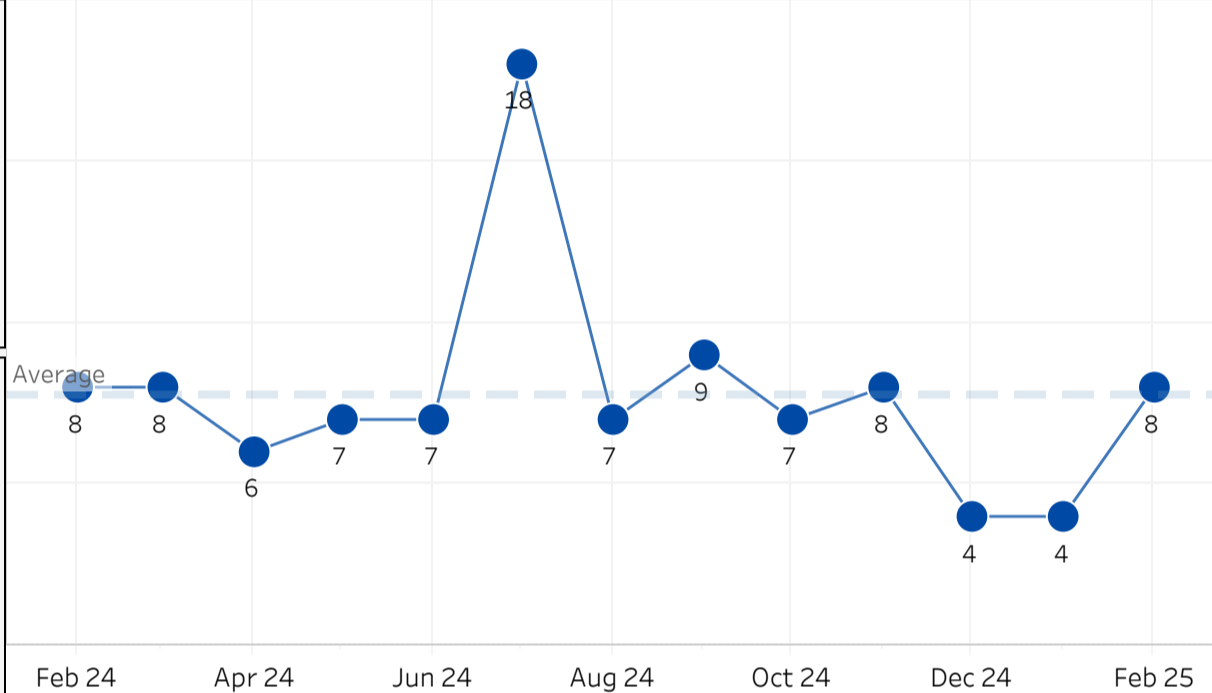
U.S. Registered Rotorcraft 13 Month Accident Count

vs. Same Month Previous Year:

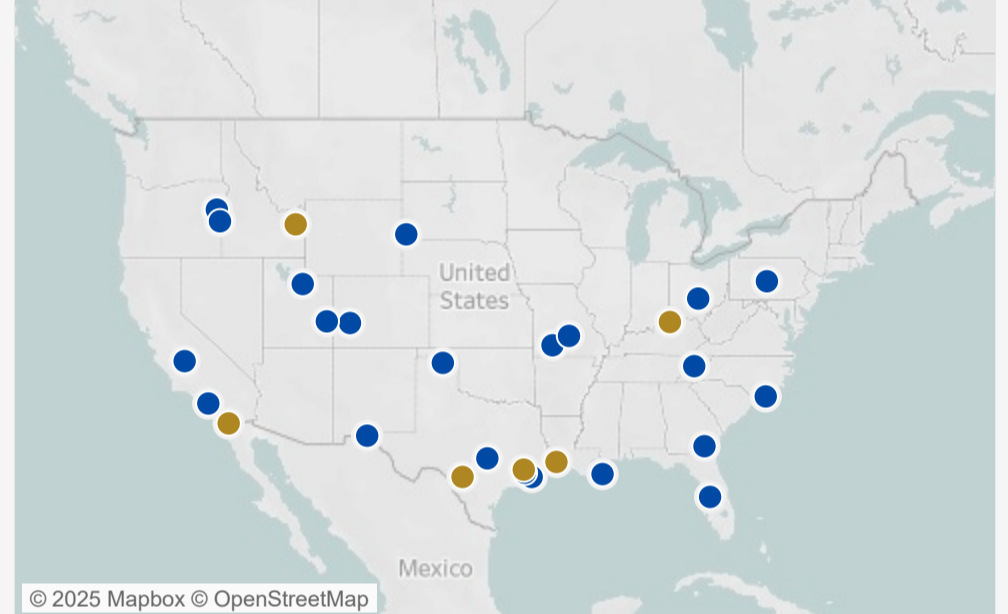
- 0%

vs. 12 Month Average:

▲3%



Accident Details



Map

Summary

Accidents by Industry Sector

All Accidents

31 Total Accidents

Business	3% {1}
Firefighting	3% {1}
Aerial Application	6% {2}
Aerial Observation	6% {2}
Air Tour / Sightseeing	6% {2}
External Load	6% {2}
Law Enforcement	6% {2}
Unknown	6% {2}
Helicopter Air Ambulance	13% {4}
Instructional/Training	13% {4}
Personal/Private	29% {9}

FY to Date | This Month

Fatal Accidents

8 Fatal Accidents

Air Tour / Sightseeing	13% {1}
Firefighting	13% {1}
Helicopter Air Ambulance	13% {1}
Law Enforcement	13% {1}
Personal/Private	50% {4}

FY to Date | This Month

The following notes apply to the charts above:

Data is subject to change

*The accident numbers for each month of the Fiscal Year may vary from what was reported previously based on analysis between FAA and NTSB databases for the specified month.

*For rate calculations, FY 2023-24 rotorcraft flight hours were based on the FAA's FY2024-2044 forecast (released April 2024). Historic rotorcraft flight hours were extracted from General Aviation and Part 135 Activity Survey. The forecast and survey categorize flight hours by calendar year.



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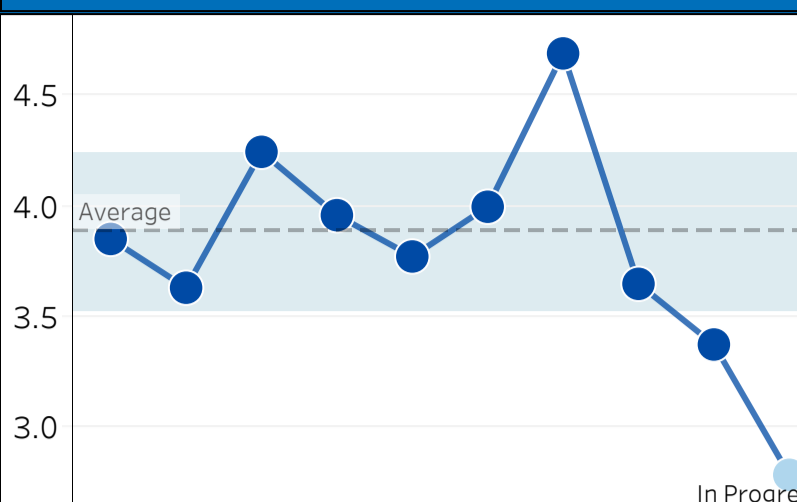
Report Month
Feb 2025

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Estimated Rotorcraft Accident Rate by FY

10 Year Lookback - Rates per 100,000 Hours

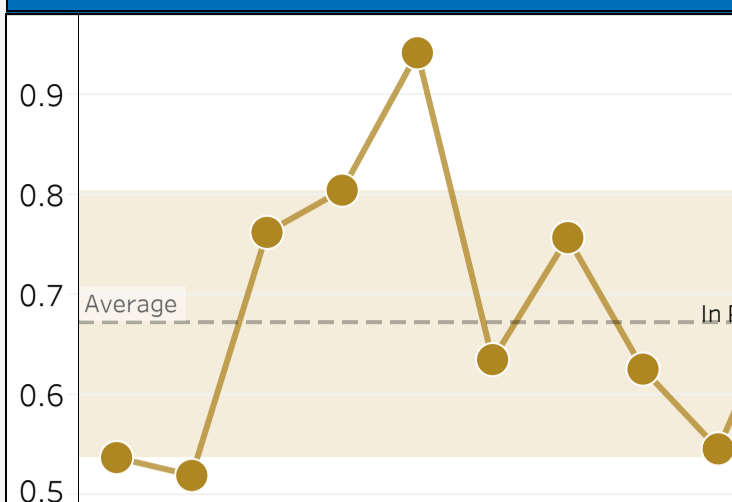


Accident Rates

Learn More

Estimated Rotorcraft Fatal Rate by FY

10 Year Lookback - Rates per 100,000 Hours

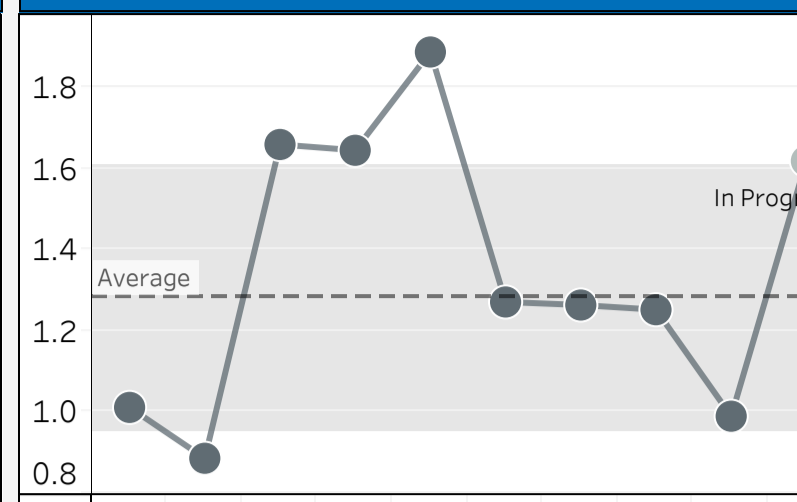


Fatal Rates

Learn More

Estimated Rotorcraft Fatality Rate by FY

10 Year Lookback - Rates per 100,000 Hours



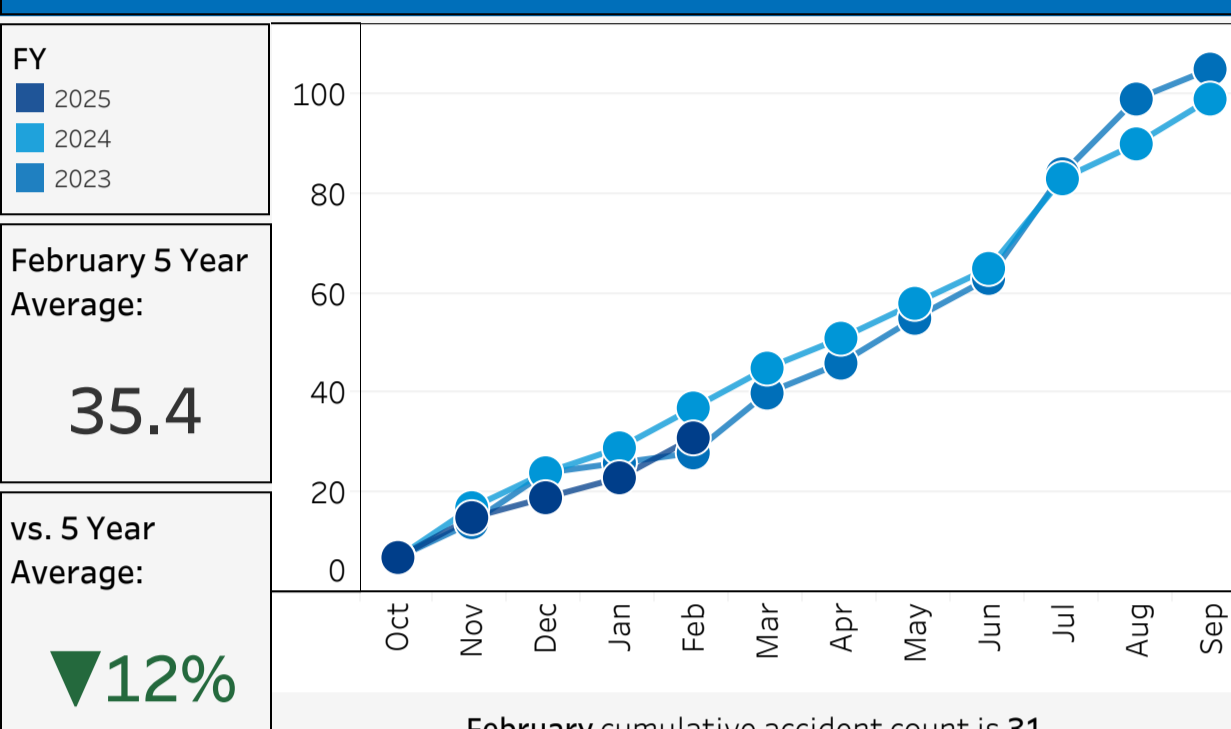
Fatality Rates

Learn More

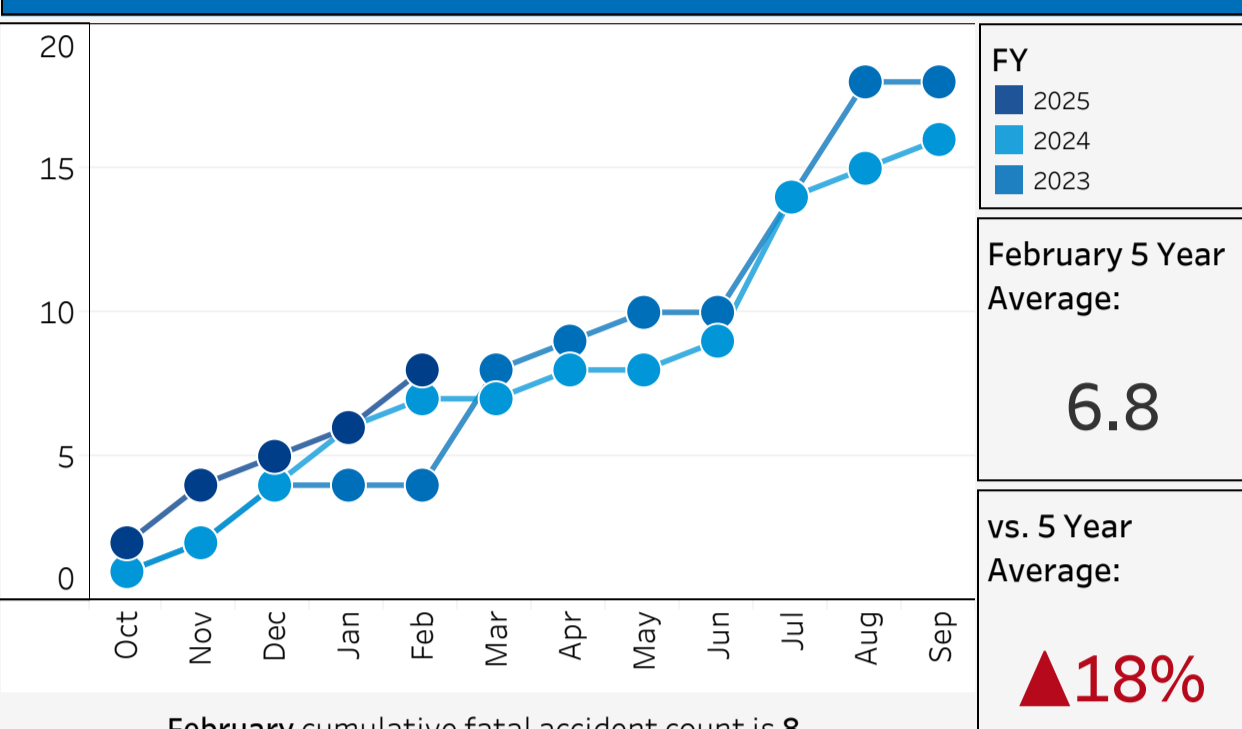
	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Accident Rate	3.85	3.63	4.25	3.96	3.77	4.00	4.69	3.65	3.38	2.79
Fatal Accident Rate	0.54	0.52	0.76	0.81	0.94	0.64	0.76	0.63	0.55	0.72
Fatality Rate	1.01	0.89	1.66	1.64	1.89	1.27	1.26	1.25	0.99	1.62

*Average Rates and Standard Deviation Ranges are for reference, rates are not normally distributed.

Cumulative Accident Count



Cumulative Fatal Accident Count

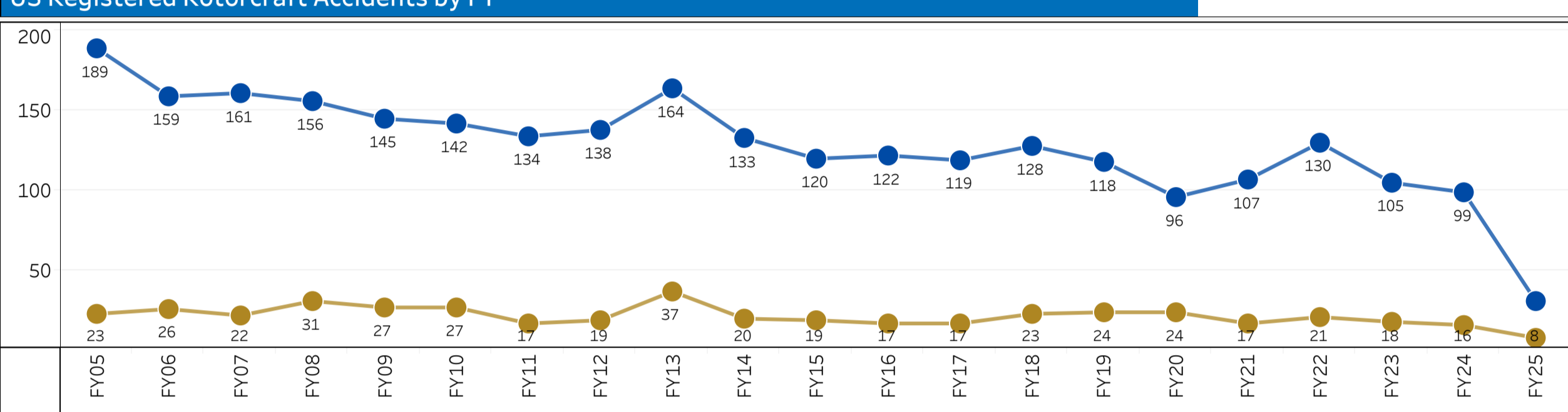


Select a FY Range to view for charts below

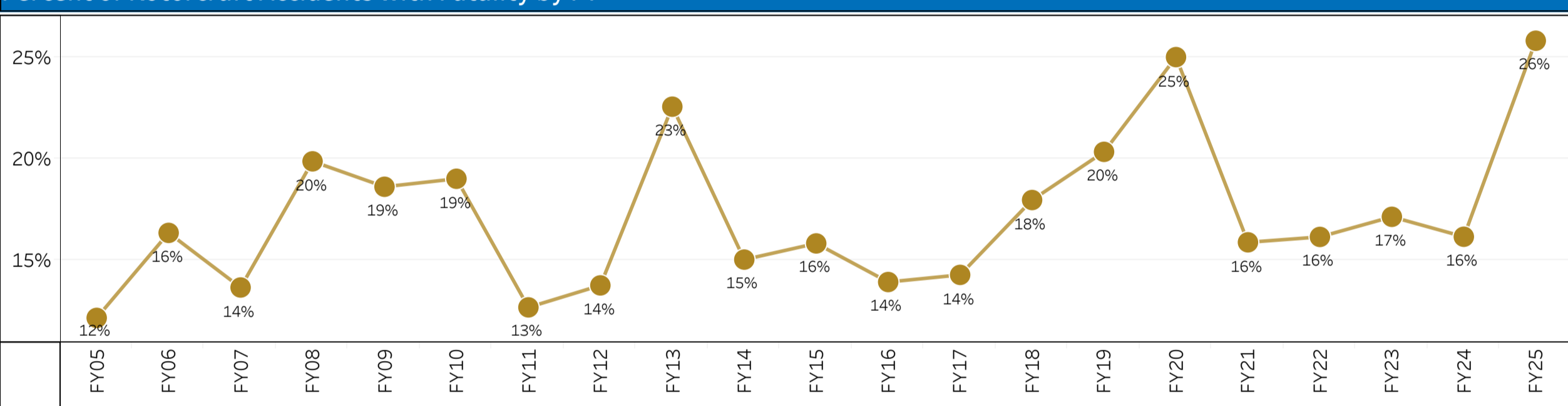
Past N Fiscal Years
20

US Registered Rotorcraft Accidents by FY

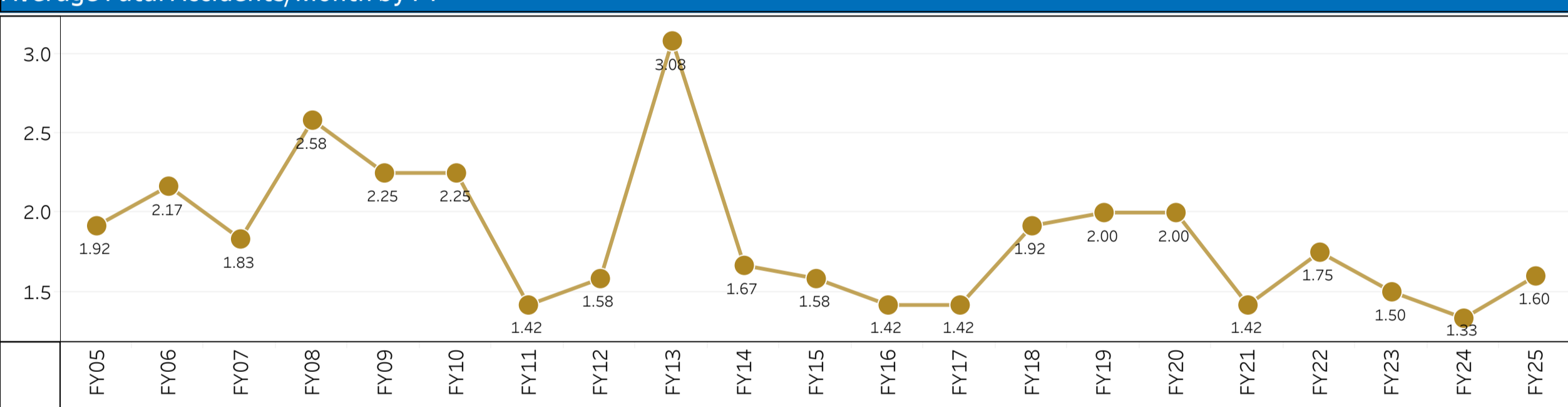
Fatal Accidents Total Accidents



Percent of Rotorcraft Accidents with Fatality by FY



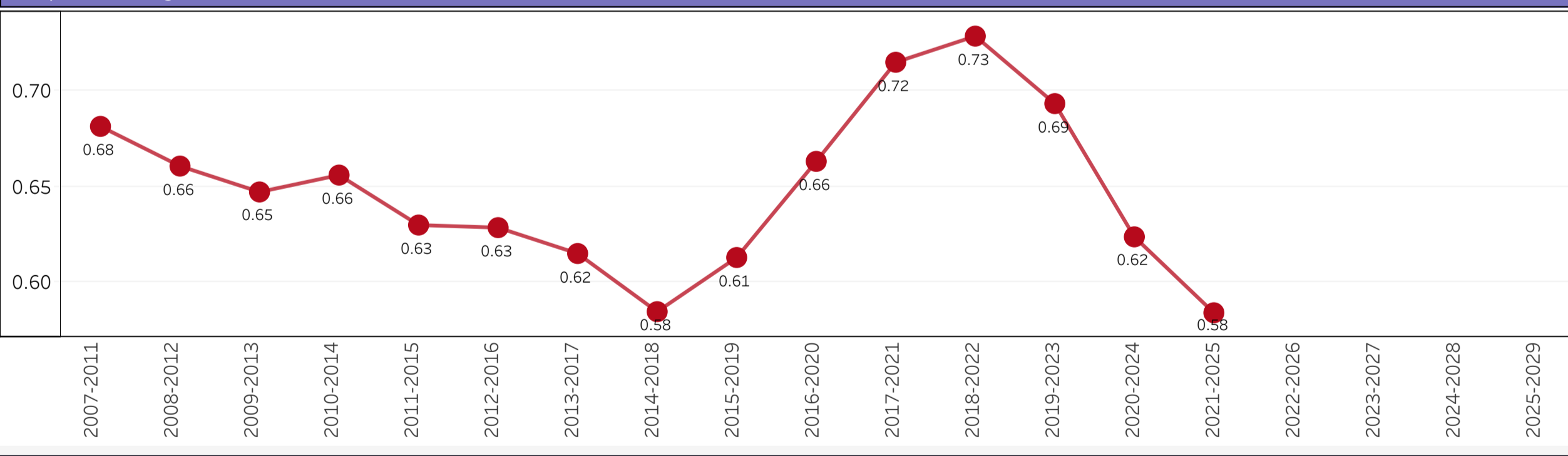
Average Fatal Accidents/Month by FY



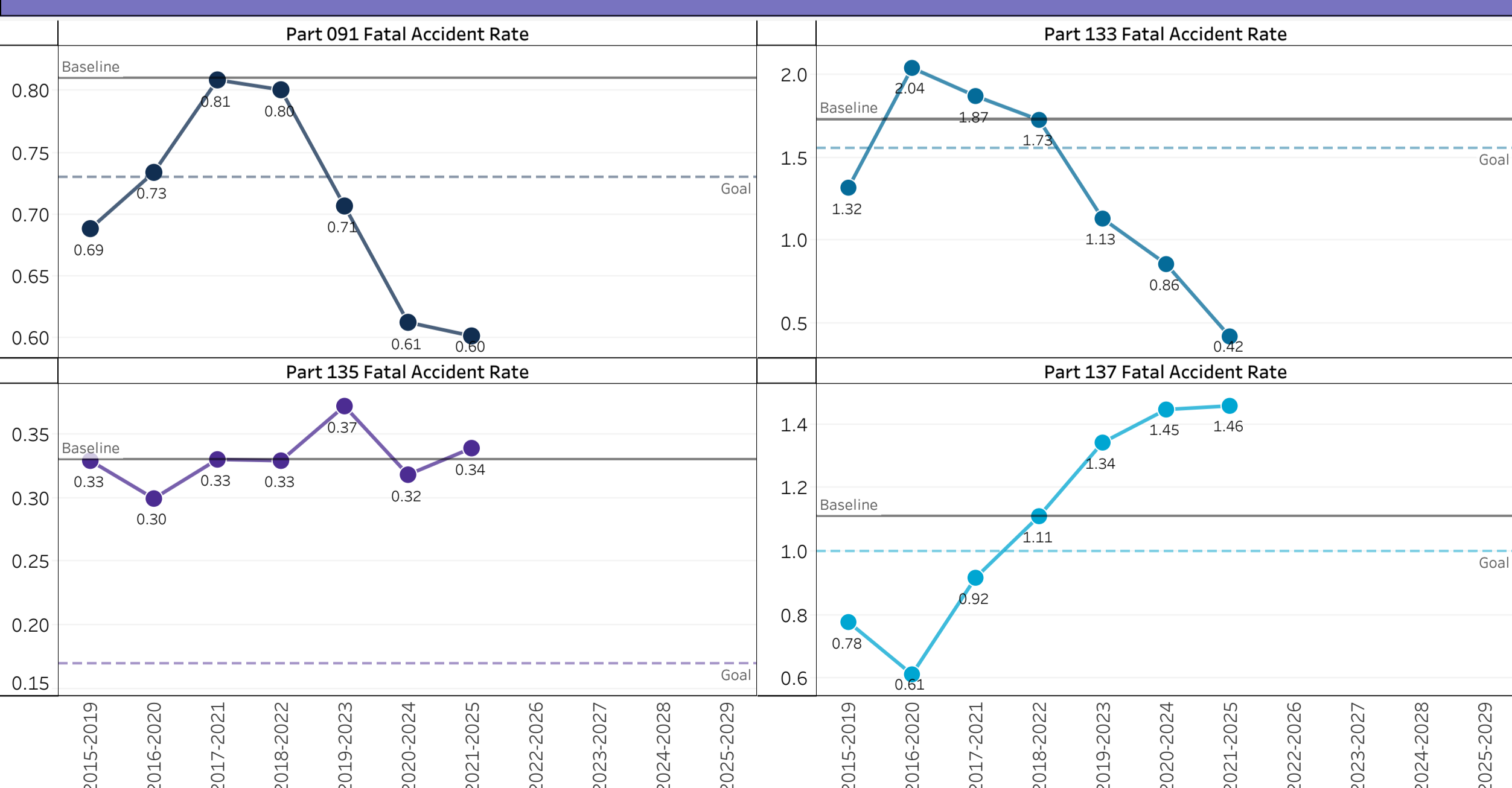
U.S. Helicopter Safety Team (USHST) Calendar Year Metrics

Fatal Rate: 5 Year Average

Rates per 100,000 Flight Hours



Fatal Rate by Operational Part: 5 Year Average..



The following notes apply to all the charts above:

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*For rate calculations, FY 2023-24 rotorcraft flight hours were based on the FAA's FY2024-2044 forecast (released April 2024). Historic rotorcraft flight hours were extracted from General Aviation and Part 135 Activity Survey. The forecast and survey categorize flight hours by calendar year.



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Aircraft Make
Airbus Helicopters

U.S. Registered Rotorcraft Accidents FY25: October - February

Total Accidents

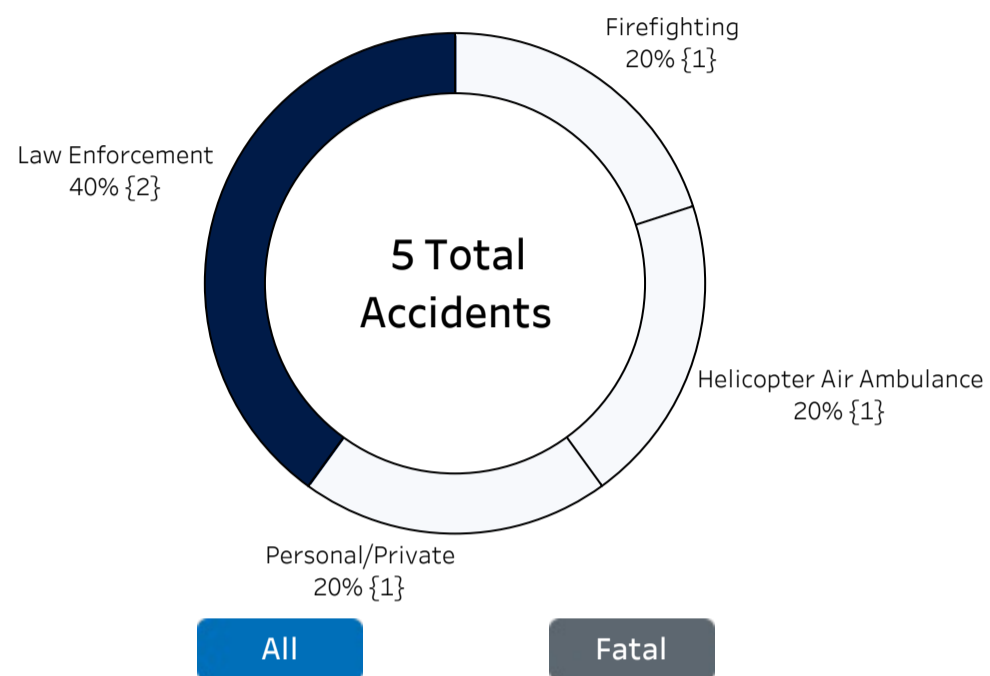
16% {5}

Fatal Accidents

25% {2}

Fatalities

11% {2}



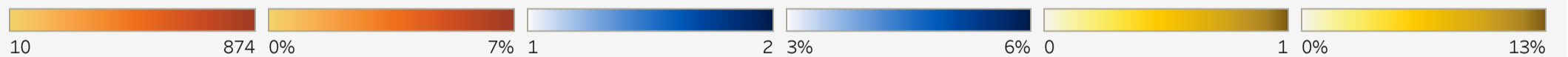
Fatal Accidents Brief Summary

Pending	12/16/2024	- Airbus Helicopters AS350, N617GC, Part 091, POTRERO, CA, 1 fatal - Law Enforcement public aircraft. - Last minute of flight, the ADS-B data noted S turns and a rapid descent. Crashed under unknown circumstances.
Pending	11/22/2024	- Airbus Helicopters AS332, N368EV, Part 091, Hay, AU, 1 fatal - U.S. registered firefighting a/c operating in Australia. - Ferry flight from Broken Hill Airport to Albury Airport. Crashed under unknown circumstances.

U.S. Registered Rotorcraft Accidents by Make and Model

Only models with an accident are listed

		U.S. Fleet Size (Registered and Active)	Percentage of Total U.S. Fleet (Registered and Active)	Number of U.S. Registered Accidents	Percentage of Total U.S. Registered Accidents	Number of U.S. Registered Fatal Accidents	Percentage of Total U.S. Registered Fatal Accidents
Airbus Helicopters	AS332	10	0%	1	3%	1	13%
	AS350	874	7%	2	6%	1	13%
	BK117	249	2%	1	3%	0	0%
	EC130	281	2%	1	3%	0	0%



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*Any listed Percentage of Total U.S. Fleet (Registered and Active) of "0%" is greater than zero, but rounded to the nearest whole percent.



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Make Model Breakdown

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Aircraft Make
Bell

U.S. Registered Rotorcraft Accidents FY25: October - February

Total Accidents

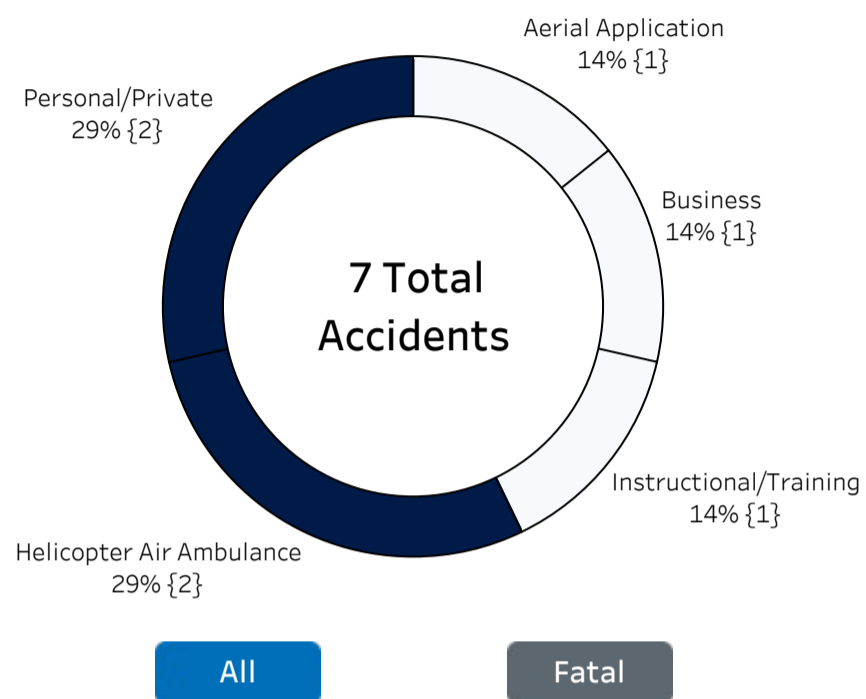
23% {7}

Fatal Accidents

38% {3}

Fatalities

39% {7}



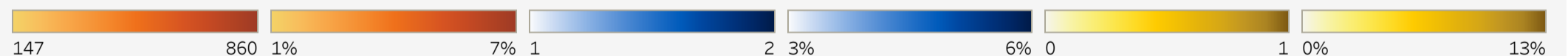
Fatal Accidents Brief Summary

Pending	2/20/2025	- Bell 505, N118LG, Part 091, Rexburg, ID, 1 fatal - Personal use flight. Possible wire strike based on witness report. - Crashed under unknown circumstances into frozen reservoir.
Pending	1/19/2025	- Bell 407, N622LT, Part 091, Paredones, CL, 3 fatal - Personal use flight. - Crashed about four minutes after takeoff in wooded terrain. A post-crash fire occurred.
NTSB: ERADFFA00F	10/7/2024	- Bell 206Ls, N230AE, Part 135, Owenton, KY, 3 fatal - Helicopter Air Ambulance flight w/pilot, flight nurse and medic on board.

U.S. Registered Rotorcraft Accidents by Make and Model

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Bell	206Bs	828	7%	2	6%	0	0%
	206Ls	514	4%	2	6%	1	13%
	407	860	7%	1	3%	1	13%
	505	147	1%	2	6%	1	13%



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Aircraft Make
Robinson

U.S. Registered Rotorcraft Accidents FY25: October - February

Total Accidents

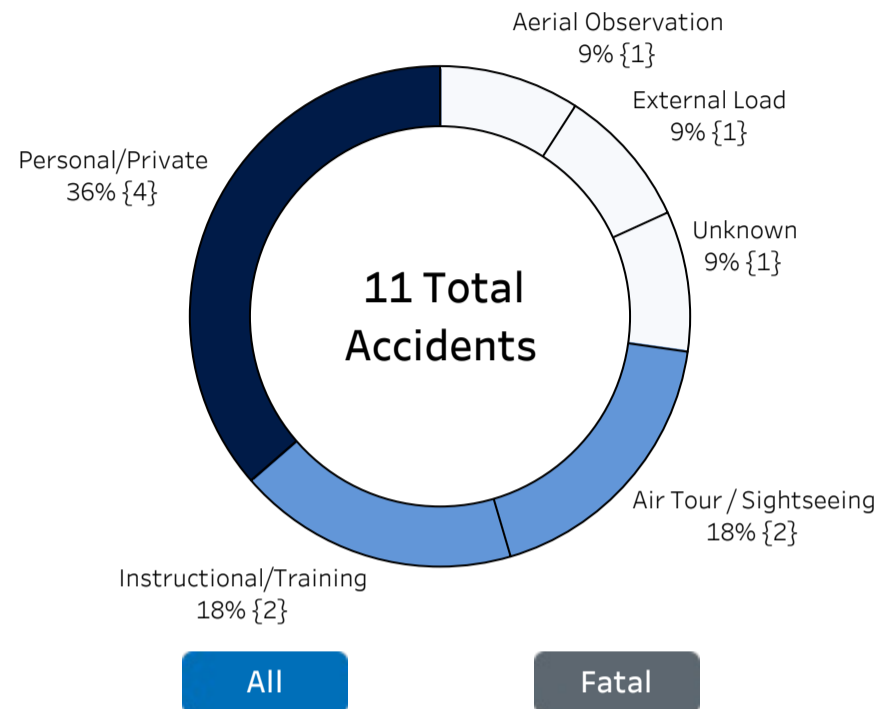
35% {11}

Fatal Accidents

38% {3}

Fatalities

50% {9}



Fatal Accidents Brief Summary

Status	Date	Description
Pending	2/27/2025	- Robinson R44, N144SG, Part 091, Uvalde, TX, 2 fatal - Personal use flight. - Crashed under unknown circumstances.
NTSB: CEN25FA034	11/2/2024	- Robinson R44, N62CD, Part 091, Iowa, LA, 3 fatal - Personal use night flight. Student pilot carrying two passengers. - During the last 5 minutes of the flight, the a/c made several different turns of either 270 or 360 degrees. During the same time, the altitude decreased from 1,300 feet MSL to a final data point of 200 feet MSL recorded before ground impact.
NTSB: CEN25FA010	10/21/2024	- Robinson R44, N881KE, Part 091, Houston, TX, 4 fatal - Night sightseeing flight w/2 passengers

U.S. Registered Rotorcraft Accidents by Make and Model

Only models with an accident are listed

Make	Model	U.S. Fleet Size (Registered and Active)	Percentage of Total U.S. Fleet (Registered and Active)	Number of U.S. Registered Accidents	Percentage of Total U.S. Registered Accidents	Number of U.S. Registered Fatal Accidents	Percentage of Total U.S. Registered Fatal Accidents
Robinson	R22	753	6%	4	13%	0	0%
Robinson	R44	1,680	14%	7	23%	3	38%

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Aircraft Make
Sikorsky

U.S. Registered Rotorcraft Accidents FY25: October - February

Total Accidents

3% {1}



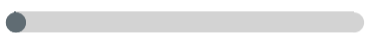
Fatal Accidents

0% {0}



Fatalities

0% {0}



1 Total Accident

All

Fatal

Fatal Accidents Brief Summary

U.S. Registered Rotorcraft Accidents by Make and Model

Only models with an accident are listed

	U.S. Fleet Size (Registered and Active)	Percentage of Total U.S. Fleet (Registered and Active)	Number of U.S. Registered Accidents	Percentage of Total U.S. Registered Accidents	Number of U.S. Registered Fatal Accidents	Percentage of Total U.S. Registered Fatal Accidents
Sikorsky S-61	50	0%	1	3%	0	0%

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Aircraft Make
Multiple values

U.S. Registered Rotorcraft Accidents FY25: October - February

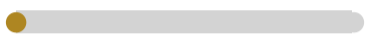
Total Accidents

23% {7}



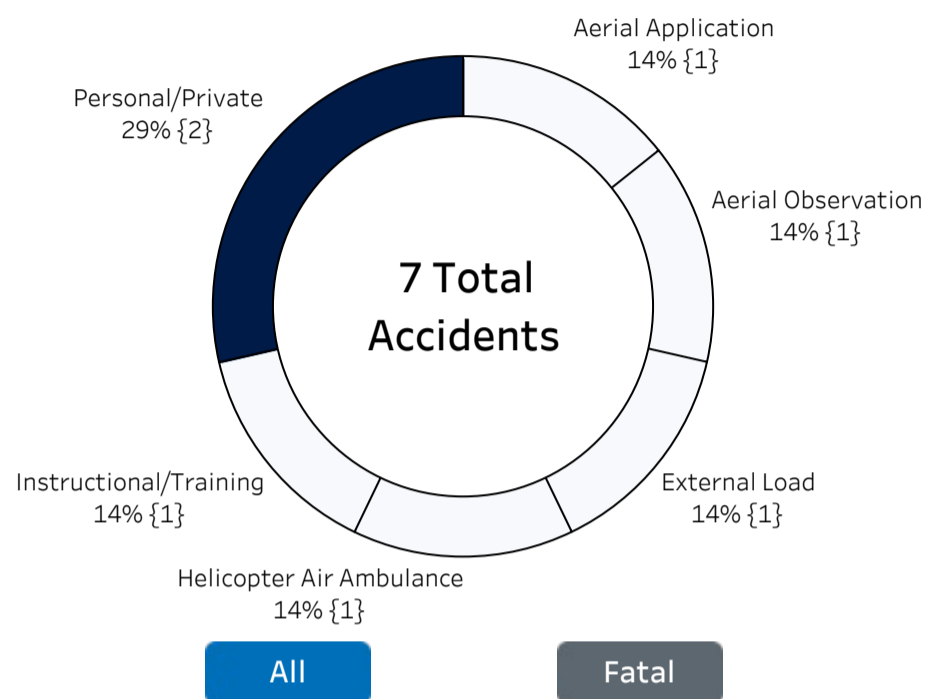
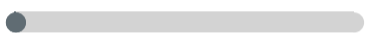
Fatal Accidents

0% {0}



Fatalities

0% {0}



All

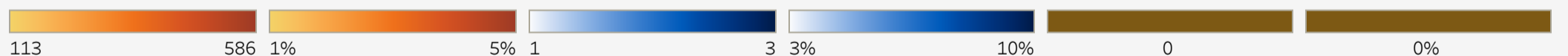
Fatal

Fatal Accidents Brief Summary

U.S. Registered Rotorcraft Accidents by Make and Model

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Enstrom 280	113	1%	1	3%	0	0%	
Leonardo A109	142	1%	1	3%	0	0%	
MD Helicopters,...	369	586	5%	3	10%	0	0%
Schweizer 269	425	4%	2	6%	0	0%	



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