



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
Apr 2024

Click on icon for help



FY24: October-April

50 Total Accidents
▲9% vs. Same Period, Previous FY
▼6% vs. Same Period, 5 Year Average

8 Fatal Accidents
▼11% vs. Same Period, Previous FY
▼31% vs. Same Period, 5 Year Average

17 Fatalities
▼19% vs. Same Period, Previous FY
▼30% vs. Same Period, 5 Year Average

3.11 Accident Rate (per 100K hours)
▲6% vs. Same Period, Previous FY
▼11% vs. Same Period, 5 Year Average

0.50 Fatal Accident Rate (per 100K hours)
▼14% vs. Same Period, Previous FY
▼34% vs. Same Period, 5 Year Average

1.06 Fatality Rate (per 100K hours)
▼21% vs. Same Period, Previous FY
▼33% 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	10	7	5	8	8	5						50
Fatal Accidents	1	1	2	2	1	0	1						8
Fatalities	1	2	3	4	6	0	1						17

Same time period, previous FY:
Accidents: 46; Fatal Accidents: 9; Fatalities: 21.



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

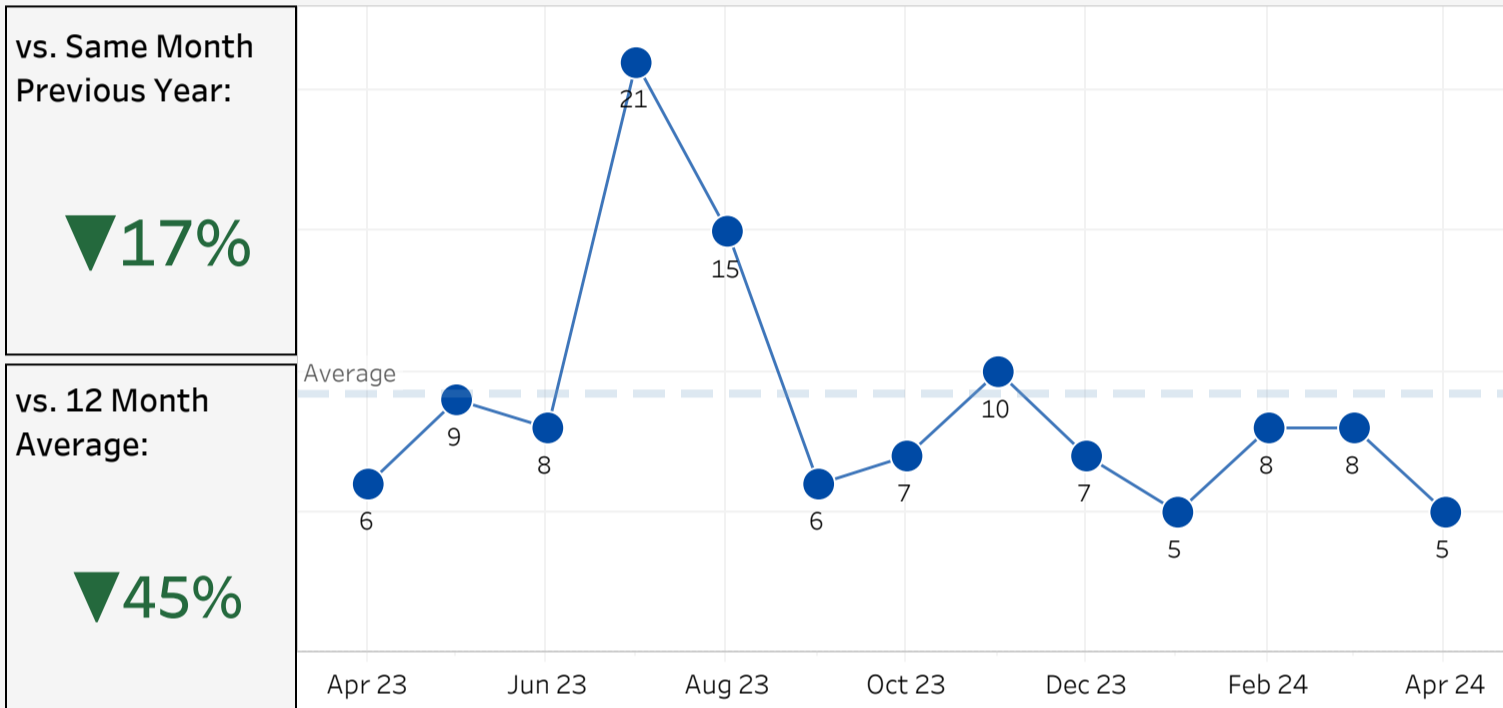
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Grand Total
Accident Rate	2.77	4.62	3.70	2.53	3.54	3.07	1.89						3.11
Fatal Accident Rate	0.40	0.46	1.06	1.01	0.44	0.00	0.38						0.50
Fatality Rate	0.40	0.92	1.59	2.02	2.66	0.00	0.38						1.06

Same time period, previous FY:
Accident Rate: 2.95; Fatal Accident Rate: 0.58; Fatality Rate: 1.35.

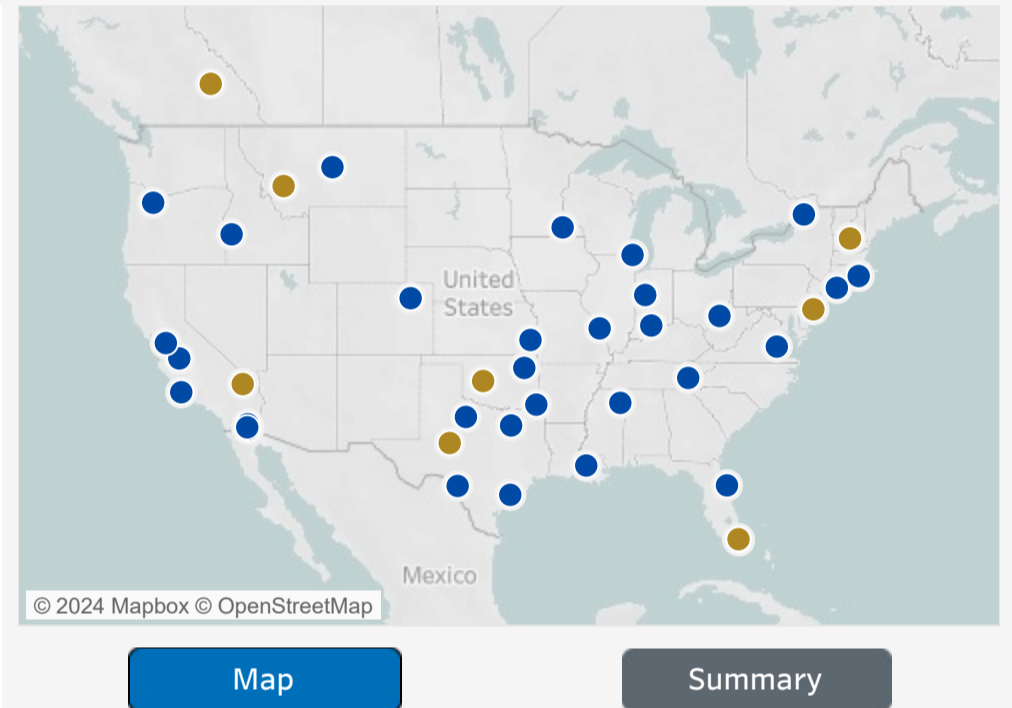


*5 Year Average Rates are for reference, 5 year rates are not normally distributed.

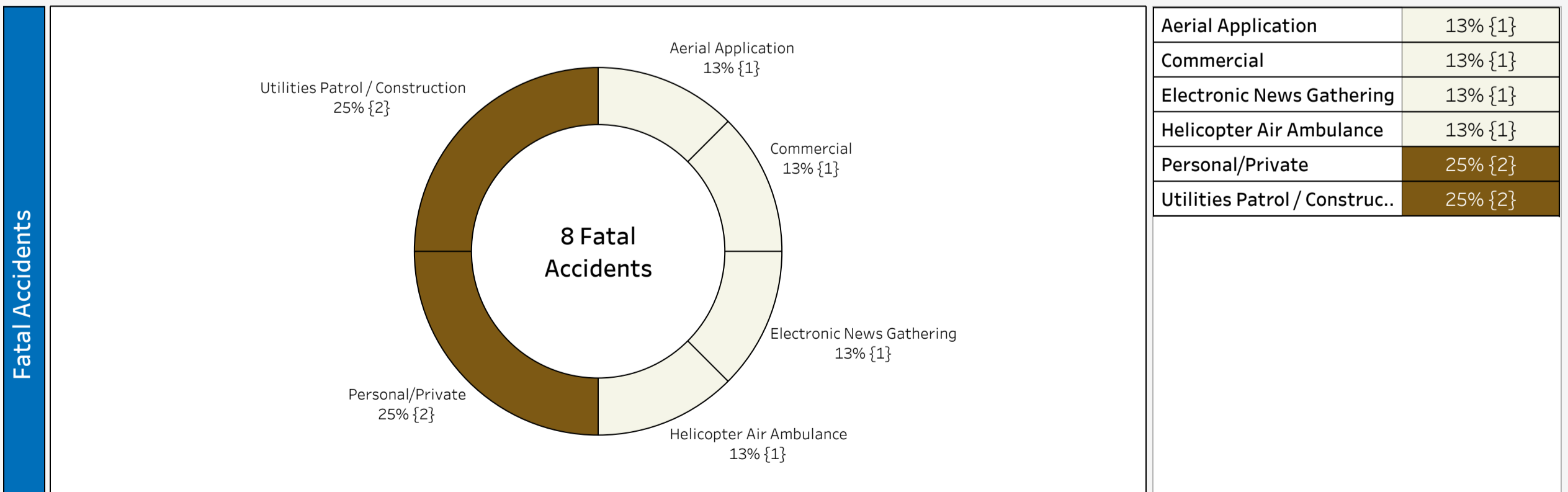
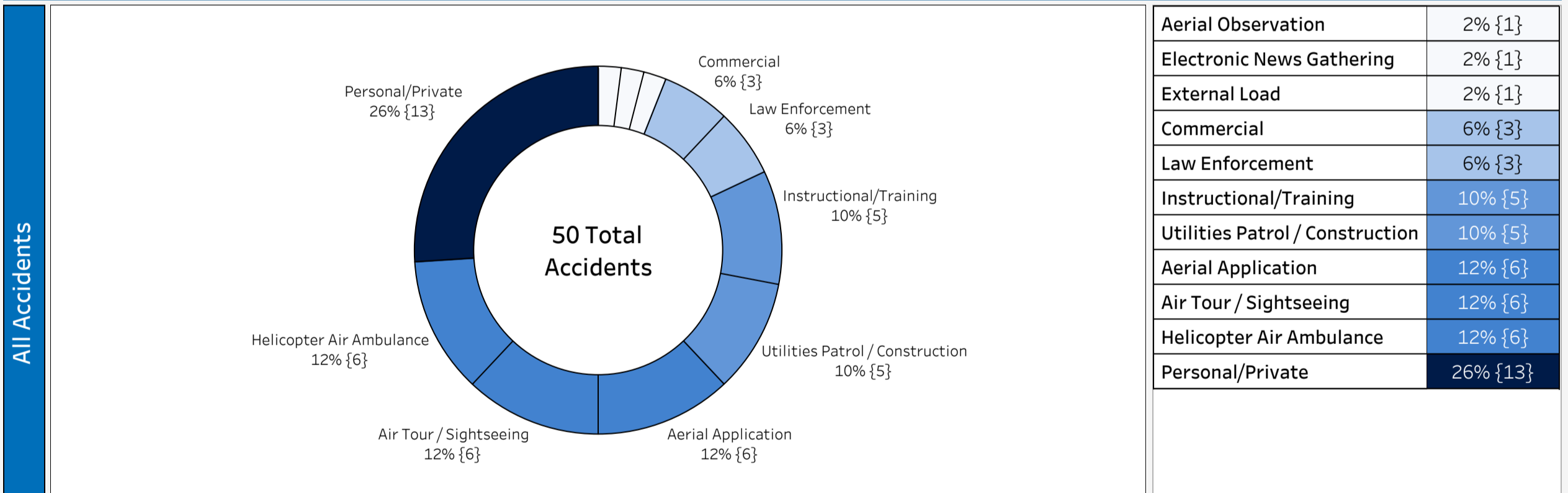
U.S. Registered Rotorcraft 13 Month Accident Count



Accident Details



Accidents by Industry Sector



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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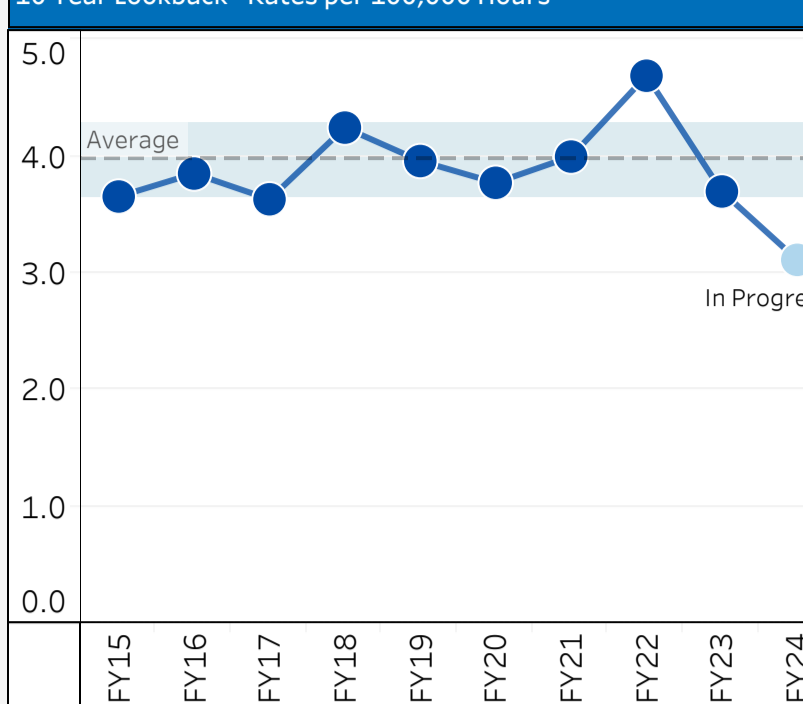
Report Month
Apr 2024

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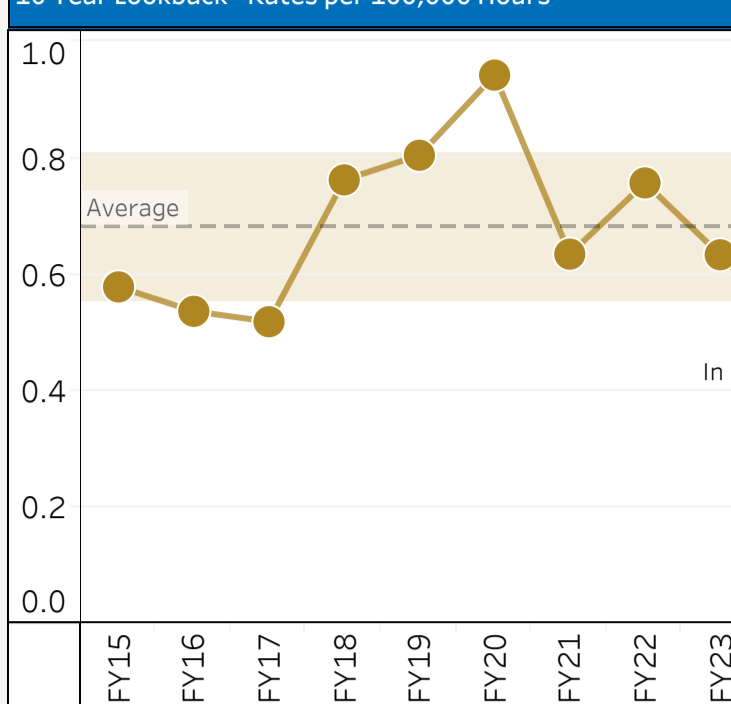
Estimated Rotorcraft Accident Rate by FY

10 Year Lookback - Rates per 100,000 Hours



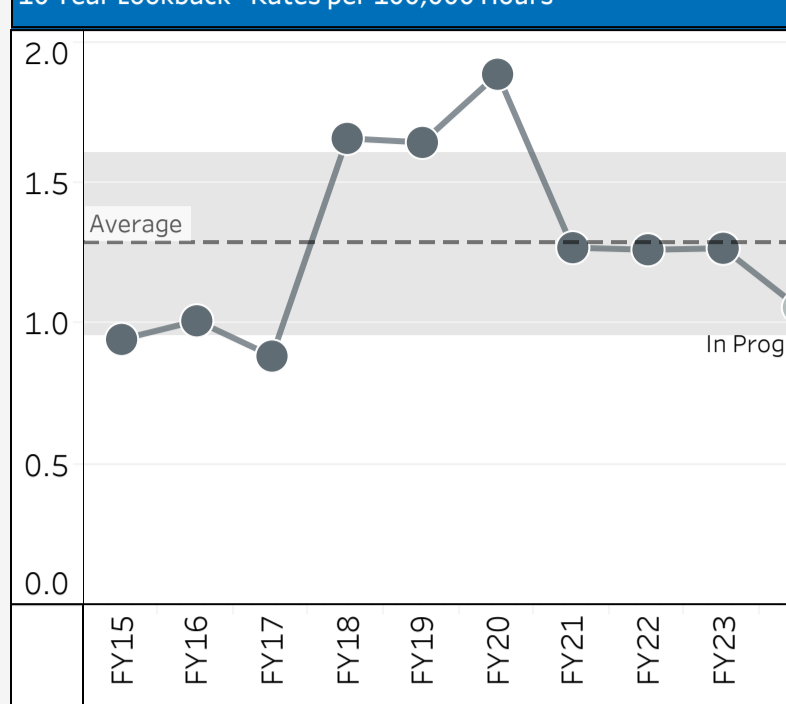
Estimated Rotorcraft Fatal Rate by FY

10 Year Lookback - Rates per 100,000 Hours



Estimated Rotorcraft Fatality Rate by FY

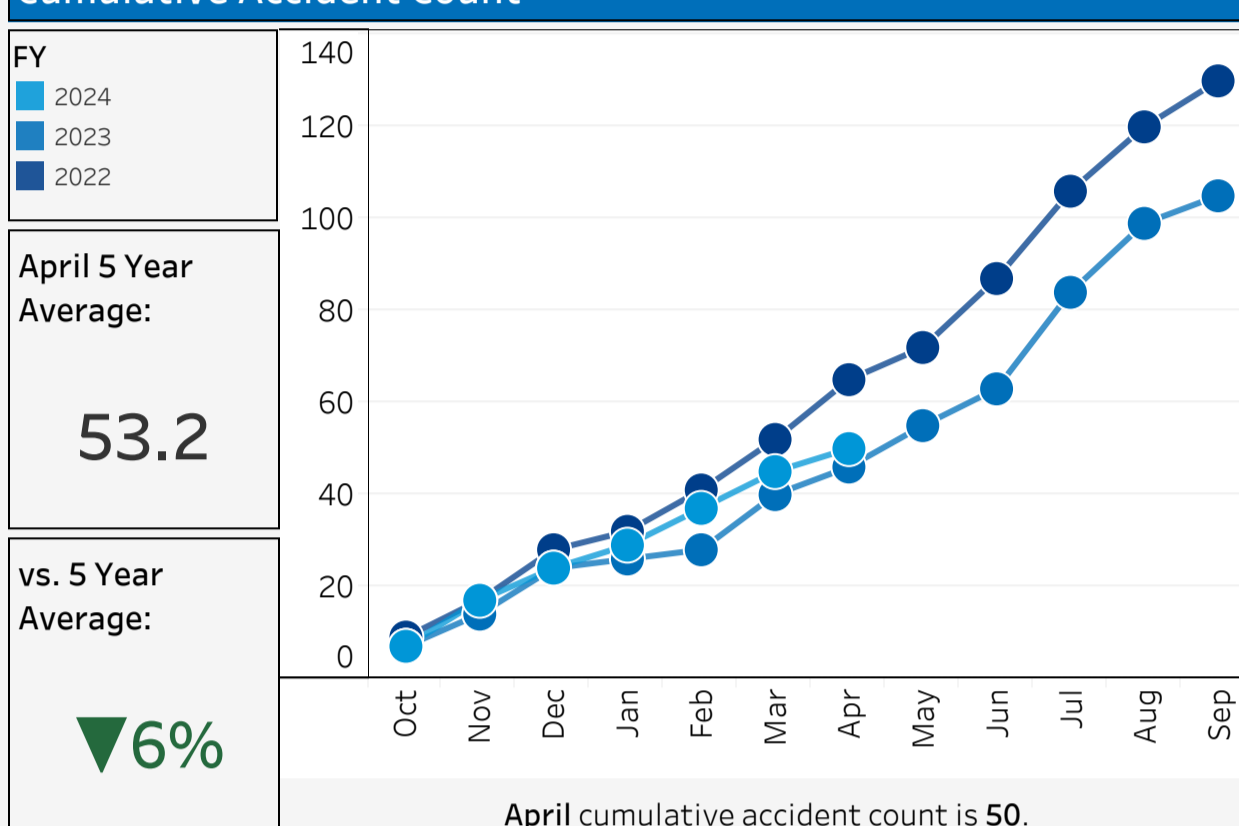
10 Year Lookback - Rates per 100,000 Hours



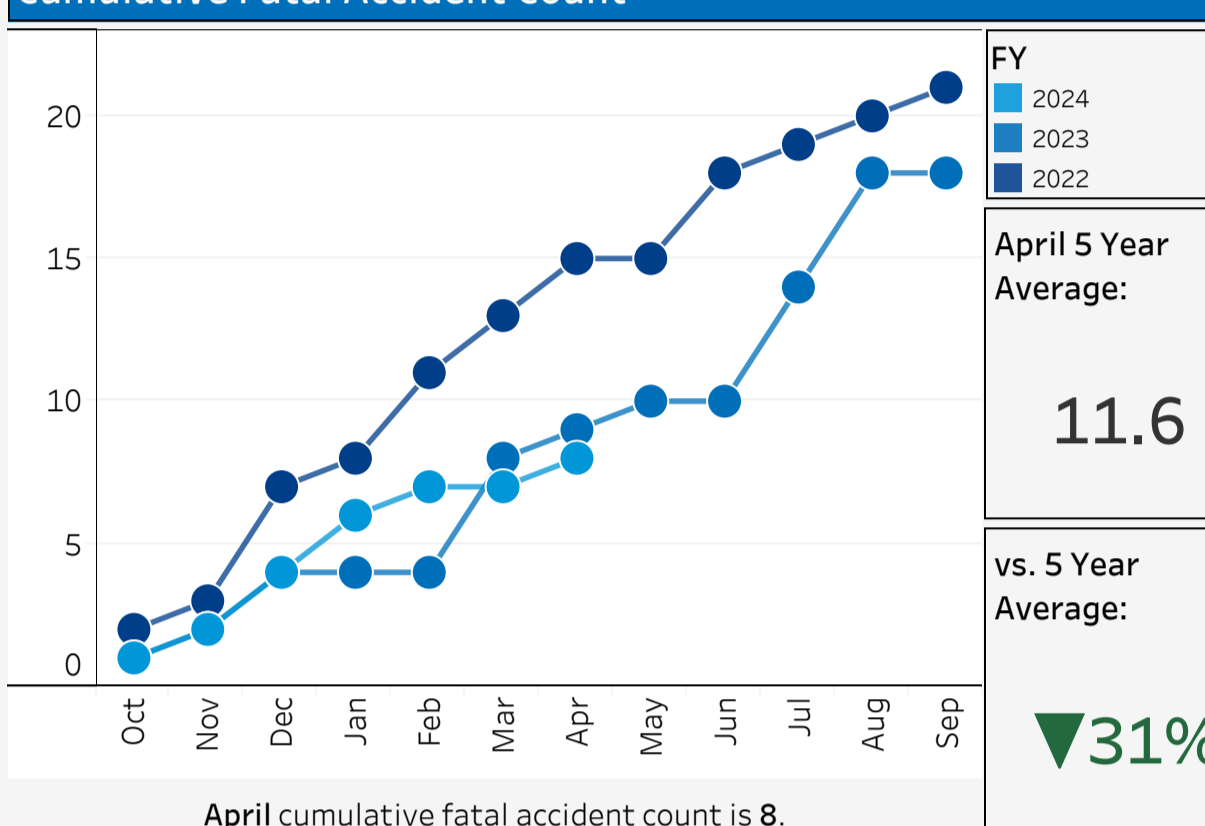
	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Accident Rate	3.66	3.85	3.63	4.25	3.96	3.77	4.00	4.69	3.70	3.11
Fatal Accident Rate	0.58	0.54	0.52	0.76	0.81	0.94	0.64	0.76	0.63	0.50
Fatality Rate	0.94	1.01	0.89	1.66	1.64	1.89	1.27	1.26	1.27	1.06

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

Cumulative Accident Count



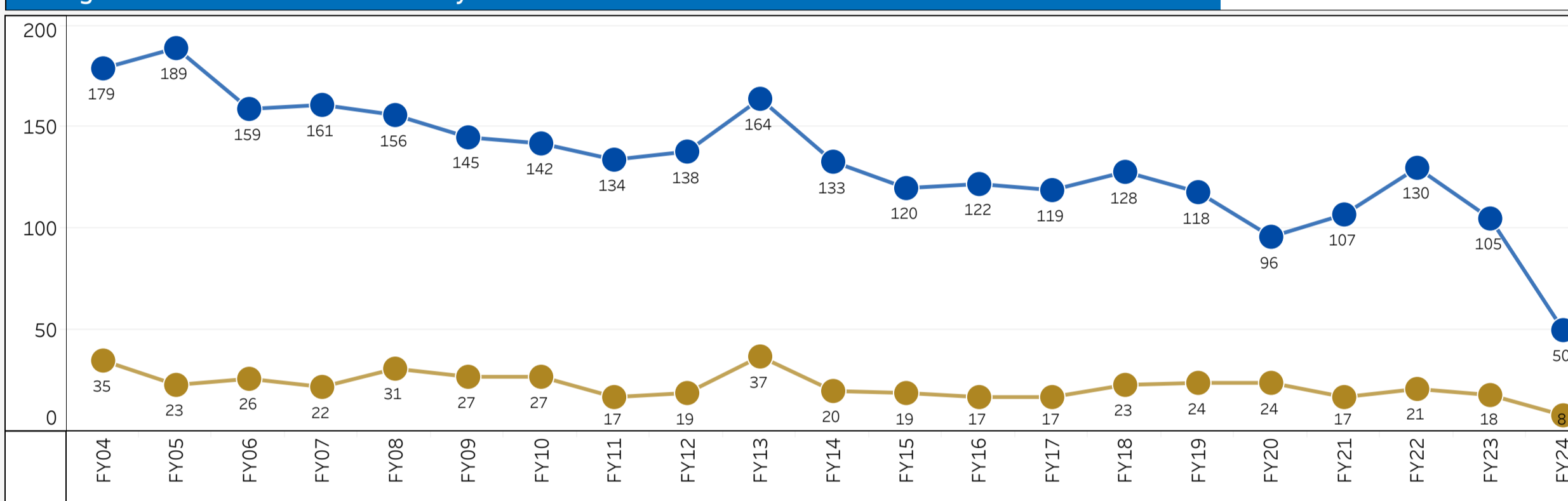
Cumulative Fatal Accident Count



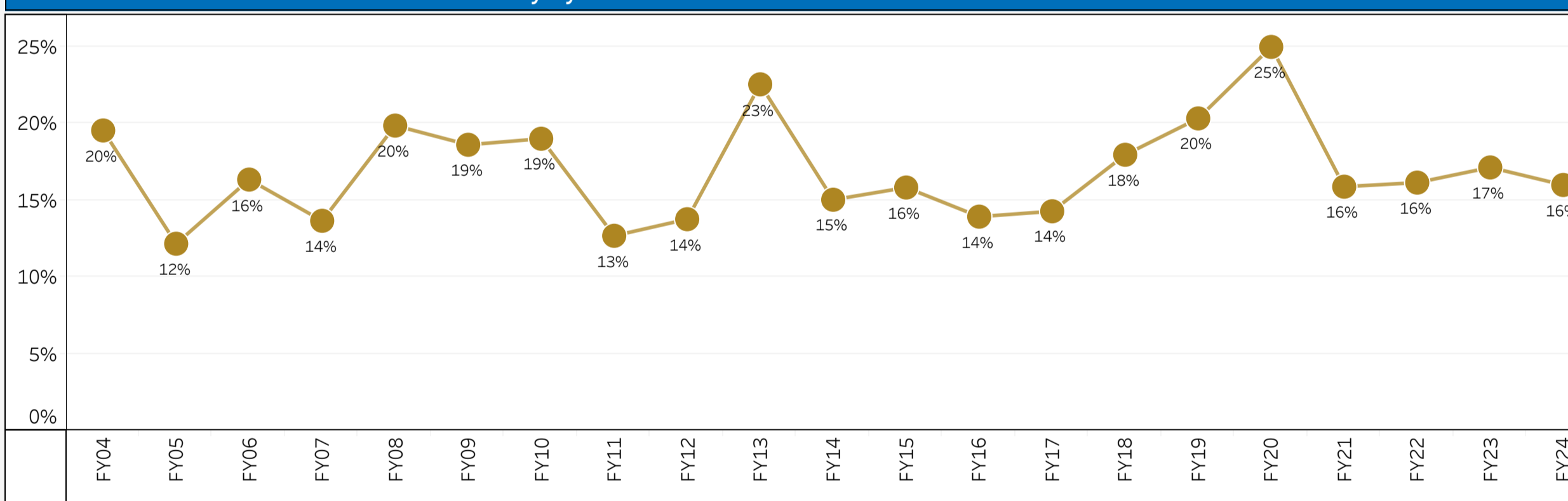
Select a FY Range to view for charts below

Past N Fiscal Years
20

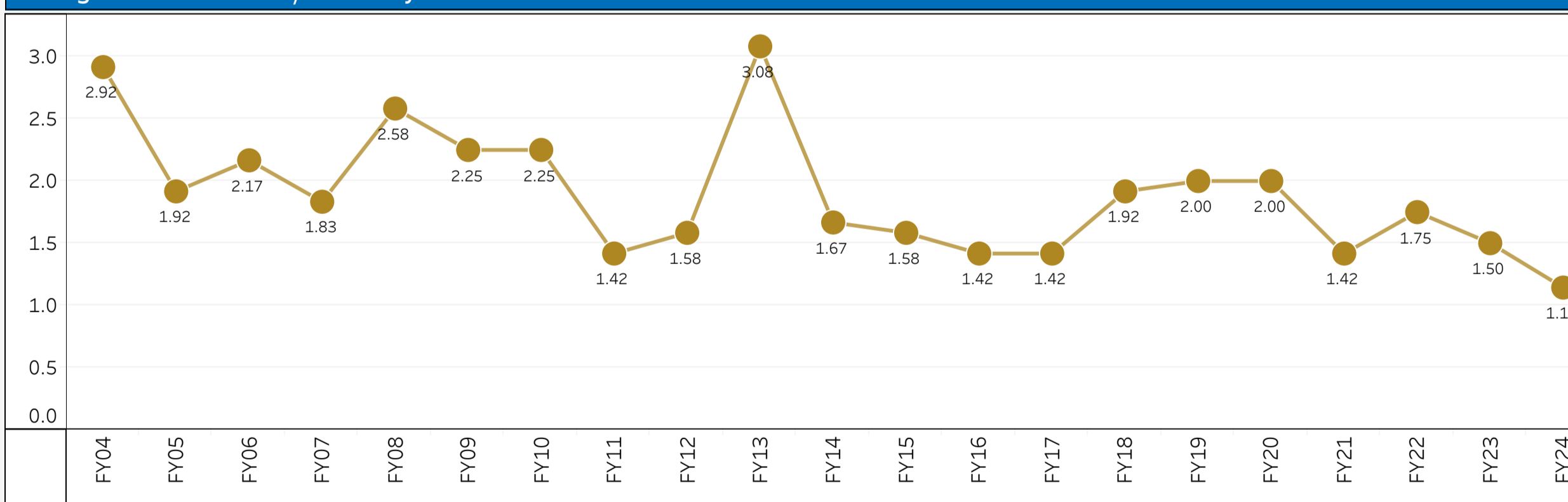
US Registered Rotorcraft Accidents by FY



Percent of Rotorcraft Accidents with Fatality by FY



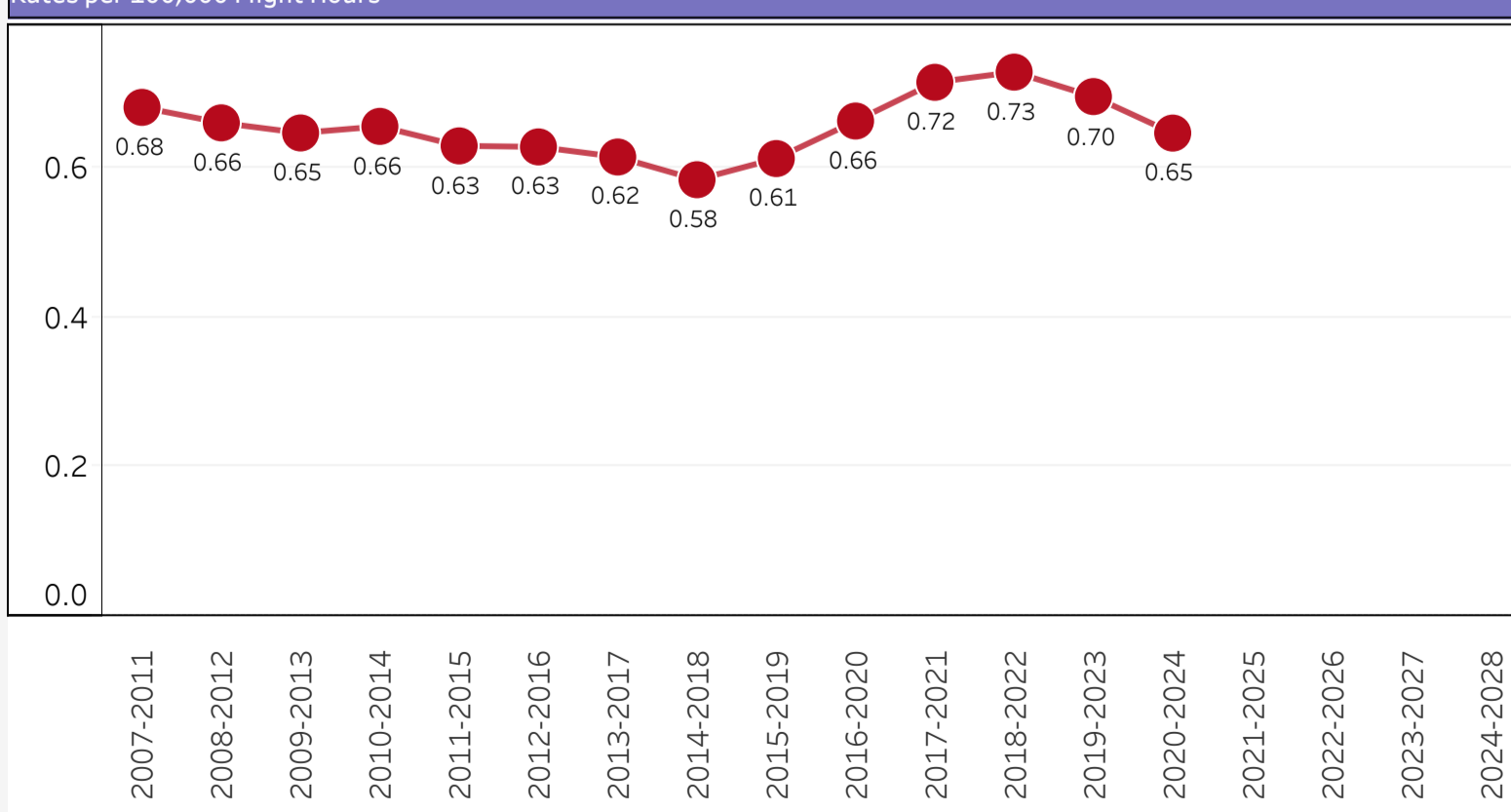
Average Fatal Accidents/Month by FY



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

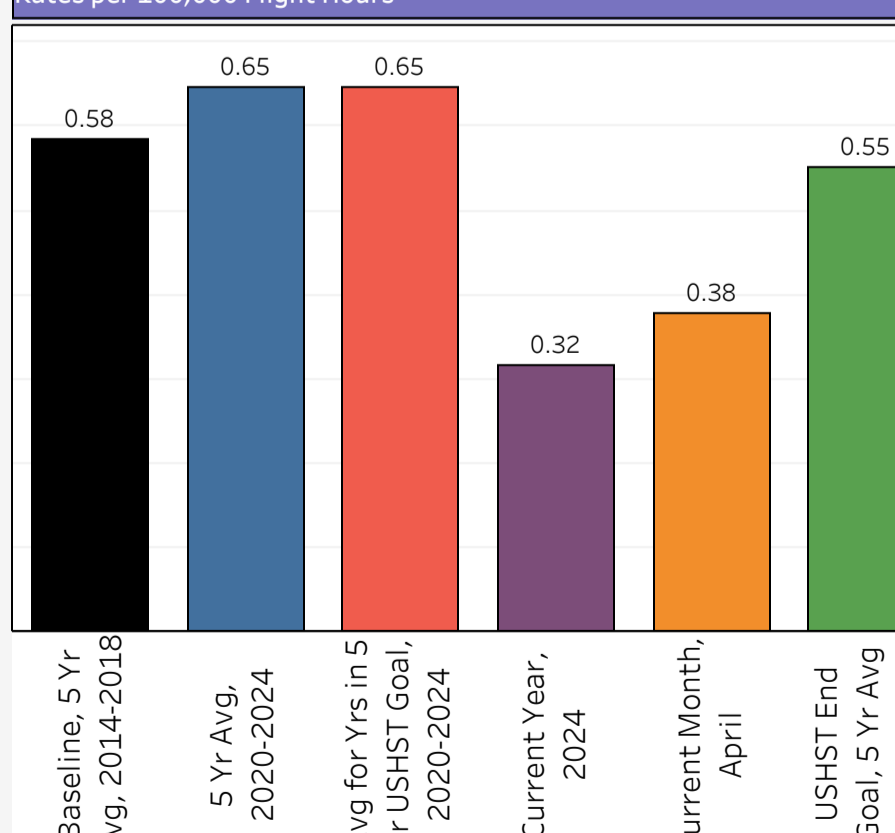
Fatal Rate: 5 Year Average

Rates per 100,000 Flight Hours



Key Fatal Rate Markers

Rates per 100,000 Flight Hours



USHST Current Goal: Reduce 5 Year Average Fatal Accident Rate to .55 per 100K Flight Hours.

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 FY24: October - April

Total Accidents

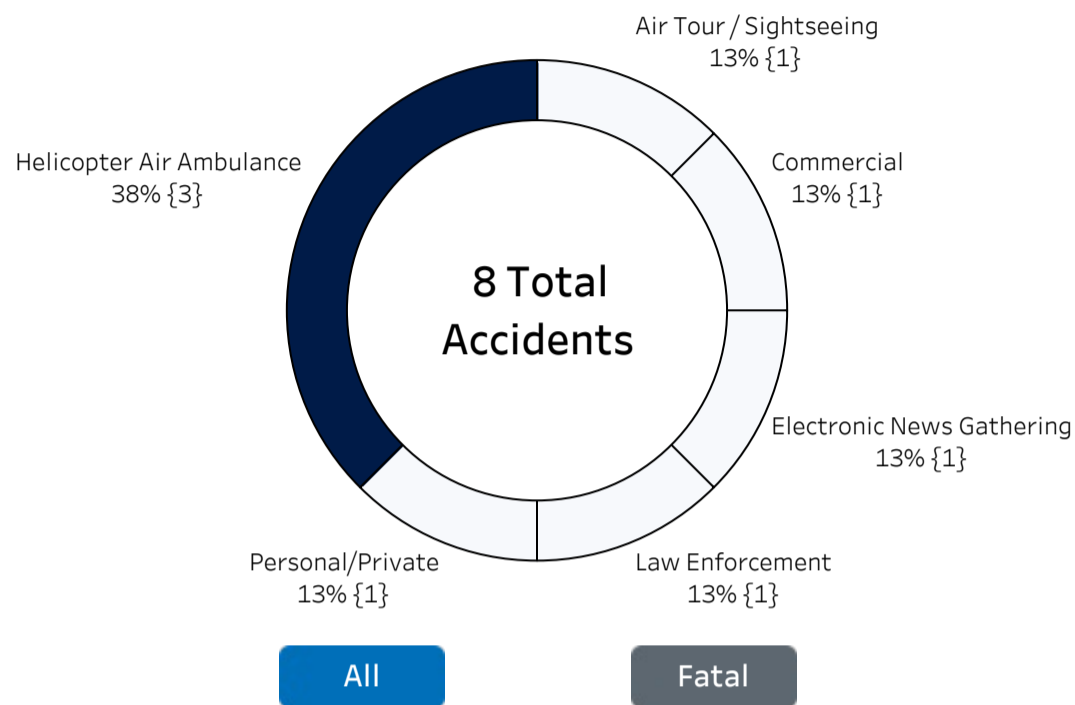
16% {8}

Fatal Accidents

25% {2}

Fatalities

47% {8}



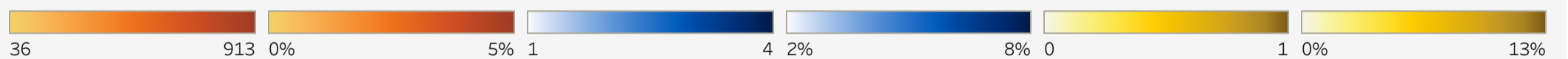
Fatal Accidents Brief Summary

NTSB: CEN24MA111	2/10/2024	- Airbus Helicopters EC130, N130CZ, Part 135, Halloran Springs, CA, 6 fatal - Commercial use, night passenger flight. Planned route of flight from Palm Springs, CA to Boulder City, NV. - ADS-B data showed gradually descending altitude and increased ground speed. Weather described by witnesses as raining with snow mix at the time of the accident.
NTSB: ERA24FA069	12/20/2023	- Airbus Helicopters AS350, N606HD, Part 091, Hammonton, NJ, 2 fatal - Electronic news gathering night flight. Had orbited a scene for 10 minutes to collect video footage and was cleared to return to base at Northeast Philadelphia Airport. - ADS-B data shows that over the span of 2.5 minutes the a/c descended from 775 feet MSL to 250 feet MSL with groundspeed accelerati..

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	AS350	913	5%	4	8%	1	13%
	BK117	245	1%	1	2%	0	0%
	EC130	276	2%	1	2%	1	13%
	EC135	355	2%	1	2%	0	0%
	SA341G	36	0%	1	2%	0	0%



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*Fleet size counts may vary from what was previously reported based on analysis of the FAA registry.

*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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Aircraft Make
Bell

U.S. Registered Rotorcraft Accidents FY24: October - April

Total Accidents

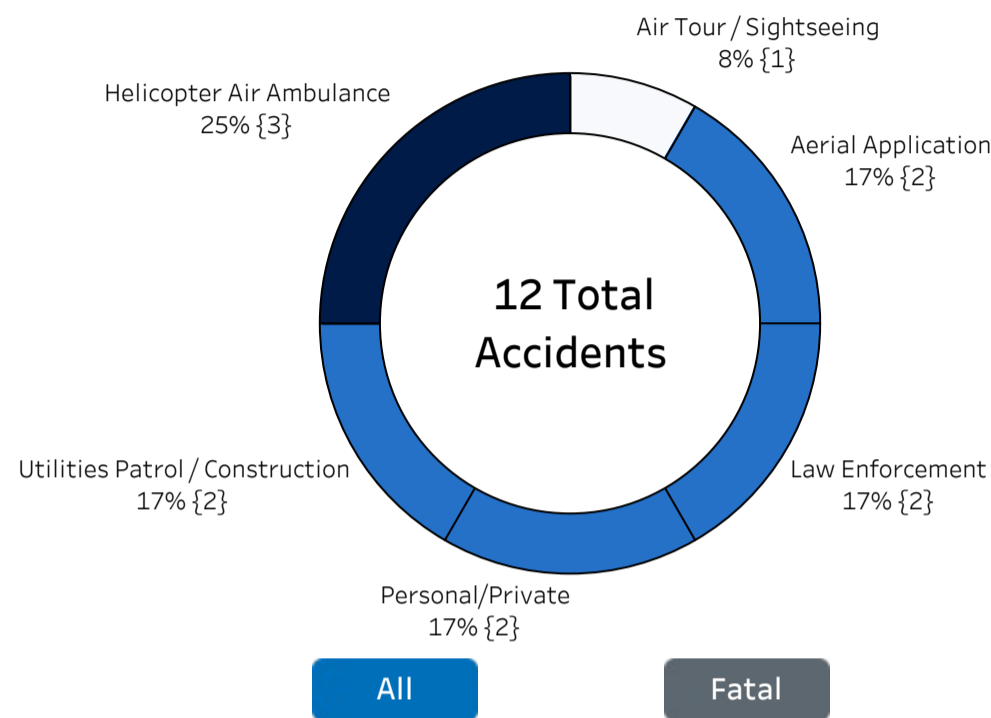
24% {12}

Fatal Accidents

50% {4}

Fatalities

35% {6}



Fatal Accidents Brief Summary

Pending	4/26/2024	- Bell 206Ls, N988B, Part 137, Anaconda, MT, 1 fatal - Aerial application flight to accomplish reseeding, using an external load. - Crashed under unknown circumstances in a gully.
NTSB: CEN24FA094	1/21/2024	- Bell 206Ls, N295AE, Part 135, Hydro, OK, 3 fatal - Night Helicopter Air Ambulance flight. Returning to base at 500-600 feet AGL after patient drop off. - Crashed in an open pasture. Carcasses of several geese in the accident debris field and one carcass embedded in the flight control servo.
Pending	1/5/2024	- Bell 206Bs, N617TT, Revelstoke, BC, 1 fatal

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Bell	206Bs	829	5%	3	6%	1	13%
	206Ls	521	3%	6	12%	2	25%
	407	847	5%	3	6%	1	13%

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Aircraft Make
Robinson

U.S. Registered Rotorcraft Accidents FY24: October - April

Total Accidents

30% {15}



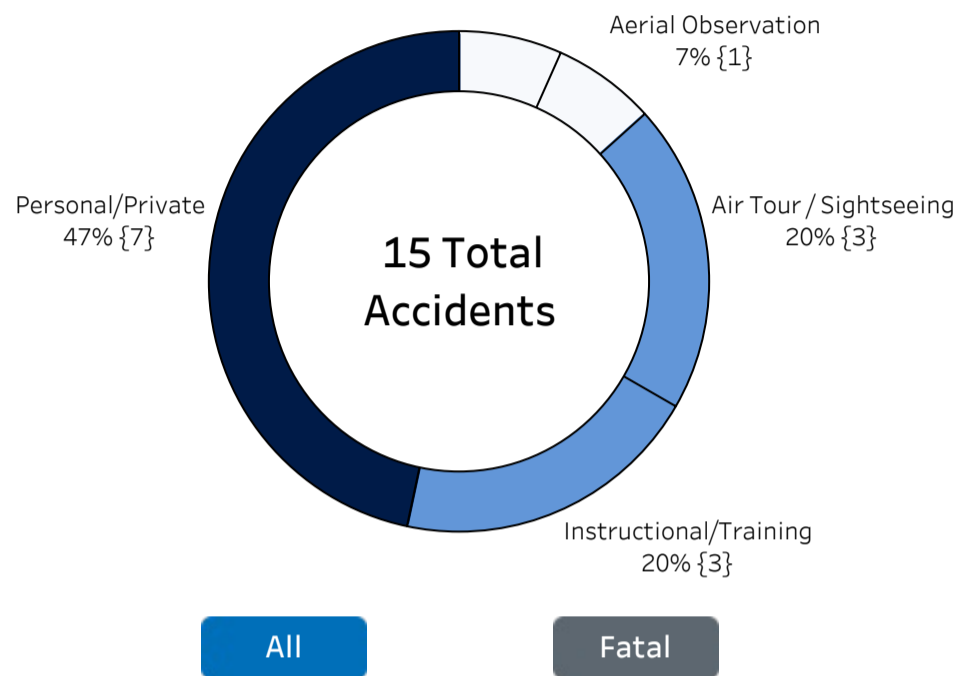
Fatal Accidents

0% {0}



Fatalities

0% {0}



All

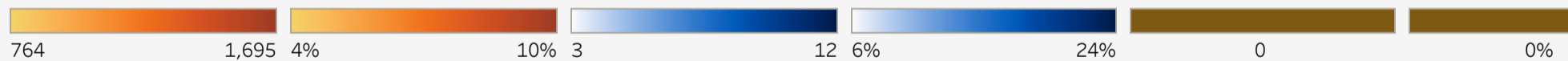
Fatal

Fatal Accidents Brief Summary

U.S. Registered Rotorcraft Accidents by Make and Model

Only models with an accident are listed

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Robinson	R22	764	4%	3	6%	0	0%
	R44	1,695	10%	12	24%	0	0%



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Aircraft Make
Multiple values

U.S. Registered Rotorcraft Accidents FY24: October - April

Total Accidents

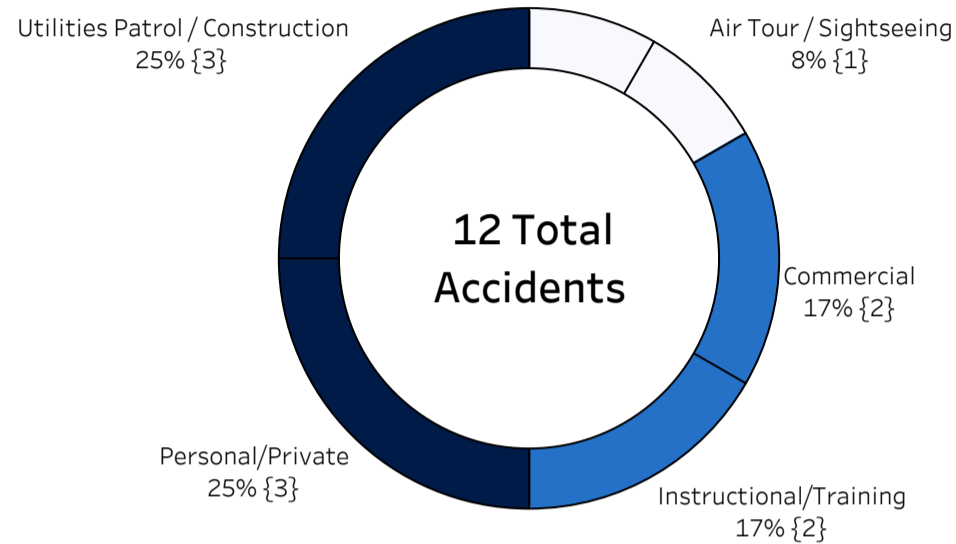
24% {12}

Fatal Accidents

25% {2}

Fatalities

18% {3}



All

Fatal

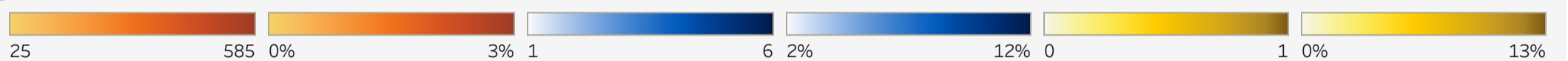
Fatal Accidents Brief Summary

NTSB: ERA24FA075	12/27/2023	- MD Helicopters, Inc. 369, N757TB, Part 091, Miami, 07, 1 fatal - Crashed under unknown circumstances in a canal 3 miles west of Miami Executive Airport.
NTSB: CEN24FA049	11/29/2023	- MD Helicopters, Inc. 600N, N745MB, Part 133, Sterling City, TX, 2 fatal - Utility Power Line Work - ADS-B data showed the a/c maneuvering near the intended power pole prior to the crash. Impact marks on a static arm at the top of the power pole.

U.S. Registered Rotorcraft Accidents by Make and Model

Only models with an accident are listed

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Enstrom 280	111	1%	2	4%	0	0%
Helicopteres Gu.. CABRI G2	49	0%	2	4%	0	0%
MD Helicopters, Inc. 369	585	3%	6	12%	1	13%
600N	25	0%	1	2%	1	13%
Scotts-Bell 47 47	532	3%	1	2%	0	0%



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Aircraft Make
Restricted Category

U.S. Registered Rotorcraft Accidents FY24: October - April

Total Accidents

6% {3}



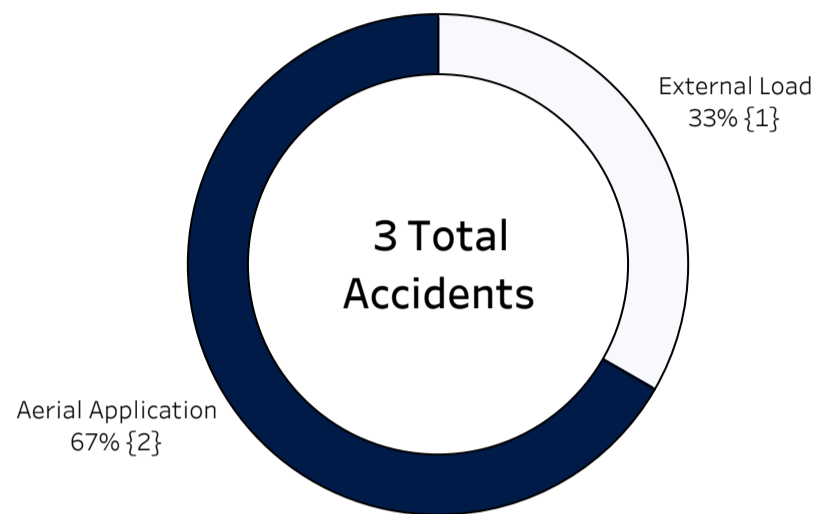
Fatal Accidents

0% {0}



Fatalities

0% {0}



All

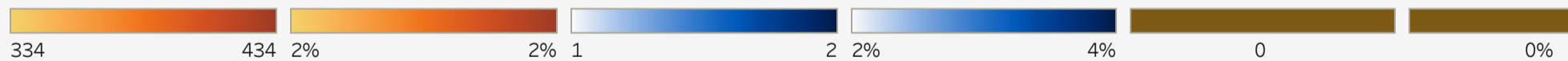
Fatal

Fatal Accidents Brief Summary

U.S. Registered Rotorcraft Accidents by Make and Model

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Restricted Category	OH-58	334	2%	2	4%	0	0%
	UH-1	434	2%	1	2%	0	0%



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