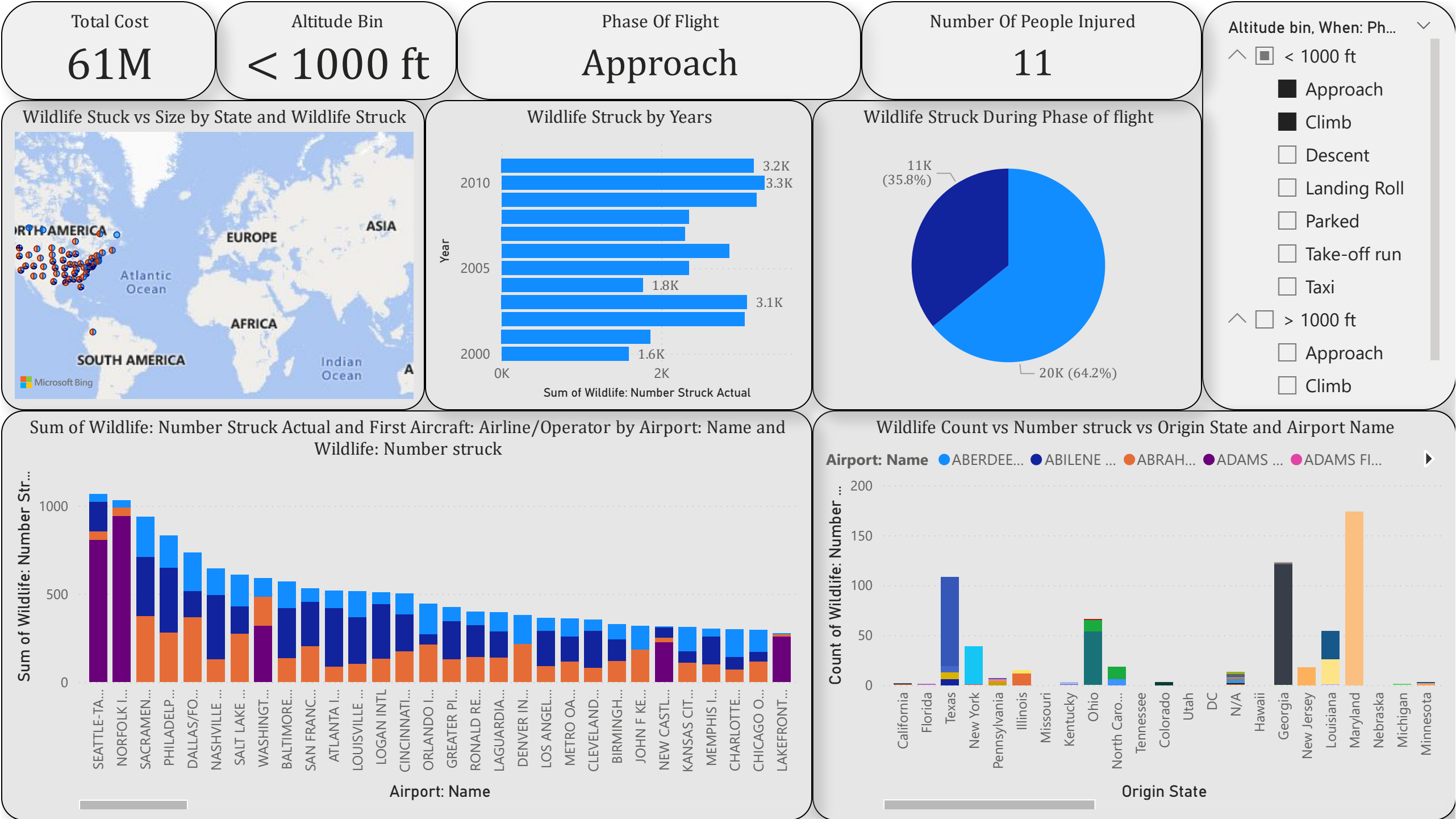


Project Title	Data Visualization of Bird Strikes between 2000 – 2011
Technologies	Data Science
Domain	Transportation and Communication
Project Difficulties level	Advanced

Designed By Ritik Malviya



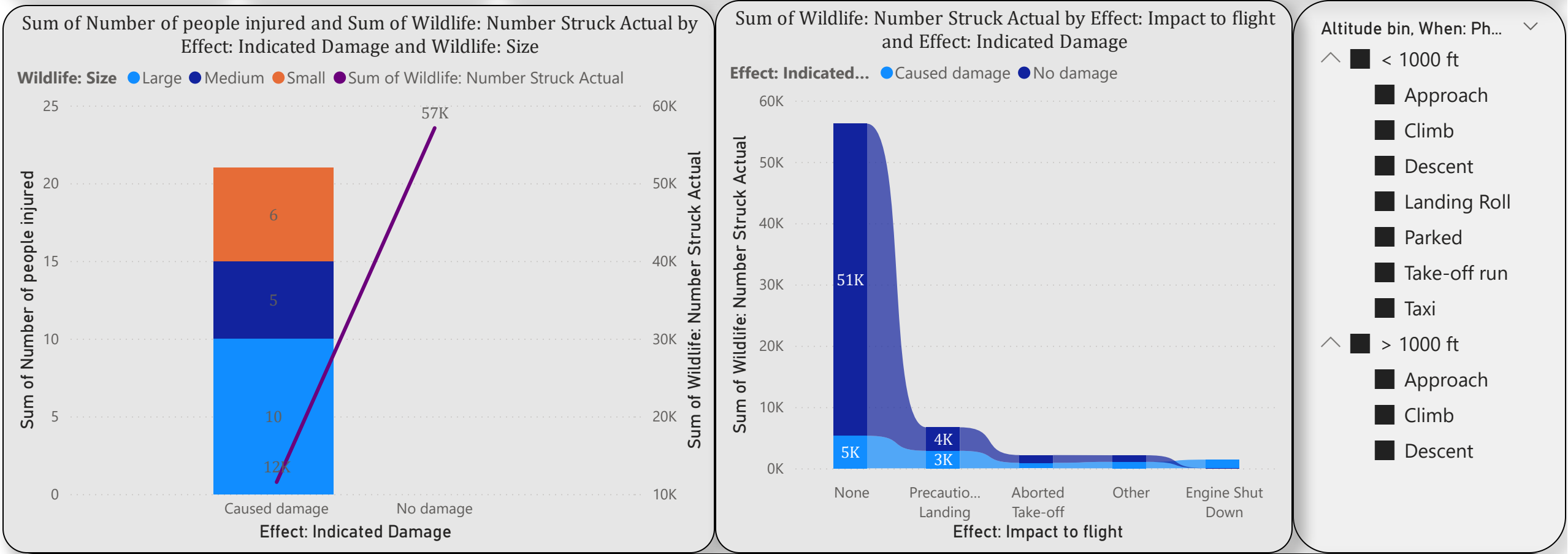
Total Cost
142M

Altitude Bin
< 1000 ft

Phase Of Flight
Approach

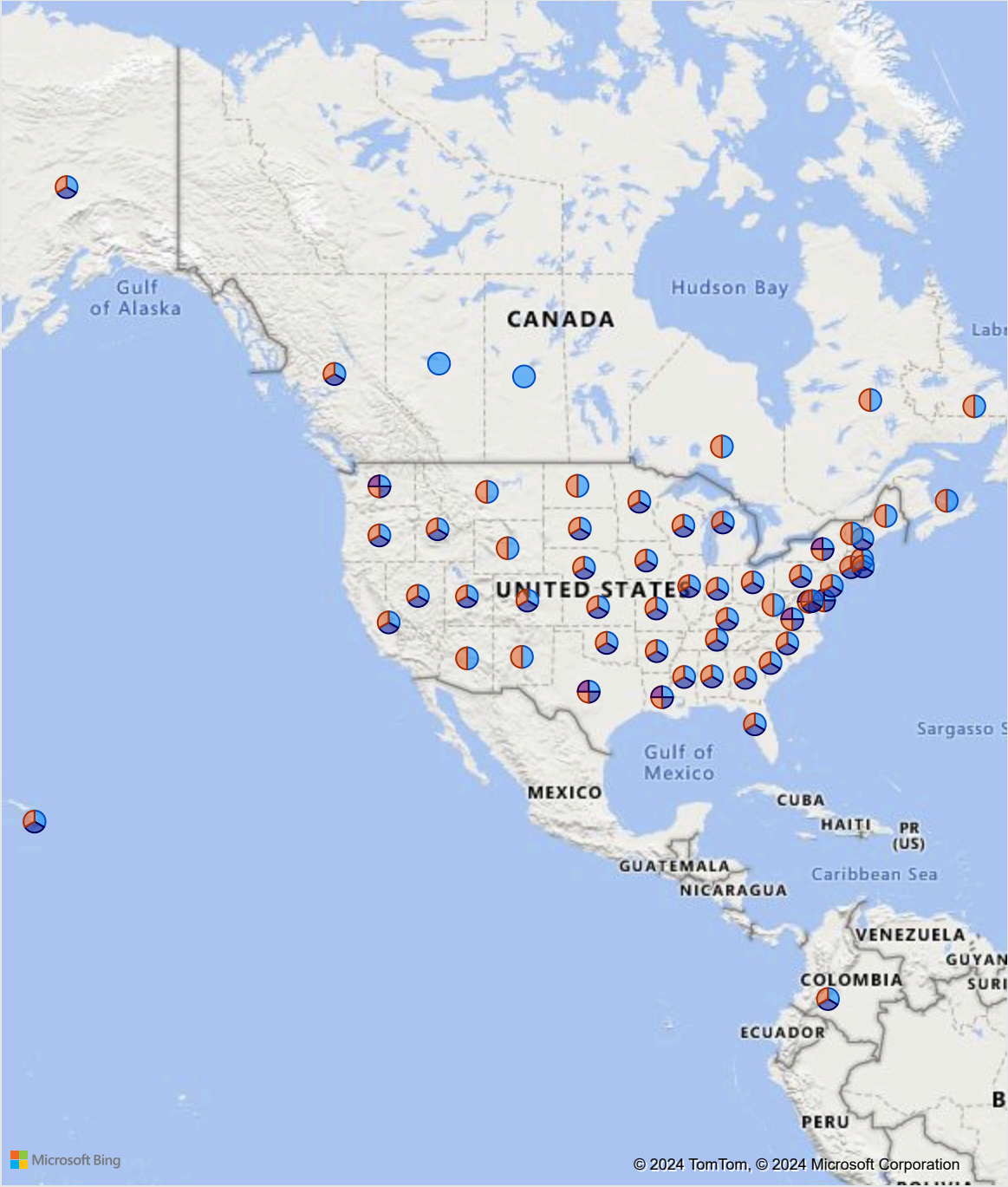
Number Of People Injured
21

Is Pilot Warned about Birds?
N

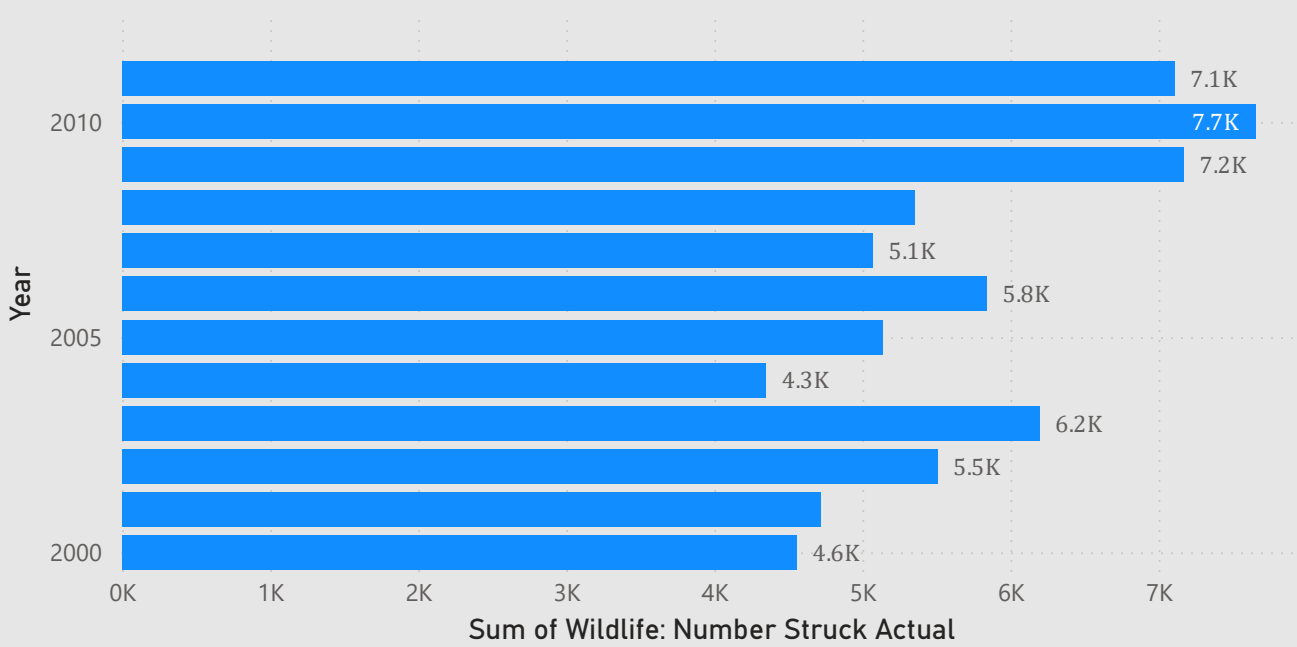


Pilot warned of birds or wildlife?		N		Y		Total
Conditions: Sky		Sum of Wildlife: Number Struck Actual	Sum of Feet above ground	Sum of Wildlife: Number Struck Actual	Sum of Feet above ground	Sum of Wildlife: Number Struck Actual
No Cloud		19681	10124339	12860	2632529	32541
Some Cloud		10113	4092299	12314	1681349	22427
Overcast		6994	1173995	6686	609983	13680
Total		36788	15390633	31860	4923861	68649

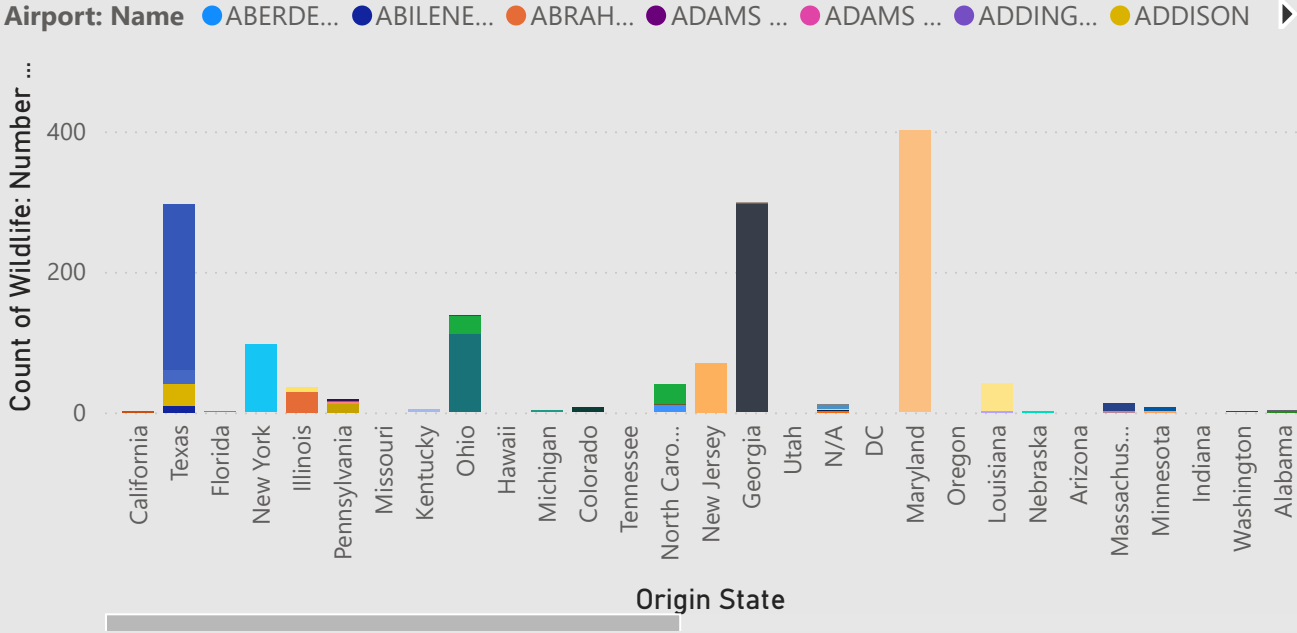
Wildlife Stuck vs Size by State and Wildlife Struck



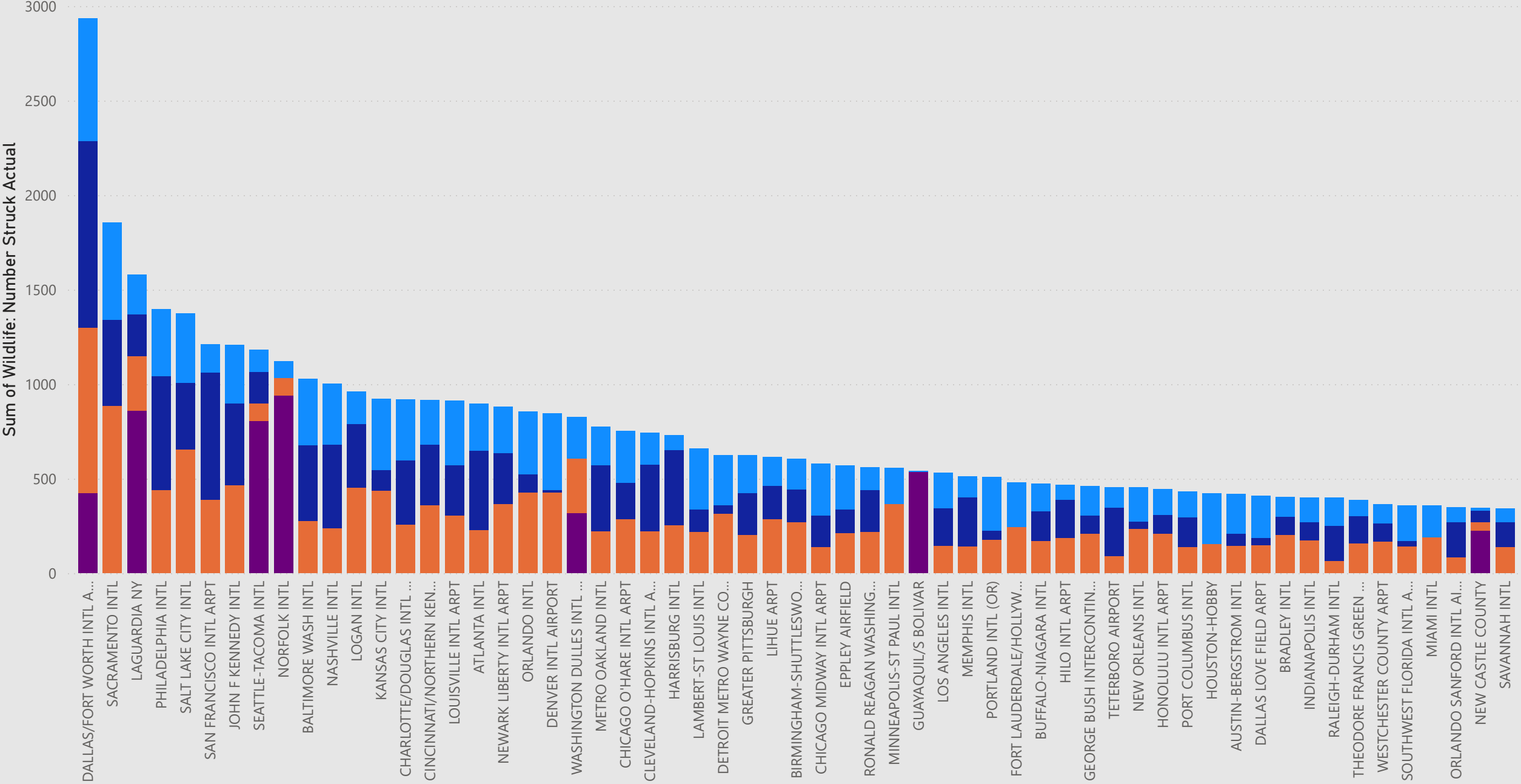
Wildlife Struck by Years



Wildlife Count vs Number struck vs Origin State and Airport Name



Sum of Wildlife: Number Struck Actual and First Aircraft: Airline/Operator by Airport: Name and Wildlife: Number struck



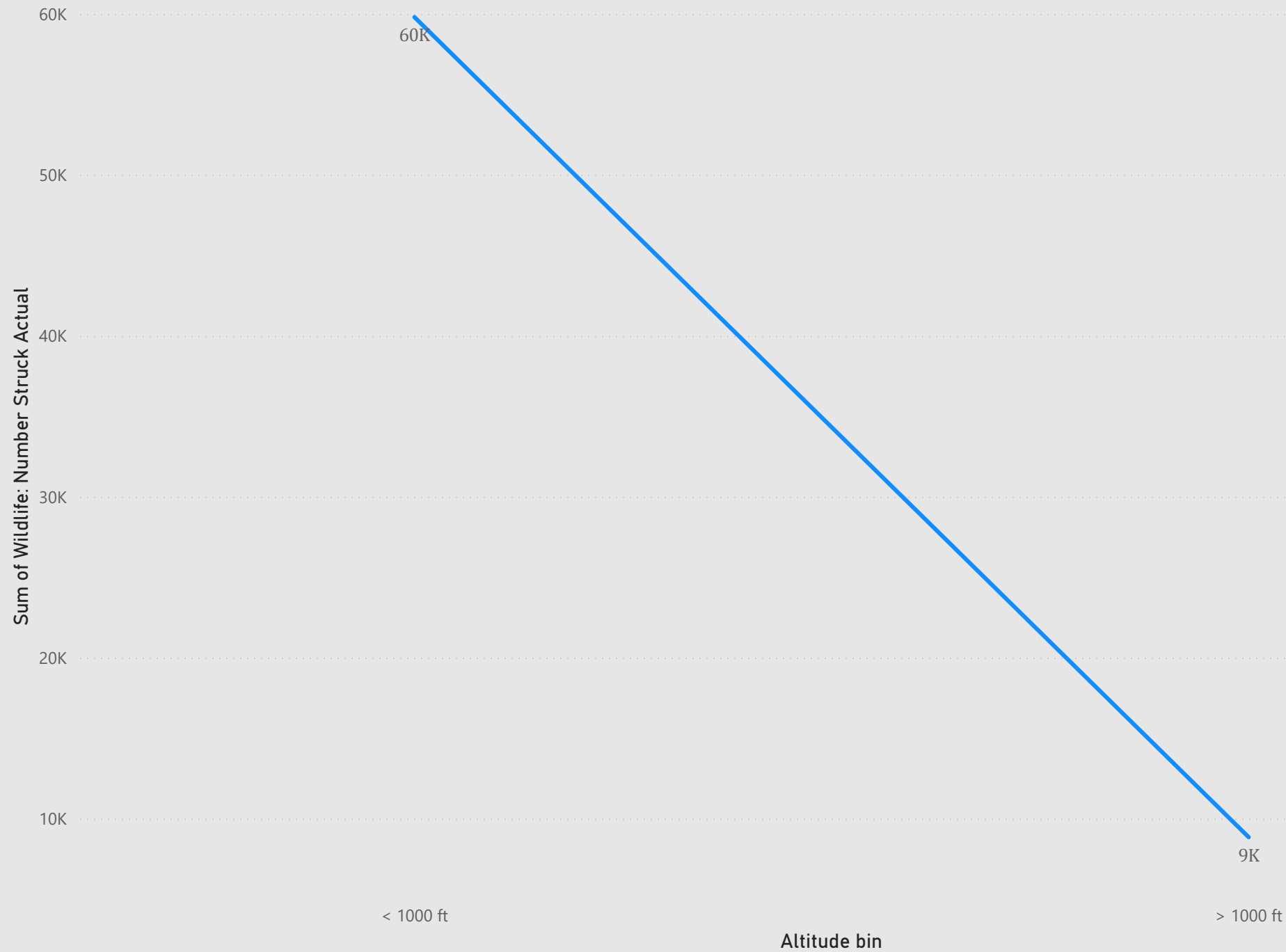
Airport: Name

Total Cost
142M

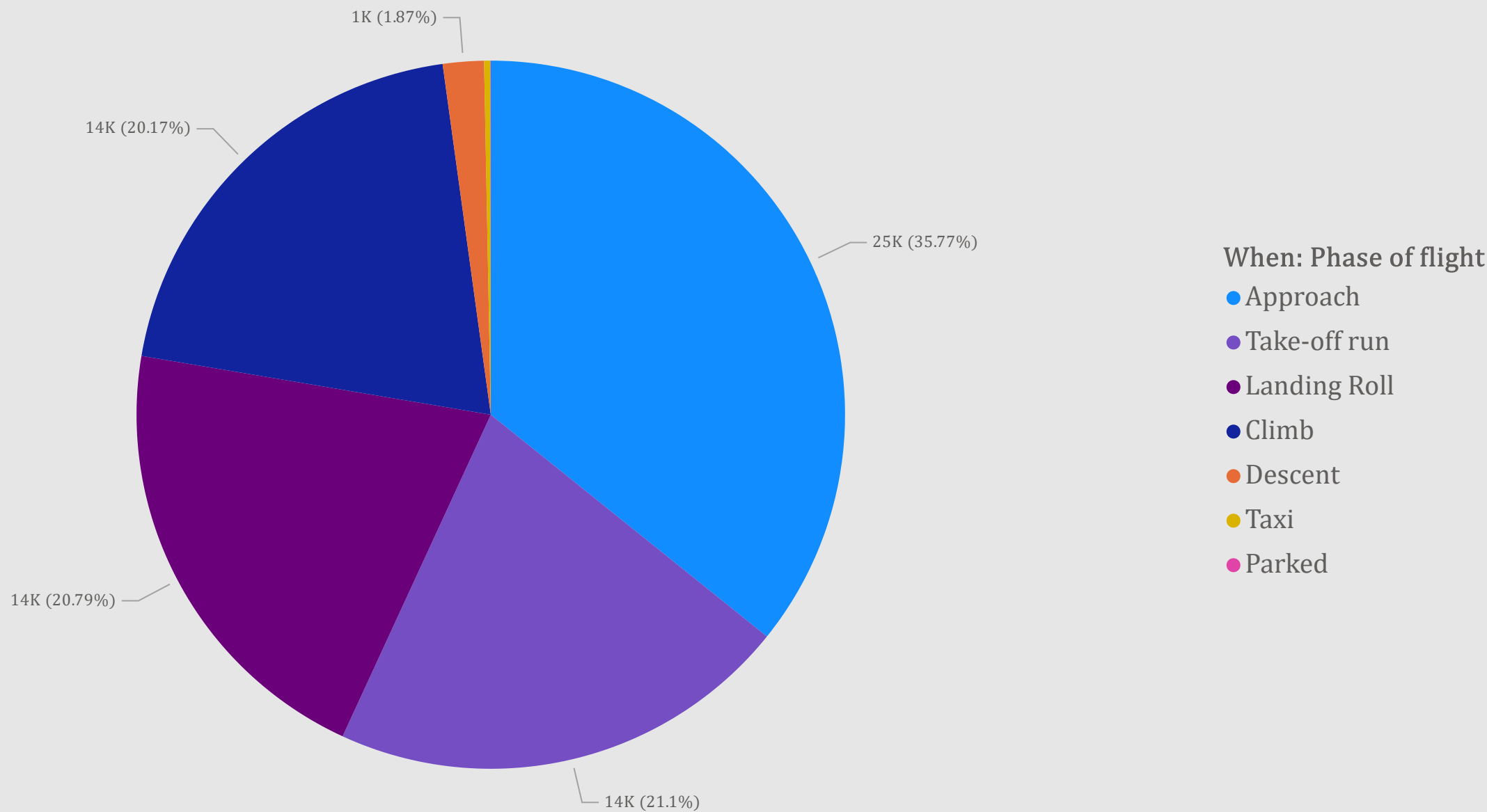
Sum of Wildlife: Number Struck Actual by Wildlife: Number struck



Sum of Wildlife: Number Struck Actual by Altitude bin

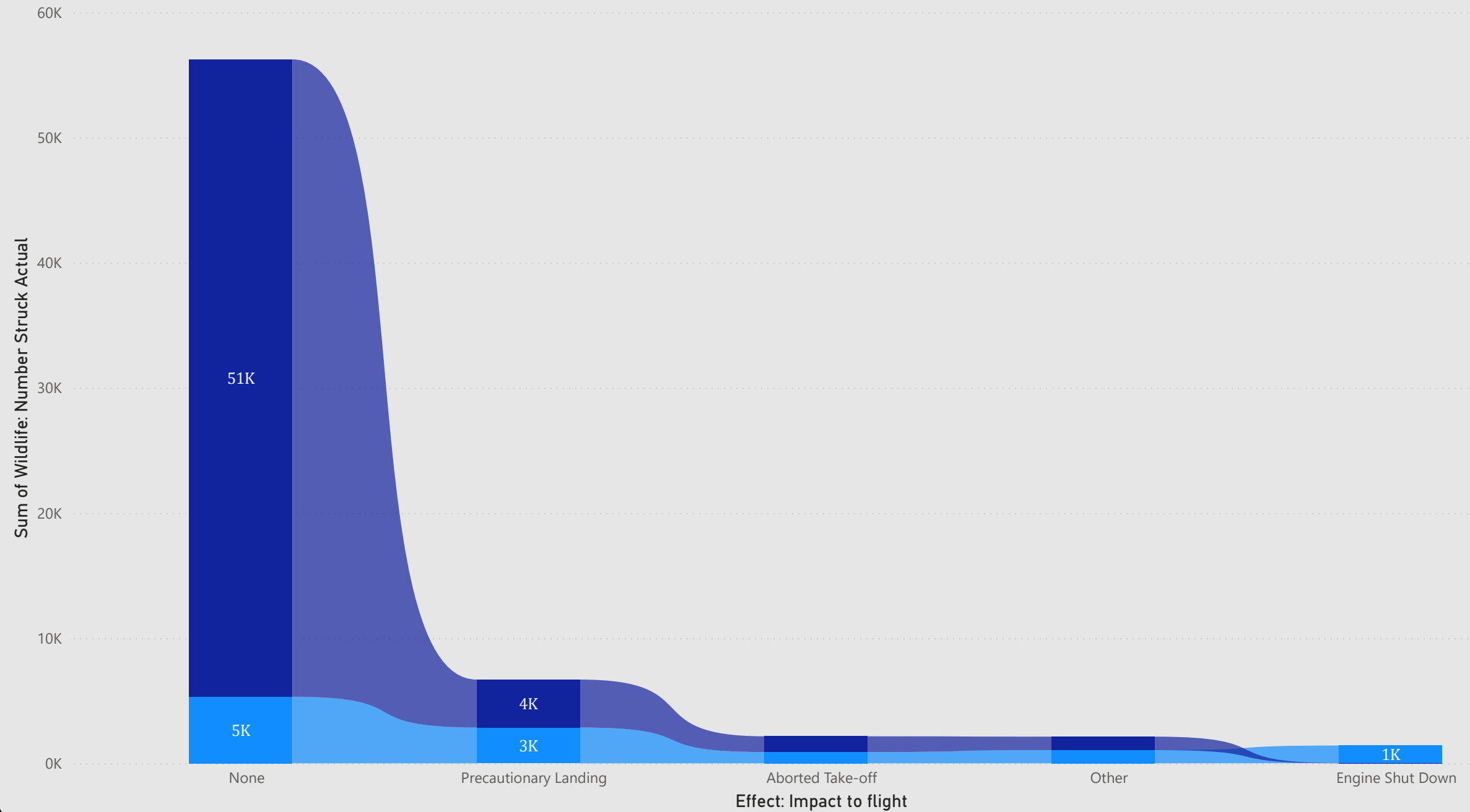


Wildlife Struck During Phase of flight



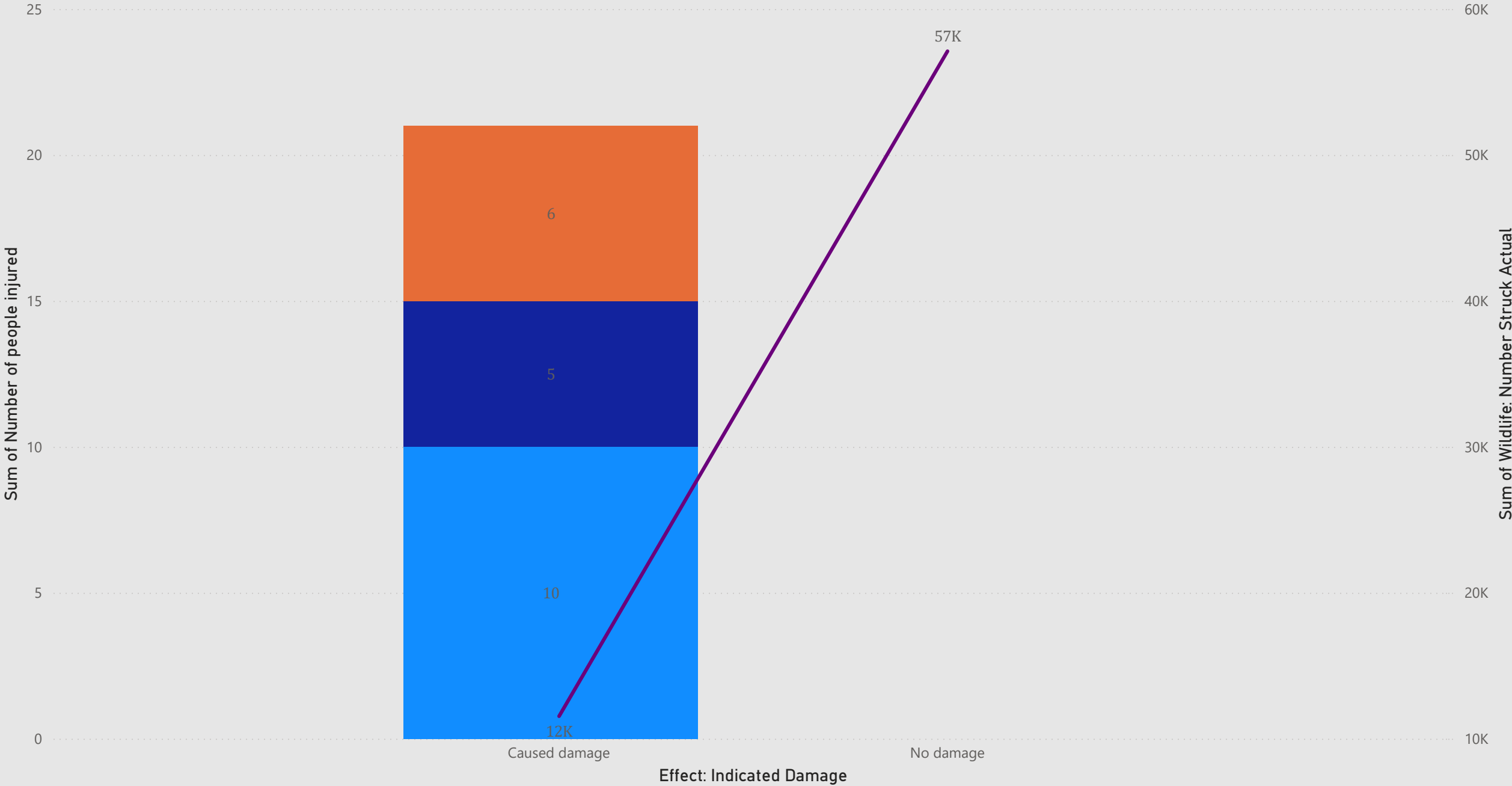
Sum of Wildlife: Number Struck Actual by Effect: Impact to flight and Effect: Indicated Damage

Effect: Indicated Damage ● Caused damage ● No damage



Sum of Number of people injured and Sum of Wildlife: Number Struck Actual by Effect: Indicated Damage and Wildlife: Size

Wildlife: Size ● Large ● Medium ● Small ● Sum of Wildlife: Number Struck Actual



Pilot warned of birds or wildlife?		N		Y		Total	
Conditions: Sky		Sum of Wildlife: Number Struck Actual	Sum of Feet above ground	Sum of Wildlife: Number Struck Actual	Sum of Feet above ground	Sum of Wildlife: Number Struck Actual	Sum of Feet above ground
No Cloud		19681	10124339	12860	2632529	32541	
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