



FINAL PROJECT: ESTABLISHING A MONETARY RESERVE AND ALLOCATION OF STAND-BY EMERGENCY RESOURCES FOR STORM ACTIVITY IN PENNSYLVANIA

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Dat 530: Present & Visualize Data

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STATEWIDE OVERVIEW



113,539 total weather events



\$22,646,027,620 in state-wide
property damage



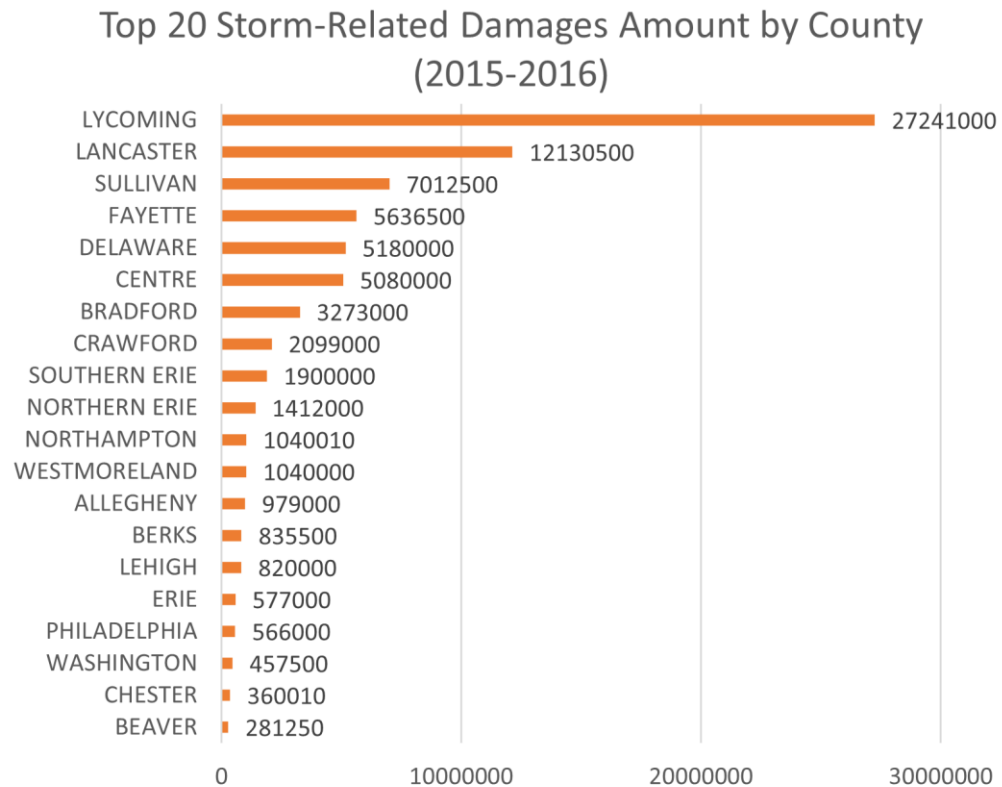
Top 3 storm types:

Thunderstorms

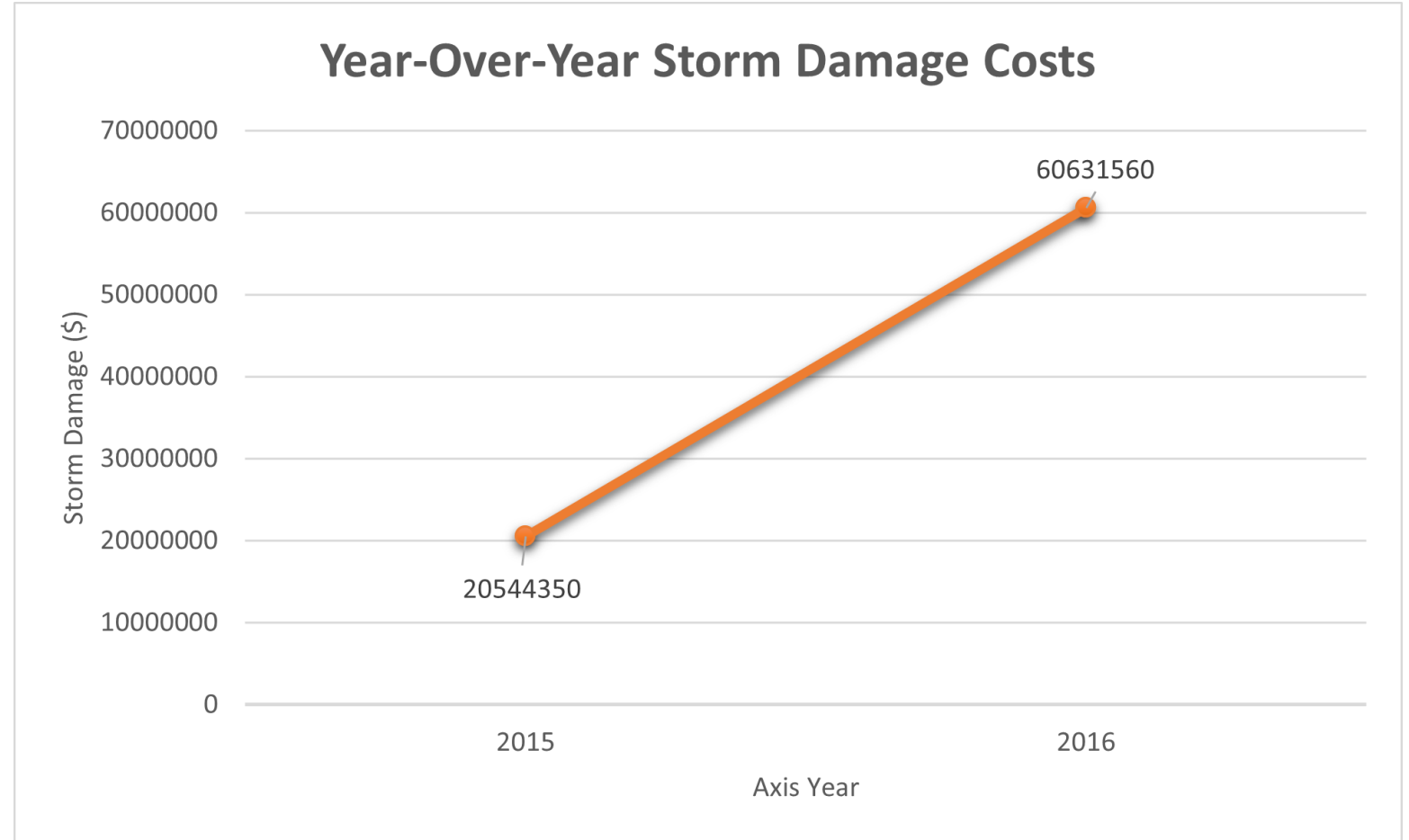
Hailstorms

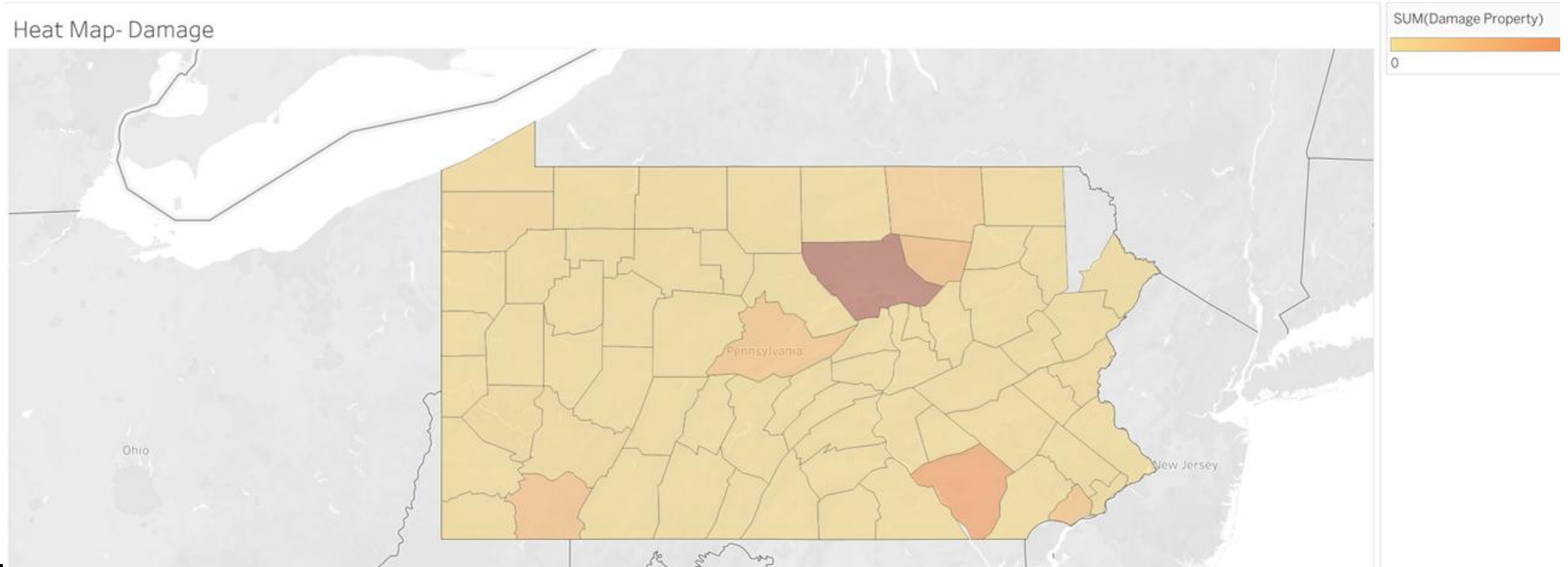
Flash flooding events

TOP 20 COUNTIES IN STORM DAMAGE AMOUNTS



YEAR-OVER-YEAR FINANCIAL TRENDS





RESOURCE ALLOCATION RECOMMENDATIONS

RECOMMENDED ACTIONS



Allocation of funds in greater proportion to top 5 most-impacted counties



Establish regional stockpiles of emergency equipment



Ongoing monitoring



Adjust resource planning as storm patterns evolve

FEEDBACK

Post-presentation survey:

- <https://www.microsoft.com/en-us/microsoft-365/online-surveys-polls-quizzes>
- Survey will be distributed via email

For any other questions or concerns contact Hannah Sutton:

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