



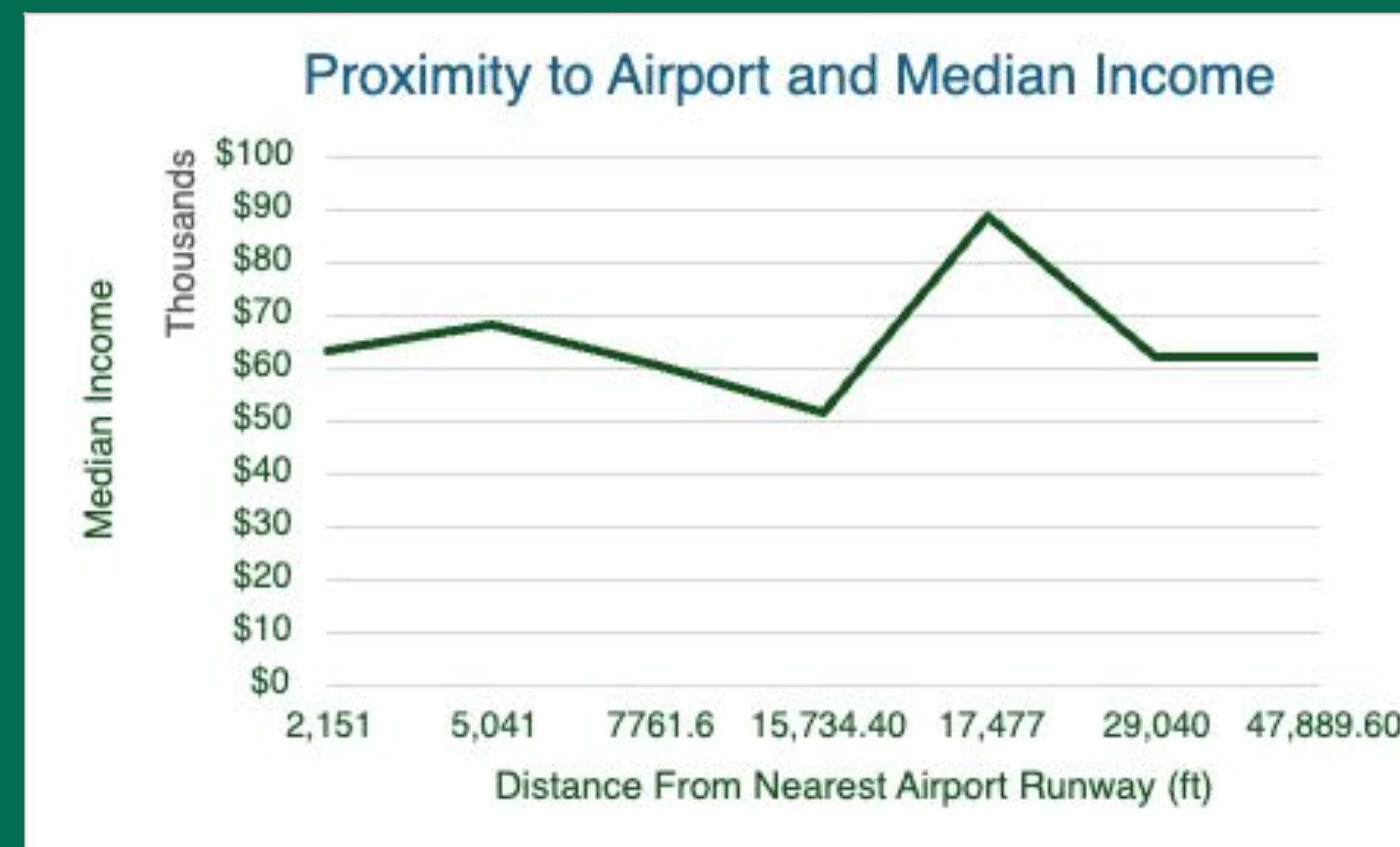
PRESENTER:
Noah Miller

BACKGROUND: Though major commercial airports benefit urban areas by generating tourism, jobs, and trade, they also have severe quality of life impacts on nearby communities. One of the biggest impacts on the NYC area is noise disturbance, which would seem to lower the value of the land around airports and the economic health of the nearby residents.

METHODS

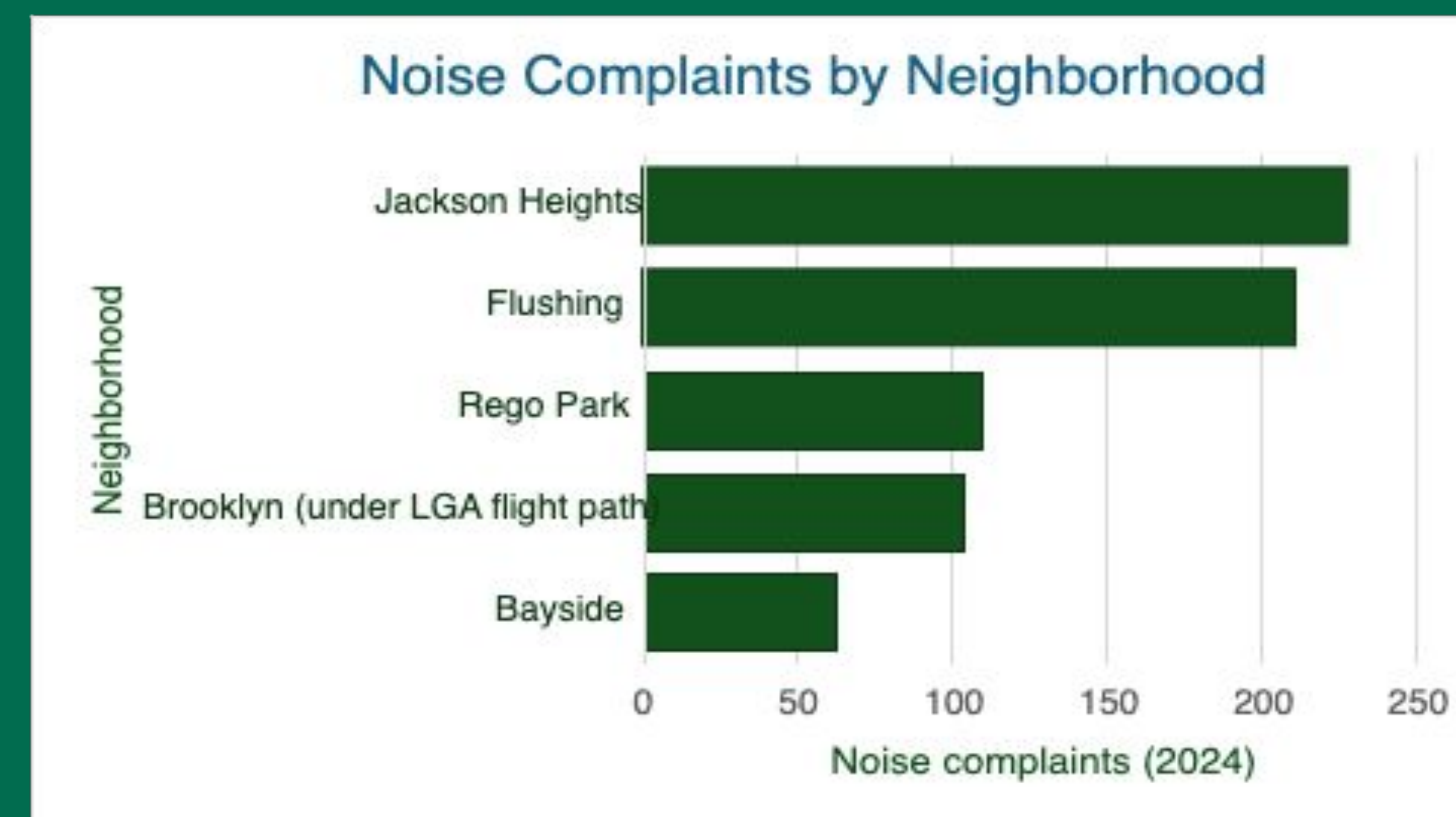
1. Measure distances between 7 different neighborhood centers and nearest airport runways.
2. Collect Property Value data from Zillow.com from each neighborhood
3. Collect Median Income census data from each neighborhood
4. Find correlations between airport proximity and the economic data using graphs.

The Airport Effect: How Proximity to LaGuardia and JFK Influences Property, Income, and Quality of Life

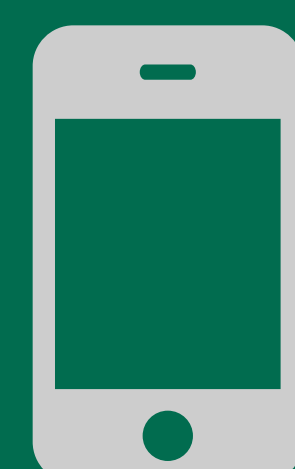


Though property value and income are not correlated with proximity to a nearby airport, health issues continue to plague nearby residents.

This is due to expanded flight paths and flight capacity in the NYC area by the FAA (post-2012).



The New York Community Aviation Roundtable (NYCAR) group's annual meeting exposed continuing dissatisfaction among residents under flight paths and around LGA and JFK.



Take a picture to
see the References

Results

When the neighborhoods are considered in order of nearest to farthest from an airport runway:

- There is no correlation to the average property value of homes in the neighborhoods.
- No correlation to the average household median income in those neighborhoods.

Additional Information

- According to NYCAR, the FAA's unhealthy noise metric (65 DNL) is flawed because it averages hours of noise and quiet.
- A noise metric that takes into account only the hours of noise would expose the true health impacts of aircraft noise.

Key Takeaways:

- "Over-flight communities" are overlooked.
- "Sharing, not shifting, the burden of aircraft disturbance should be a future priority" - Maria Becce, NYCAR