



5.12.17

Project Update

Truckee Tahoe Airport District Mission Navigation Panel—NavPan Project

Background

At the March 2017 Board Workshop a decision was made to create a tool that would help explain the work and date of the airport in a simple format—similar to the way the displays in an airplane cockpit show various data sets. The idea of creating some type of data console was developed as a way to graphically and simply display the data collected by various departments at the Airport. Following is an update of the progress being made on this project.

Name of Project:

Mission Navigation Panel—NavPan Project [\(ACAT HELP\)](#)

Purpose + Goals [\(ACAT HELP\)](#)

- Non-technical translation tool for the community to help build understanding of noise + annoyance programming as well as the mission of the Airport
- Tool for staff & Board of Directors to deepen discussions around about noise + annoyance programs and metrics at the Airport to help inform decision making
- Consolidation of a range of relevant data in one place allowing for a greater degree of “connecting the dots,” between data sets
- Provides a compliment to the Noise & Annoyance Mitigation Handbook

Questions the Mission NavPan is striving to answer:

- Is the airport safer as a result of our work?
- Is the airport having less of an impact to neighboring communities as a result of our work?
- How is our work informing the mission of the District?



NavPan Metrics Overview

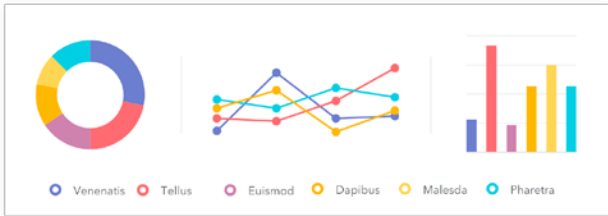
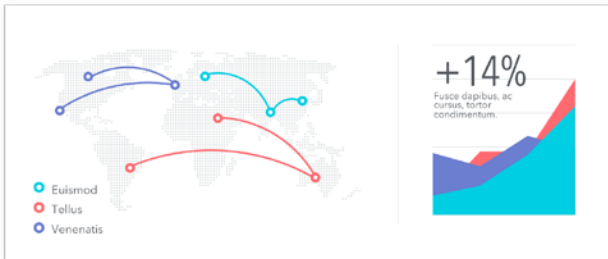
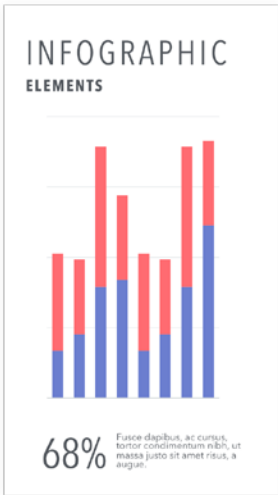
Topic	Data Point	Type of Chart
Operations	Operations by plane-aircraft type	Line Chart
Operations	Transient vs. Local customers	Line Chart NOT RELEVANT
Comments	Comments by plane type	Bar Graph
Comments	Household vs. Total Comments	Bar Graph
Comments	Comments by type + Neighborhood	Stacked Bar Graph
Comments	Comments by Compliant Flights or Non-Compliant	Bar or Pie (simple)
Comments	Staff Response/ <u>Time element/process element/relational to industry</u> <u>BMPS</u>	Graphic 100%
Safety	All safety data points compared	Line Chart
Pilot Outreach	<u>Meet with Katie</u> <u>Number of Pilot Touch Points</u> <u>Number of Passenger Touch Points</u>	TBD
<u>Noise Abatement Compliance</u> <u>NAP</u>	Total Operations: Curfew + Repeat Offenders <u>Deemed Compliant by Mike Cooke</u> <u>Number Voluntary Curfew Offenders</u>	Line Chart
Community Benefits	Meeting Space Provided <u>Number of Community Outreach Events Hosted/Sponsored Off Airport Trails/Lands/Partnerships</u>	Bar Chart
Community Benefits	Supporting Local Community: Events	Bar Chart
Community Benefits	Solutions to Regional Issues	Bulleted List
Communications/Community Benefits	Top 10 Community Outreach Highlights <u>Newsprint Placement</u> <u>Radio Placement</u>	Bulleted List



	Press Mentions	
Communications	Website hits: Who is looking at what page?	Stacked Bar Graph

Visual Examples of other dashboard type products:

[Visual Examples of other dashboard type products:](#)



Colorful processes

- Card 1: +20% Bar chart, orange background.
- Card 2: -2% Grid pattern, blue background.
- Card 3: 20% Circular pattern, orange background.
- Card 4: Eodem modo typi, qui nunc videtur parum, in typi, qui Eodem modo typi, qui nunc videtur parum, in typi, qui. Line chart, green background.
- Card 5: -2% Fan chart, blue background.
- Card 6: 76% Pie chart, green background.
- Card 7: +13% Two circular gauges, blue background.
- Card 8: +13% Bar chart with line, orange background.



Estimated Project Timeline

May 8-15: Staff: Develop data framework (Decide what is important to show and how best to show it graphically)

May 16: Project feedback from ACAT

May 22: Freshtracks present draft of TTAD Mission NavPan to staff team

June 21: Board of Directors Meeting: Present Mission NavPan with 1 month of data.

July: Q 1 Mission NavPan in full use (with Tower)

Estimated Cost

FreshTracks Development Cost: \$6000.00

Staff Time Development Cost: 80 Hours

Quarterly Maintenance Cost Freshtracks: \$1000

Quartlery Manitenance Cost Staff: 40 Hours