Pierce Transit

WSTC
April 21, 2021

Translating Data to Operations
Overview

The Commission will be briefed on how Pierce Transit is incorporating available regional equity data into its fixed route services.

PSRC Data and Demographics: https://www.psrc.org/data-and-resources/data-psrc

TPCHD Health in All Policies: https://www.tpchd.org/home/showdocument?id=2461
Tools Developed for the September 2020 Service Change

**Equity**

- Title VI Route Mileage
- Scenario Comparison Spreadsheet

**Efficiency**

- Annual Route Productivity Report
- Trip-thinning Tool

**Geographic Connectivity**

- Map of Stop-level Ridership
- Maps of Service Proposals
Title VI
Equity Considerations

Pierce Transit
Title VI Considerations

Passengers per Service Hour
- ≤ 10
- ≤ 20
- ≤ 24

Low Income
High Minority
Low Income & High Minority

ACS 2018 block groups with Minority and Low Income populations greater than the PTBA average.
2019 Route Productivity

Route Productivity Ratings 2019

Based on passengers per service hour, passengers per revenue mile, and cost recovery.
Ridership shift during COVID-19

Routes with **least** ridership loss compared to April 2019:
- 42
- 57
- 206
- 214
- 402
- 500

Routes with **most** ridership loss compared to April 2019:
- 10
- 11
- 100
- 202
- 409
Title VI Equity Analysis March 2021

Service (all days)
- No Change
- NOT a Major Service Change
- Major Service Change

Title VI Block Groups
- Minority
- Low Income
- Minority & Low Income

ACS 2018 Census Block Group populations greater than PTBA average.
Pierce Transit’s 2021 Bus Stop Balancing Project

Title VI Categories of PT Stops Being Considered for Removal

- Minority: 19%
- Low Income: 15%
- Minority & Low Income: 21%
- Not Title VI: 18%

Number of Bus Stops

- Stops Kept
- Stops Considered for Removal
Moving Forward

• Evaluating increases/decreases of service along routes.

• Assessing equity in stop distribution and stop amenities.

• Gaining a better understanding of equity across the PTBA.