Pittsburgh Regional Transit Utilization

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Monthly Ridership by Route (Jan 2017 to Oct 2024)
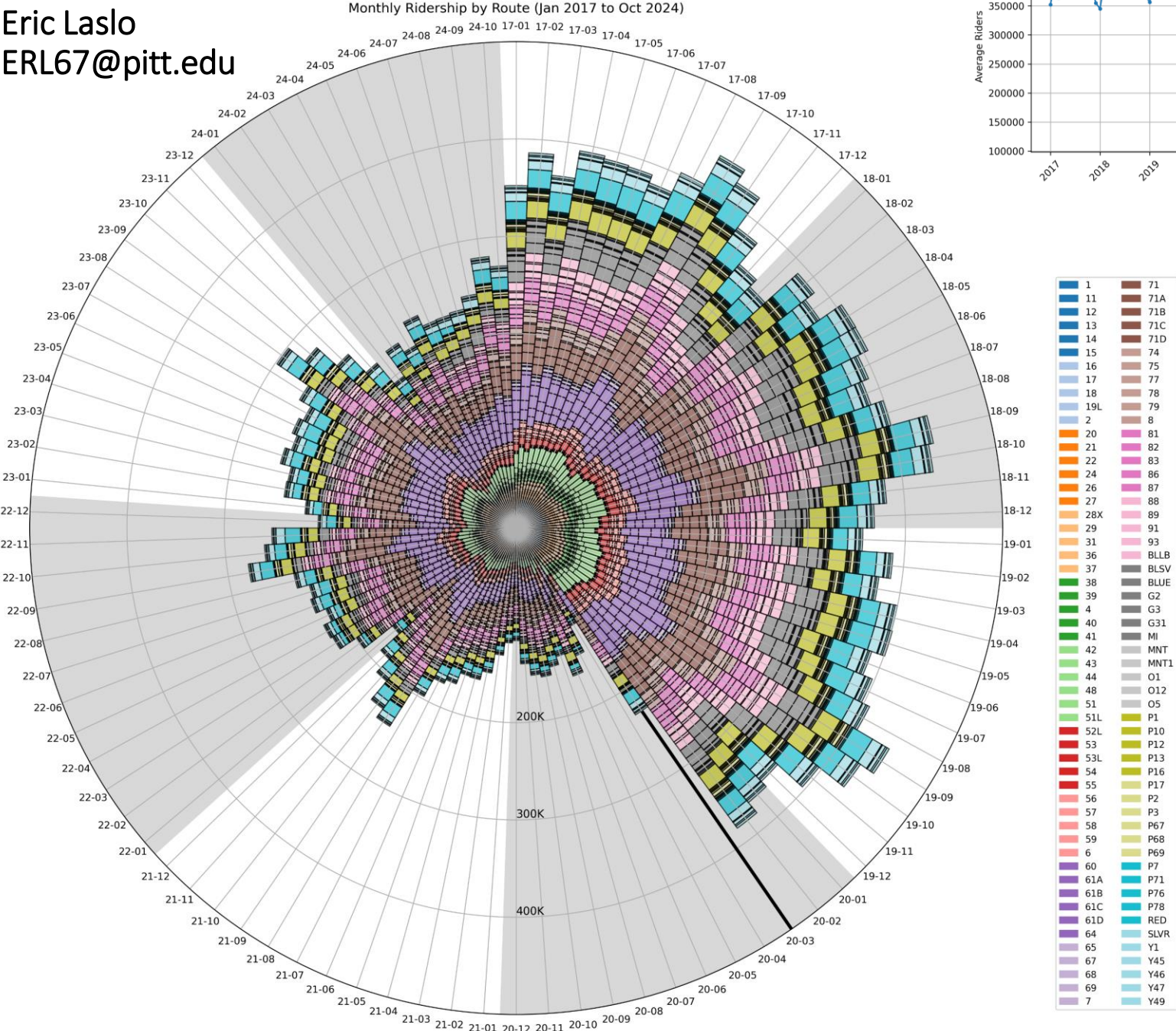
Legend

- The outer circle denotes the month, going clockwise from Jan 2017 to Oct 2024

- Each large pie slice (alternating gray and white) represents the entire year

- The small radial lines represent a month

- The length of the bar is the total monthly ridership

- Each bar is divided into the individual routes by color

- The segment size of each bar is the total ridership on that route for that month

- The bar color groupings generally align with the various routes and make it easier to see

- The radius of the circle denotes the total ridership in intervals of 100,000, going to a maximum of 500,000

- The thick black line on the 20-03 radii indicates the start of the Covid-19 pandemic

Findings

- The graph shows how much the ridership dropped during the pandemic, starting March 2020.

- The graph also shows how the ridership has only recovered to approximately 65% of pre-pandemic levels.

- Also of note is that ridership peaks each year around August and September, which correlates with the start of the school year.

- Could be useful when analyzing bus route realignment and prioritizing certain routes.

Data Source

https://data.wprdc.org/dataset/prt-monthly-average-ridership-by-route

Github

https://github.com/erl67/prt-utilization