

FAC-eda

C.Robertson

2023-10-16

Data Description

The data set includes the following data fields:

- **Departure Terminal** -
- **Arrival Terminal** -
- **Vessel** -
- **Scheduled Depature Time** -
- **Actual Departure Time** -

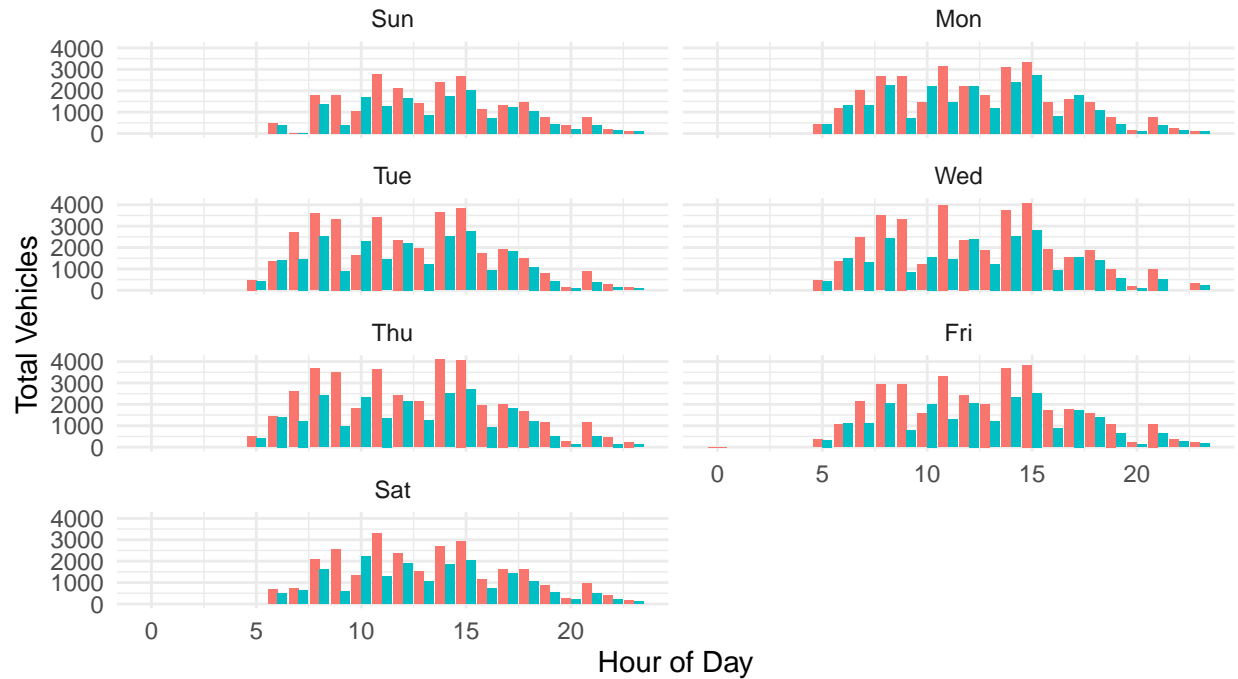
- **Bus, Semi, Comm, Pvoh, Pvuh, Mtcy** - Bus, Commercial, Passenger Overheight, Passenger Underheight, Motorcycle
- **Total Veh** - Total Vehicles
- **Foot Pass** - Number of Foot Passengers
- **Veh Pass** - Number of Passengers in Vehicles
- **Total Pass** - Total Number of Passengers
- **Total O/L** - Total overloaded (unclear if this is an estimate based on # left in the lot..)

The time period covered by this data set is from Nov 2021 to April 2023, with the transition to the two ferry system using *Kwigis* and *Gwawis* ferries occurring on April 12, 2022. After some investigation, it appears the passenger breakdown (Foot vs Vehicle) is not consistently populated, but Totals of passengers should be accurate.

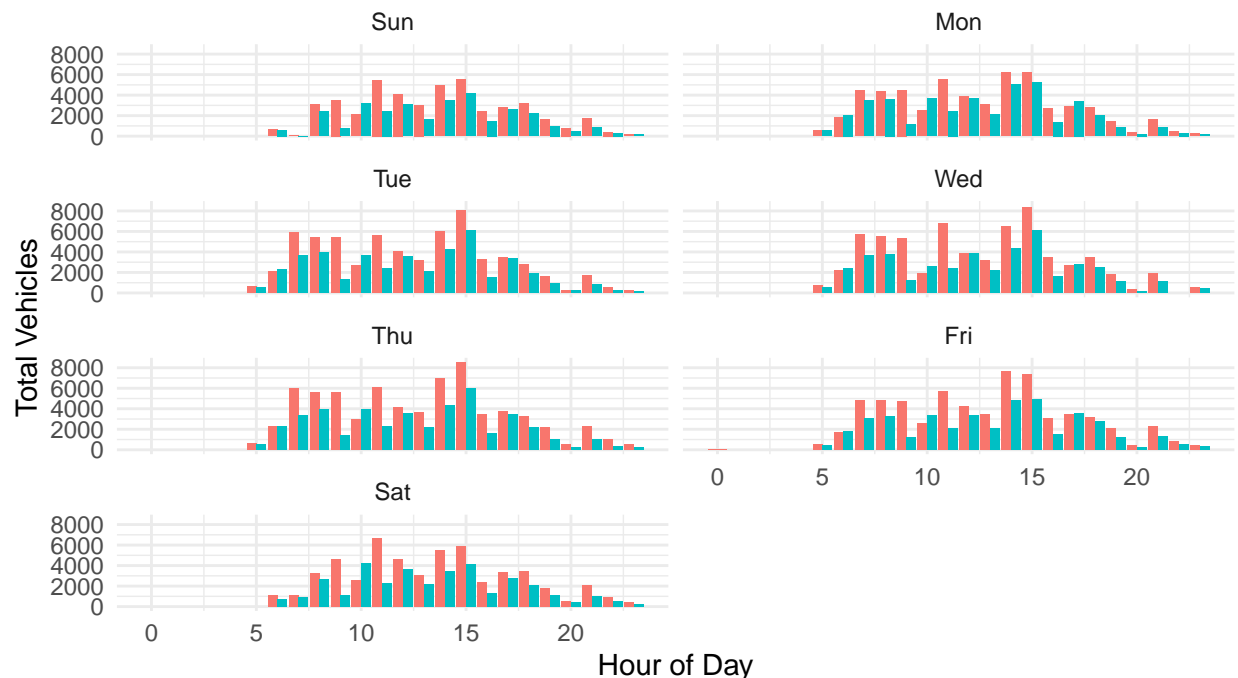
Observed Patterns

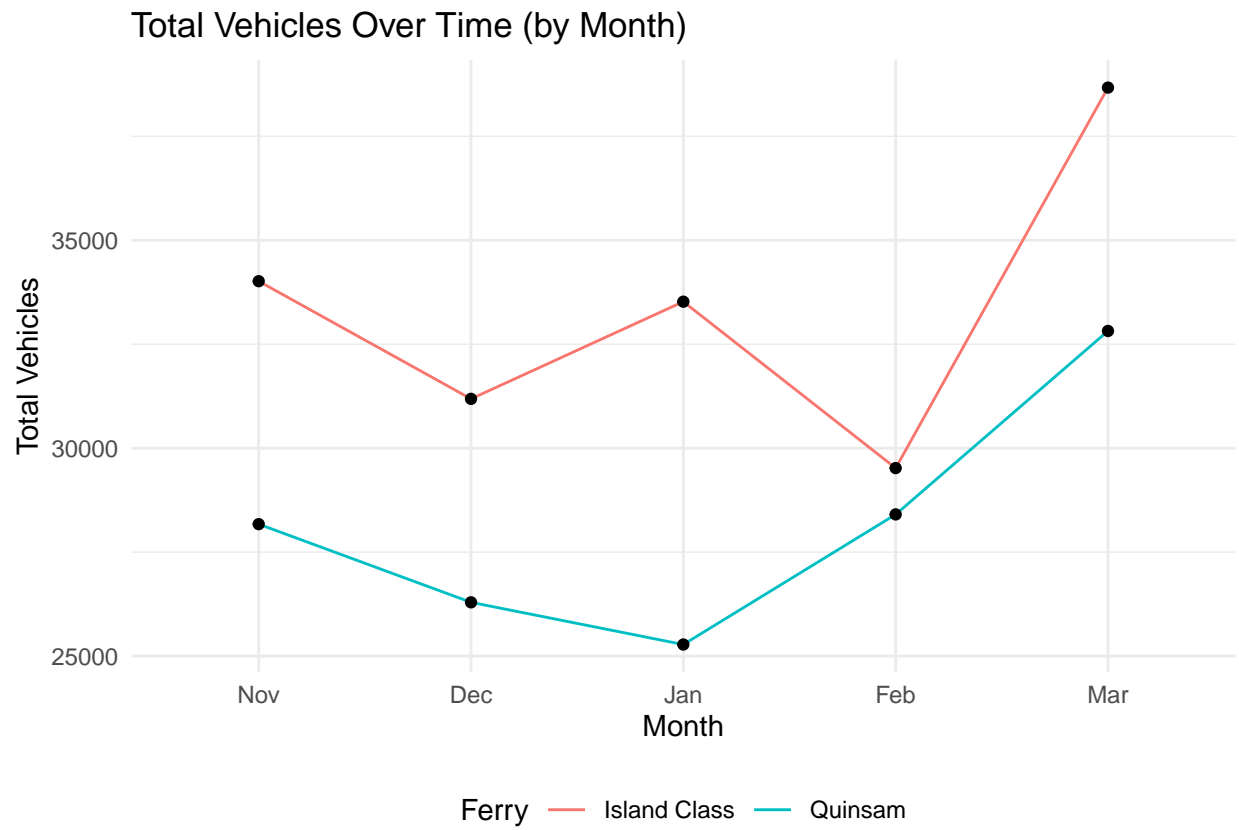
General Traffic Pattern - Comparing Nov-Apr for Quinsam (2021-2022) and Island Class (2022-2023))

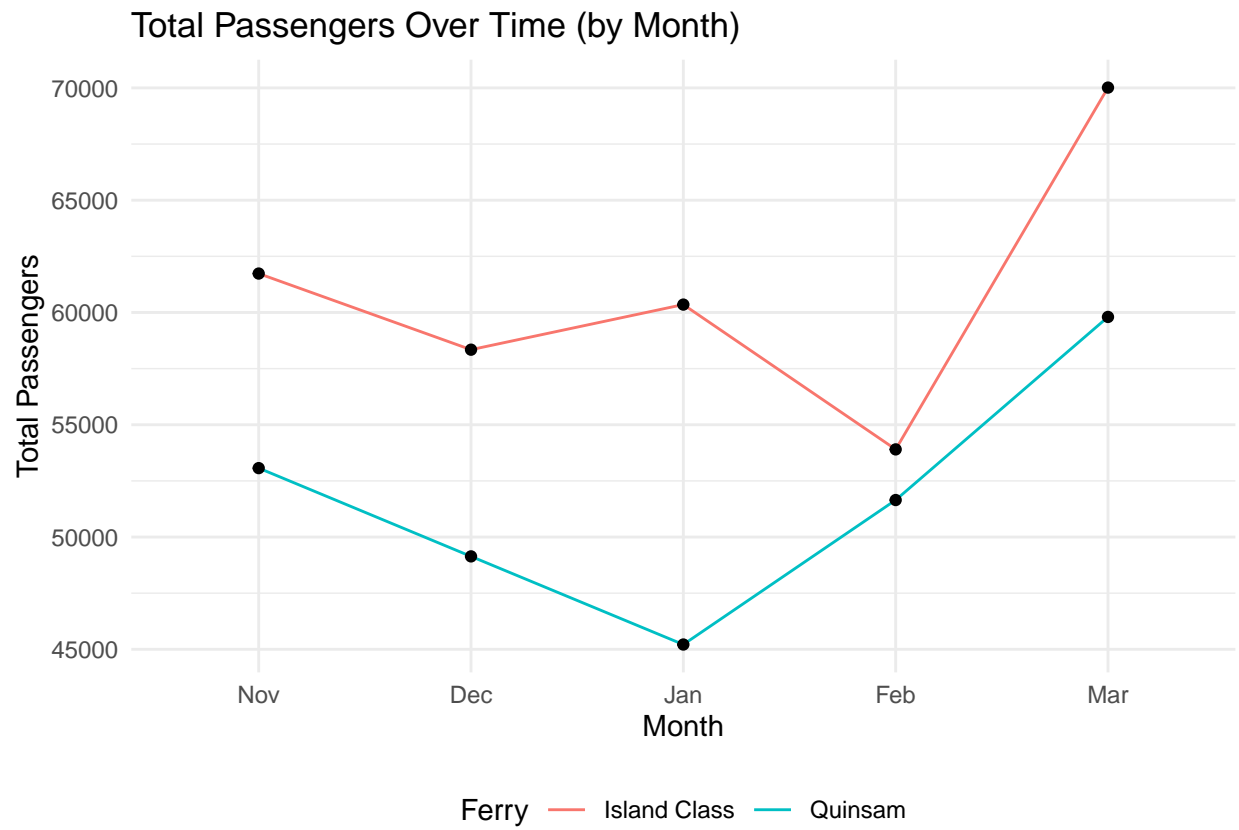
Total Vehicles by Time of Day, Nov 21 – Apr 22 (Quinsam), Nov 22 – Apr 2



Total Vehicles by Time of Day, Nov 21 – Apr 22 (Quinsam), Nov 22 – Apr 2

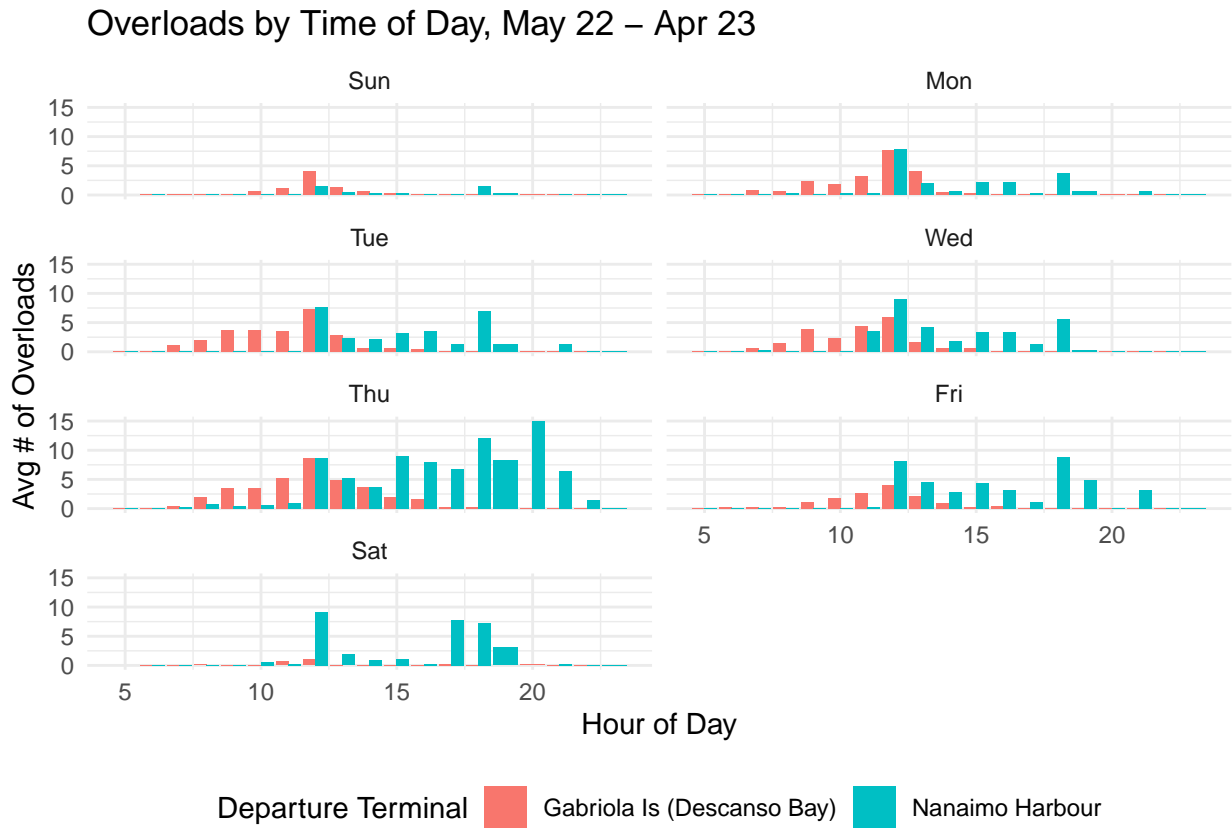






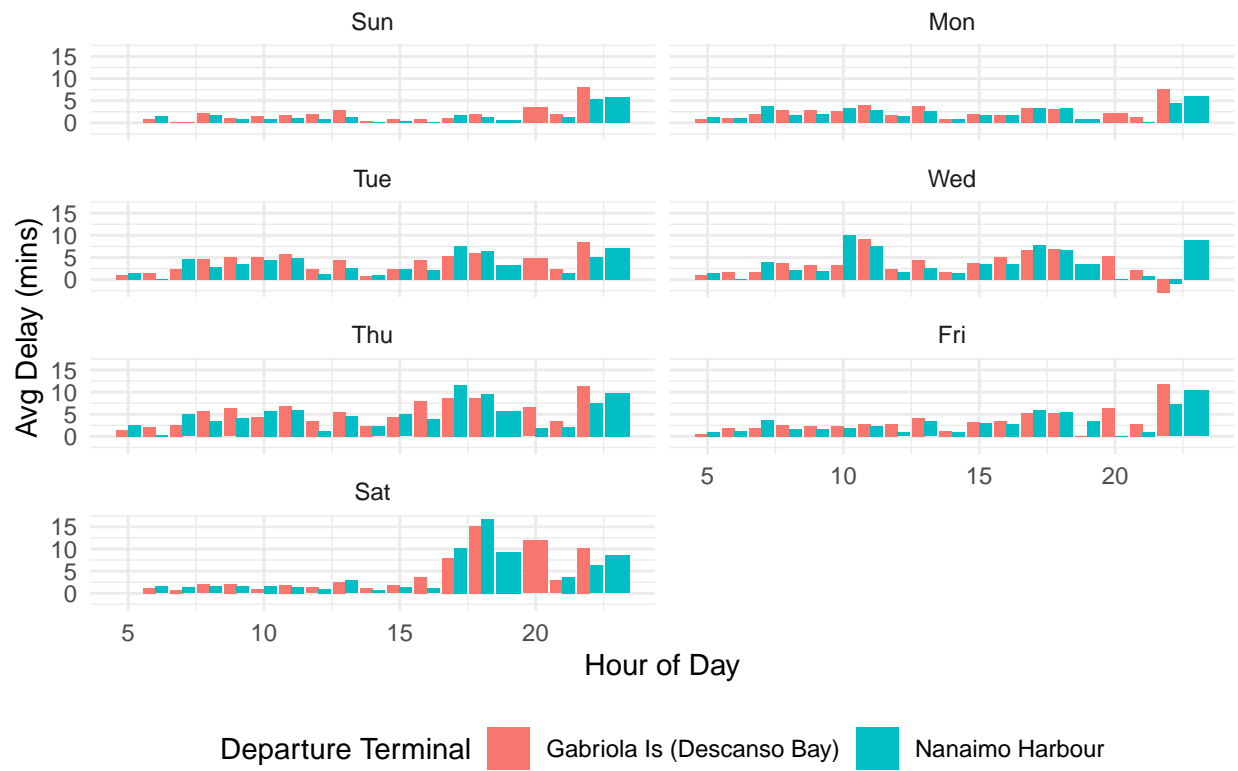
Island Class Ferries, May 2022 - Apr 2023

Overloads



Delays

Delay (mins) by Time of Day, May 22 – Apr 23



Efficiency

Comparing # of vehicles to # of passengers (totals).

