

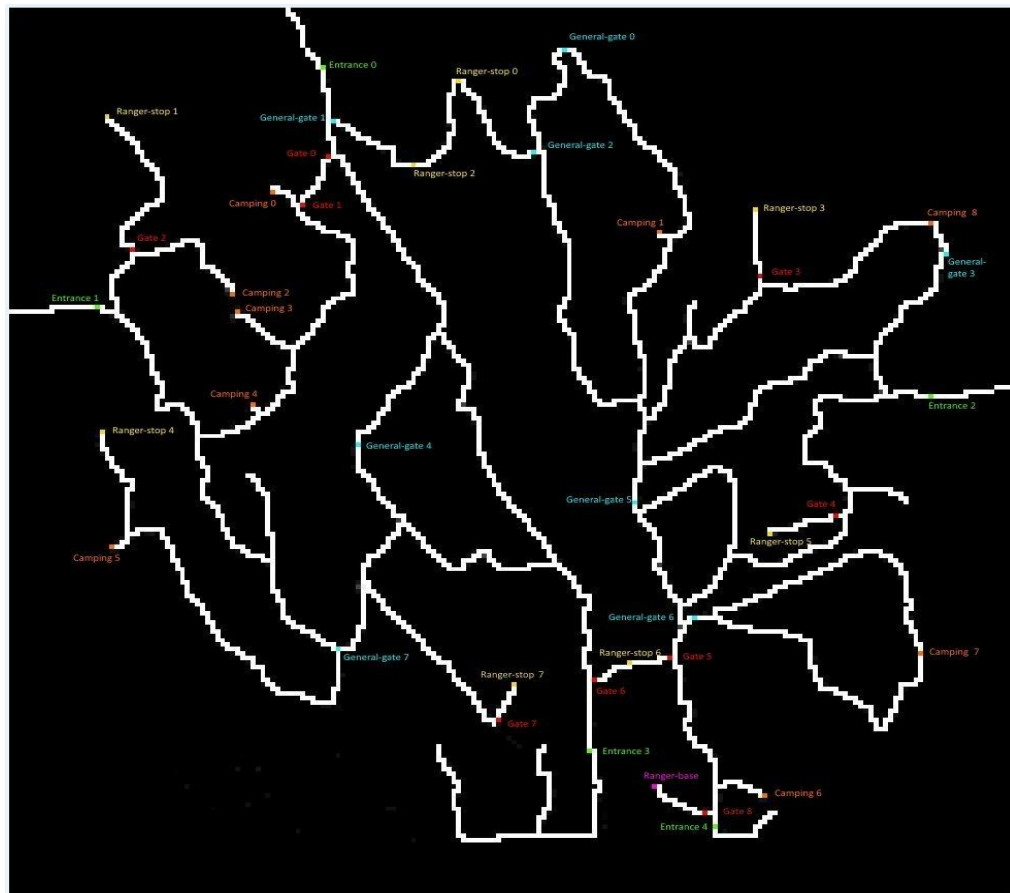
Traffic Impact on Rose-Crested Blue Pipit Nesting Numbers (MC1)

By Pippa Hodgkins, Andreas Moe, and Yinan Qian

Abstract & Hypotheses

- The goal of this project is to determine what, if any, factors have impacted the nesting numbers of the of the rose-crested blue pipit
- Some preliminary hypotheses are:
 - Increase in vehicle traffic to the park are affecting nesting numbers
 - More overnight campers are affecting nesting numbers
 - Vehicles are accessing restricted areas in the park

Storyboards

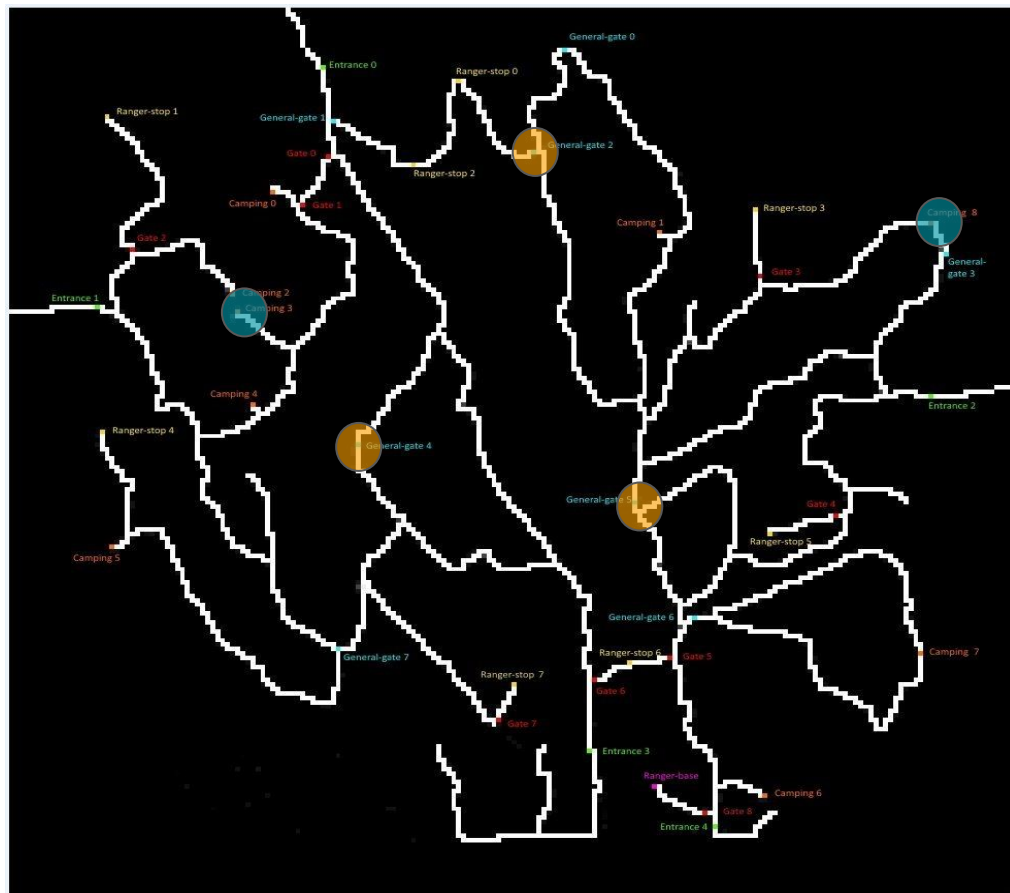


Vehicles

- ☒ All
- ☒ 2-axle car (or motorcycle)
- ☒ 2-axle truck (non-park)
- ☒ 2-axle truck (park)
- ☒ 3-axle truck
- ☒ 4-axle (and above) truck
- ☒ 2-axle bus
- ☒ 3-axle bus

Gates

- ☒ All
- ☒ Entrances
- ☒ General gates
- ☒ Gates
- ☒ Ranger stops
- ☒ Camping

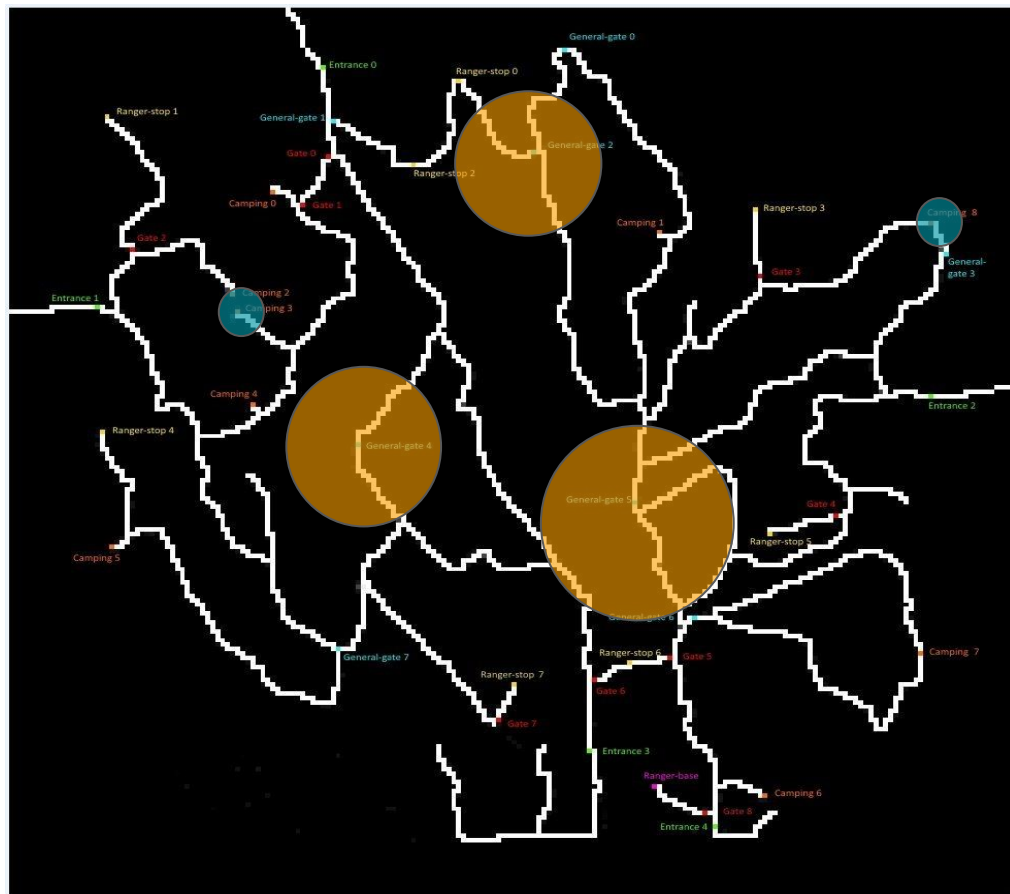


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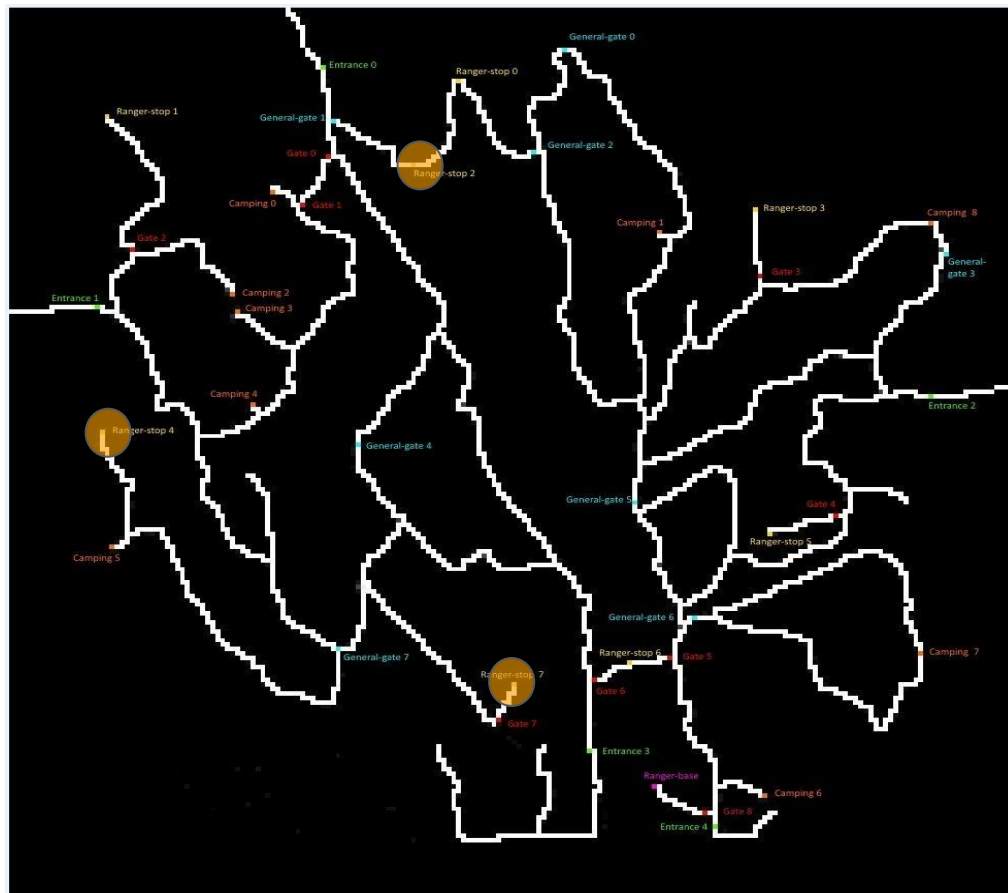


Vehicles









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05/01/2015

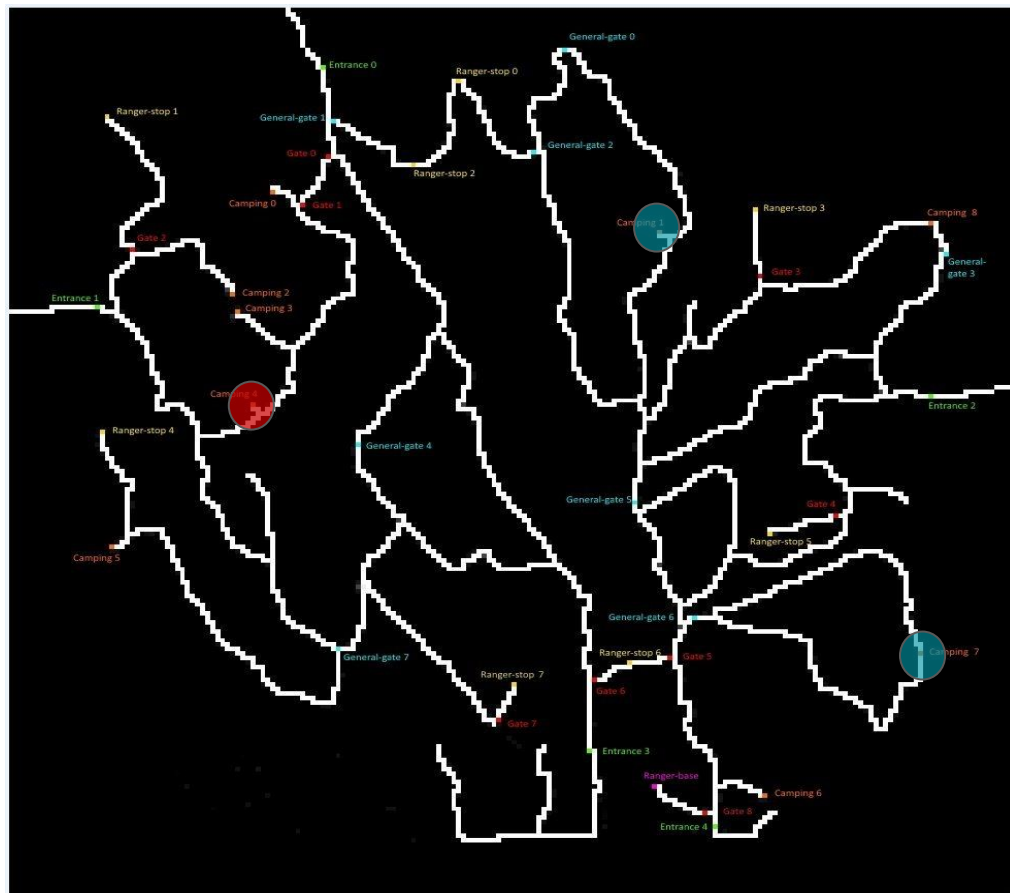
05/31/2016

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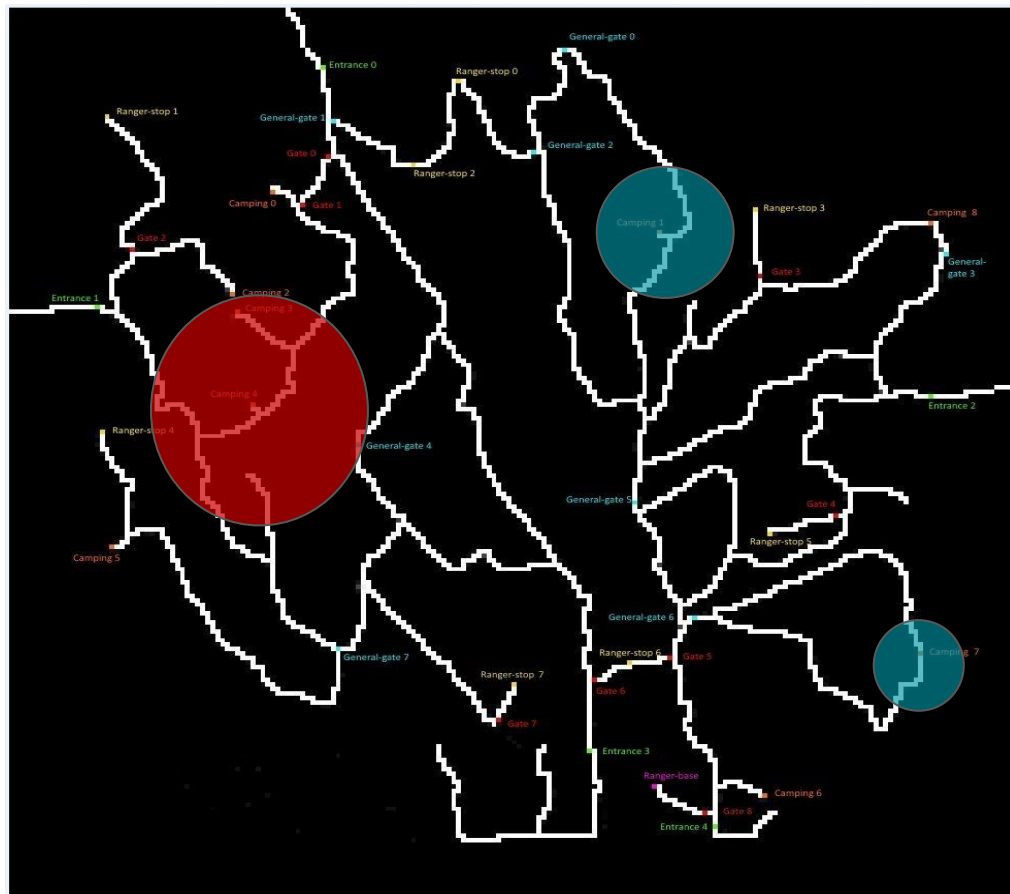


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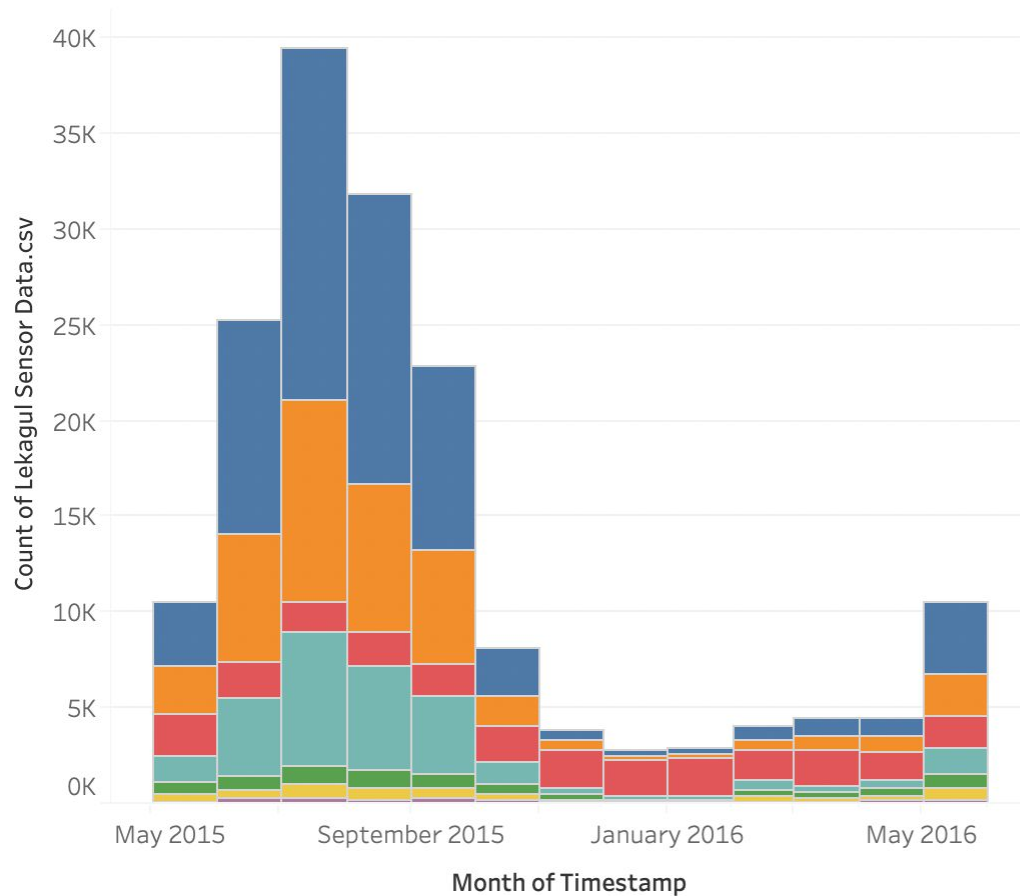
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Preliminary Visualizations

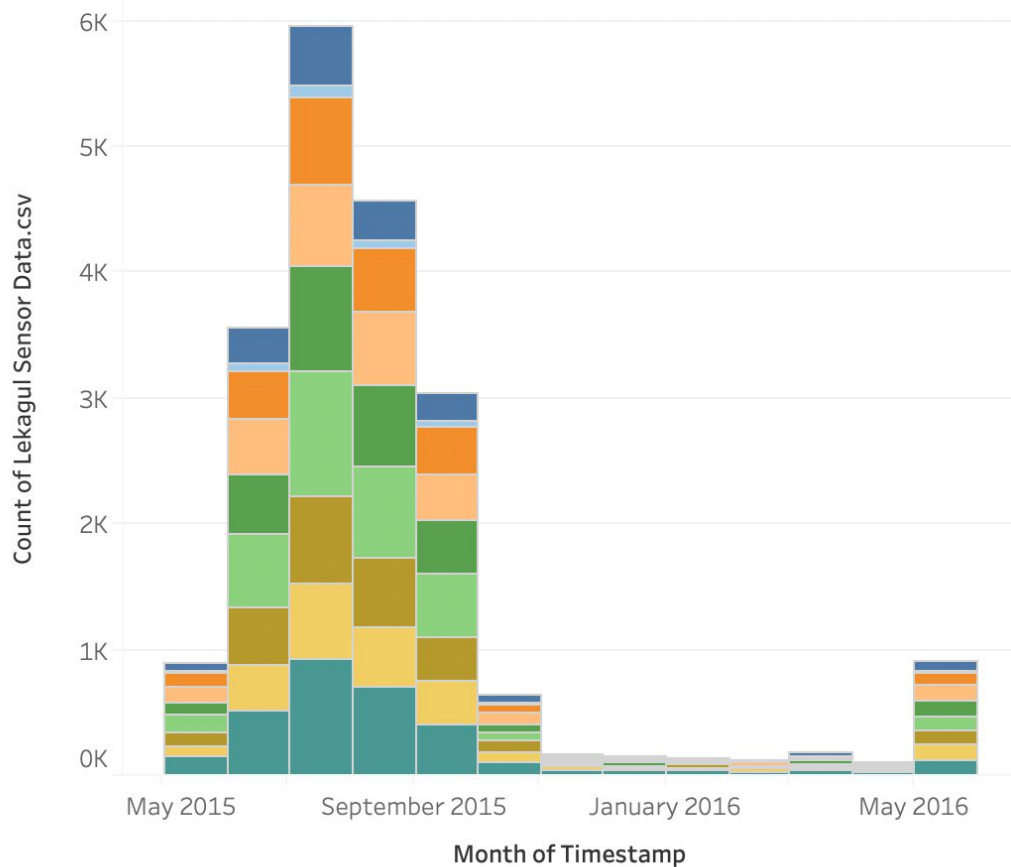
Car Types Entering the Park



Car-Type

- 1
- 2
- 2P
- 3
- 4
- 5
- 6

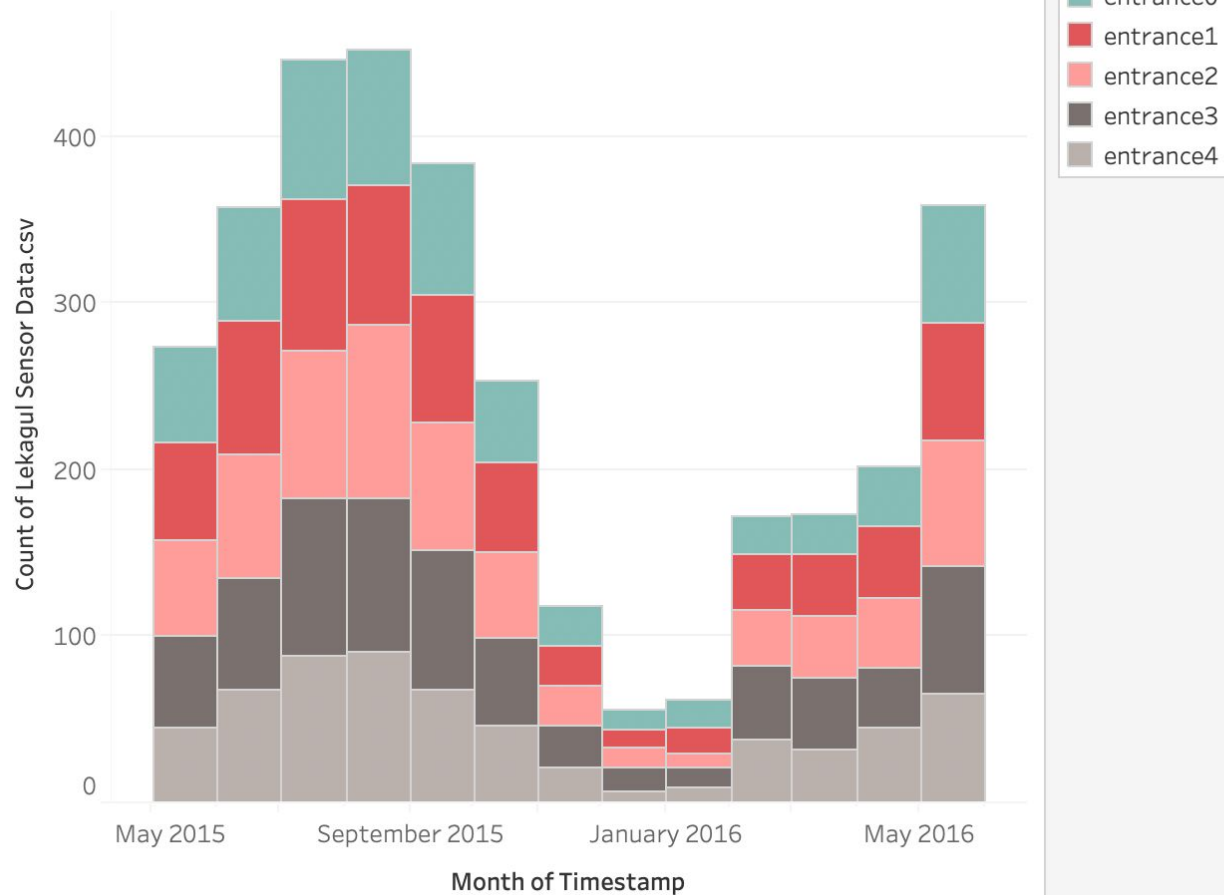
Camping Frequency



Gate-Name

- camping0
- camping1
- camping2
- camping3
- camping4
- camping5
- camping6
- camping7
- camping8

Large Vehicles Entering the Park



Interactions

Status Update