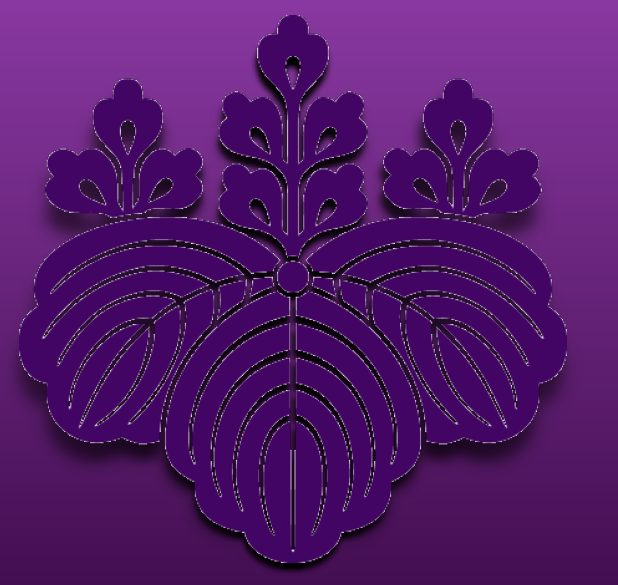


Population Movement in Close Proximity to the Coastline, in the Tokyo Metropolitan Area

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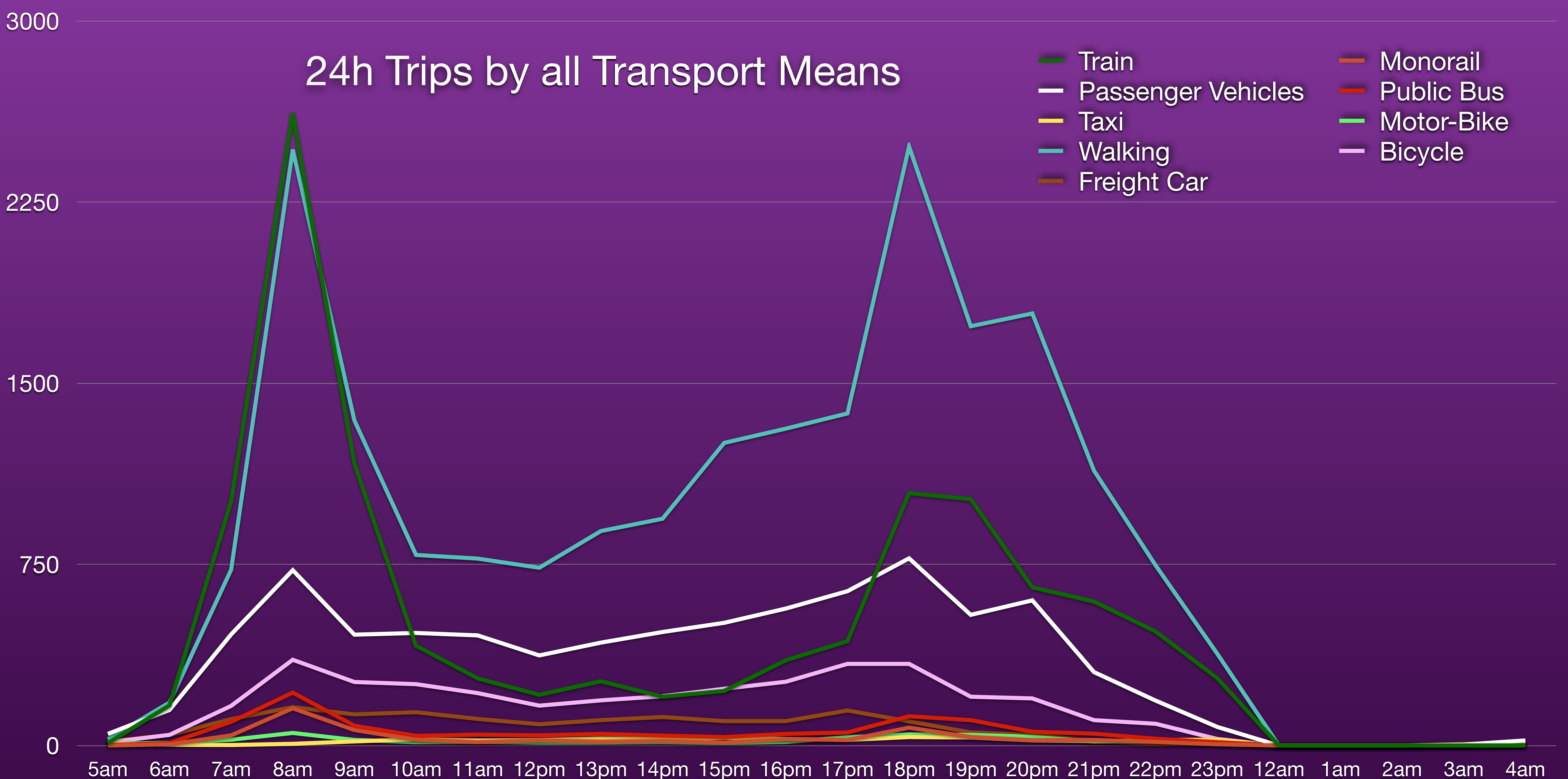
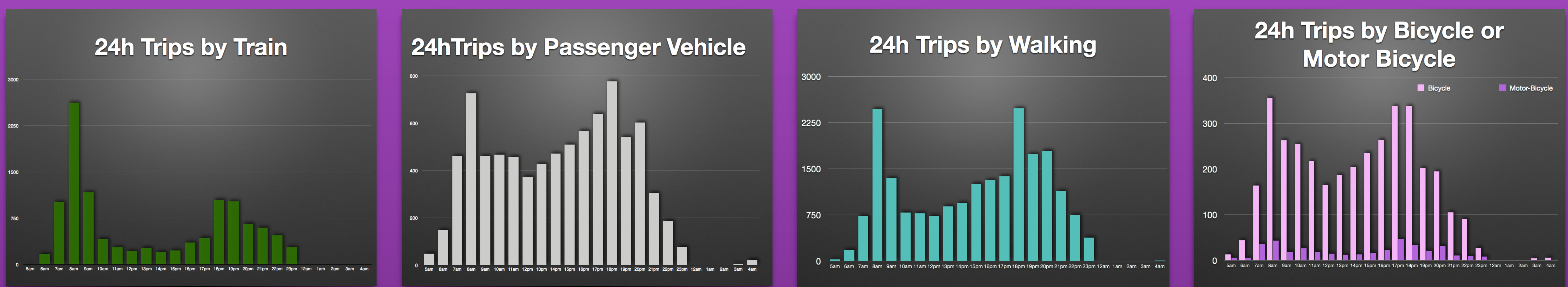
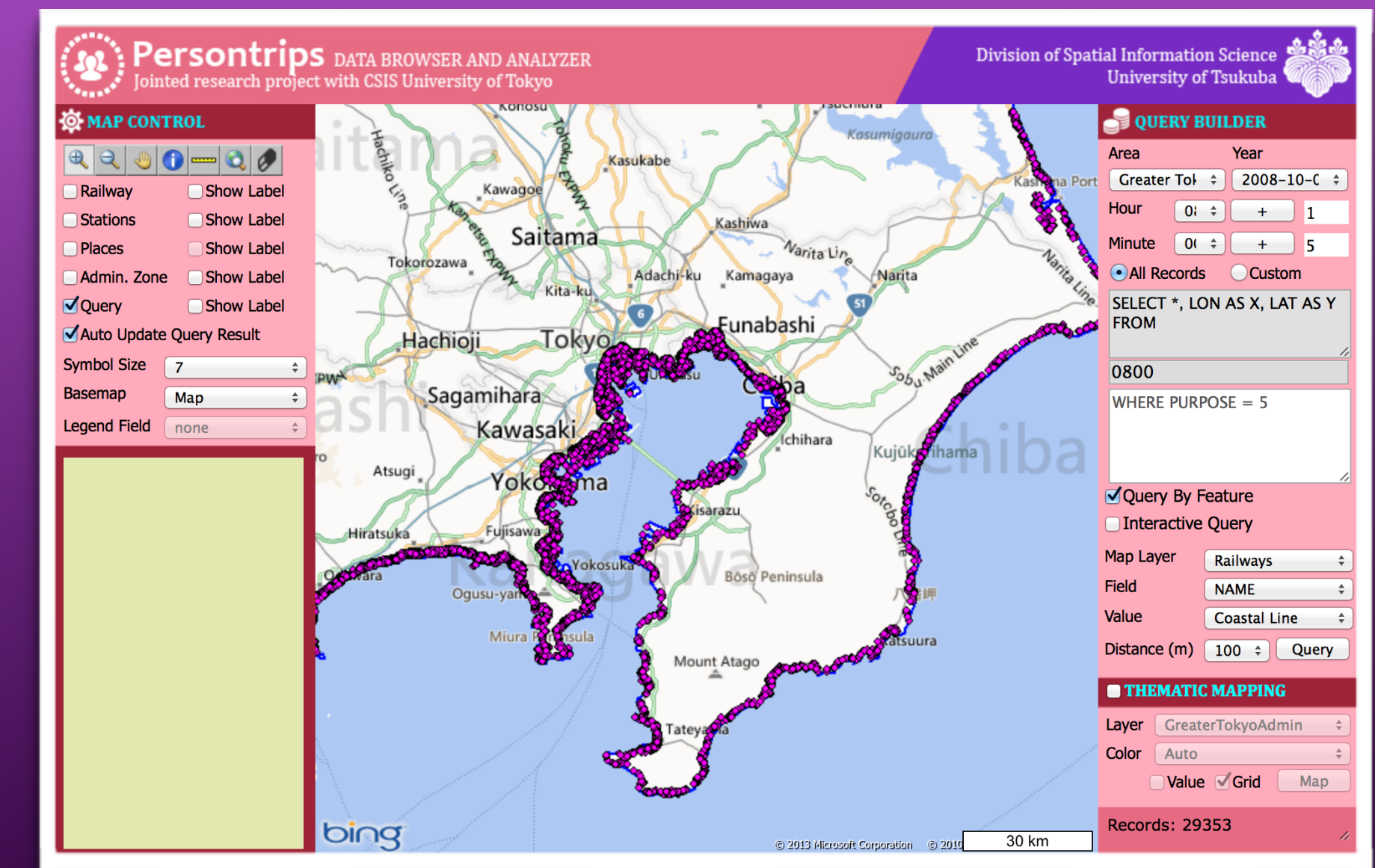


Data

- CSIS Questionnaire data for 2008 - 10 - 01
- 600.000 Individuals and their daily movements in the Tokyo Metropolitan area

Analysis Concept: Analyse movement of people in close proximity to the coastline (1km) as to their purpose and time frame, in order to deduce potential vulnerability in case of a tsunami event.

Analysis via the SIS Online Person Trips Data Browser and Analyser:
<http://land.geo.tsukuba.ac.jp/persontrips/>



Results:

- Peaks of movement for all trips between 7 and 9 am, and 17 and 18pm
- Trips by train and car potentially vulnerable
- Trips by walking or bicycle potentially less vulnerable depending on age group

Future Actions:

- Age group analysis
- Trip purpose Analysis