Transportation

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Methods of Research

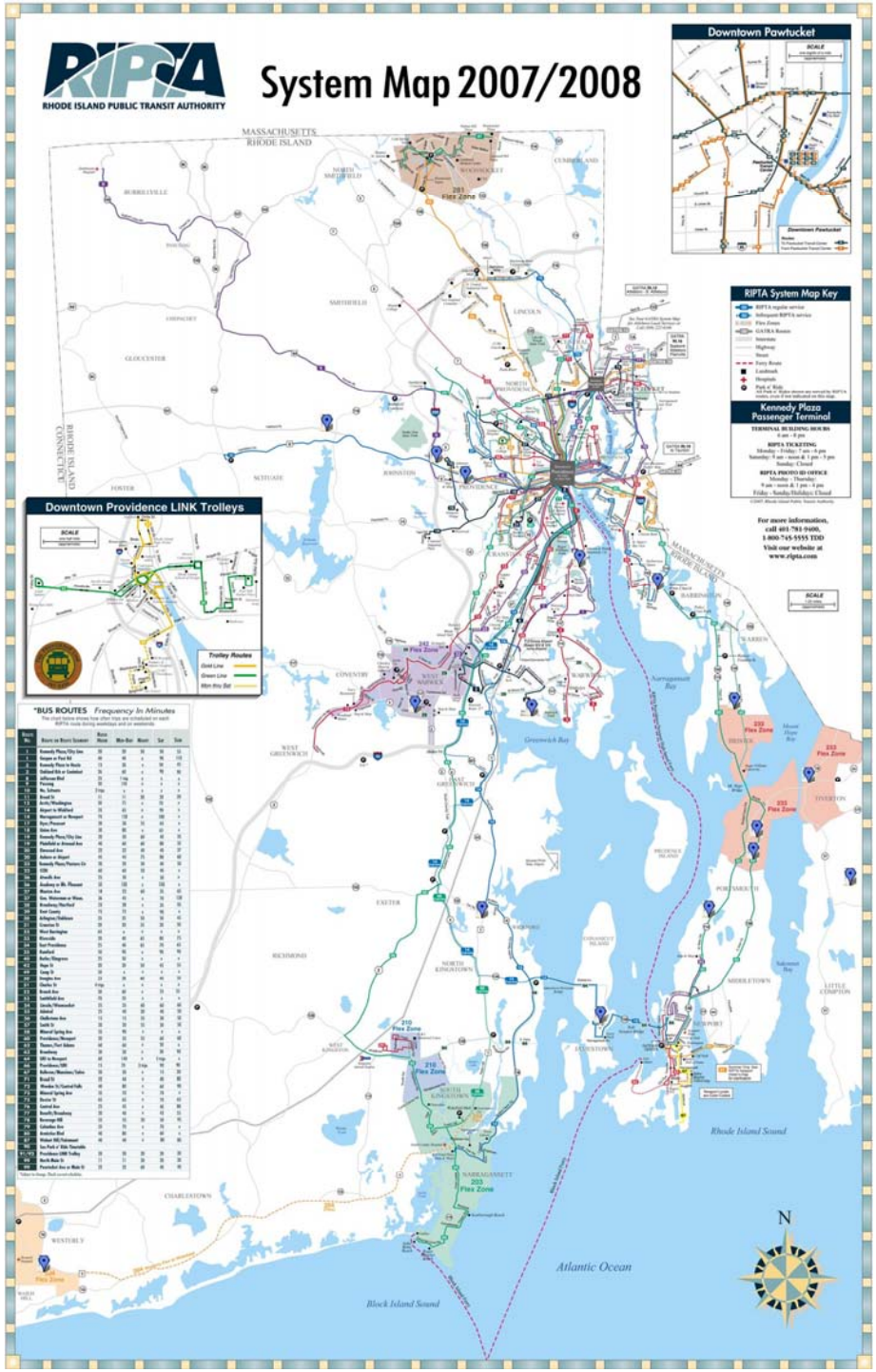
- Find where staff members live
- Find out what kind of vehicles the staff drives
- Find out fuel economy of these vehicles
- Calculate carbon footprint
- Research public transportation in Rhode Island

Results of Research

Commute	Vehicle Type	CITY MPG	HWY MPG	Carbon Footprint per Week
52.49 miles	2003 Chrysler PT Cruiser	City: 21 MPG	Highway: 28 MPG	415.62 lbs CO2/gal
6.29 miles	2004 Volkswagen Touareg	City: 14.5 MPG	Highway: 19 MPG	36.42 lbs of CO2/gal
15.42 miles	2003 Toyota Highlander	City: 20 MPG	Highway: 24.5 MPG	134.44 lbs of CO2/gal
16.37 miles	2004 Chevrolet Aveo	City: 27 MPG	Highway: 35 MPG	256.11 lbs of CO2/gal
32.98 miles	2002 Toyota Corolla	City: 32 MPG	Highway: 41 MPG	175.29 lbs of CO2/gal
2.36 miles	2000 Volkswagen Passat	City: 20.5 MPG	Highway: 27.5 MPG	19.07 lbs of CO2/gal
21.05 miles	2008 Toyota Prius	City: 48 MPG	Highway: 45 MPG	87.61 lbs of CO2/gal
4.1 miles	2005 Volkswagen Jetta	City: 22.5 MPG	Highway: 30 MPG	30.3 lbs of CO2/gal
7.27 miles	2003 Ford Escape	City: 20.5 MPG	Highway: 25.5 MPG	61.32 lbs of CO2/gal
16.71 miles	1999 Hyundai Sonata	City: 20.5 MPG	Highway: 29.5 MPG	129.66 lbs of CO2/gal
13 miles	2006 Volkswagen Jetta	City: 23 MPG	Highway: 31 MPG	97 lbs of CO2/gal
43.52 miles	2007 Saturn Ion	City: 26 MPG	Highway: 35 MPG	276.81 lbs of CO2/gal

Results Continued

Commute	Vehicle Type	CITY MPG	HWY MPG	Carbon Footprint per Week
10.9 miles	1999 Plymouth Minivan	City: 19 MPG	Highway: 25 MPG	96.11 lbs of CO2/gal
26.5 miles	2007 Toyota Corolla	City: 32 MPG	Highway: 41 MPG	144.41 lbs of CO2/gal
18.1 miles	2001 Ford Focus	City: 26 MPG	Highway: 33.5 MPG	118.03 lbs of CO2/gal
26.7 miles	2002 Buick Century	City: 20 MPG	Highway: 29 MPG	211.42 lbs of CO2/gal
3.5 miles	2006 Toyota RAV4	City: 22.5 MPG	Highway: 29 MPG	24.46 lbs of CO2/gal
32.1 miles	2001 Nissan Sentra	City: 25.5 MPG	Highway: 33 MPG	212.9 lbs of CO2/gal
45.29	2006 Toyota Tacoma	City: 18 MPG	Highway: 23.5 MPG	423.43 lbs of CO2/gal
10.74 miles	2006 Honda Accord	City: 23 MPG	Highway: 31.5 MPG	76.46 lbs of CO2/gal
15.1 miles	2000 Honda Civic	City: 31 MPG	Highway: 38.5 MPG	84.29 lbs of CO2/gal
1.74 miles	Bike			
2 miles	Bike			
3.3 miles	2004 Honda Accord	City: 23 MPG	Highway: 32 MPG	23.07 lbs of CO2/gal



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Recommendations

- Carpooling
- Utilize mass transit
- Walk or ride a bike
- Telecommute

Improve Fuel Economy

- Properly inflated tires
- Slow down
- Use cruise control
- Consolidate your trips
- Remove any racks when not in use
- Keep your vehicle properly maintained