Massachusetts
Safe Routes to School

Promoting Sustainable Student Transportation

massDOT
Massachusetts Department of Transportation
Meeting Local Needs

• Physical Activity
• Safety
• Traffic Congestion
• Environment
• Attendance and Tardiness
• Communication/Marketing
Six E’s

- Education
- Encouragement
- Enforcement
- Evaluation
- Engineering
- Equity
Education

- Pedestrian Safety
- Pedestrian Mentor Training Models
- Bike Safety
- Bike Rodeos
- Elementary & Middle School Curriculum
- Webinars, Forums, Awards
Encouragement

• Flagship Walk/Bike/Roll Days
• Walking School Buses
• Theme Days
• Park and Walk locations
• In-School Activities
• Marketing Materials
• Providing “swag” at events
Enforcement

- Crossing Guards
- Police
- School Resource Officers
- Appropriate School Traffic Plans
- Communication
Evaluation

- Parent surveys
- Walkability/Bikeability Assessments
- Student Address Maps
- Arrival/Dismissal Reports
Introduction
This report will help your school plan safe transportation options for all students. It contains the results of a survey conducted at Revere - Ramsey Marsh Academy from June 2012 to June 2013. Participating parents provided information about how their travel to school and their approximate home locations.

If your school is interested in:
- reducing traffic congestion,
- encouraging walking and biking,
- increasing safety, or
- tracking progress towards community goals,
then this information can help you identify strategies and best opportunities for new project investments.

How to Read This Report
This report measures distance to school for walkshed and bikeshed. Walkshed includes homes within a certain distance to school, mapped sidewalks, pedestrian paths, and roadsides. We define walkshed for 0.5 mile walking distances to school. A bikeshed includes multi-use paths and facilities, where mapped. For a map of walksheds and bikesheds, see the back cover of the report. Where walkshed is used also includes the bikeshed of the same distance.

Student Proximity
- Average Distance to School: 0.5 mile
- Within 0.5 Mile Walkshed: 10%
- Within 1.0 Mile Walkshed: 10%
- Within 2.0 Mile Walkshed: 100%

The chart and tables below show how the number of students who are resident and the number of students who walked to school are measured. The proportion of surveyed students who walked to school and grade is proportional to the enrolled students within such walkshed and grade.

Walk share is 12.2% in the morning and 20.2% in the afternoon. The rate is higher in the morning, indicating that as many as 48% of those who are driven to school in the morning get home by other means in the afternoon.

Table 1: Surveyed and Estimated Total Students by Walkshed
| Grade | Pre-K | K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Total |
|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Analysis | 0 | 60 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 666 |

Table 2: Estimated Trips by Grade, Walkshed, and Time of Day, Revere - Ramsey Marsh Academy
<table>
<thead>
<tr>
<th>Time of Day</th>
<th>AM</th>
<th>PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning</td>
<td>13</td>
<td>12</td>
</tr>
<tr>
<td>Afternoon</td>
<td>12</td>
<td>11</td>
</tr>
</tbody>
</table>

Table 3: Surveyed and Estimated Total Students by Walkshed

Table 4: Estimated Trips by Mode, Walkshed, and Time of Day, Revere - Ramsey Marsh Academy
<table>
<thead>
<tr>
<th>Mode</th>
<th>Morning</th>
<th>Afternoon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walk</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Bike</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Car</td>
<td>90</td>
<td>90</td>
</tr>
</tbody>
</table>

MassDOT
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Equity

- English Language Learners
- **Urban AND Rural Communities** and School Choice
- Students of All Abilities
Engineering

Infrastructure
- Mapping
- No Idling
- Safety Enhancements
- M.U.T.C.D. Signage

Non-infrastructure
- Task Force Formation
Parents are not **IN** Traffic, Parents **ARE** the Traffic
School vs. Municipal Governance

- **School Principals** are the school property managers
- **School Facilities** manages general landscaping, housekeeping, and school snow maintenance
- **Town budget** includes planned school capital maintenance projects as well as the School Budget
- **Police** can *only* enforce MUTCD posted signage, namely school handicapped parking and fire lane violations
  
  - **Public Works** manages municipal streets, sidewalks, drainage, public landscaping, and snow removal
  - **Public Safety** manages fire, police, and emergency management as well as crosswalks and street signage
  - **Town Committees/Boards** serve as local volunteers
Current Worcester Safe Routes Program

- 17/38 schools are partners (most of them inactive)
- Active schools: Belmont Street Community, Woodland Academy, Vernon Hill School
- Strong advocate in regional MPOs
Worcester Action Steps

• Partner all Worcester schools
• Include SRTS in Wellness and Complete Streets policies
• Arrange a stakeholder meeting to best identify:
  ❑ WPS and community needs
  ❑ How Worcester students can benefit from the program
    ❑ Incorporate 2nd grade pedestrian safety into curriculum
For More Information

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