Massachusetts Safe Routes to School

Promoting safe walking & biking to schools
11 years of Massachusetts Safe Routes to School

Who we serve

- 201 communities
- 778 partner schools
- 358,000+ students
- 22 school districts with pedestrian or bicycle safety classes as part of their curriculum

What we do

- 50 summer session events
- 233 pedestrian and bike safety training events in 2016-2017 academic year
- 26 walking assessments of schools around the state
- 2016-2017 academic year
- 712 Walk and Bike to School Events

Program numbers reflect information as of June 16, 2017

 MASSACHUSETTS Safe Routes to School
 Mass.gov/MassDOT/SafeRoutes

massDOT Massachusetts Department of Transportation

211 Congress Street, Suite 210 • Boston, MA • 1.888.COMMUTE • 1.857.368.0656 (FAX) • Mass.gov/MassDOT/SafeRoutes
MA SRTS Model

Commonwealth of Massachusetts
SRTS Partners

Legend
- SRTS Partners
- Municipal Boundary
- Neighboring State
- Water

massDOT
Massachusetts Department of Transportation
Program Overview

• Education
• Encouragement
• Enforcement
• Evaluation
• Engineering
• Equity
Education

- Pedestrian Safety
- Bicycle Safety
- Bike Rodeos
- Safety Assemblies

Anna Ware Jackson School, Plainville, Pedestrian Safety
Encouragement

- Walk/Bike to School Days
- Walking School Buses
- Walking Clubs
- Walk Across America

Walk to School Day, Stall Brook Elementary School, Bellingham
Enforcement

- Partnerships with local law enforcement
  - At events
  - Organizing bike rodeos
  - Helmet giveaways

Stoughton PD at the Gibbons School Pedestrian Safety class
Evaluation

• 3-minute survey

• Available in 9 languages

• Online and paper version available

• 6 Questions:
  • Home location
  • Child’s grade
  • Mode to/from school
  • # of vehicles & licensed drivers in household

Trekking Tuesday weekly walking club on the new infrastructure at the Ross School in Braintree.
Introduction

This report will help your school plan safe transportation options for all students. It contains the results of a survey conducted at River - Ramsey Marsh Academy from June 2012 to June 2013. Participating parents provided information about how students 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, this information can help you identify strategies and best practices for new investments.

How to Read This Report

This report measures distance to school by walkshed and bliskeed. A walkshed is defined as homes within a certain distance to school, mapped sidewalks, pedestrian paths, and existing and planned roadways. We define walksheds for 0.1 mile walking distances to school. A 0.1 mile walkshed also includes multi-use paths and facilities, where mapped. For a map of walksheds and bliskeeds, see the back cover of this report. Where “walkshed” is used also includes the bliskeed of the same distance.

Student Proximity

- Average School to School: 1.8 miles
- Within 1.0 Mile Walked: 19%
- Within 2.0 Mile Walked: 50%

The charts below show the number of students surveyed and the total estimated students by walkshed. Student results by walkshed are expressed assuming that the proportion of surveyed students within each walkshed and grade is proportionate to the enrolled students within each walkshed and grade.

Walk share is 17.7% in the morning and 28.8% in the afternoon. The auto share is lower in the afternoon, indicating that many students who bike or walk to school do not return by the same mode in the afternoon.

Table 1: Surveyed and Estimated Total Students by Walkshed

<table>
<thead>
<tr>
<th>Walkshed</th>
<th>Surveyed</th>
<th>Estimated</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>5</td>
<td>19%</td>
</tr>
<tr>
<td>0.2</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td>0.3</td>
<td>5</td>
<td>16%</td>
</tr>
<tr>
<td>0.4</td>
<td>4</td>
<td>16%</td>
</tr>
<tr>
<td>0.5</td>
<td>5</td>
<td>13%</td>
</tr>
<tr>
<td>0.6</td>
<td>4</td>
<td>16%</td>
</tr>
</tbody>
</table>

Table 2: Estimated trips by mode, walked, and time of day.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Morning</th>
<th>Afternoon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>55</td>
<td>11</td>
</tr>
<tr>
<td>Walk</td>
<td>40</td>
<td>17</td>
</tr>
<tr>
<td>School Bus</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Auto</td>
<td>83</td>
<td>43</td>
</tr>
</tbody>
</table>

Table 2: Estimated trips by mode, walked, and time of day.
Parent Survey Results

Norton Middle School

LG Nourse
Parent Survey Results (cont.)

J C Solmonese

Henri A. Yelle
Engineering

Before

After

Canton—Hansen Elementary School

Lowell—Christa McAuliffe School

Chelsea—Wright & Browne Middle School
Equity

• English Language Learners

• Inclusion of students with disabilities

Teaticket Elementary, Falmouth, Bike Safety
What’s Next...

• Incorporation of Pedestrian and Bike Safety Programs into schools

• Middle School Program

• Discuss parent survey results to incorporate walking routes to schools.

Thacher School, 10 Year Anniversary Walk in Attleboro, MA
Questions?

Nikki Tishler
MassDOT Safe Routes to School Coordinator
Nicole.Tishler@dot.state.ma.us
857-368-8882

Moss Lynch
School Outreach Coordinator
Moss.Lynch@dot.state.ma.us
857-383-3818