

SafeRoutes

National Center for Safe Routes to School

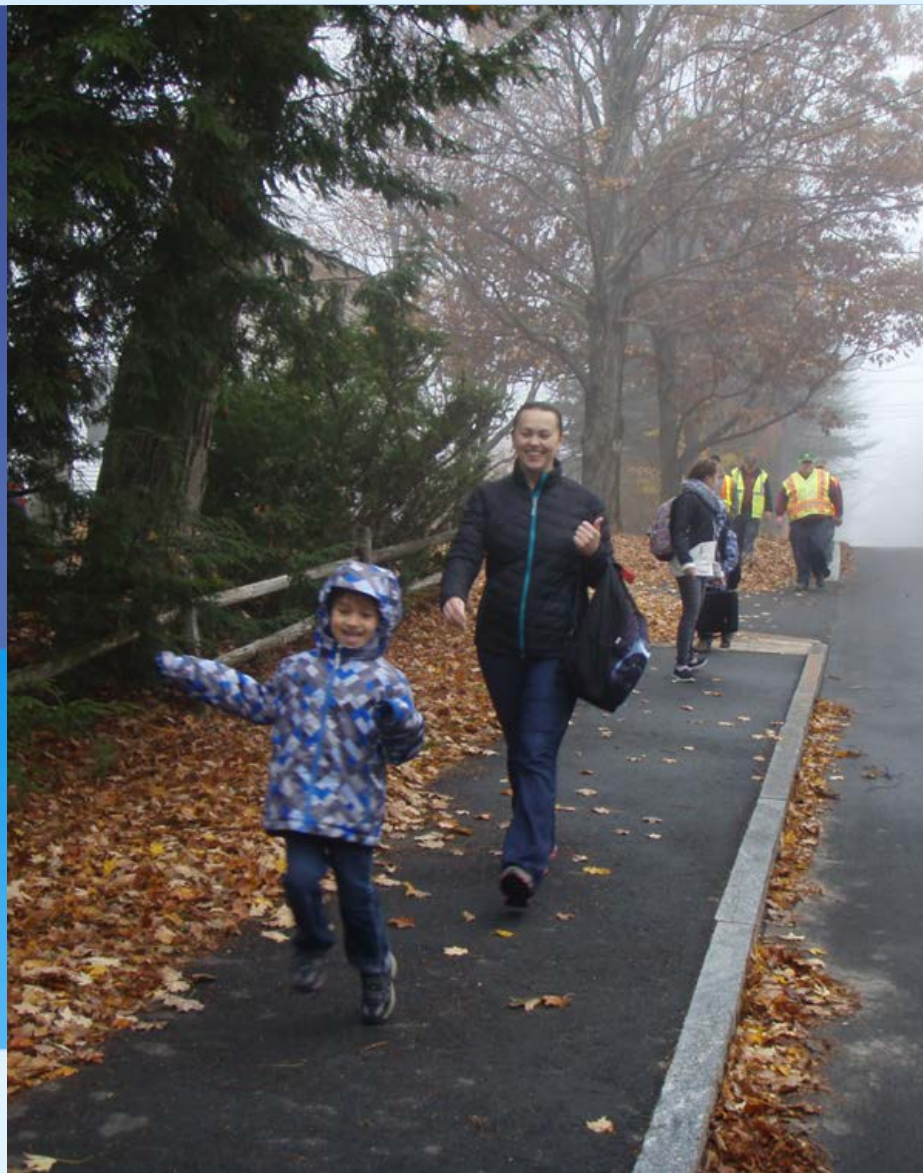


The National Center's Data System: Improvements Ahead

Seth LaJeunesse

Harnessing the Power of Data to Support Kids Walking and Biking Webinar

July 27, 2016



The National Center's Data System

Developed in 2007
through an agreement
with FHWA

Purpose: Provide a
centralized and
standardized means
of monitoring school
travel patterns and
parents' perceptions
about active school
travel

The screenshot shows the login page for the SafeRoutes National Center for Safe Routes to School Data Collection System. The page features the SafeRoutes logo at the top, which includes the text 'SafeRoutes' in green and 'National Center for Safe Routes to School' in blue. Below the logo are three icons: a person walking, a person on a bicycle, and a green 'S' with an arrow. The page is divided into two main sections: 'Login for Returning Users' and 'New Users'. The 'Login for Returning Users' section has input fields for 'Email' and 'Password', and a green 'Log In' button. The 'New Users' section has input fields for 'First Name', 'Last Name', 'Email', and 'Phone'.

SafeRoutes
National Center for Safe Routes to School

Safe Routes to School Data Collection System

Welcome to the National Center for Safe Routes to School's e...

For information on the changes, please see the list of [New Features document](#). For additional information, please see the [Navigating the Data System document](#). If you have any questions, please email our staff. Our staff will return your email within 24 business hours. We hope you enjoy our system's changes.

Welcome to the National Center for Safe Routes to School's online tracking system for local and regional SRTS champions to enter and view data collected using the standardized Student Travel Data Collection System.

To enter your SRTS data, please create a New User account or log in if you are a returning user.

Login for Returning Users	New Users
<input type="text" value="Email"/>	<input type="text" value="First Name"/>
<input type="text" value="Password"/>	<input type="text" value="Last Name"/>
<input type="button" value="Log In"/>	<input type="text" value="Email"/>
	<input type="text" value="Phone"/>

Data Collection Instruments

Parent Survey

Parent Survey About Walking and Biking to School

Dear Parent or Caregiver,
Your child's school wants to learn your thoughts about children walking and biking to school. This survey will take about 5 - 10 minutes to complete. We ask that each family complete only one survey per school your children attend. If more than one child from a school brings a survey home, please fill out the survey for the child with the next birthday from today's date.

After you have completed this survey, send it back to the school with your child or give it to the teacher. Your responses will be kept confidential and neither your name nor your child's name will be associated with any results.
Thank you for participating in this survey!

+ CAPITAL LETTERS ONLY – BLUE OR BLACK INK ONLY +

School Name:

1. What is the grade of the child who brought home this survey? Grade (PK,K,1,2,3...)

2. Is the child who brought home this survey male or female? Male Female

3. How many children do you have in Kindergarten through 8th grade?

4. What is the street intersection nearest your home? (Provide the names of two intersecting streets)
 and

Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box.

5. How far does your child live from school?
 Less than ¼ mile ½ mile up to 1 mile More than 2 miles
 ¼ mile up to ½ mile 1 mile up to 2 miles Don't know

Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box.

6. On most days, how does your child arrive and leave for school? (Select one choice per column, mark box with X)

Arrive at school	Leave from school
<input type="checkbox"/> Walk	<input type="checkbox"/> Walk
<input type="checkbox"/> Bike	<input type="checkbox"/> Bike
<input type="checkbox"/> School Bus	<input type="checkbox"/> School Bus
<input type="checkbox"/> Family vehicle (only children in your family)	<input type="checkbox"/> Family vehicle (only children in your family)
<input type="checkbox"/> Carpool (Children from other families)	<input type="checkbox"/> Carpool (Children from other families)
<input type="checkbox"/> Transit (city bus, subway, etc.)	<input type="checkbox"/> Transit (city bus, subway, etc.)
<input type="checkbox"/> Other (skateboard, scooter, inline skates, etc.)	<input type="checkbox"/> Other (skateboard, scooter, inline skates, etc.)

+ Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box +

7. How long does it normally take your child to get to/from school? (Select one choice per column, mark box with X)

Travel time to school	Travel time from school
<input type="checkbox"/> Less than 5 minutes	<input type="checkbox"/> Less than 5 minutes
<input type="checkbox"/> 5 – 10 minutes	<input type="checkbox"/> 5 – 10 minutes
<input type="checkbox"/> 11 – 20 minutes	<input type="checkbox"/> 11 – 20 minutes
<input type="checkbox"/> More than 20 minutes	<input type="checkbox"/> More than 20 minutes
<input type="checkbox"/> Don't know / Not sure	<input type="checkbox"/> Don't know / Not sure

+ +

Student Travel Tally

Safe Routes to School Students Arrival and Departure Tally Sheet

+ CAPITAL LETTERS ONLY – BLUE OR BLACK INK ONLY +

School Name: Teacher's First Name: Teacher's Last Name:

Grade: (PK,K,1,2,3...) Monday's Date (Week count was conducted) Number of Students Enrolled in Class:

0 2 H H D D Y Y Y Y 1 5

• Please conduct these counts on two of the following three days Tuesday, Wednesday, or Thursday. (Three days would provide better data if counted)
 • Please do not conduct these counts on Mondays or Fridays.
 • Before asking your students to raise their hands, please read through all possible answer choices so they will know their choices. Each Student may only answer once.
 • Ask your students as a group the question "How did you arrive at school today?"
 • Then, reread each answer choice and record the number of students that raised their hands for each. Place just one character or number in each box.
 • Follow the same procedure for the question "How do you plan to leave for home after school?"
 • You can conduct the counts once per day but during the count please ask students both the school arrival and departure questions.
 • Please conduct this count regardless of weather conditions (i.e., ask these questions on rainy days, too).

Step 1. Fill in the weather conditions and number of students in each class
Step 2. AM – "How did you arrive at school today?" Record the number of hands for each answer.
 PM – "How do you plan to leave for home after school?" Record the number of hands for each answer.

Key	Weather		Student Tally	Walk	Bike	School Bus	Family Vehicle	Carpool	Transit	Other
	S = sunny	R = rainy	Number in class when count made				Only with children from your family	Riding with children from other families	City bus, subway, etc.	Skate-board, scooter, etc.
Sample AM	S	N	20	2	3	8	3		3	1
Sample PM	R		19	3	3	8	1	2	2	
Tues. AM										
Tues. PM										
Wed. AM										
Wed. PM										
Thurs. AM										
Thurs. PM										

Please list any disruptions to these counts or any unusual travel conditions to/from the school on the days of the tally.

+ +

Use of Data System to Date

As of July 2015, SRTS data system had:

- **1.4 million** parent surveys
- **317,000** travel tallies
- from **14,000** schools

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Login for Returning Users

Email

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Log In

New Users

First Name

Last Name

Email

Phone

Openness of the Data System

- Open to anyone who signs up at saferoutesdata.org

Welcome, Seth Laje

SafeRoutes

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Safe Routes to School Data Collection System



Schools

Search for a School

Search for schools that are already collecting student travel tallies and parent surveys. If a school you're interested in hasn't begun collecting data yet for this school.

School:

School Group:

School District:

City:

*State:


Zip Code:

Show Schools

Openness of the Data System

- Can see any school's data collection activity

Welcome, Seth Laj



Safe Routes to School Data Collection System

Home Schools

Search School Results


The following is a list of 1 schools that meet your search criteria.

School Name	School Group	City	
Ocracoke	ARTS Region 9	Ocracoke	Tally Set Survey Set

Openness of the Data System

- Including which forms they used, when they used them and how many they collected

Welcome, Seth Lajeu



Safe Routes to School Data Collection System

Home Schools

My Parent Surveys - Ocracoke

School Name	School Group	City	Date Collected	# of Surveys	Survey Detail
Ocracoke	ARTS Region 9	Ocracoke	September 2014	102	

Done

Openness of the Data System

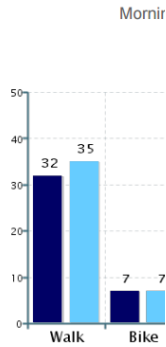
- Under agreement with FHWA, data in system are owned by state DOTs
- Users create data accounts and allow others to view, edit, and download reports

Data System Reports

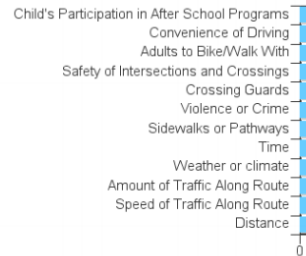
■ Reports like these

School Name: Cycle Track Elementary Set ID: 10173
 School Group: UNC HSRC Month and Year Collected: September 2012
 School Enrollment: 500 Date Report Generated: 07/12/2016
 % of Students reached by SRTS activities: 51-75% Tags: ADA improvements - install or improve, Pled
 Number of Classrooms Included in Report: 5

This report contains information from your school's classrooms about students' trip to and from school. The data reported were collected using the In-class Student Travel Tally questionnaire from the National Center for Safe Routes to School.



Issues reported to affect the decision to ride to school by parents of children who do not walk or bike to school

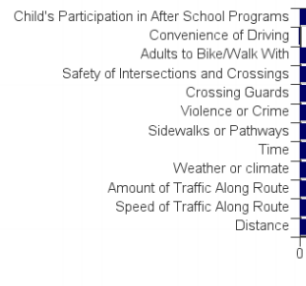


Morning

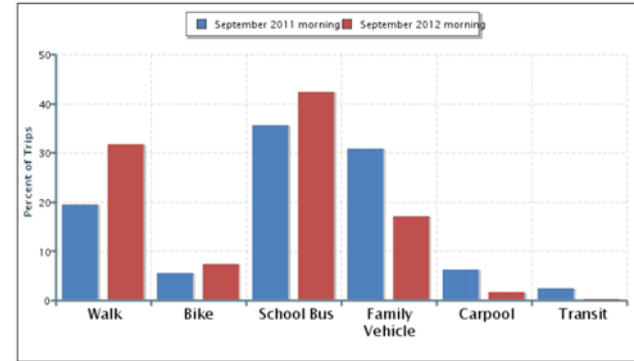
	Number of Trips
Morning	233
Afternoon	229

Percentages may not total 100% due to rounding.

Issues reported to affect the decision to ride to school by parents of children who do not walk or bike to school



School Morning Arrival Travel Mode Comparison



School Morning Arrival Travel Mode Comparison

	Number of Trips	Walk	Bike	School Bus	Family Vehicle	Carpool	Transit
Time 1: September 2011 morning	253	19%	6%	36%	31%	6%	2%
Time 2: September 2012 morning	234	32%	7%	42%	17%	2%	0%

Other category not included. Percentages may not total 100% due to rounding.

Walk/Bike

There was a statistically significant increase in the percentage of students who arrived at school by walking or biking between Time 1 and Time 2.

Family Vehicle/Carpool

There was a statistically significant decrease in the percentage of students who arrived at school by family vehicle or carpool between Time 1 and Time 2.

What's Next for the Data System?

- Two main improvements:
 1. Going Paperless
 2. Going Mobile-friendly



What will Stay the Same?

- Paper forms will still be available
- The National Center will continue to process paper forms **until November 15**. Thereafter, users will have to enter in paper forms via saferoutesdata.org



How will the Data System Change?

- Introduction of **“self-service” online parent survey**
- Introduction of **online classroom tally**
- Creation of **mobile friendly** online data entry, making it easier than ever to enter paper forms into saferoutesdata.org

Thank you!

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National Center for Safe Routes to school

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