

# Data collection for planning Safe Routes to School programs

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Alexis Kelso, Safe Routes Coordinator  
WALKSacramento

# Key information to collect

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- Numbers of students walking and biking
- Parent concerns
- Enrollment information
- Crash and injury data
- Existing plans
- Infrastructure barriers

# Numbers of students walking and biking – In-class student tallies

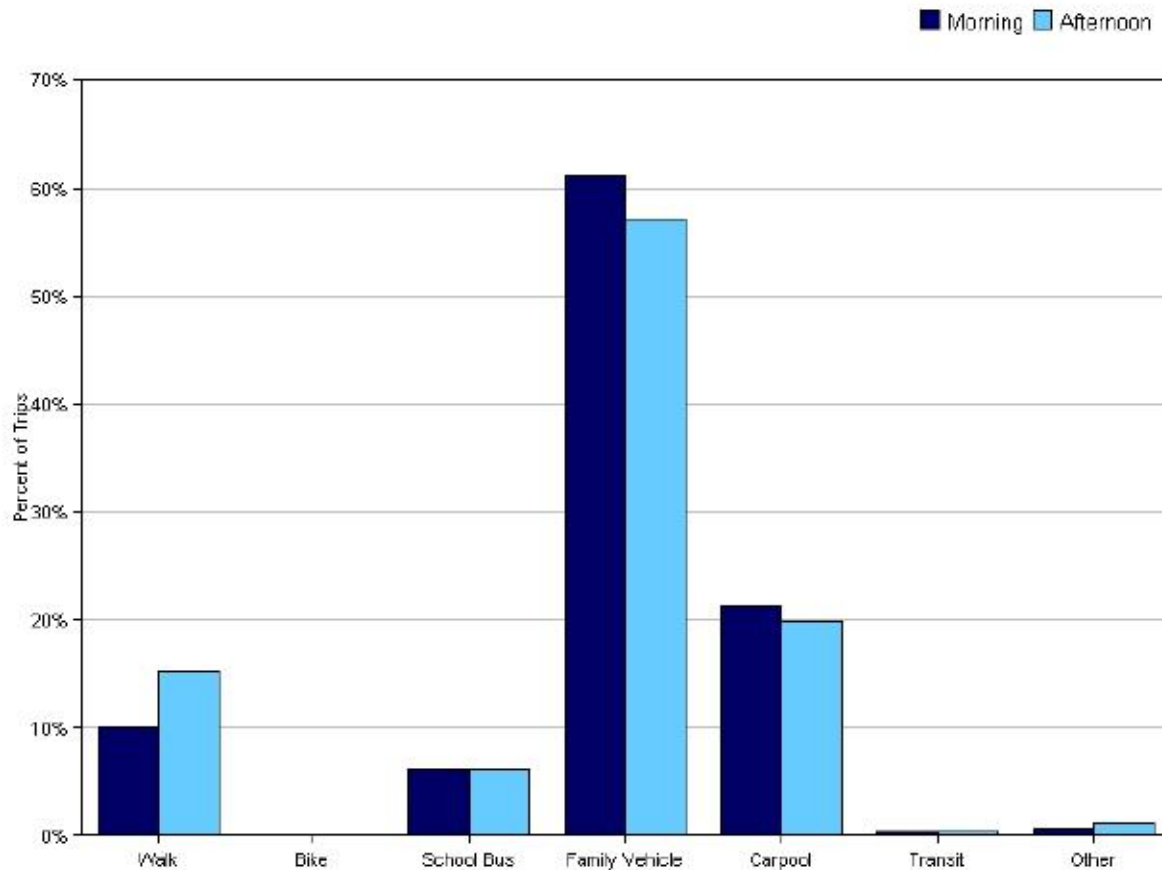
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- Forms are available online from the National Center for Safe Routes to School
- Used to determine how students are currently getting to and leaving school
- Conducted by teachers through a show of students' hands
- Results are entered into a database on [saferoutesdata.org](http://saferoutesdata.org)
- Reports are automatically generated

# Numbers of students walking and biking – In-class student tallies

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Morning and Afternoon Travel Mode Comparison



# Parent concerns - Parent surveys

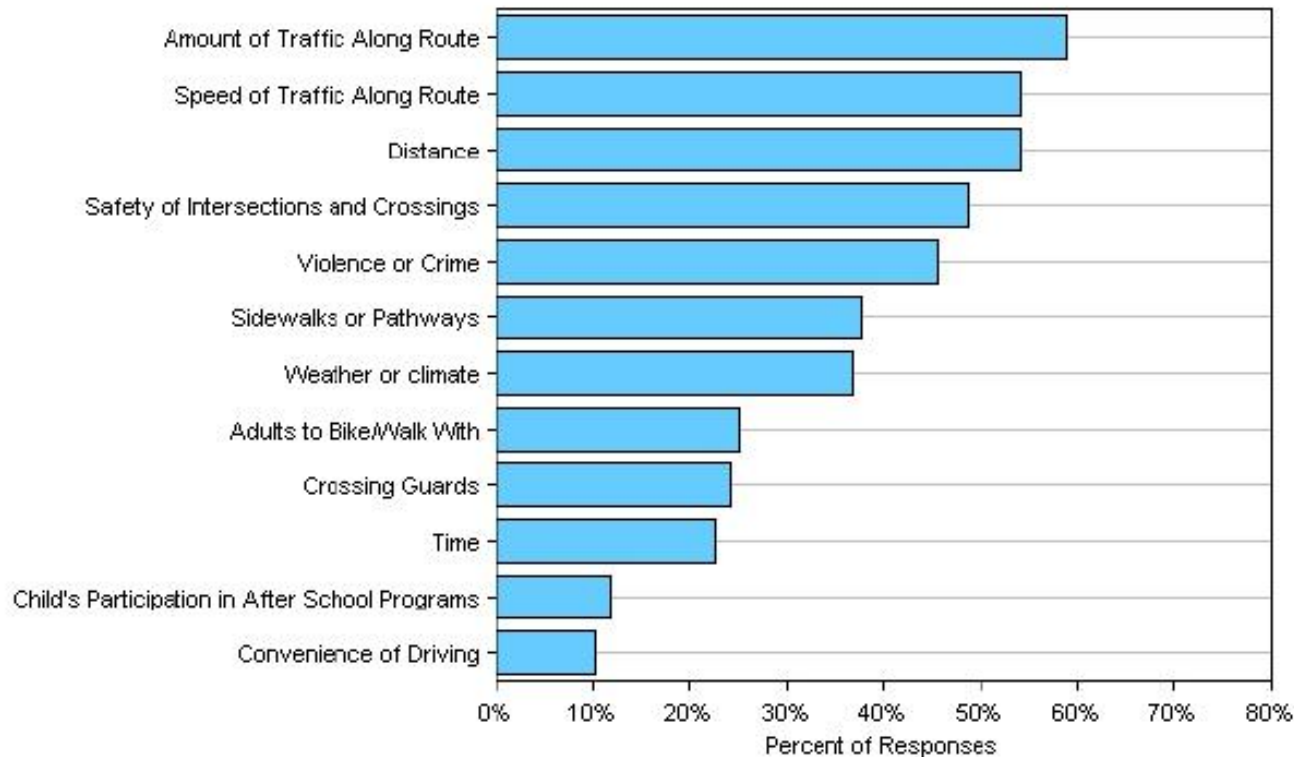
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- Forms are available online from the National Center for Safe Routes to School
- Used to determine parent concerns toward walking and biking to school
- Surveys are sent home with students
- Results are entered into a database on [saferoutesdata.org](http://saferoutesdata.org)
- Reports are automatically generated

# Parent concerns - Parent surveys

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**Issues reported to affect the decision to not allow a child to walk or bike to/from school by parents of children who do not walk or bike to/from school**



# Why should you conduct tallies and surveys?

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- The number of students walking and biking to school is required information for SRTS grant applications
- In-class tallies and parent surveys using the National Center's forms and database are requirements of pre- and post-project evaluation for SRTS grants.

# Enrollment information

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- Number of students enrolled and the percentage of students eligible for the Free and Reduced Price Meals Program at a school are required in SRTS grant applications.
- The number of students living within two-miles of school is required in SRTS grant applications.
  - Mapping student residences can help identify routes for walk audits, priority infrastructure improvements, walking school buses routes, or park-and-walk locations.

# Crash and injury data

- Transportation Injury Mapping System (TIMS)
- Geospatial PDF maps for all cities and counties in California
- Schools, pedestrian and bicycle collisions 2006-2008
- [tims.berkeley.edu/resources/srts/main.php](http://tims.berkeley.edu/resources/srts/main.php)

# Crash and injury data – TIMS

The screenshot displays the Adobe Reader interface for a PDF document titled "Sacramento\_MapN.pdf". The main content is a map of Sacramento, California, showing various streets and school districts. Several data points are overlaid on the map: blue stars, pink circles, and a yellow star. A red arrow points to the yellow star, which is enclosed in a red box. The Model Tree on the left lists several schools, with "Sacramento County SH Special Edu" circled in red. Below the Model Tree is a table with property and value columns, also enclosed in a red box.

Property	Value
City	Mather
County	Sacrame
District	Sacrame
CDS Code	3410348
Collision Count within 1/2 Mile	2
Direct Funded Charter School Number	
Low Grade	03
High Grade	10
October 2008 Enrollment	220
October 2008 Free Meals	84
October 2008 Reduced Price Meal	32
October 2008 Total FRPM	116
October 2008 Percent FRPM	52.72727
Funding Cycle(s)	
Funded Agencies	
Funding Cycle (NI)	
Funding Agency (NI)	

# Crash and injury data – TIMS

The screenshot shows the Adobe Reader interface with a map of Sacramento. The map displays various crash data points: blue stars, pink circles, and a yellow star. A red box highlights a table of properties and values for a specific crash case. A red arrow points to a specific data point on the map.

Property	Value
caseid	4047061
Year	2008
DAYWEEK	2
CRASHSEV	4
VIOLCAT	12
KILLED	0
month	11
CRASHTYP	D
INVOLVE	C
PED	F
PRIMARY	MATHER BL
SECOND	BLECKELY ST
DISTANCE	0
DIRECT	
INTERSECT	Y
PROCDATE	20090612
JURIS	3400
DATE	20081104
TIME	1406
BADGE	1453
JURDIST	RC

See TIMS SWITRS Resource page for codes

# Existing plans for proposed roadway projects

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- Needed improvements may have already been identified for future funding. Check the Pedestrian Master Plan and Bicycle Master Plan.
- View the status of current projects on the SacDOT website.
  - <http://www.msa2.saccounty.net/transportation/Pages/projects.aspx>

Alexis Kelso

[akelso@walksacramento.org](mailto:akelso@walksacramento.org)

(916) 446-9255