

Cupertino Safe Routes to School

Fall 2023 Student Transportation Survey Results



CUPERTINO

Survey Purpose

- Cupertino Safe Routes to School has been collecting data on how students travel to and from school since the fall of 2015. This data helps us to better understand citywide student transportation trends across all grade levels.
- This data is collected using an in-class survey. Teachers ask their students how they are traveling to and from school and mark their responses on a Travel Tally Questionnaire developed by the National Safe Routes to School Partnership.
- The information that we collect is used to inform program decision-making and provide data for grant proposals.
- This report summarizes the findings from our most recent fall 2023 survey, conducted October 16 – November 3, 2023.

Survey History

- The Cupertino student transportation survey was first conducted in Fall 2015 for a subset of schools. The remaining schools were added in Spring 2016.
- Since no students traveled to school during the COVID-19 pandemic, no survey was conducted for three periods: Spring 2019, Fall 2020, and Spring 2020.
- The survey changed from bi-annual (Spring and Fall) to annual (Fall only) in 2021.
- Teacher responses have historically been recorded on a paper form. 2022 was the first year an on-line form was offered. Approximately half the schools choose the on-line form.
- Regnart Elementary School was closed in June 2022 and is not included in later surveys.

Fall 2023 Travel Modes

Fall 2023	Response Rate	Walk	Bike	Other	School Bus	Carpool	Transit	Family Vehicle	Alternative Travel
Elementary Schools	89%	26%	4%	2%	1%	10%	0%	56%	44%
Middle Schools	75%	18%	12%	2%	0%	13%	0%	54%	46%
High Schools	35%	20%	15%	1%	1%	7%	3%	54%	46%
Citywide	60%	22%	9%	2%	1%	10%	1%	55%	45%

* Total alternative travel = all travel modes excluding family vehicle

Data in this report may not equal 100% due to rounding.

Cupertino Schools

Overview

Key Observations and Takeaways:

Almost half of Cupertino students commute by some method other than family car

Most popular alternative transportation mode is walking, with some carpooling and biking

High school response rates are low, use data with care

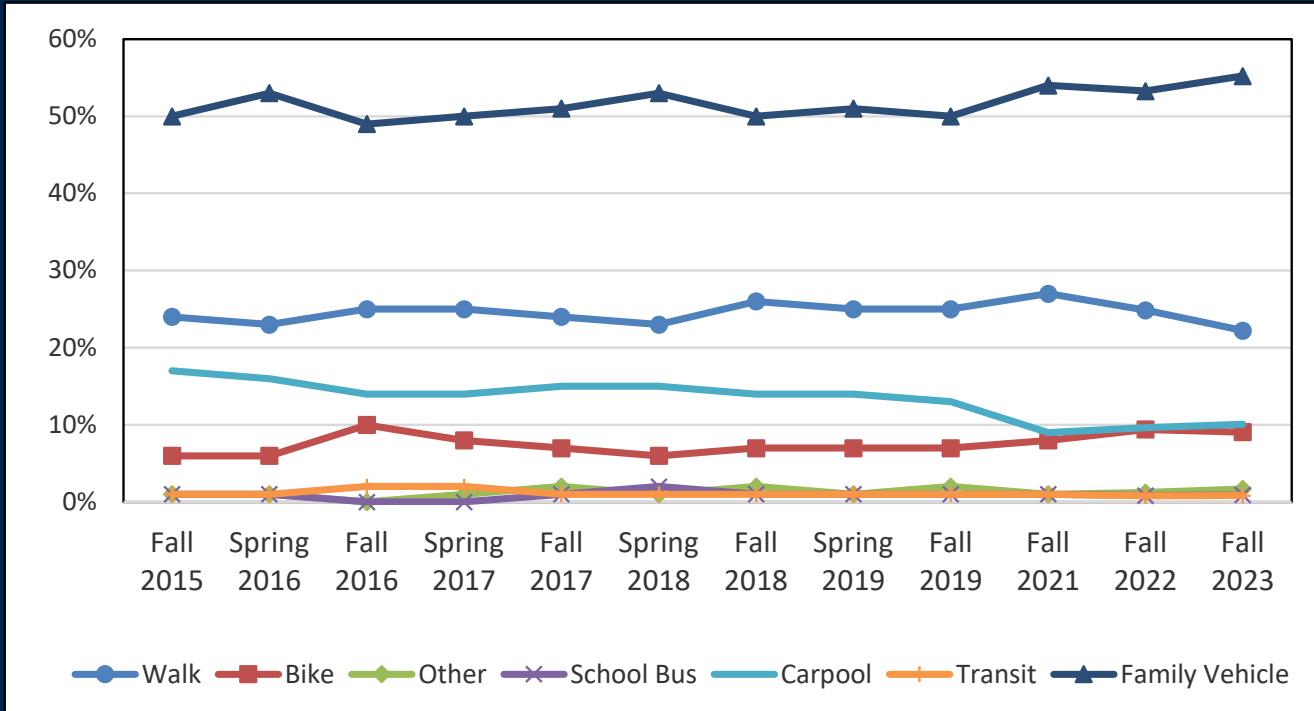
Historical Citywide Student Transportation Rates

Year	Response Rate	Walk	Bike	Other	School Bus	Carpool	Transit	Family Vehicle	Total Alternative Travel
Fall 2015		24%	6%	1%	1%	17%	1%	50%	50%
Spring 2016		23%	6%	1%	1%	16%	1%	53%	47%
Fall 2016		25%	10%	0%	0%	14%	2%	49%	51%
Spring 2017		25%	8%	1%	0%	14%	2%	50%	50%
Fall 2017		24%	7%	2%	1%	15%	1%	51%	49%
Spring 2018		23%	6%	1%	2%	15%	1%	53%	47%
Fall 2018	56%	26%	7%	2%	1%	14%	1%	50%	50%
Spring 2019	55%	25%	7%	1%	1%	14%	1%	51%	49%
Fall 2019	65%	25%	7%	2%	1%	13%	1%	50%	50%
Fall 2021	65%	27%	8%	1%	1%	9%	1%	54%	46%
Fall 2022	57%	25%	9%	1%	1%	10%	1%	53%	47%
Fall 2023	60%	22%	9%	2%	1%	10%	1%	55%	45%

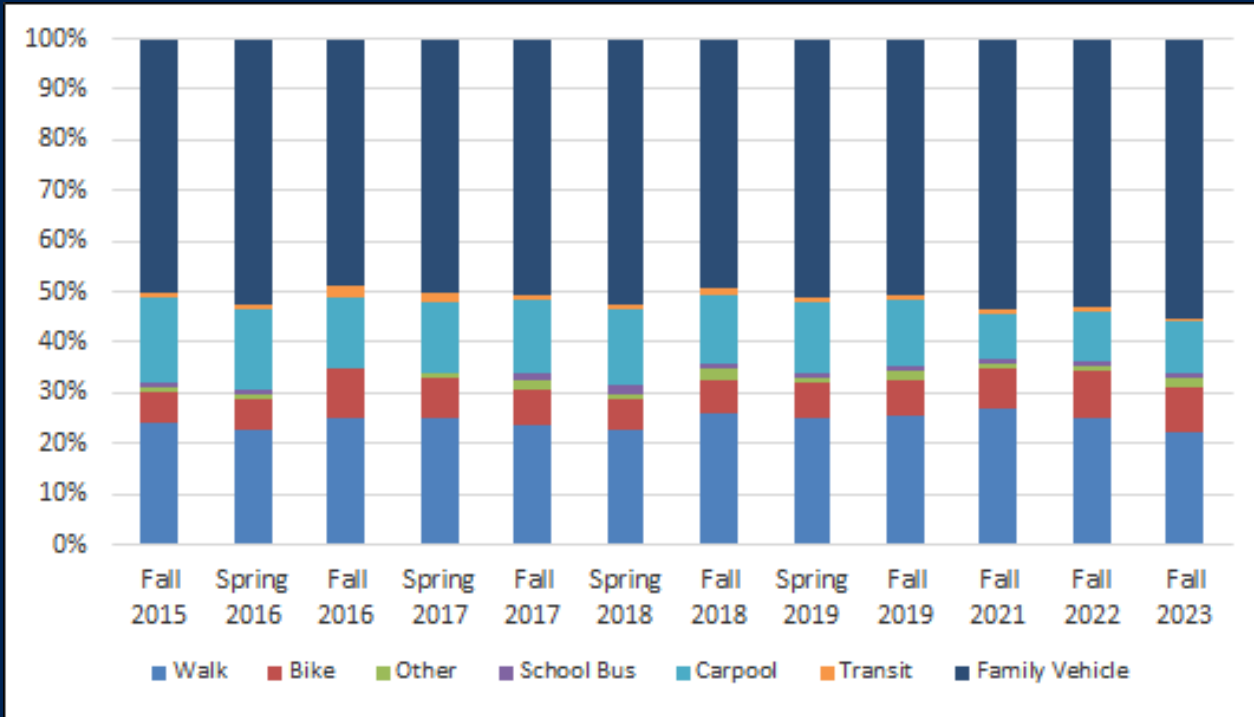
Total alternative travel = all travel modes excluding family vehicle

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Historical Citywide Student Transportation Rates



Historical Citywide Student Transportation Rates



Cupertino Schools

Historical Comparison

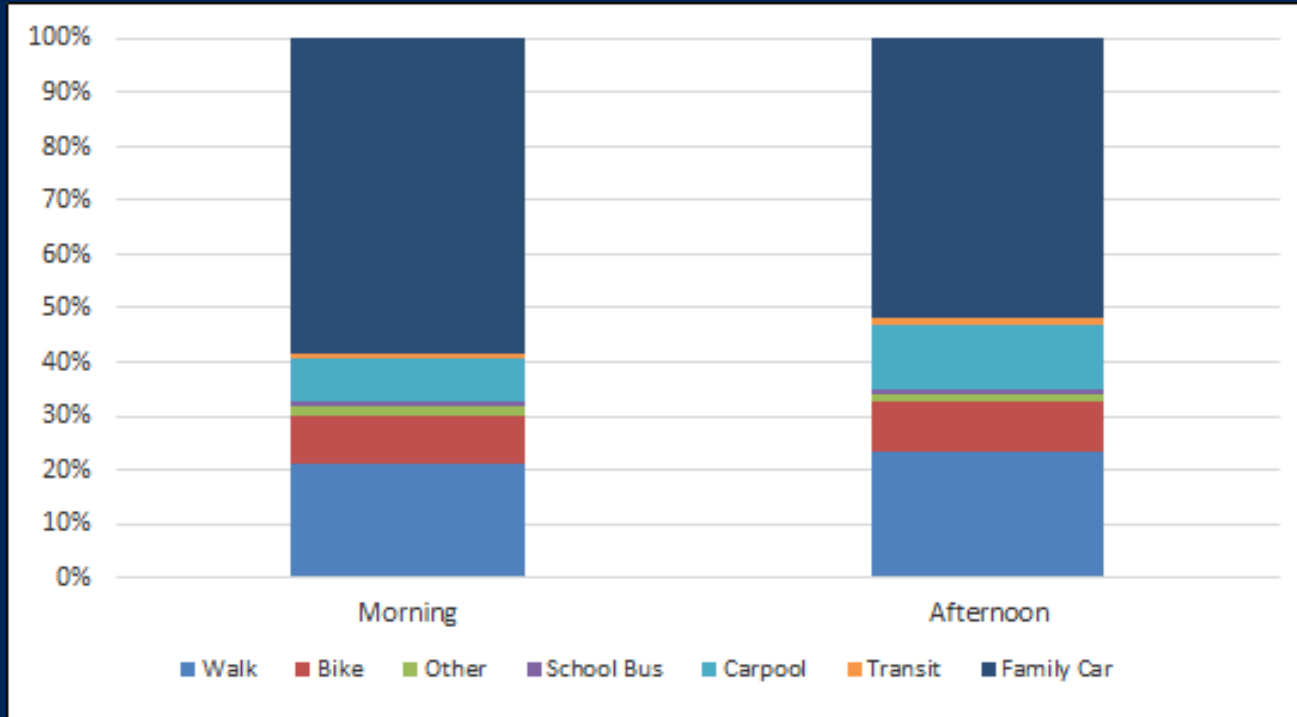
Key Observations and Takeaways:

More students are being driven to school than ever before

Fewer students walked this year than last year

Carpooling remains a popular alternative

Student Transportation Rates by Time of Day



Cupertino Schools

Time of Day Comparison

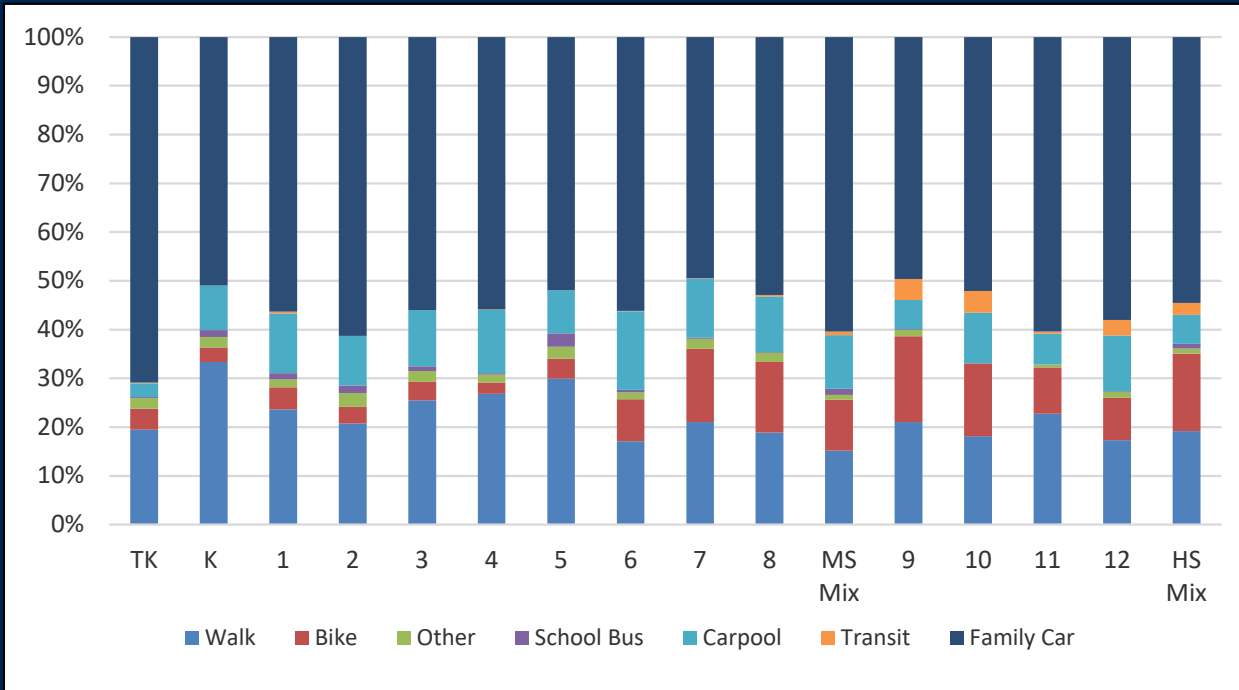
Key Observations and Takeaways:

City-wide, there is an increase in alternative transportation rate in the afternoon (48%) compared to the morning (41%)

This is not an uncommon trend, but it's much stronger this year and this is the first year that it occurs at all schools

At most schools, afternoon carpooling is the biggest component of this mode shift

Student Transportation Rates by Grade



"Mix" denotes classes with students in multiple grades

Cupertino Schools

Grade Comparison

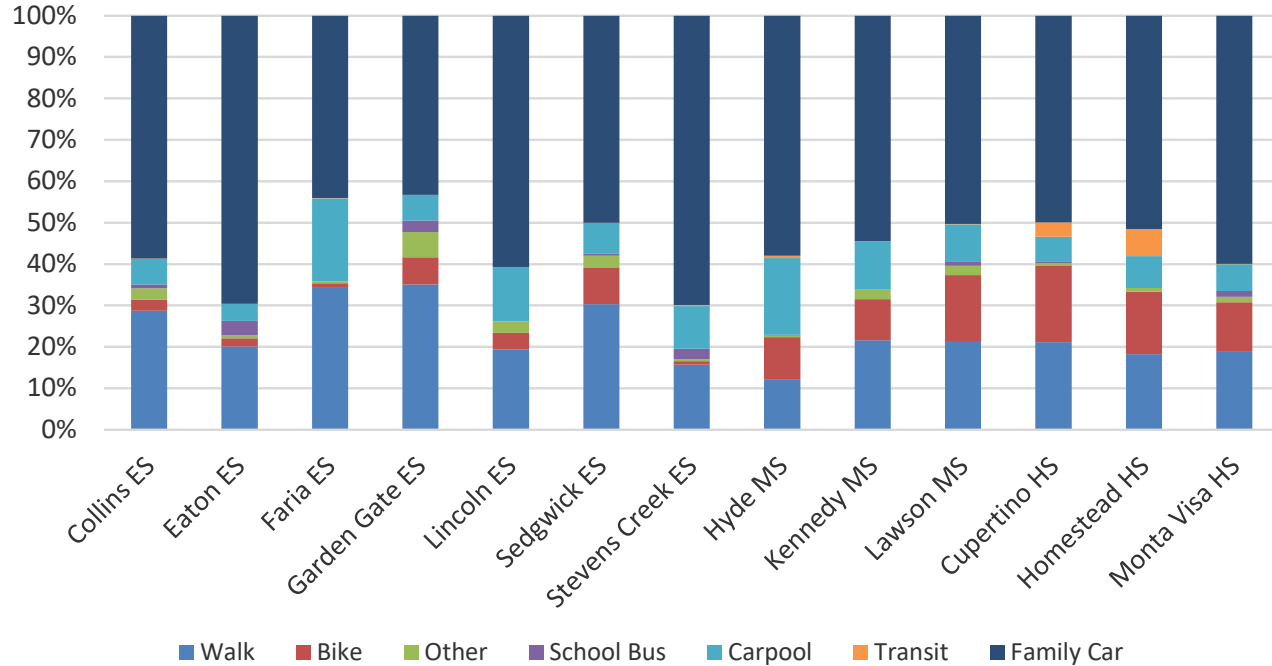
Key Observations and Takeaways:

Elementary schools are local so many walk, especially kindergarteners whose parents must escort them to the school entrance

Middle schoolers travel further and are more independent, so they bike and carpool more

High schoolers commute further and often cross major barriers, so they bike and drive more, with some taking public transit

Student Transportation Rates by School



Cupertino Elementary Schools

Collins

Eaton

Faria

Garden Gate

Lincoln

Sedgwick

Stevens Creek

Key Observations and Takeaways:

Garden Gate has the highest city-wide walk rate at 35% and alternative transportation rate at 57%

Stevens Creek has the highest increase in alternative transportation rate (+6.7%) city-wide, due to increases in walking rate (+2.9%), biking rate (+0.5%) and carpool rate (+3.4%)

The elementary schools have the highest survey response rate

Cupertino Middle Schools

Hyde
Kennedy
Lawson

Key Observations and Takeaways:

Kennedy has the highest middle school walk rate at 22%

Lawson has the highest middle school bike rate at 16%

Hyde's response rate increased 19% (from 65% to 84%), which is the largest increase city-wide

Cupertino High Schools

Cupertino (CHS)

Homestead (HHS)

Monta Vista (MVHS)

Key Observations and Takeaways:

Cupertino High has the highest
citywide biking rate at 19%

Homestead High has the highest
citywide transit rate at 7%

SV Hopper Ridership

Average SV Hopper Rides per Day during Travel Tally Week

School	Drop Off	Pick Up	Total	% Total Population
Cupertino HS	2	5	7	0%
Homestead HS	0.5	0.5	1	0%
Monta Vista HS	11	23	34	1%

Average SV Hopper trip is 1.3 riders so most trips should be reported as “family vehicle”

Monta Vista HS Travel Tally Results

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2022	37%	20%	13%	0%	1%	9%	0%	57%	43%
Fall 2023	49%	19%	12%	1%	1%	7%	0%	60%	40%

Cupertino Safe Routes to School

Fall 2023 Transportation Survey Results

Data



CUPERTINO

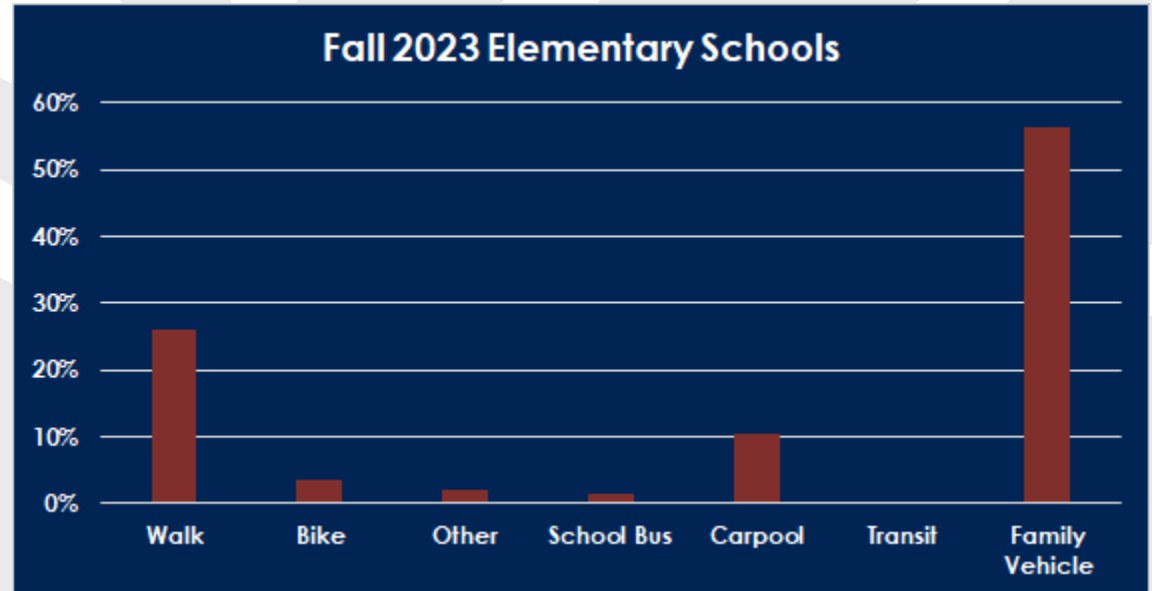
Cupertino Elementary Schools

Collins
Eaton
Faria
Garden Gate
Lincoln
Sedgwick
Stevens Creek

Average elementary school
response rate: 89%

Fall 2023	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alternative Travel
Elementary Schools	26%	4%	2%	1%	10%	0%	56%	44%

Data in this report may not equal 100% due to rounding



Collins Elementary School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		39%	1%	2%	0%	12%	0%	47%	53%
Spring 2016		34%	0%	1%	0%	16%	0%	41%	49%
Fall 2016		35%	0%	1%	0%	20%	2%	42%	48%
Spring 2017		33%	1%	2%	0%	15%	0%	50%	50%
Fall 2017		32%	1%	2%	1%	15%	0%	50%	50%
Spring 2018		31%	1%	3%	1%	13%	0%	52%	48%
Fall 2018	75%	30%	1%	1%	0%	15%	0%	53%	47%
Spring 2019	49%	34%	1%	1%	0%	17%	0%	47%	53%
Fall 2019	90%	31%	2%	1%	0%	13%	0%	53%	47%
Fall 2021	73%	38%	2%	1%	1%	6%	0%	52%	48%
Fall 2022	94%	38%	2%	1%	1%	5%	0%	53%	47%
Fall 2023	73%	29%	3%	3%	1%	6%	0%	59%	41%

Eaton Elementary School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		26%	3%	3%	0%	9%	2%	57%	43%
Spring 2016		23%	3%	1%	0%	11%	3%	59%	41%
Fall 2016		27%	4%	1%	0%	12%	2%	54%	46%
Spring 2017		22%	3%	4%	0%	10%	0%	61%	39%
Fall 2017		25%	4%	2%	0%	10%	0%	59%	41%
Spring 2018		21%	2%	1%	0%	12%	0%	65%	35%
Fall 2018	95%	22%	2%	1%	0%	12%	0%	63%	37%
Spring 2019	92%	19%	1%	1%	0%	13%	0%	65%	35%
Fall 2019	91%	24%	1%	1%	0%	10%	0%	63%	37%
Fall 2021	95%	22%	1%	1%	0%	4%	0%	72%	28%
Fall 2022*	96%	21%	2%	2%	1%	5%	0%	69%	31%
Fall 2023	95%	20%	2%	1%	4%	4%	0%	70%	30%

* Meyerholz closure changed Eaton's school boundaries

Faria Elementary School

Survey Year	Response Rate	Walk	Bike	Bus	Other	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		8%	0%	0%	0%	30%	1%	60%	40%
Spring 2016		5%	0%	0%	0%	33%	0%	61%	39%
Fall 2016		6%	0%	0%	0%	33%	0%	60%	40%
Spring 2017		5%	0%	0%	1%	28%	1%	66%	34%
Fall 2017		6%	0%	0%	0%	34%	0%	58%	42%
Spring 2018		5%	0%	0%	2%	32%	0%	61%	39%
Fall 2018	95%	38%	1%	0%	1%	25%	0%	36%	64%
Spring 2019	77%	41%	0%	0%	1%	22%	0%	36%	64%
Fall 2019	99%	35%	0%	0%	0%	21%	1%	42%	58%
Fall 2021	91%	52%	0%	0%	0%	12%	0%	35%	65%
Fall 2022	93%	39%	1%	0%	1%	21%	0%	39%	61%
Fall 2023	97%	34%	1%	0%	0%	20%	0%	44%	56%

- Dramatic Increase in walking rate starting fall 2018 due to change in how school counted walkers. Faria is an alternative school (not a neighborhood school) which draws students from across the district. Students can live as far as 4.5 miles from school. Teachers counted students as walkers if they were driven to the neighborhood and walked from there. Distance students walked is unknown.

Garden Gate Elementary School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		35%	3%	2%	0%	11%	0%	49%	51%
Spring 2016		31%	2%	2%	0%	14%	0%	52%	48%
Fall 2016		38%	5%	1%	0%	12%	0%	43%	57%
Spring 2017		38%	5%	1%	0%	12%	0%	43%	57%
Fall 2017		36%	5%	2%	0%	10%	0%	47%	53%
Spring 2018		38%	4%	2%	0%	12%	0%	44%	56%
Fall 2018	82%	39%	5%	2%	0%	10%	0%	44%	56%
Spring 2019	80%	35%	3%	2%	0%	13%	1%	48%	52%
Fall 2019	86%	40%	6%	3%	0%	9%	0%	43%	57%
Fall 2021	92%	40%	3%	0%	0%	6%	0%	51%	49%
Fall 2022	75%	37%	7%	3%	2%	7%	0%	46%	54%
Fall 2023	77%	35%	7%	6%	3%	6%	0%	43%	57%

Lincoln Elementary School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		26%	1%	1%	0%	20%	0%	51%	49%
Spring 2016		22%	2%	1%	0%	22%	0%	53%	47%
Fall 2016		23%	2%	1%	0%	16%	4%	53%	47%
Spring 2017		25%	1%	1%	0%	18%	0%	55%	45%
Fall 2017		25%	1%	0%	0%	18%	0%	56%	44%
Spring 2018		22%	1%	1%	2%	17%	0%	57%	43%
Fall 2018	80%	27%	2%	2%	0%	17%	0%	52%	48%
Spring 2019	99%	25%	2%	2%	2%	17%	0%	51%	49%
Fall 2019	90%	27%	3%	1%	2%	17%	0%	51%	49%
Fall 2021	93%	35%	4%	1%	0%	7%	0%	52%	48%
Fall 2022*	95%	25%	5%	2%	0%	11%	0%	57%	43%
Fall 2023	96%	19%	4%	3%	0%	13%	0%	61%	39%

* Regnart closure changed Lincoln's school boundaries

Sedgwick Elementary School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Spring 2016		30%	3%	5%	0%	13%	0%	49%	51%
Fall 2016		27%	7%	7%	0%	12%	1%	46%	54%
Spring 2017		29%	5%	4%	0%	10%	1%	52%	48%
Fall 2017		25%	7%	4%	0%	10%	0%	54%	46%
Spring 2018		27%	7%	3%	0%	11%	0%	52%	48%
Fall 2018		30%	6%	4%	0%	9%	0%	51%	49%
Spring 2019	87%	33%	8%	2%	0%	11%	0%	46%	54%
Fall 2019	87%	29%	9%	3%	0%	11%	0%	48%	52%
Fall 2021	95%	41%*	9%	1%	0%	4%	0%	45%	55%
Fall 2022	84%	35%	7%	3%	0%	8%	0%	48%	52%
Fall 2023	95%	30%	9%	3%	1%	7%	0%	50%	50%

* There was a Walk and Roll Day event on Wednesday of the survey week. Walking rate without Wednesday's data is 35%

Stevens Creek Elementary School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		15%	1%	0%	0%	11%	0%	69%	31%
Spring 2016		11%	0%	0%	0%	12%	0%	71%	29%
Fall 2016		12%	1%	1%	0%	13%	5%	68%	32%
Spring 2017		9%	0%	1%	0%	10%	2%	77%	23%
Fall 2017		16%	1%	2%	7%	10%	0%	64%	36%
Spring 2018		14%	1%	1%	8%	10%	0%	66%	34%
Fall 2018	70%	24%	1%	1%	5%	11%	0%	58%	42%
Spring 2019	76%	15%*	2%	0%	9%	11%	0%	63%	37%
Fall 2019	91%	18%	2%	1%	7%	11%	0%	61%	39%
Fall 2021	78%	17%	1%	0%	0%	9%	0%	74%	26%
Fall 2022	91%	13%	0%	0%	3%	7%	0%	77%	23%
Fall 2023	91%	16%	1%	0%	3%	10%	0%	70%	30%

*Decrease in walking rate possibly due to 4th grade field trip Wednesday morning during the survey period.

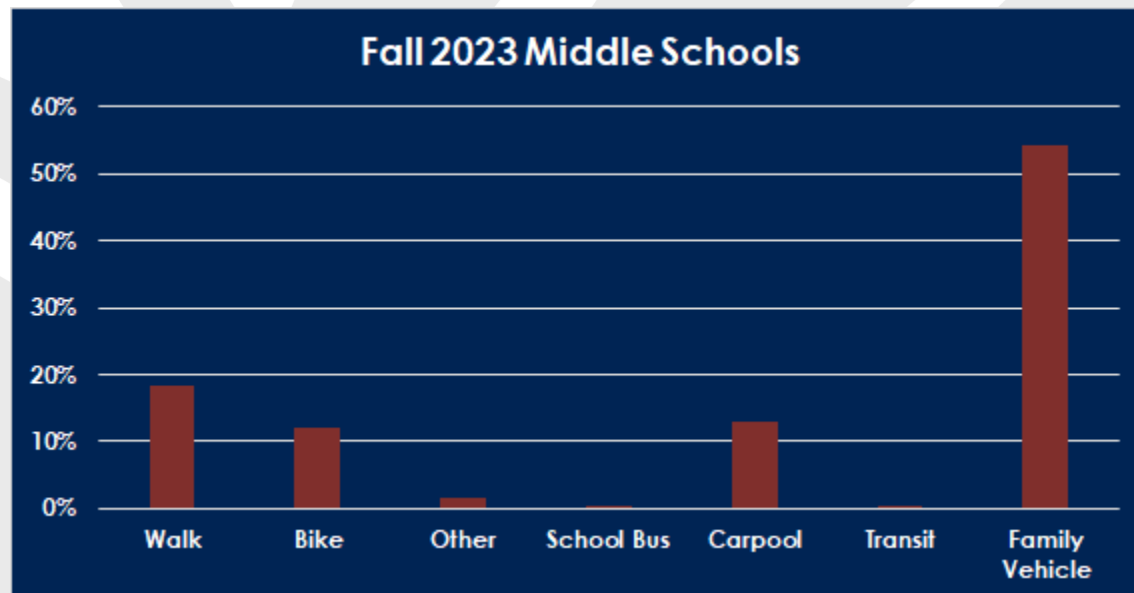
Cupertino Middle Schools

Hyde
Kennedy
Lawson

Average middle school response
rate: 75%

Fall 2023	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alternative Travel
Middle Schools	18%	12%	2%	0%	13%	0%	54%	46%

Data in this report may not equal 100% due to rounding



Hyde Middle School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Spring 2016		13%	9%	1%	0%	22%	1%	55%	45%
Fall 2016		15%	9%	2%	0%	21%	0%	53%	47%
Spring 2017		16%	9%	1%	0%	21%	1%	54%	46%
Fall 2017		14%	8%	2%	1%	19%	0%	56%	44%
Spring 2018		16%	6%	1%	0%	20%	1%	56%	44%
Fall 2018	78%	16%	7%	1%	0%	23%	1%	52%	48%
Spring 2019	59%	16%	6%	1%	0%	21%	2%	54%	46%
Fall 2019	58%	13%	7%	1%	0%	23%	1%	54%	46%
Fall 2021	65%	13%	8%	1%	0%	16%	0%	61%	39%
Fall 2022	65%	12%	10%	0%	0%	18%	1%	59%	41%
Fall 2023	84%	12%	10%	0%	0%	19%	1%	58%	42%

Kennedy Middle School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		27%	8%	1%	0%	24%	0%	38%	60%
Spring 2016		27%	6%	2%	0%	28%	0%	37%	63%
Fall 2016		28%	8%	2%	0%	24%	0%	38%	62%
Spring 2017		26%	6%	2%	0%	25%	0%	40%	59%
Fall 2017		27%	8%	2%	1%	25%	0%	40%	63%
Spring 2018		28%	8%	1%	0%	23%	0%	39%	60%
Fall 2018	70%	27%	8%	2%	1%	18%	0%	43%	56%
Spring 2019	68%	24%	8%	2%	0%	20%	0%	45%	55%
Fall 2019	83%	25%	7%	3%	0%	18%	0%	47%	53%
Fall 2021	84%	25%	9%	3%	0%	13%	0%	50%	50%
Fall 2022	64%	26%	9%	2%	0%	10%	0%	53%	47%
Fall 2023	64%	22%	10%	2%	0%	11%	0%	55%	45%

Lawson Middle School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Spring 2016		30%	3%	5%	0%	13%	0%	49%	51%
Fall 2016		27%	7%	7%	0%	12%	1%	46%	54%
Spring 2017		29%	5%	4%	0%	10%	1%	52%	49%
Fall 2017		29%	8%	2%	0%	14%	1%	46%	54%
Spring 2018		31%	10%	1%	0%	14%	0%	44%	56%
Fall 2018	69%	28%	12%	1%	1%	11%	0%	46%	54%
Spring 2019	75%	29%	9%	1%	1%	11%	0%	49%	51%
Fall 2019	87%	28%	11%	1%	1%	14%	0%	45%	55%
Fall 2021	76%	24%	11%	1%	0%	11%	0%	53%	47%
Fall 2022	73%	26%	17%	2%	2%	8%	0%	45%	55%
Fall 2023	80%	21%	16%	2%	1%	9%	0%	50%	50%

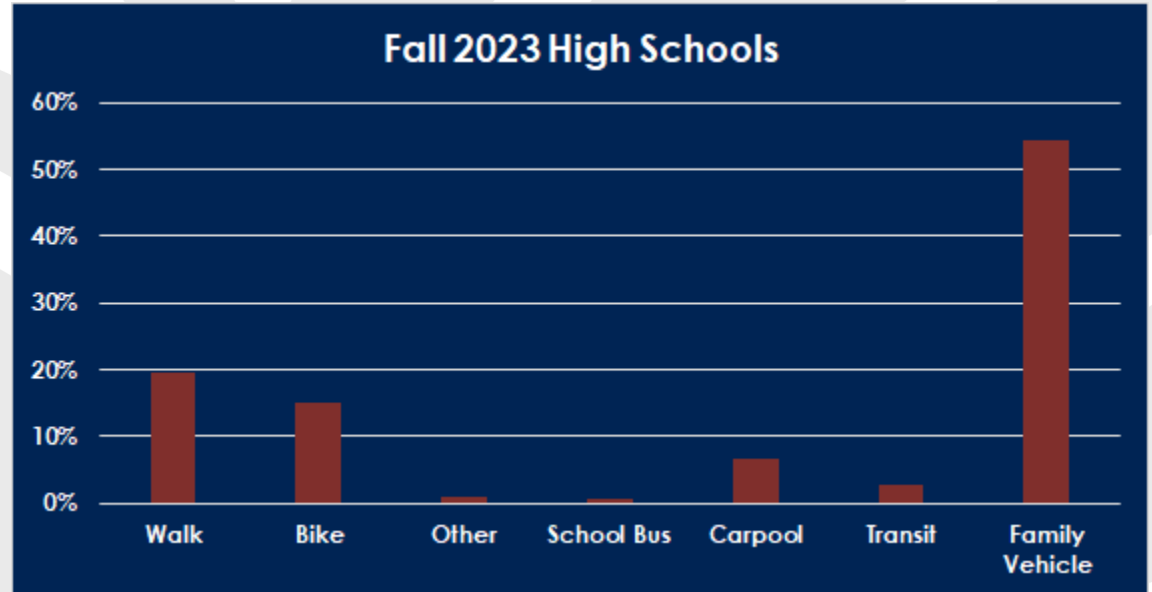
Cupertino High Schools

Cupertino
Homestead
Monta Vista

Average middle school response
rate: 35%

Fall 2023	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alternative Travel
High Schools	20%	15%	1%	1%	7%	3%	54%	46%

Data in this report may not equal 100% due to rounding



Cupertino High School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		23%	14%	2%	0%	10%	2%	46%	51%
Spring 2016		20%	13%	2%	0%	10%	2%	53%	47%
Fall 2016		21%	18%	1%	0%	9%	2%	48%	51%
Spring 2017		23%	14%	1%	0%	11%	2%	49%	51%
Fall 2017		23%	17%	1%	0%	9%	3%	46%	53%
Spring 2018		19%	14%	1%	1%	8%	4%	52%	47%
Fall 2018	17%	23%	15%	1%	2%	8%	4%	48%	53%
Spring 2019	22%	22%	16%	1%	1%	8%	3%	49%	51%
Fall 2019	20%	25%	13%	2%	0%	7%	4%	48%	52%
Fall 2021	35%	21%	16%	1%	0%	5%	2%	55%	45%
Fall 2022	38%	20%	19%	1%	1%	5%	3%	52%	48%
Fall 2023	41%	21%	19%	1%	0%	6%	3%	50%	50%

Homestead High School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		23%	14%	2%	0%	10%	2%	46%	51%
Spring 2016		22%	12%	2%	0%	8%	6%	48%	50%
Fall 2016		23%	16%	1%	0%	7%	7%	46%	54%
Spring 2017		24%	10%	2%	0%	8%	5%	52%	49%
Fall 2017		23%	17%	2%	0%	9%	3%	46%	54%
Spring 2018		23%	12%	1%	6%	8%	0%	50%	50%
Fall 2018	32%	23%	15%	1%	0%	7%	5%	48%	51%
Spring 2019	42%	20%	14%	2%	0%	7%	6%	51%	49%
Fall 2019	47%	22%	16%	1%	0%	6%	5%	49%	51%
Fall 2021	33%	21%	16%	0%	1%	8%	3%	50%	50%
Fall 2022	29%	19%	19%	1%	0%	8%	5%	48%	52%
Fall 2023	19%	18%	15%	1%	0%	7%	7%	51%	49%

Monta Vista High School

Survey Year	Response Rate	Walk	Bike	Other	Bus	Carpool	Transit	Family Vehicle	Alt Travel
Fall 2015		18%	10%	1%	0%	13%	0%	56%	42%
Spring 2016		22%	8%	0%	0%	14%	0%	55%	44%
Fall 2016		25%	12%	1%	0%	15%	0%	46%	53%
Spring 2017		24%	8%	0%	0%	15%	0%	52%	47%
Fall 2017		22%	10%	0%	0%	15%	0%	51%	47%
Spring 2018		17%	6%	1%	0%	14%	0%	61%	38%
Fall 2018	32%	24%	10%	2%	0%	11%	0%	53%	47%
Spring 2019	31%	23%	8%	1%	1%	13%	0%	54%	46%
Fall 2019	31%	22%	10%	0%	1%	14%	0%	53%	47%
Fall 2021	36%	22%	10%	1%	1%	6%	0%	61%	39%
Fall 2022	37%	20%	13%	0%	1%	9%	0%	57%	43%
Fall 2023	49%	19%	12%	1%	1%	7%	0%	60%	40%

Highest Alternative Transportation

	Highest Elementary School Rate	Highest Middle School Rate	Highest High School Rate	Biggest Increase
Walk	Garden Gate (35%)	Kennedy (22%)	CHS (21%)	Stevens Creek (+2.9%)
Bike	Sedgwick (9%)	Lawson (16%)	CHS (19%)	Sedgwick (+2%)
Carpool	Faria (20%)	Hyde (19%)	HHS & MVHS (7%)	Stevens Creek (+3.4%)
Alternative Transportation	Garden Gate (57%)	Lawson (50%)	CHS (50%)	Stevens Creek (+6.7%)
Response Rate	Faria (97%)	Hyde (84%)	MVHS (49%)	Hyde (+19%)

Cupertino Safe Routes to School

Fall 2023 Transportation Survey Results



CUPERTINO