

Cupertino Safe Routes to School

Fall 2018 Student Transportation Survey Results



CUPERTINO

Survey History & Purpose

- Cupertino's Safe Routes to School program has been collecting student transportation data biannually since the fall of 2015 to understand citywide student transportation trends across all grade levels.
- Data is collected for 3 days during a one-week period. Teachers ask students how they travel to and from school and mark the students' responses on the Student Travel Tally questionnaire from the National Safe Routes to School Partnership.
- The information we collect is used to inform program decision making and provide data for grant proposals.
- The results in this report include data from the Fall 2018 survey as well as historic data through fall 2015.

Cupertino Safe Routes to School

Fall 2018 Averages Across School Levels

Fall 2018	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Total Alternative Travel*
Elementary Schools	29%	3%	1%	51%	14%	0%	2%	49%
Middle Schools	25%	10%	1%	46%	17%	0%	2%	54%
High Schools	23%	13%	1%	50%	9%	3%	1%	50%
Citywide	26%	7%	1%	50%	14%	1%	2%	50%

* Total alternative travel = all travel modes excluding family vehicle

Data in this report may not equal 100% due to rounding.
The citywide response rate for this survey was 56%.

Cupertino Safe Routes to School

Historical Citywide Student Transportation Rates

Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Total Alternative Travel
Fall 2015	24%	6%	1%	50%	17%	1%	1%	50%
Spring 2016	23%	6%	1%	53%	16%	1%	1%	47%
Fall 2016	25%	10%	0%	49%	14%	2%	0%	51%
Spring 2017	25%	8%	0%	50%	14%	2%	1%	50%
Fall 2017	24%	7%	1%	51%	15%	1%	2%	49%
Spring 2018	23%	6%	2%	53%	15%	1%	1%	47%
Fall 2018	26%	7%	1%	50%	14%	1%	2%	50%

* Total alternative travel = all travel modes excluding family vehicle

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

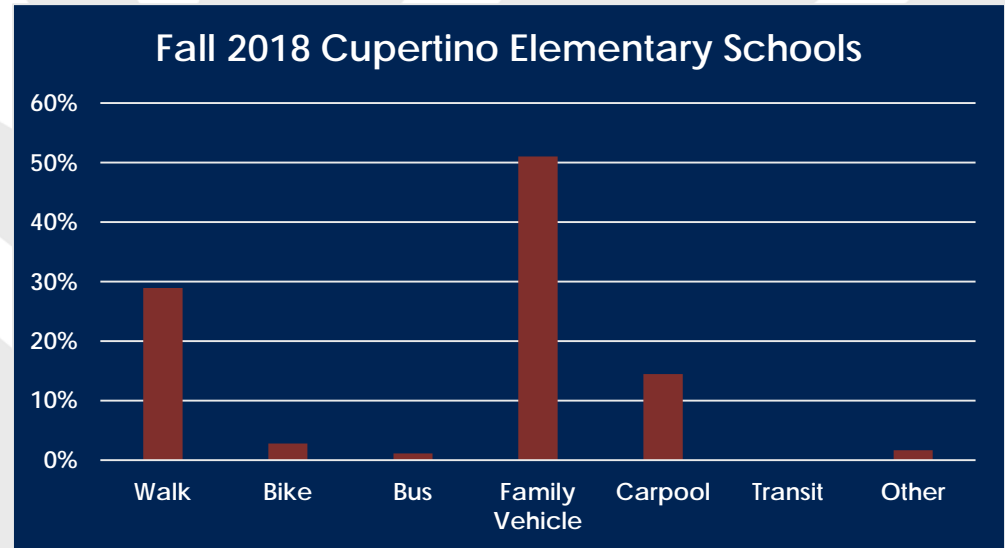
Cupertino Elementary Schools

- Collins
- Eaton
- Faria
- Garden Gate
- Lincoln
- Regnart
- Sedgwick
- Stevens Creek

Average elementary school response rate, 86%.

Fall 2018	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Total Alternative Travel
Elementary Schools	29%	3%	1%	51%	14%	0%	2%	49%

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Cupertino Middle Schools

Hyde

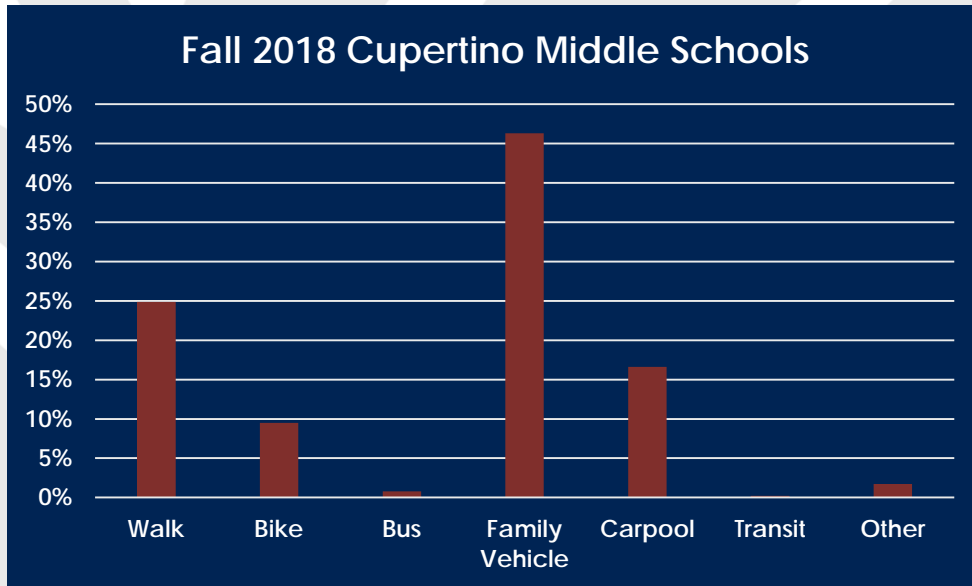
Kennedy

Lawson

Average middle school response rate, 72%.

Fall 2018	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Total Alternative Travel
Middle Schools	25%	10%	1%	46%	17%	0%	2%	54%

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Cupertino High Schools

Cupertino

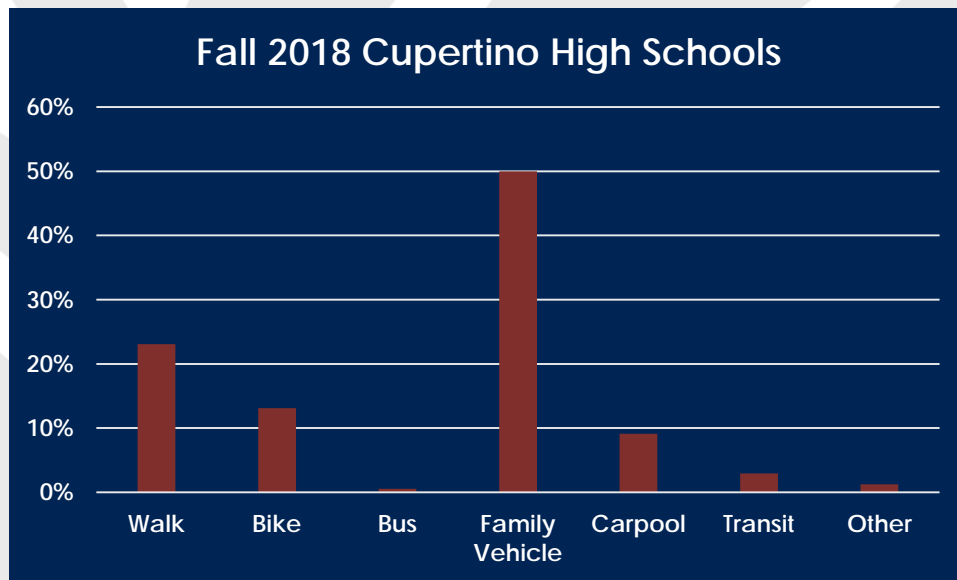
Homestead

Monta Vista

Average high school response
rate, 28%

Fall 2018	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Total Alternative Travel
High Schools	23%	13%	1%	50%	9%	3%	1%	50%

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Cupertino Elementary Schools

Collins

Eaton

Faria

Garden Gate

Lincoln

Regnart

Sedgwick

Stevens Creek

Key Observations and Takeaways:

Stevens Creek Walk & Roll
Wednesday has an impact!

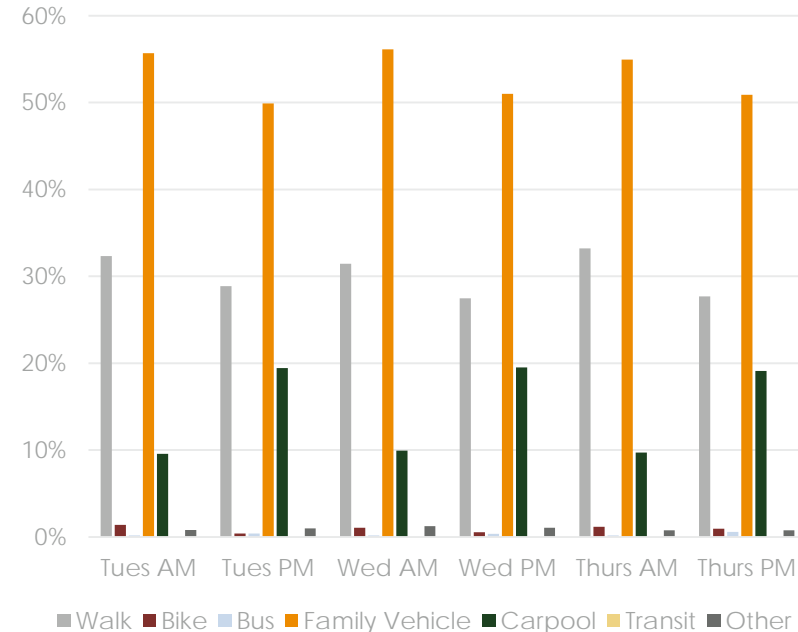
Garden Gate has highest citywide
walking rate.

Lincoln and Regnart students
carpool in the afternoon.

Collins Elementary School

- Strong PM carpool rate.
- Strong carpool rate is the result of a decrease in both PM walking and family vehicle (FV) rates.
- Response rate is 75%.

Collins Fall 2018 AM v. PM



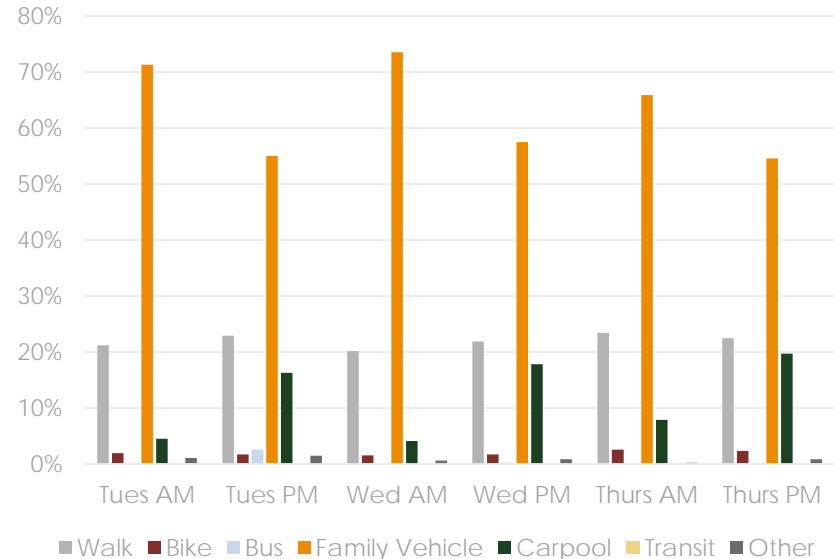
Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	39%	1%	0%	47%	12%	0%	2%	53%
Spring 2016	34%	0%	0%	41%	16%	0%	1%	59%
Fall 2016	35%	0%	0%	42%	20%	2%	1%	58%
Spring 2017	33%	1%	0%	50%	15%	0%	2%	50%
Fall 2017	32%	1%	1%	50%	15%	0%	2%	50%
Spring 2018	31%	1%	1%	52%	13%	0%	3%	48%
Fall 2018	30%	1%	0%	53%	15%	0%	1%	47%

Eaton Elementary School

- Relatively constant, little change.
- Response rate is 95%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	26%	3%	0%	57%	9%	2%	3%	43%
Spring 2016	23%	3%	0%	59%	11%	3%	1%	41%
Fall 2016	27%	4%	0%	54%	12%	2%	1%	46%
Spring 2017	22%	3%	0%	61%	10%	0%	4%	39%
Fall 2017	25%	4%	0%	59%	10%	0%	2%	41%
Spring 2018	21%	2%	0%	65%	12%	0%	1%	35%
Fall 2018	22%	2%	0%	63%	12%	0%	1%	47%

Eaton Fall 2018 AM v. PM



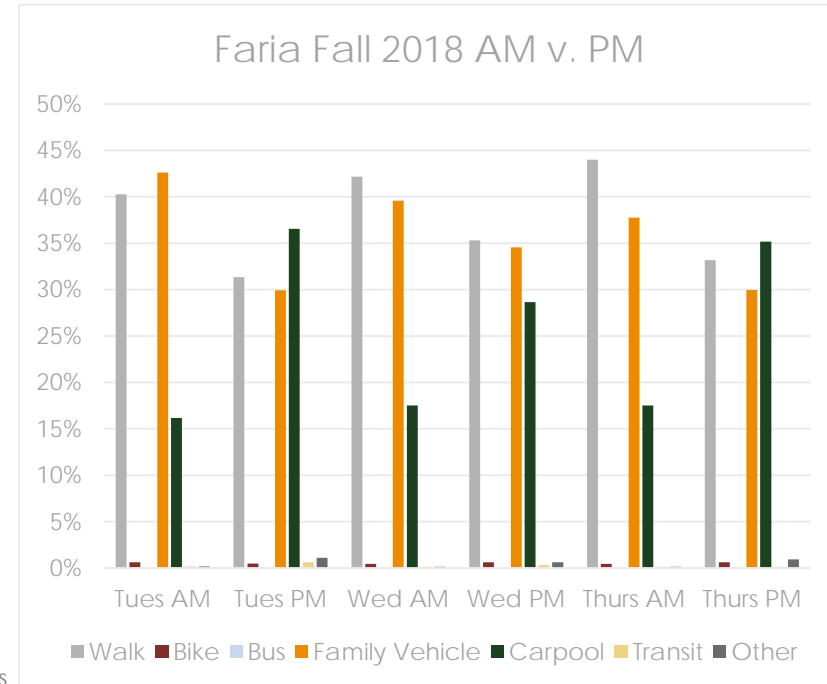
Faria Elementary School

- **30% increase in walking***
- Highest PM carpool rate in Cupertino.
- Response rate is 95%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	8%	0%	0%	60%	30%	1%	0%	40%
Spring 2016	5%	0%	0%	61%	33%	0%	0%	39%
Fall 2016	6%	0%	0%	60%	33%	0%	0%	40%
Spring 2017	5%	0%	0%	66%	28%	1%	1%	34%
Fall 2017	6%	0%	0%	58%	34%	0%	0%	42%
Spring 2018	5%	0%	0%	61%	32%	0%	2%	39%
Fall 2018	38%	1%	0%	36%	25%	0%	1%	64%

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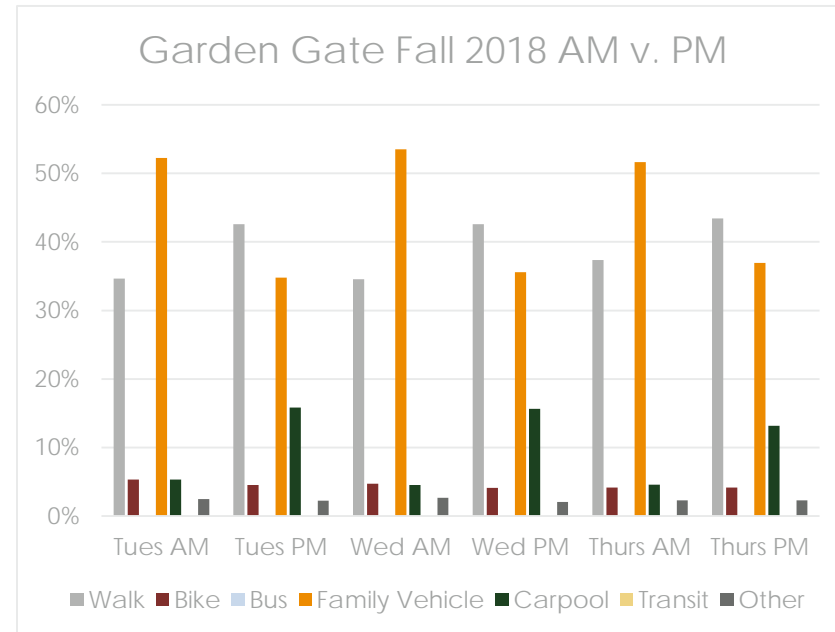
*Dramatic Increase in walking rate due to change in how school counted walkers. Faria is an alternative school (not a neighborhood school) which draws students from across the district. Students can live as far as 4.5 miles from school. Teachers counted students as walkers if they were driven to the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



Garden Gate Elementary School

- Highest walking rate out of all 14 schools.
- Increase in PM walking rate and dip in PM family vehicle rate.
- Increase in afternoon carpool rate, from 5% in AM to 15% in PM.
- Response rate is 82%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	35%	3%	0%	49%	11%	0%	2%	51%
Spring 2016	31%	2%	0%	52%	14%	0%	2%	48%
Fall 2016	38%	5%	0%	43%	12%	0%	1%	57%
Spring 2017	38%	5%	0%	43%	12%	0%	1%	57%
Fall 2017	36%	5%	0%	47%	10%	0%	2%	53%
Spring 2018	38%	4%	0%	44%	12%	0%	2%	56%
Fall 2018	39%	5%	0%	44%	10%	0%	2%	56%

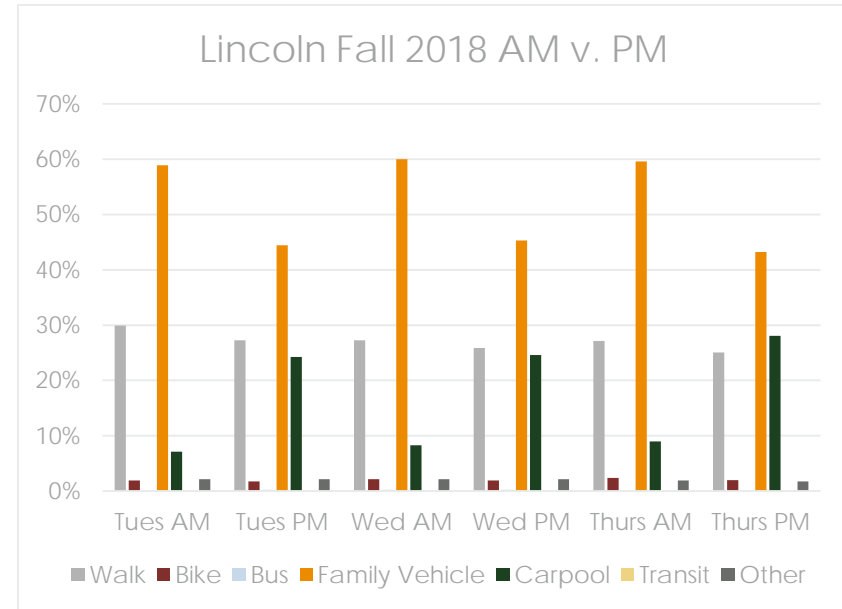


Lincoln Elementary School

- Highest surveyed walking rate to date.
- Second largest difference in AM to PM carpooling rates citywide. From 8% average in AM to 26% in PM.
- Fewer students carpooling in AM than ever before.
- Response rate is 80%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	26%	1%	0%	51%	20%	0%	1%	49%
Spring 2016	22%	2%	0%	53%	22%	0%	1%	47%
Fall 2016	23%	2%	0%	53%	16%	4%	1%	47%
Spring 2017	25%	1%	0%	55%	18%	0%	1%	45%
Fall 2017	25%	1%	0%	56%	18%	0%	0%	44%
Spring 2018	22%	1%	2%	57%	17%	0%	1%	43%
Fall 2018	27%	2%	0%	52%	17%	0%	2%	48%

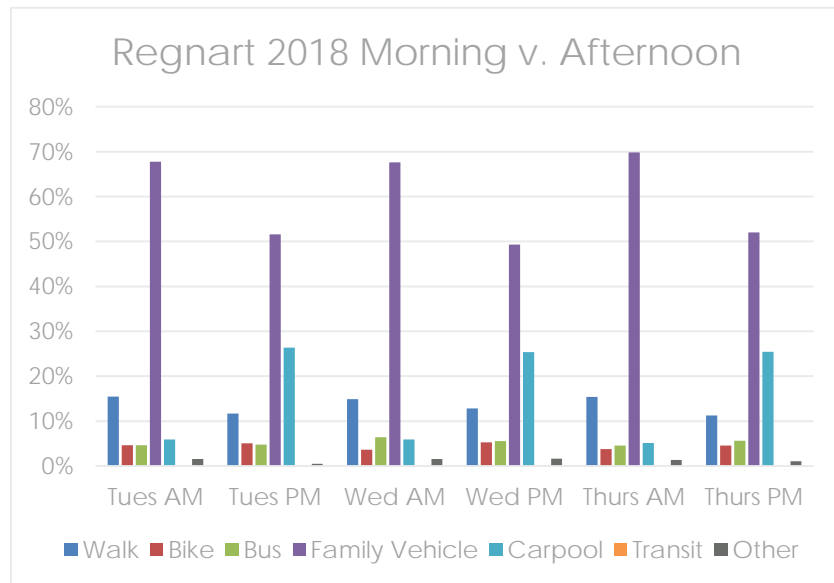
Data in this report may not equal 100% due to rounding



Regnart Elementary School

- Largest difference in AM to PM carpooling rates citywide. From 6% average in AM to 25% in PM.
- Biking rate holds steady.
- Response rate is 84%.

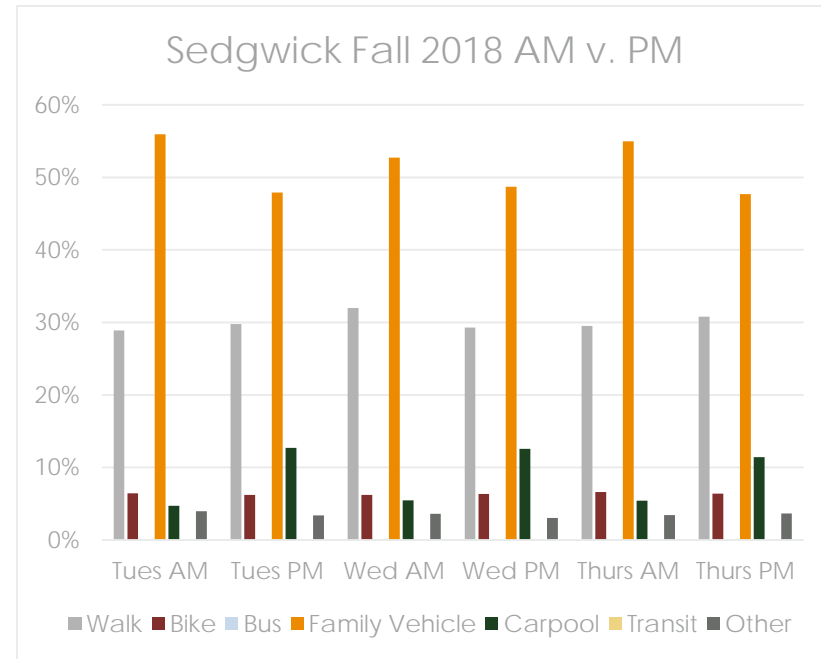
Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	17%	4%	0%	61%	14%	0%	1%	39%
Spring 2016	18%	3%	0%	63%	15%	0%	0%	37%
Fall 2016	20%	4%	0%	60%	12%	3%	0%	40%
Spring 2017	16%	3%	0%	63%	15%	1%	2%	37%
Fall 2017	25%	4%	0%	59%	10%	0%	1%	41%
Spring 2018	12%	4%	0%	62%	16%	0%	2%	38%
Fall 2018	14%	4%	5%	60%	16%	0%	1%	40%



Sedgwick Elementary School

- Highest recorded fall walking rate for the school.
- Unable to determine response due to change in attendance.

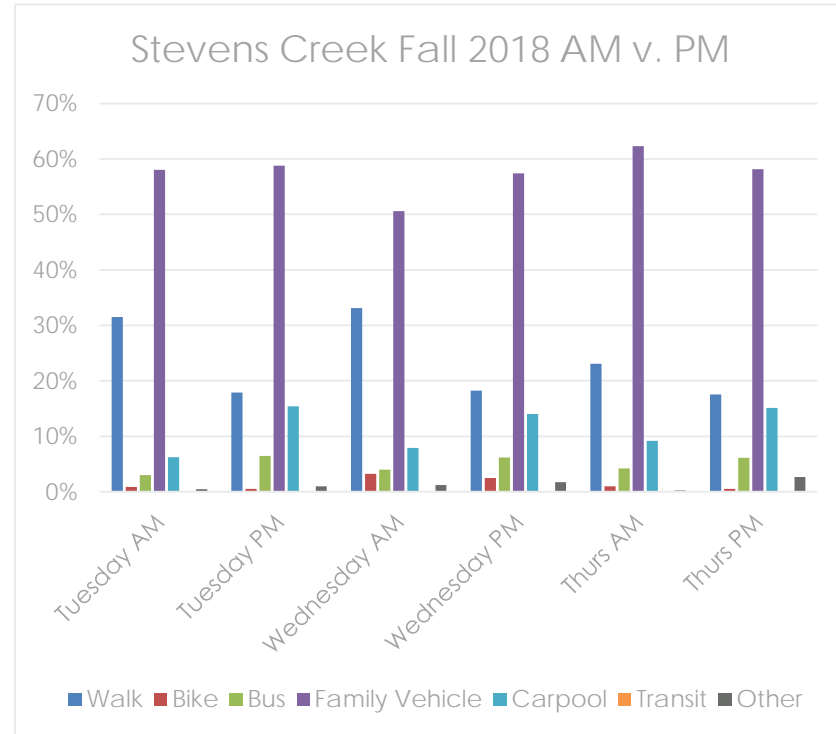
Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Spring 2016	30%	3%	0%	49%	13%	0%	5%	51%
Fall 2016	27%	7%	0%	46%	12%	1%	7%	54%
Spring 2017	29%	5%	0%	52%	10%	1%	4%	48%
Fall 2017	25%	7%	0%	54%	10%	0%	4%	46%
Spring 2018	27%	7%	0%	52%	11%	0%	3%	48%
Fall 2018	30%	6%	0%	51%	9%	0%	4%	49%



Stevens Creek Elementary School

- New high walking rate for school - nearly double the historic average.
- Lowest recorded family vehicle rate.
- Walking rate was higher everyday compared to any previous surveys.
- Response rate is 70%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	15%	1%	0%	69%	11%	0%	0%	31%
Spring 2016	11%	0%	0%	71%	12%	0%	0%	29%
Fall 2016	12%	1%	0%	68%	13%	5%	1%	32%
Spring 2017	9%	0%	0%	77%	10%	2%	1%	23%
Fall 2017	16%	1%	7%	64%	10%	0%	2%	36%
Spring 2018	14%	1%	8%	66%	10%	0%	1%	34%
Fall 2018	24%	1%	5%	58%	11%	0%	1%	42%



Cupertino Middle Schools

Hyde

Kennedy

Lawson

Key Observations and Takeaways:

Hyde achieves their highest carpooling rate to date.

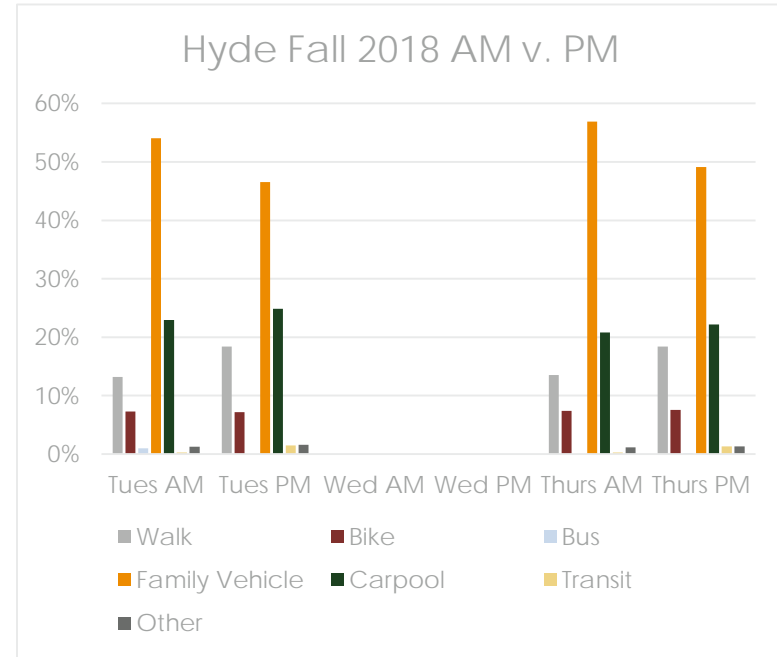
Kennedy students choose to carpool and walk in the afternoon.

Lawson steadily increases their student biking rate.

Hyde Middle School

- Increase in the number of students carpooling and walking in the afternoon.
- Record number of students carpooling to school.
- Response rate is 78%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Spring 2016	13%	9%	0%	55%	22%	1%	1%	45%
Fall 2016	15%	9%	0%	53%	21%	0%	2%	47%
Spring 2017	16%	9%	0%	54%	21%	1%	1%	46%
Fall 2017	14%	8%	1%	56%	19%	0%	2%	44%
Spring 2018	16%	6%	0%	56%	20%	1%	1%	44%
Fall 2018	16%	7%	0%	52%	23%	1%	1%	48%

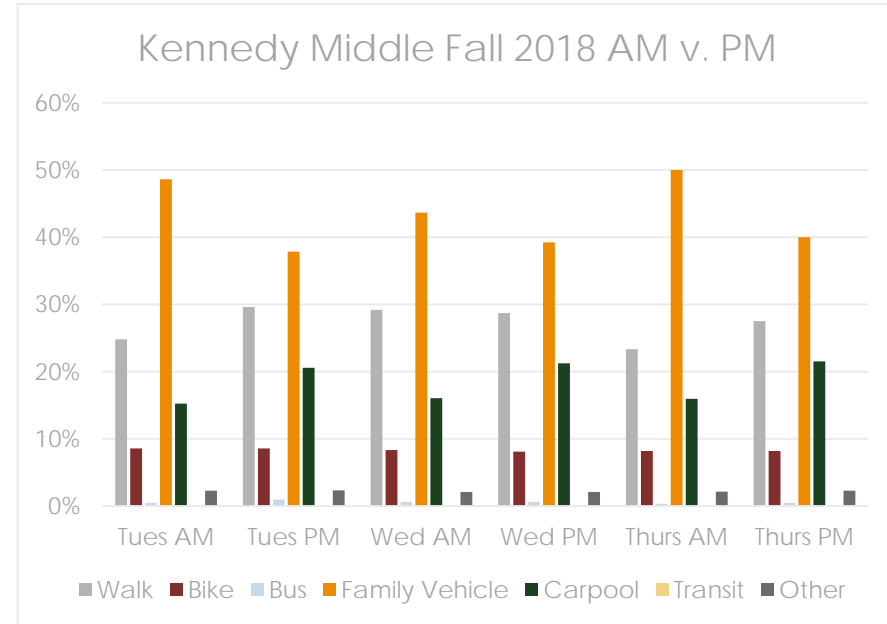


Kennedy Middle School

- Increase in PM carpool rate.
- Response rate is 70%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	27%	8%	0%	38%	24%	0%	1%	62%
Spring 2016	27%	6%	0%	37%	28%	0%	2%	63%
Fall 2016	28%	8%	0%	38%	24%	0%	2%	62%
Spring 2017	26%	6%	0%	40%	25%	0%	2%	60%
Fall 2017	27%	8%	1%	40%	25%	0%	2%	60%
Spring 2018	28%	8%	0%	39%	23%	0%	1%	61%
Fall 2018	27%	8%	1%	43%	18%	0%	2%	57%

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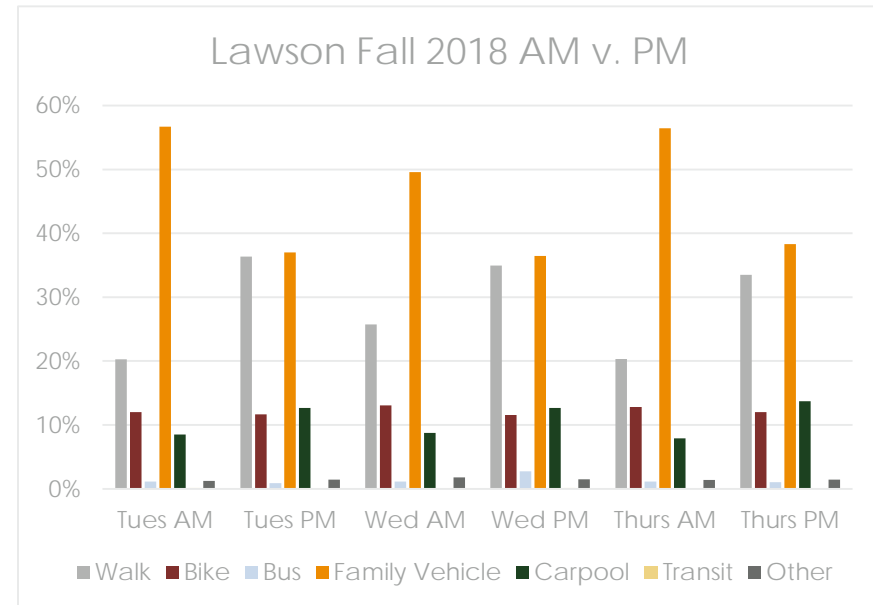


Lawson Middle School

- Continues to increase biking rate.
- 20% decline in afternoon family vehicle rate, increase in the number of afternoon walkers and carpoolers.
- Response rate is 69%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Spring 2016	30%	3%	0%	49%	13%	0%	5%	51%
Fall 2016	27%	7%	0%	46%	12%	1%	7%	54%
Spring 2017	29%	5%	0%	52%	10%	1%	4%	48%
Fall 2017	29%	8%	0%	46%	14%	1%	2%	54%
Spring 2018	31%	10%	0%	44%	14%	0%	1%	56%
Fall 2018	28%	12%	1%	46%	11%	0%	1%	54%

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Cupertino High Schools

Cupertino
Homestead
Monta Vista

Key Observations and Takeaways:

Cupertino High shows little change to historic averages.

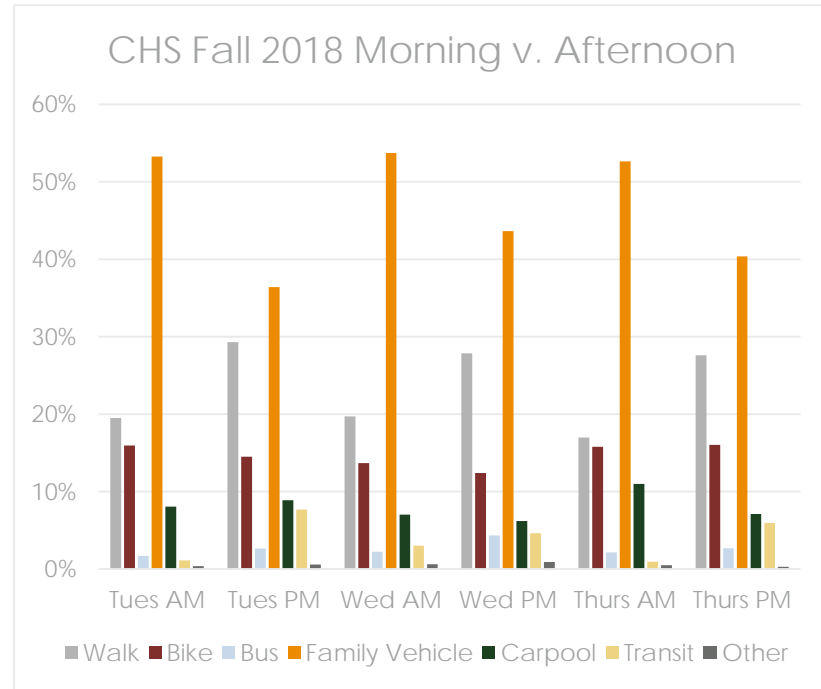
Homestead students do not change transportation modes between morning and afternoon.

Cupertino High School

- Student transportation modes are relatively static.
- No noticeable changes in student transportation trends.
- Response rate is 17%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	23%	14%	0%	46%	10%	2%	2%	54%
Spring 2016	20%	13%	0%	53%	10%	2%	2%	47%
Fall 2016	21%	18%	0%	48%	9%	2%	1%	52%
Spring 2017	23%	14%	0%	49%	11%	2%	1%	51%
Fall 2017	23%	17%	0%	46%	9%	3%	1%	54%
Spring 2018	19%	14%	1%	52%	8%	4%	1%	48%
Fall 2018	23%	15%	2%	48%	8%	4%	1%	52%

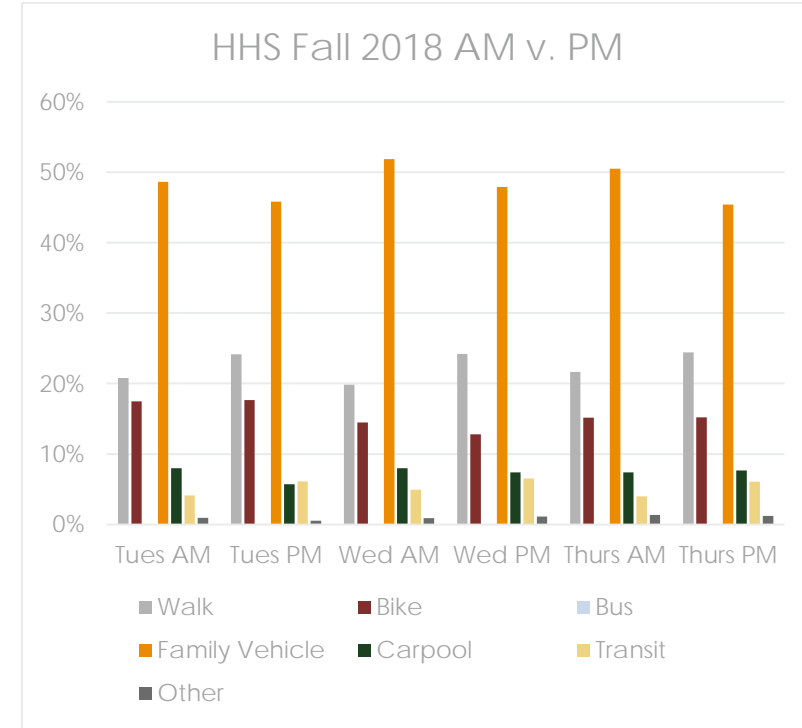
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Homestead High School

- Little variation in student travel modes from AM to PM.
- More students taking transit.
- Response rate is 32%.

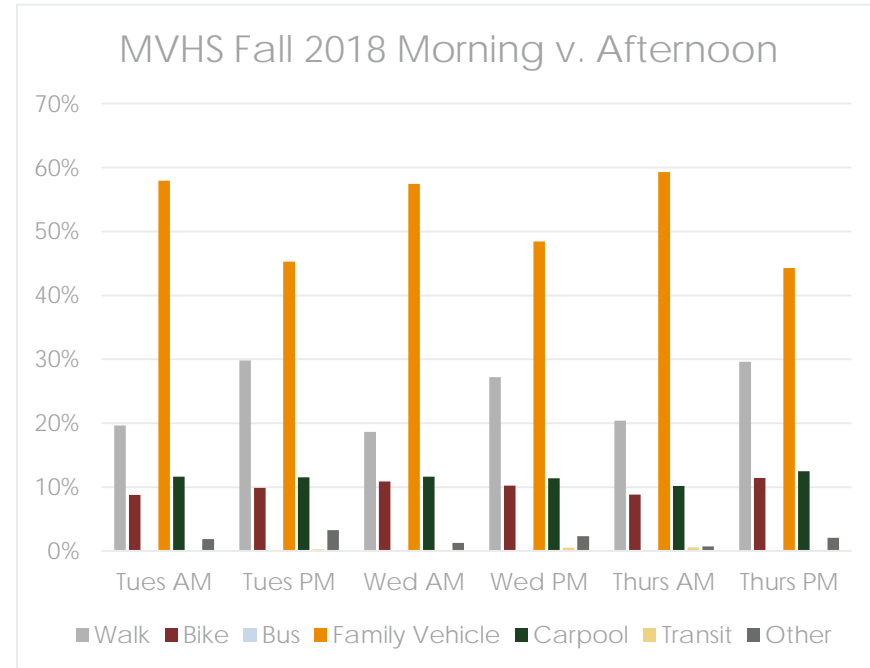
Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	23%	14%	0%	46%	10%	2%	2%	54%
Spring 2016	22%	12%	0%	48%	8%	6%	2%	52%
Fall 2016	23%	16%	0%	46%	7%	7%	1%	54%
Spring 2017	24%	10%	0%	52%	8%	5%	2%	48%
Fall 2017	23%	17%	0%	46%	9%	3%	2%	54%
Spring 2018	23%	12%	6%	50%	8%	0%	1%	50%
Fall 2018	23%	15%	0%	48%	7%	5%	1%	52%



Monta Vista High School

- There is a 10% increase in the PM walking rate and a near equal decrease in the PM family vehicle rate.
- No transit, unlike at CHS and HHS.
- Carpool rate constant from AM to PM.
- Response rate is 34%.

Survey Year	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other	Alternative Travel
Fall 2015	18%	10%	0%	56%	13%	0%	1%	44%
Spring 2016	22%	8%	0%	55%	14%	0%	0%	45%
Fall 2016	25%	12%	0%	46%	15%	0%	1%	54%
Spring 2017	24%	8%	0%	52%	15%	0%	0%	48%
Fall 2017	22%	10%	0%	51%	15%	0%	0%	49%
Spring 2018	17%	6%	0%	61%	14%	0%	1%	39%
Fall 2018	24%	10%	0%	53%	11%	0%	2%	47%



Cupertino Safe Routes to School

Fall 2018 Transportation Survey Results



CUPERTINO

