Eaton Elementary
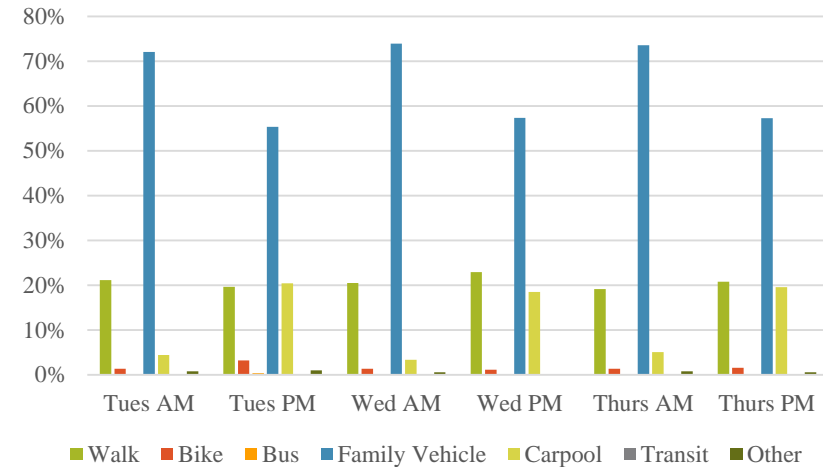
Observations:

- Increase in family vehicle %, dating back to fall'16 rate.
- Afternoon reduction in FV rate.
- Very consistent over last 4 years.
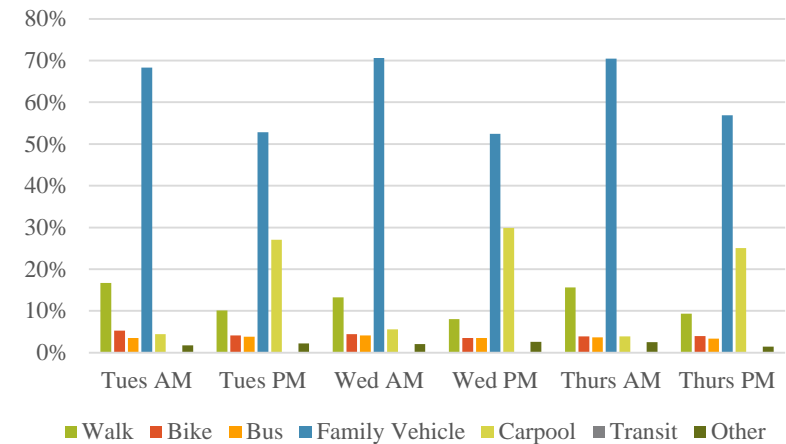
Eaton Spring 2018 Morning vs. Afternoon

Legend: Walk, Bike, Bus, Family Vehicle, Carpool, Transit, Other

Eaton	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	26%	3%	0%	57%	9%	2%	3%
Spring 2016	23%	3%	0%	59%	11%	3%	1%
Fall 2016	27%	4%	0%	54%	12%	2%	1%
Spring 2017	22%	3%	0%	61%	10%	0%	4%
Fall 2017	25%	4%	0%	59%	10%	0%	2%
Spring 2018	21%	2%	0%	65%	12%	0%	1%

Regnart Elementary

Observations:

- 13% reduction in walking rate. Trend is that the walking rate is highest in the fall and then drops off in the spring.

- Students carpool leaving school 3x more than arriving to school. This could be those kid taxi programs. Parents drop off kids on way to work and then hire a taxi for afternoon pickup.

- Carpooling rate is its highest in the spring and the walking rate is its highest in the fall. Bike rate is constant and not impacted by season.

- Walking and FV rates are highest in AM. Parents can walk kids to school then go home and go to work.

Regnart Spring 2018 Morning vs. Afternoon

Regnart	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	17%	4%	0%	61%	14%	0%	1%
Spring 2016	18%	3%	0%	63%	15%	0%	0%
Fall 2016	20%	4%	0%	60%	12%	3%	0%
Spring 2017	16%	3%	0%	63%	15%	1%	2%
Fall 2017	25%	4%	0%	59%	10%	0%	1%
Spring 2018	12%	4%	4%	62%	16%	0%	2%

Stevens Creek Elementary

Observations:

- Stevens Creek has historically constant rates.

- There has been a slight uptick in the number of students who bus to school compared to fall '16 figure.

- 7% increase in the number of walkers on Wednesdays compared to the 14% average. Marginal gain in the number of bikers too.

- Has highest FV count out of all schools.

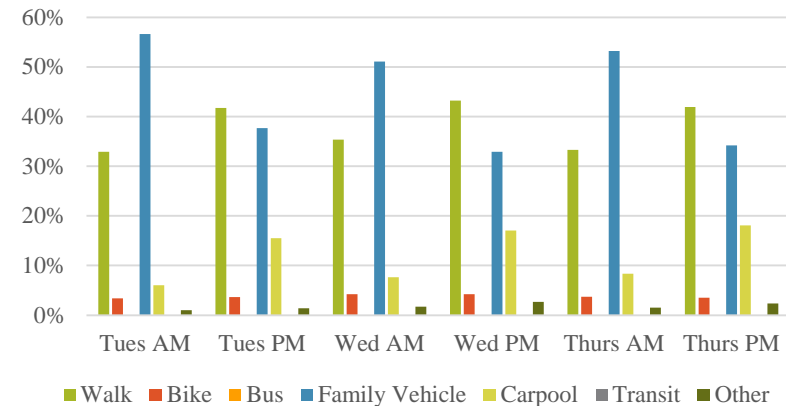Stevens Creek Spring 2018 Morning vs. Afternoon

■ Walk ■ Bike ■ Bus ■ Family Vehicle ■ Carpool ■ Transit ■ Other
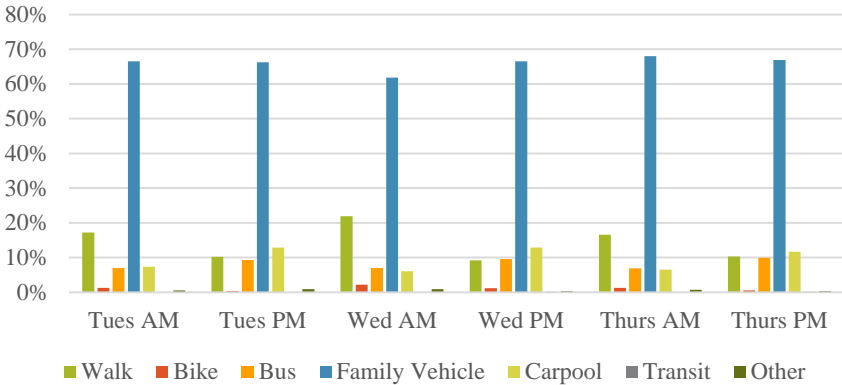
Stevens Creek	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	15%	1%	0%	69%	11%	0%	0%
Spring 2016	11%	0%	0%	71%	12%	0%	0%
Fall 2016	12%	1%	0%	68%	13%	5%	1%
Spring 2017	9%	0%	0%	77%	10%	2%	1%
Fall 2017	16%	1%	7%	64%	10%	0%	2%
Spring 2018	14%	1%	8%	66%	10%	0%	1%

Garden Gate Elementary

Observations:

- Garden Gate has the highest walking rate out of all schools that were surveyed.

- One of the few schools that see an increase in the number of students who walk home. This could be because of the neighborhood and the relatively calm streets that are on the W side of Stelling.

- The walking rate has remained above the Spring '16 count, the historic low for Garden Gate walking.
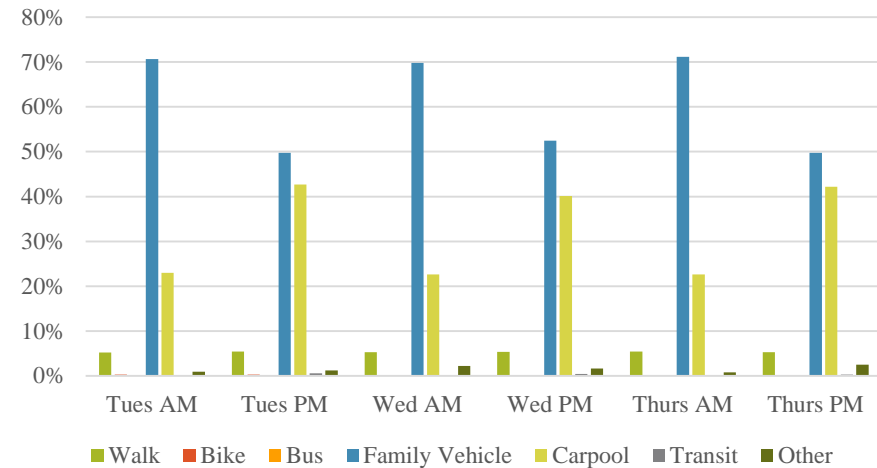
Garden Gate Spring 2018 Morning vs. Afternoon

Legend: ■ Walk ■ Bike ■ Bus ■ Family Vehicle ■ Carpool ■ Transit ■ Other

Garden Gate	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	35%	3%	0%	49%	11%	0%	2%
Spring 2016	31%	2%	0%	52%	14%	0%	2%
Fall 2016	38%	5%	0%	43%	12%	0%	1%
Spring 2017	38%	5%	0%	43%	12%	0%	1%
Fall 2017	36%	5%	0%	47%	10%	0%	1%
Spring 2018	38%	4%	0%	44%	12%	0%	2%

Faria Elementary

Observations:

- Primarily a commuter school.

- Has the second highest FV count out of all school levels, not just elementary.

- 2x increase in the number of students carpooling in the afternoon compared to the morning.

- Highest school carpool rate at any level.

### Faria Spring 2018 Morning vs. Afternoon

Faria	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	8%	0%	0%	60%	30%	1%	0%
Spring 2016	5%	0%	0%	61%	33%	0%	0%
Fall 2016	6%	0%	0%	60%	33%	0%	0%
Spring 2017	5%	0%	0%	66%	28%	1%	1%
Fall 2017	6%	0%	0%	58%	34%	0%	0%
Spring 2018	5%	0%	0%	61%	32%	0%	2%

Collins Elementary

Observations:

- Second highest walking rate out off all schools.
- Walking rate has gradually fallen from its historic high in the fall of '15. Now at historic low.
- FV count is now at an all time high.

### Collins Spring 2018 Morning vs. Afternoon
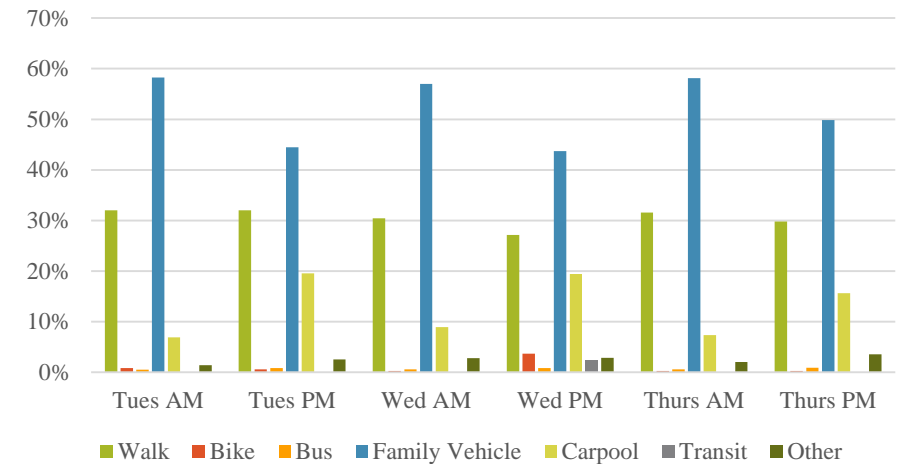
Collins	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	39%	1%	0%	47%	12%	0%	2%
Spring 2016	34%	0%	0%	41%	16%	0%	1%
Fall 2016	35%	0%	0%	42%	20%	2%	1%
Spring 2017	33%	1%	0%	50%	15%	0%	2%
Fall 2017	32%	1%	1%	50%	15%	0%	2%
Spring 2018	31%	1%	1%	52%	13%	0%	3%

Lincoln Elementary

Observations:

- FV rate is gradually increasing and both carpool and walking are gradually declining.

- Carpool rate doubles in the afternoon.

- FV rate drops by more than 10% in the afternoon, and carpool rate doubles. Could be similar to Regnart with kids cab service.

Lincoln Spring 2018 Morning vs. Afternoon
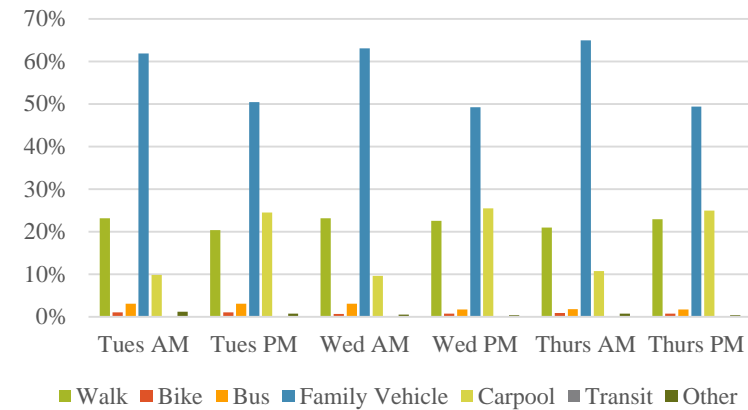
Lincoln	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	26%	1%		51%	20%	0%	1%
Spring 2016	22%	2%		53%	22%	0%	1%
Fall 2016	23%	2%		53%	16%	4%	1%
Spring 2017	25%	1%		55%	18%	0%	1%
Fall 2017	25%	1%	0%	56%	18%	0%	0%
Spring 2018	22%	1%	2%	57%	17%	0%	1%

Sedgwick Elementary

Observations:

- One of a few schools where AM mode percentages are similar to afternoon mode percentages. Only difference is a slight increase in the afternoon carpooling rate, consistent with most schools.
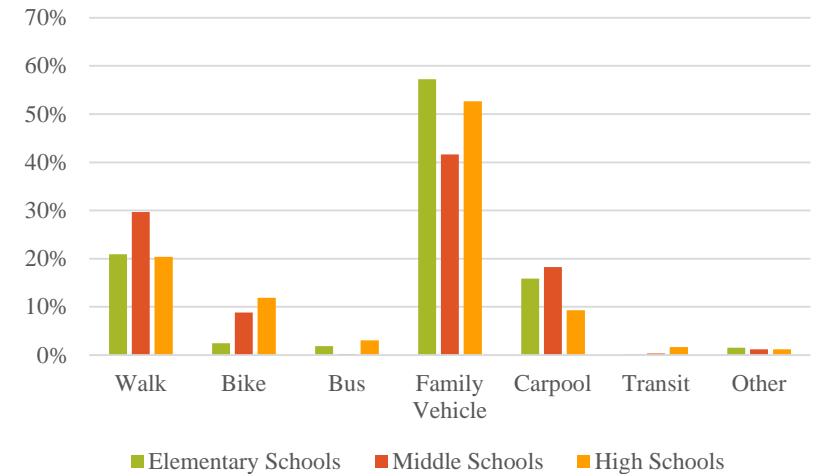
Sedgwick Spring 2018 Morning vs. Afternoon
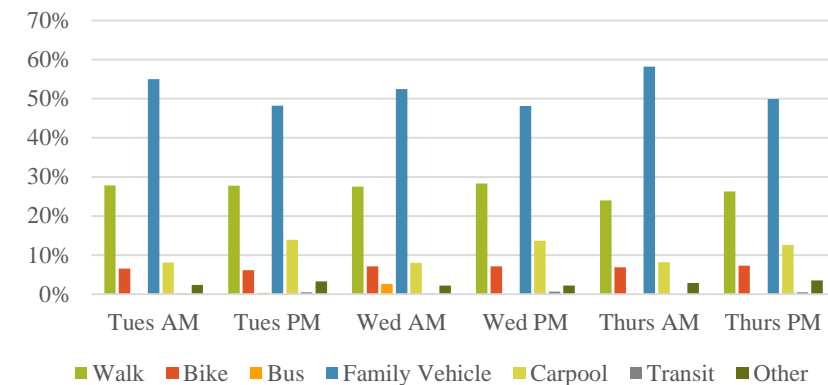
Sedgwick	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Spring 2016	30%	3%	0%	49%	13%	0%	5%
Fall 2016	27%	7%	0%	46%	12%	1%	7%
Spring 2017	29%	5%	0%	52%	10%	1%	4%
Fall 2017	25%	7%	0%	54%	10%	0%	4%
Spring 2018	27%	7%	0%	52%	11%	0%	3%

Elementary School Overview

Transportation Modes Accross School Levels

Observations:

- Parents still working could account for afternoon FV decline and carpool increase. Also, after school clubs and sports teams could impact the carpooling rate. Easier for parents to drop their kid's friends off after school than to go out of their way to pick them up in the morning. Additionally, kids cab programs would affect rate.

- Lowest biking rate because parent safety concerns are greatest for younger children. Same can be said for the walking rate.

- Poor active transportation rate at roughly 25%.

Spring 2018 Elementary School Averages
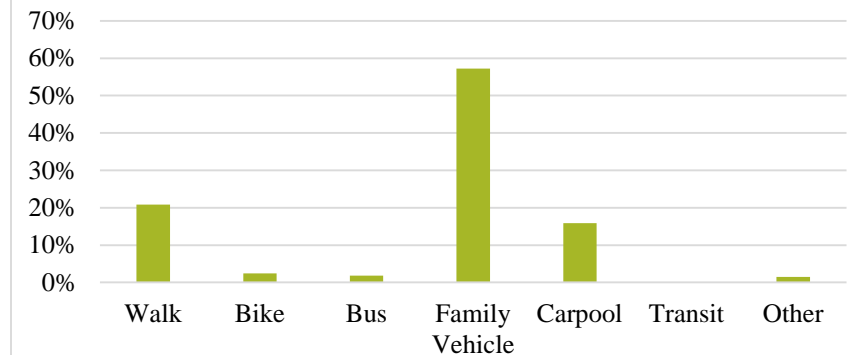
Hyde Middle School

Observations:

- Consistent averages from year to year.

- More walking students in afternoon with a decreased FV count, this is different than the elementary level where the afternoon carpool rate increases. This could be the result of parents feeling more comfortable to allow their kids to walk, especially when its non commute traffic, unlike in the morning.

Hyde Spring 2018 Morning vs. Afternoon
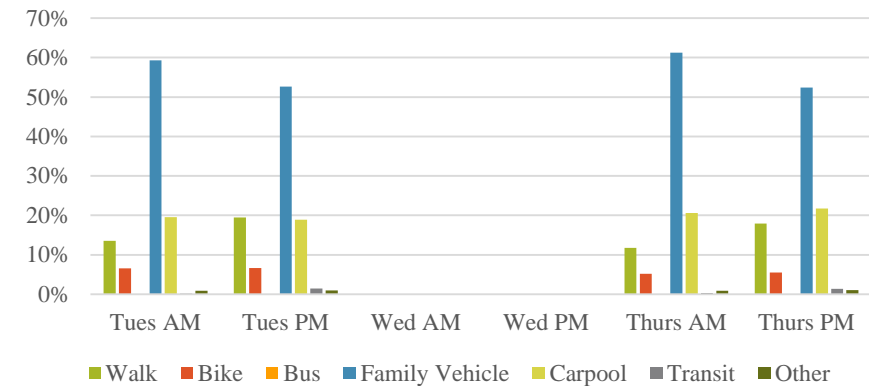
Hyde	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Spring 2016	13%	9%	0%	55%	22%	1%	1%
Fall 2016	15%	9%	0%	53%	21%	0%	2%
Spring 2017	16%	9%	0%	54%	21%	1%	1%
Fall 2017	14%	8%	1%	56%	19%	0%	2%
Spring 2018	16%	6%	0%	56%	20%	1%	1%

Kennedy Middle School

Observations:

- Increased walking and carpooling in the afternoon. Typically it's usually just one or the other, but this sees an increase in both modes. More dramatic increase in walking than usual.

### Kennedy Spring 2018 Morning vs. Afternoon
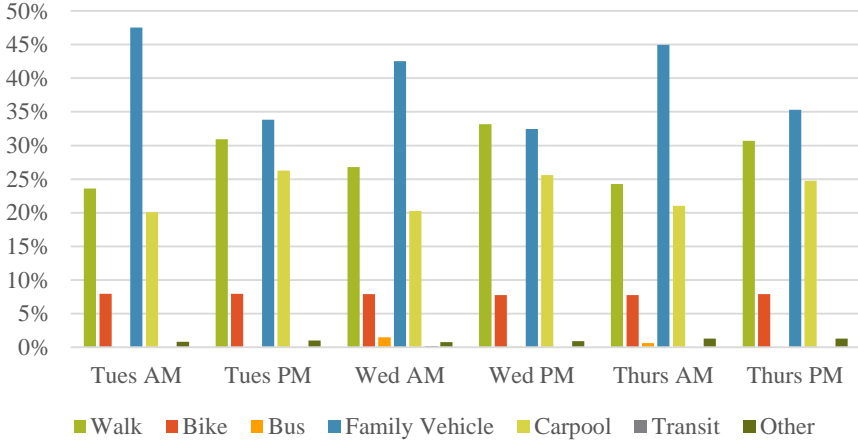
Kennedy	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	27%	8%	0%	38%	24%	0%	1%
Spring 2016	27%	6%	0%	37%	28%	0%	2%
Fall 2016	28%	8%	0%	38%	24%	0%	2%
Spring 2017	26%	6%	0%	40%	25%	0%	2%
Fall 2017	27%	8%	1%	40%	25%	0%	2%
Spring 2018	28%	8%	0%	39%	23%	0%	1%

Lawson Middle School

Observations:

- Has seen the most substantial increase in biking since data first started being collected.

- Has an exceptional active transportation rate at over 40%.

- The increase in the number of student who walk home from school but drove in is greatest at Lawson.
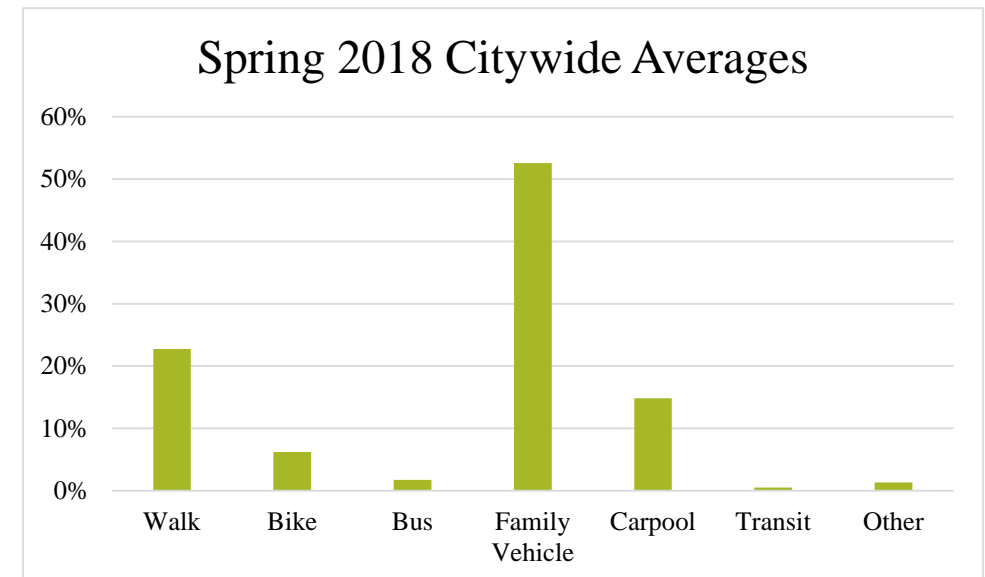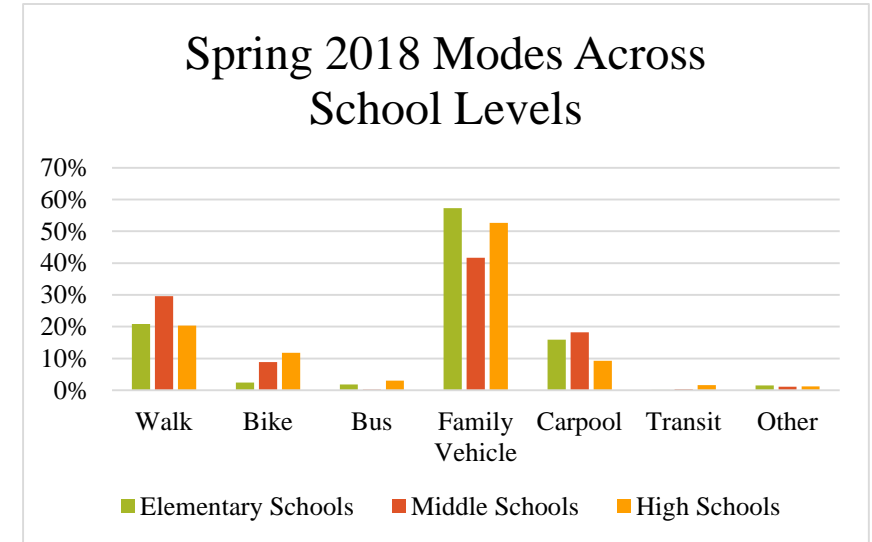
Lawson Spring 2018 Morning vs. Afternoon

Legend: Walk, Bike, Bus, Family Vehicle, Carpool, Transit, Other
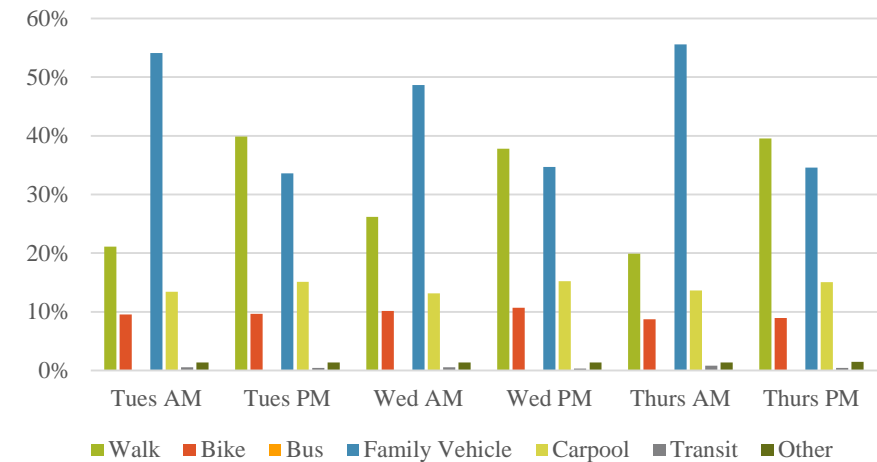
Lawson	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Spring 2016	30%	3%	0%	49%	13%	0%	5%
Fall 2016	27%	7%	0%	46%	12%	1%	7%
Spring 2017	29%	5%	0%	52%	10%	1%	4%
Fall 2017	29%	8%	0%	46%	14%	1%	2%
Spring 2018	31%	10%	0%	44%	14%	0%	1%

Middle School Overview

Observations:

- Good active transportation rate at 38%.

- Middle school students show the greatest difference in terms of how they get to school versus how they leave school. At middle schools, there is a greater likelihood that we'll see an increase in the walking mode in the afternoon compared to the elementary school level where we'd expect to see an increase in the carpool rate.

- Parents are starting to give kids more freedom and they no longer feel the need/ want to pay for a taxi now that their child is capable of walking home. However, they will still drive them to school on their way to work.

Spring 2018 Modes Across School Levels

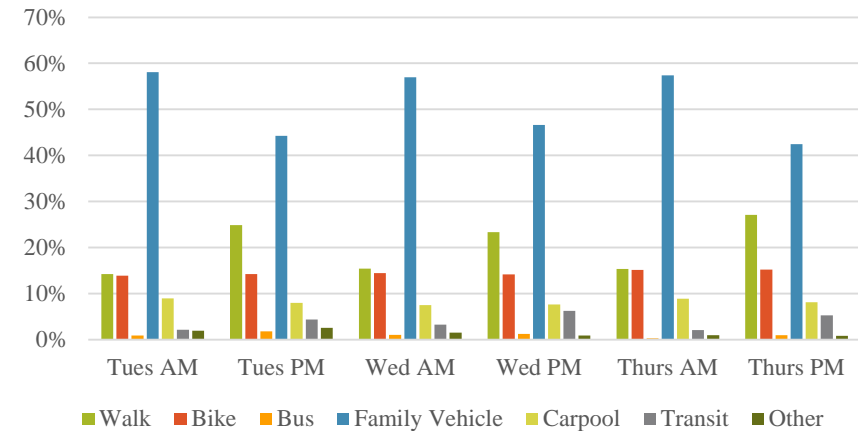

Spring 2018 Citywide Averages

Cupertino High School

Observations:

- CHS has one of the highest biking rates and bike counts when looking at total bike count data.
- Average active transportation rate of 33%.
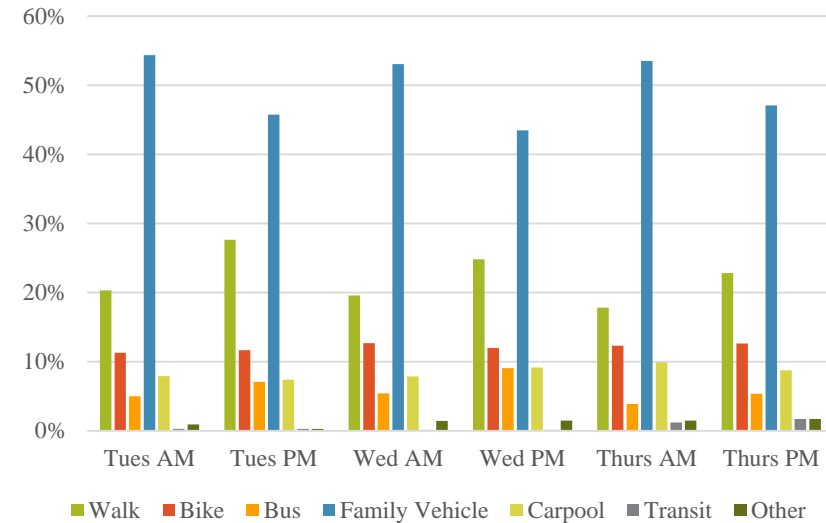

CHS Spring 2018 Morning vs. Afternoon

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

Homestead High School

Observations:

- Has the highest biking rate among all schools.

- Has the single highest school specific active transportation rate, on par with Lawson Middle.
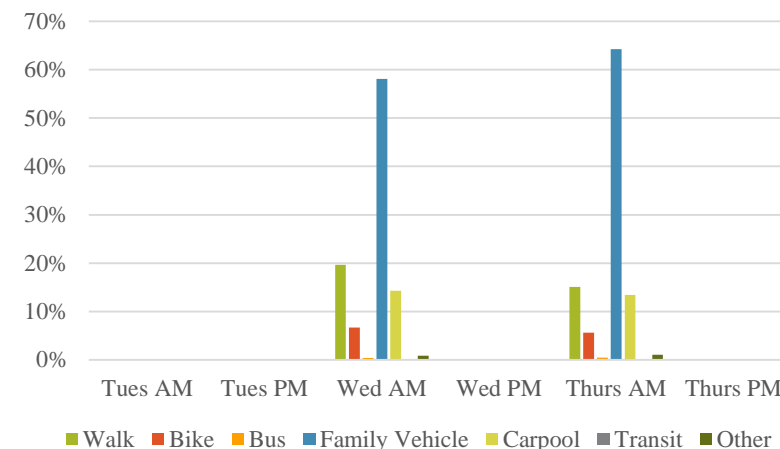

CHS Spring 2018 Morning vs. Afternoon

Legend: Walk, Bike, Bus, Family Vehicle, Carpool, Transit, Other

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

Monta Vista High School

Observations:

- MVHS is one of the most congested high schools with limited roads that feed into it. Unclear why the FV rate is so high, you'd expect parents would make their kids walk or bike so that they could avoid the traffic.

- Terrible active transportation rate, especially because it is a high school.
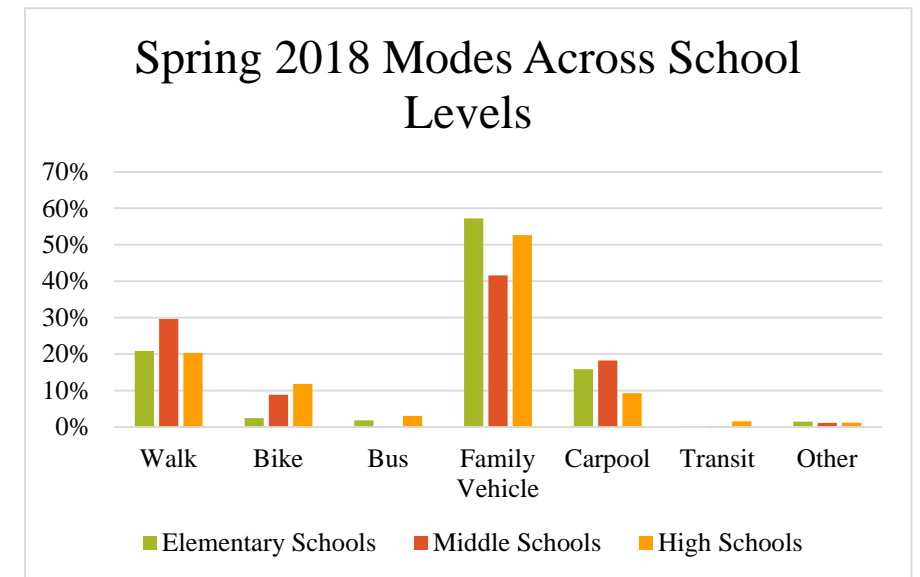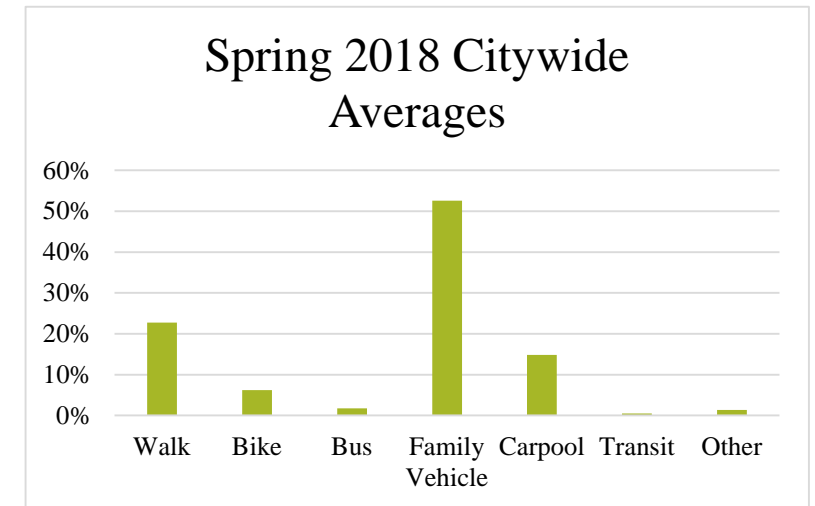

MVHS Spring 2018 Morning vs. Afternoon

MVHS	Walk	Bike	Bus	Family Vehicle	Carpool	Transit	Other
Fall 2015	18%	10%	0%	56%	13%	0%	1%
Spring 2016	22%	8%	0%	55%	14%	0%	0%
Fall 2016	25%	12%	0%	46%	15%	0%	1%
Spring 2017	24%	8%	0%	52%	15%	0%	0%
Fall 2017	22%	10%	0%	51%	15%	0%	0%
Spring 2018	17%	6%	0%	61%	14%	0%	1%

High School Overview

Observations:

- The low carpooling rate might be explained by high schoolers not wanting to carpool because it could be socially uncomfortable, whereas elementary school students do it because it makes life more convenient for their parents.
- Students who drive might explain why the walking rate is 10% lower than it is at the middle school level. Also, the school boundaries are larger and better suited for biking.
- The biking rate is highest because some students might not have cars and the students who can't drive yet still want a feeling of freedom and cycling can provide that as a substitute to a car.
- Decent active transportation rate at 32%.

Spring 2018 Citywide Averages

Spring 2018 Modes Across School Levels

Elementary Schools   Middle Schools   High Schools

Where to focus?

- MVHS has room for improvement.

- Lawson should be given more resources to continue to increase its growing biking rate.

- Middle schools should be targeted because they have highest active transportation rate.

- Other than Hyde, CUSD middle schools have relatively good locations for walking and biking.

- Faria has a high rate of carpooling, would be worth promoting and supporting.

- The schools with the highest spring '18 rates are: Walking (Garden Gate), Biking (CHS), FV (Faria), School Bus (Stevens Creek), Carpool (Faria), Transit (CHS), and Other (Sedgwick).