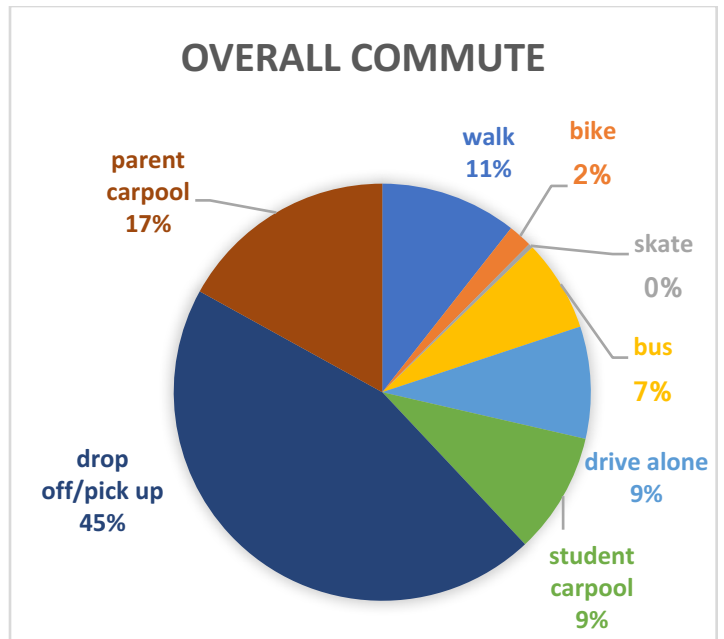


# Montgomery High School

## Overall

- 2.1 Average distance traveled to school
- 80% of the time students drive to school
- 71 % of those students drive 100% of the time.
- 12% of the time, students walk or bike to school
- 7% Students take the bus to school
- 26% of driving trips are carpools
- 2.3 students in the carpool.



## Gas, Cost and CO<sub>2</sub> breakdown

### Average for one student for one week

Gallons of gas	1.1
Cost of gas	\$ 4.08
Total cost	\$ 14.15
Lbs. of CO <sub>2</sub>	22.7

### Average for one student per year (175 days-35 weeks a year)

Gallons of gas	40.2
Cost of gas	\$ 142.75
Total cost	\$ 495.36
Lbs. of CO <sub>2</sub>	793.2

### Average for all students for one week

Gallons of gas	1881
Cost of gas	\$ 6,676.75
Total cost	\$ 23,168.49
Lbs. of CO <sub>2</sub>	37098
Tons CO <sub>2</sub>	19

### Average for all students for one year

Gallons of gas	65827
Cost of gas	\$ 233,686.27
Total cost	\$ 810,897.02
Lbs. of CO <sub>2</sub>	1298420
Tons CO <sub>2</sub>	649

### Average saving over the course of the school year by walking or biking one day a week

#### One Student

Gallons of gas	8.0
Cost of gas	\$ 28.55
Total cost	\$ 99.07
Lbs. of CO <sub>2</sub>	158.6

#### All students

Gallons of gas	13165
Cost of gas	\$ 46,737.25
Total cost	\$ 162,179.40
Lbs. of CO <sub>2</sub>	259684

Tons CO<sub>2</sub> 130

## Assumptions for Calculations

22.0 Average mpg for all vehicles

\$ 3.55 Cost of gas at the time the survey was taken

\$ 0.57 Cost to own and operate a vehicle per mile

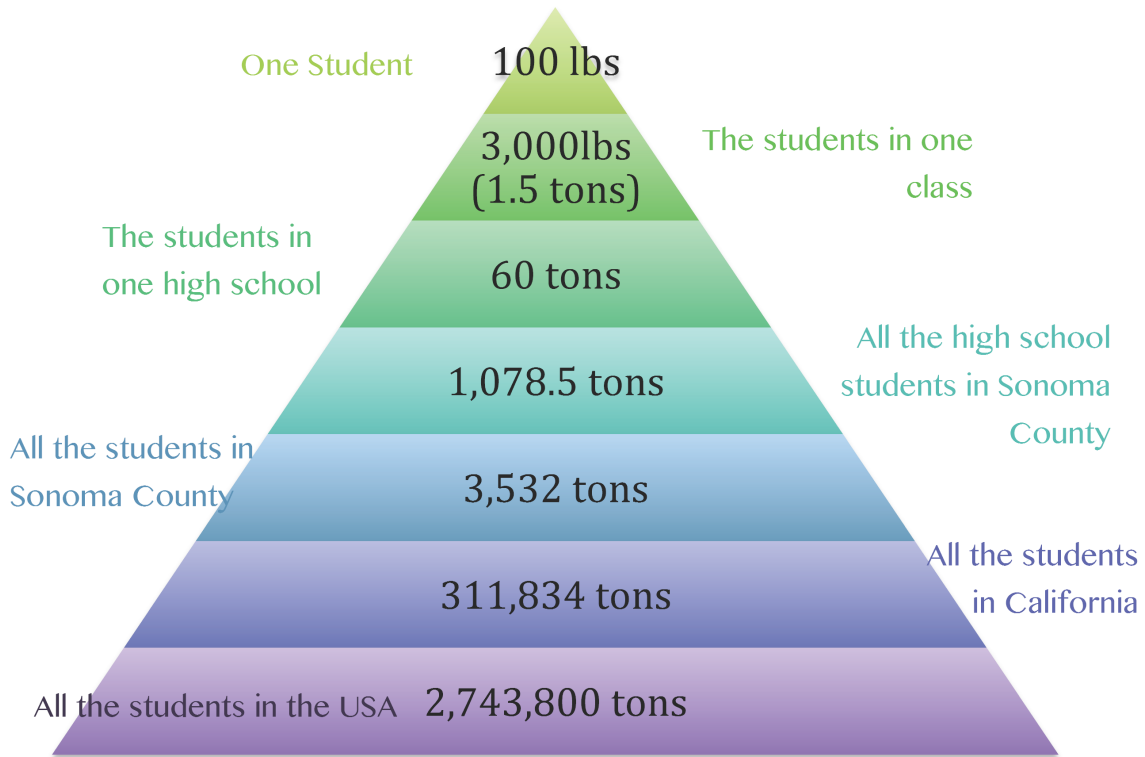
Pounds of CO<sub>2</sub> burned per mile 0.9 cars, 2.68 bus. 2000 pounds per ton

1637 number of students

320 Sample size

# Montgomery High School

How much CO<sub>2</sub> can you save by walking or riding your bike to school one day a week?



## The Power of Collective Action

