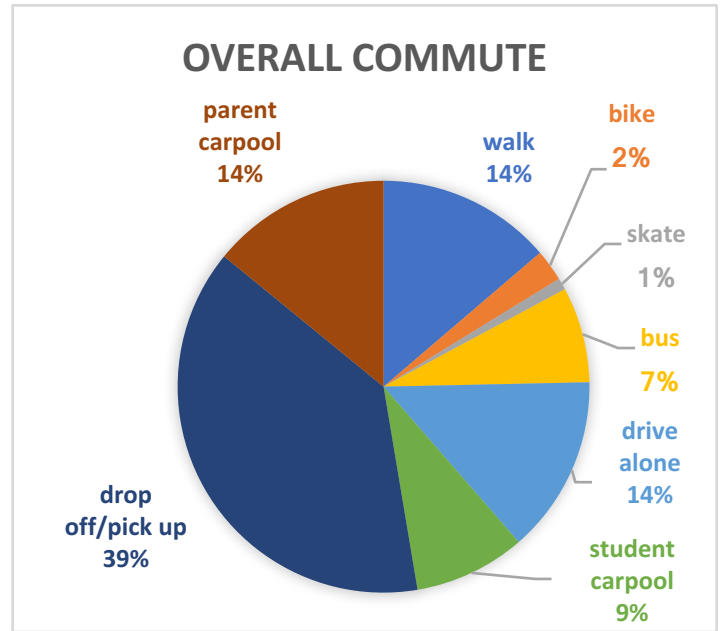


Petaluma High School

Overall

- 2.8 Average distance traveled to school
- 75% of the time students drive to school
- 66 % of those students drive 100% of the time.
- 16% of the time, students walk or bike to school
- 8% Students take the bus to school
- 23% of driving trips are carpools
- 2.3 students in the carpool.



Gas, Cost and CO₂ breakdown

Average for one student for one week

Gallons of gas	1.4
Cost of gas	\$ 4.97
Total cost	\$ 17.19
Lbs. of CO ₂	27.6

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

Gallons of gas	49.0
Cost of gas	\$ 173.82
Total cost	\$ 601.52
Lbs. of CO ₂	965.3

Average for all students for one week

Gallons of gas	1964
Cost of gas	\$ 6,972.71
Total cost	\$ 24,129.47
Lbs. of CO ₂	38721
Tons CO ₂	19

Average for all students for one year

Gallons of gas	68745
Cost of gas	\$ 244,044.99
Total cost	\$ 844,531.34
Lbs. of CO ₂	1355227
Tons CO ₂	678

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

One Student

Gallons of gas	9.8
Cost of gas	\$ 34.76
Total cost	\$ 120.30
Lbs. of CO ₂	193.1



All students

Gallons of gas	13749
Cost of gas	\$ 48,809.00
Total cost	\$ 168,906.27
Lbs. of CO ₂	271045



Tons CO₂ 136

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 CO₂ burned per mile 0.9 cars, 2.68 bus. 2000 pounds per ton
- 1404 number of students
- 337 Sample size