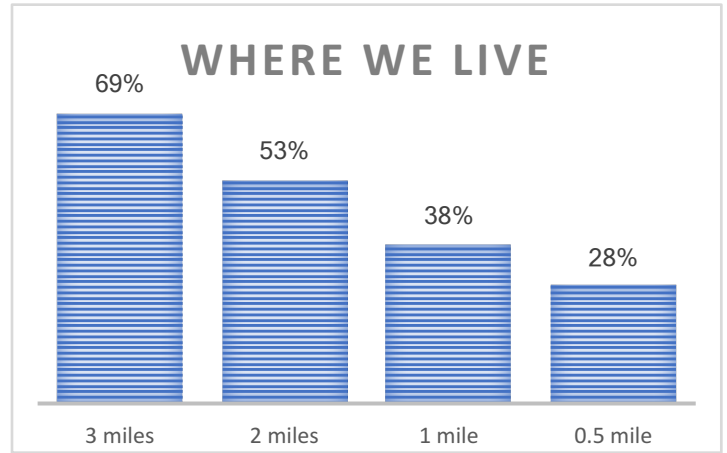


Sonoma Valley High School

Overall

- 2.5 Average distance traveled to school
- 73% of the time students drive to school
- 53 % of those students drive 100% of the time.
- 8% of the time, students walk or bike to school
- 11% Students take the bus to school
- 15% of driving trips are carpools
- 2.5 students in the carpool.



Gas, Cost and CO₂ breakdown

Average for one student for one week

Gallons of gas	1.1
Cost of gas	\$ 3.76
Total cost	\$ 12.84
Lbs. of CO ₂	20.8

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

Gallons of gas	37.1
Cost of gas	\$ 131.60
Total cost	\$ 449.42
Lbs. of CO ₂	728.9

Average for all students for one week

Gallons of gas	1377
Cost of gas	\$ 4,887.95
Total cost	\$ 16,692.66
Lbs. of CO ₂	27072
Tons CO ₂	14

Average for all students for one year

Gallons of gas	48191
Cost of gas	\$ 171,078.14
Total cost	\$ 584,243.27
Lbs. of CO ₂	947507
Tons CO ₂	474

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

One Student

Gallons of gas	7.4
Cost of gas	\$ 26.32
Total cost	\$ 89.88
Lbs. of CO ₂	145.8



All students

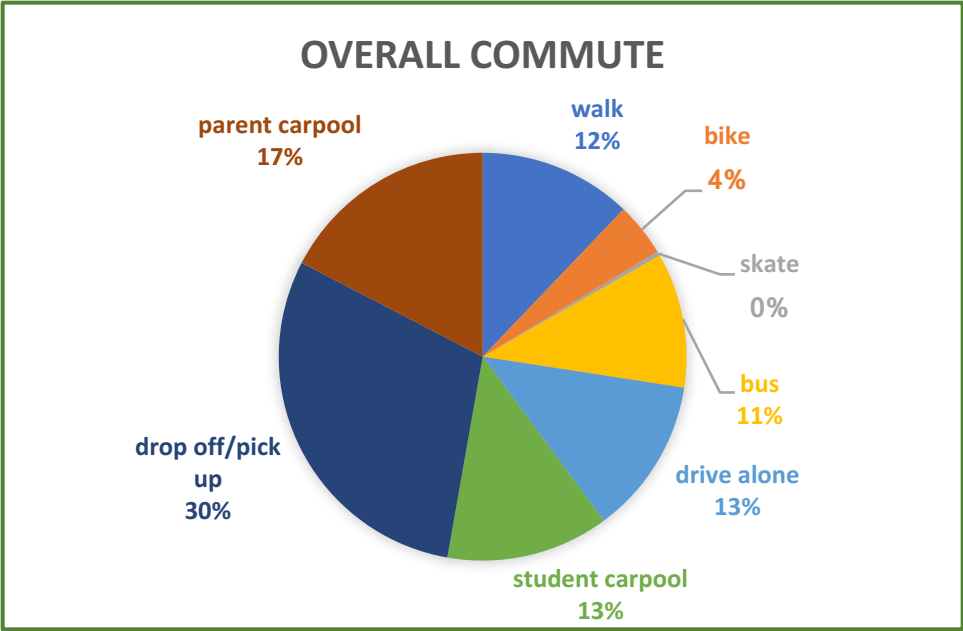
Gallons of gas	9638
Cost of gas	\$ 34,215.63
Total cost	\$ 116,848.65
Lbs. of CO ₂	189501
Tons CO ₂	95



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
- 1300 number of students
- 428 Sample size

Sonoma Valley High School



How We Roll

