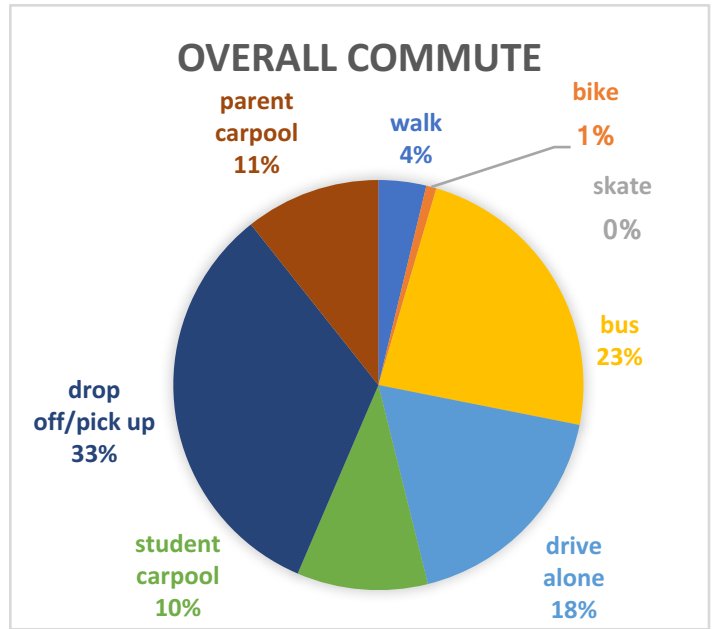


ElMolino High School

Overall

- 5.3 Average distance traveled to school
- 72% of the time students drive to school
- 63 % of those students drive 100% of the time.
- 5% of the time, students walk or bike to school
- 24% Students take the bus to school
- 21% of driving trips are carpools
- 2.6 students in the carpool.



Gas, Cost and CO₂ breakdown

Average for one student for one week

Gallons of gas	2.5
Cost of gas	\$ 9.03
Total cost	\$ 29.78
Lbs. of CO ₂	49.6

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

Gallons of gas	89.0
Cost of gas	\$ 315.88
Total cost	\$ 1,042.35
Lbs. of CO ₂	1737.7

Average for all students for one week

Gallons of gas	1452
Cost of gas	\$ 5,153.38
Total cost	\$ 17,005.28
Lbs. of CO ₂	28349
Tons CO ₂	14

Average for all students for one year

Gallons of gas	50808
Cost of gas	\$ 180,368.18
Total cost	\$ 595,184.70
Lbs. of CO ₂	992226
Tons CO ₂	496

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

One Student

Gallons of gas	17.8
Cost of gas	\$ 63.18
Total cost	\$ 208.47
Lbs. of CO ₂	347.5

All students

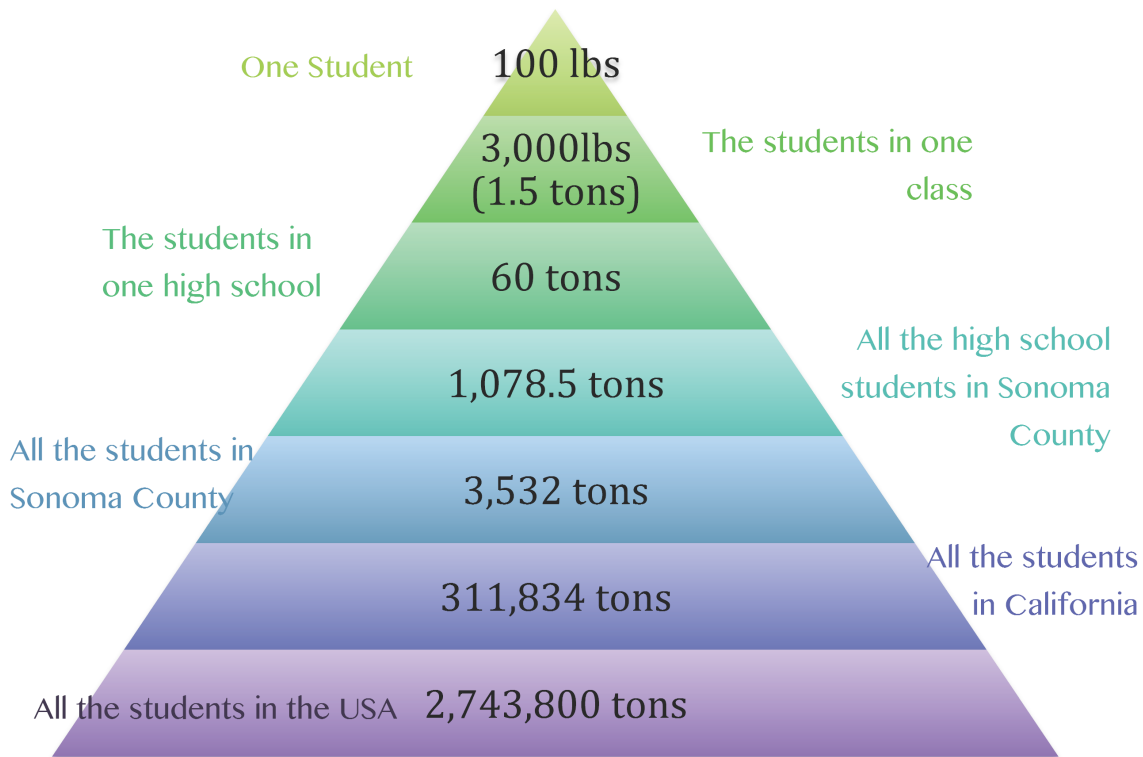
Gallons of gas	10162
Cost of gas	\$ 36,073.64
Total cost	\$ 119,036.94
Lbs. of CO ₂	198445
Tons CO ₂	99

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
- 571 number of students
- 250 Sample size

ElMolino High School

How much CO₂ can you save by walking or riding your bike to school one day a week?



The Power of Collective Action



Choose active and shared transportation to lower your commute carbon footprint.

Walking one mile takes 15-20 minutes.

Biking one mile takes 7 minutes.

Walking and biking to school addresses three tiers of health.

Personal Health

The USDA recommends teens get 1 hour of physical activity a day.

Walking to and from school meets 2/3 of that requirement.

Community Health

Getting students to school makes up 15-20 percent of morning traffic

Walking and biking alleviates traffic congestion, and improves air quality.

Environmental Health

60 percent of Sonoma County's carbon footprint comes from transportation.

Walking and biking to school one day a week saves 100 pounds of carbon per school year.