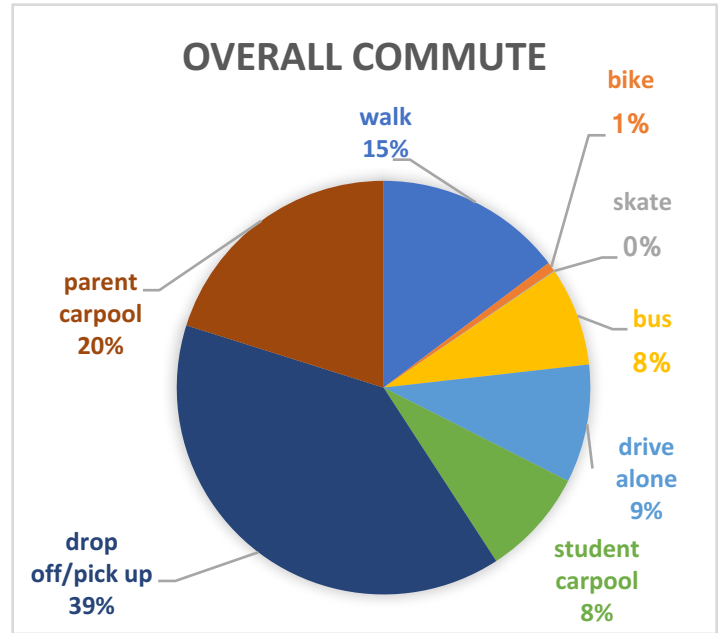


Piner High School

Overall

- 1.9 Average distance traveled to school
- 77% of the time students drive to school
- 67 % of those students drive 100% of the time.
- 15% of the time, students walk or bike to school
- 8% Students take the bus to school
- 29% 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	0.9
Cost of gas	\$ 3.33
Total cost	\$ 11.53
Lbs. of CO ₂	18.5

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

Gallons of gas	32.9
Cost of gas	\$ 116.70
Total cost	\$ 403.56
Lbs. of CO ₂	648.0

Average for all students for one week

Gallons of gas	1293
Cost of gas	\$ 4,591.24
Total cost	\$ 15,877.39
Lbs. of CO ₂	25492
Tons CO ₂	13

Average for all students for one year

Gallons of gas	45266
Cost of gas	\$ 160,693.31
Total cost	\$ 555,708.73
Lbs. of CO ₂	892237
Tons CO ₂	446

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

One Student

Gallons of gas	6.6
Cost of gas	\$ 23.34
Total cost	\$ 80.71
Lbs. of CO ₂	129.6



All students

Gallons of gas	9053
Cost of gas	\$ 32,138.66
Total cost	\$ 111,141.75
Lbs. of CO ₂	178447



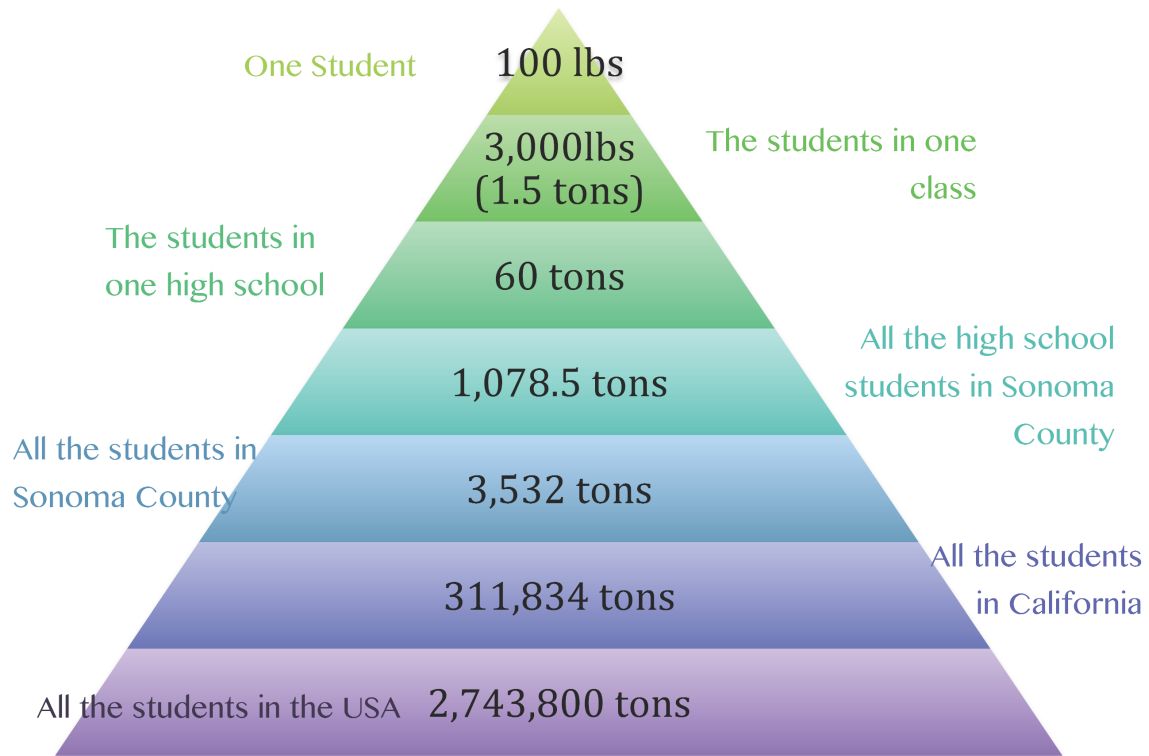
Tons CO₂ 89

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
- 1377 number of students
- 302 Sample size

Piner 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

