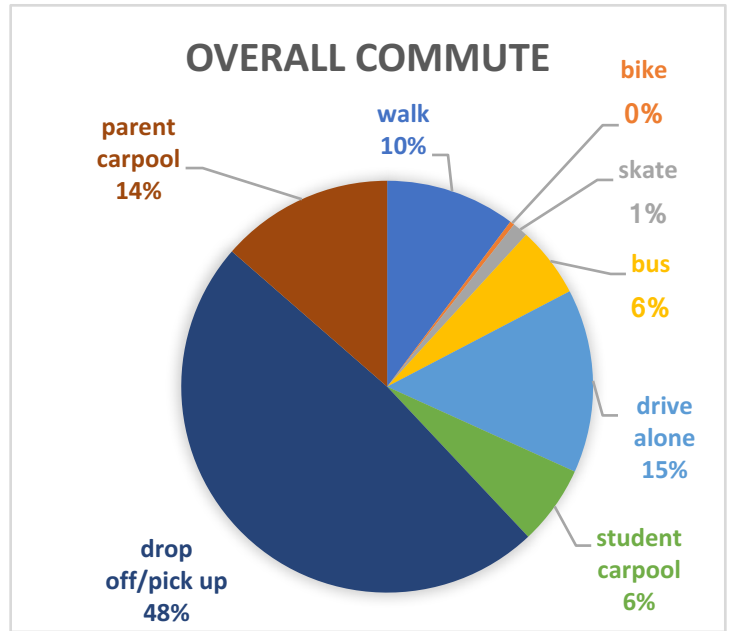


Santa Rosa High School

Overall

- 2.6 Average distance traveled to school
- 83% of the time students drive to school
- 75 % of those students drive 100% of the time.
- 11% of the time, students walk or bike to school
- 6% Students take the bus to school
- 20% 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	1.5
Cost of gas	\$ 5.33
Total cost	\$ 18.58
Lbs. of CO ₂	29.6

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

Gallons of gas	52.6
Cost of gas	\$ 186.56
Total cost	\$ 650.40
Lbs. of CO ₂	1037.6

Average for all students for one week

Gallons of gas	2895
Cost of gas	\$ 10,277
Total cost	\$ 35,828
Lbs. of CO ₂	57155
Tons CO ₂	29

Average for all students for one year

Gallons of gas	101322
Cost of gas	\$ 359,693
Total cost	\$ 1,253,978
Lbs. of CO ₂	2000433
Tons CO ₂	1000

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

One Student

Gallons of gas	10.5
Cost of gas	\$ 37.31
Total cost	\$ 130.08
Lbs. of CO ₂	207.5



All students

Gallons of gas	20264
Cost of gas	\$ 71,938.52
Total cost	\$ 250,795.59
Lbs. of CO ₂	400087



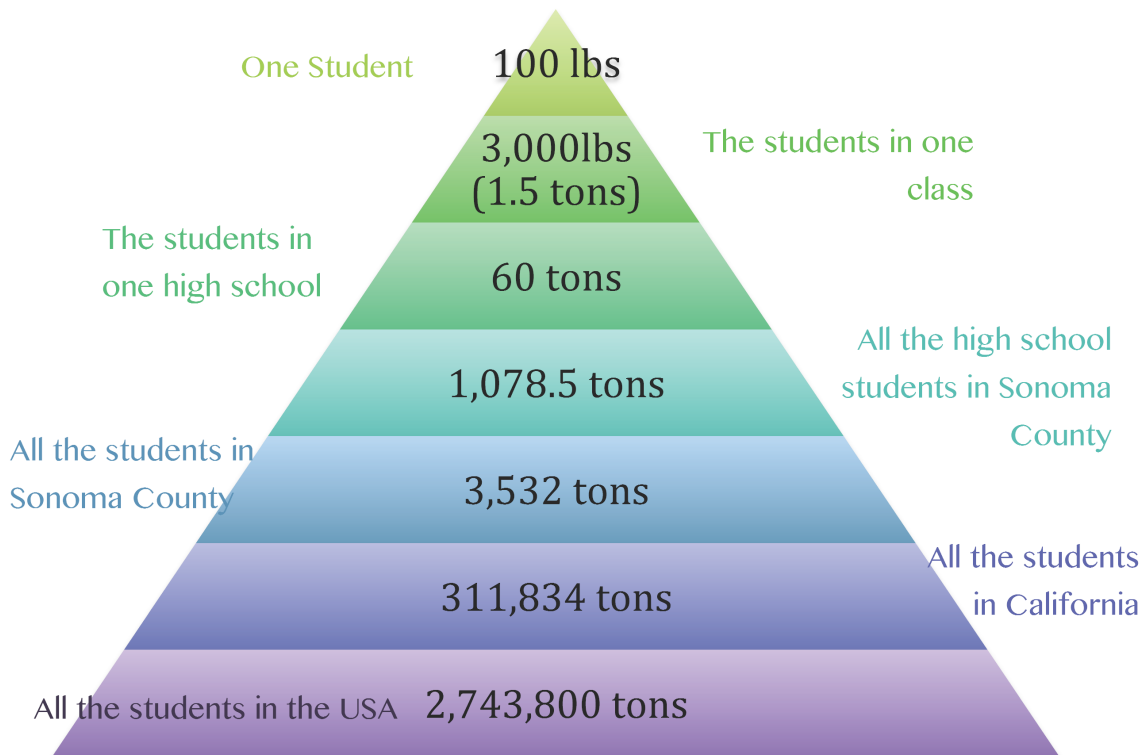
Tons CO₂ 200

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
- 1928 number of students
- 334 Sample size

Santa Rosa 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

