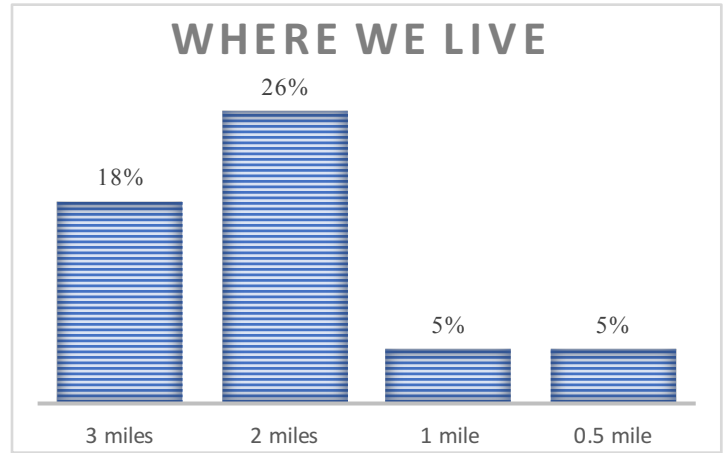


# Roseland Collegiate Prep High School

## Overall

- 264 number of students
- 22 Sample size
- 2.8 Average distance traveled to school
- 86% of the time students drive to school
- 82 % of those students drive 100% of the time.
- 8% of the time, students walk or bike to school
- 6% Students take the bus to school
- 31% of driving trips are carpools
- 2.2 students in the carpool.



## Gas, Cost and CO<sub>2</sub> breakdown

### Average for one student for one week

Gallons of gas	1.3
Cost of gas	\$ 4.55
Total cost	\$ 15.74
Lbs. of CO <sub>2</sub>	25.3

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

Gallons of gas	44.8
Cost of gas	\$ 159.18
Total cost	\$ 550.76
Lbs. of CO <sub>2</sub>	883.9

### Average for all students for one week

Gallons of gas	338
Cost of gas	\$ 1,200.68
Total cost	\$ 4,154.30
Lbs. of CO <sub>2</sub>	6667 Tons CO <sub>2</sub>

### Average for all students for one year

Gallons of gas	11838
Cost of gas	\$ 42,023.80
Total cost	\$ 145,400.35
Lbs. of CO <sub>2</sub>	233358 Tons CO <sub>2</sub>

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

### One Student

Gallons of gas	9.0
Cost of gas	\$ 31.84
Total cost	\$ 110.15
Lbs. of CO <sub>2</sub>	176.8



### All students

Gallons of gas	2368
Cost of gas	\$ 8,404.76
Total cost	\$ 29,080.07
Lbs. of CO <sub>2</sub>	46672 Tons CO <sub>2</sub>



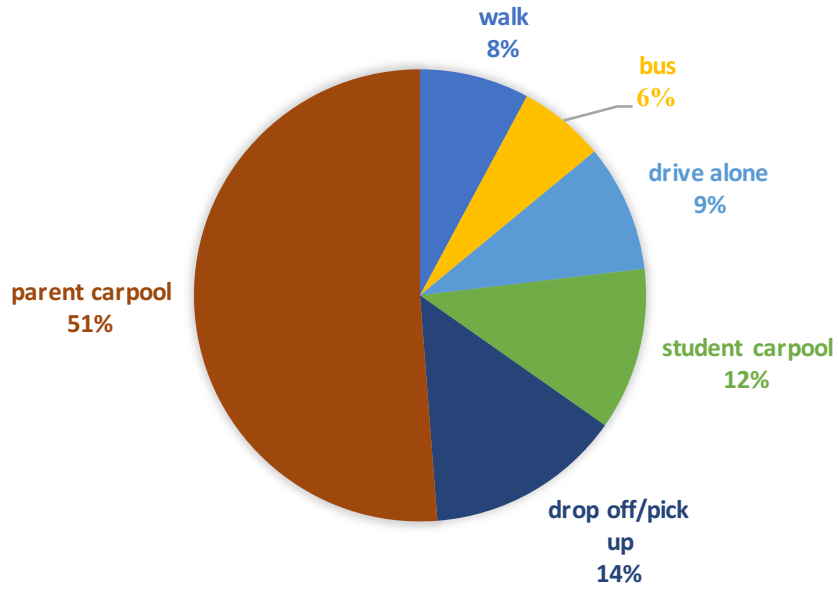
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## Assumptions for Calculations

- 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 CO<sub>2</sub> burned per mile 0.9 cars, 2.68 bus. 2000 pounds per ton

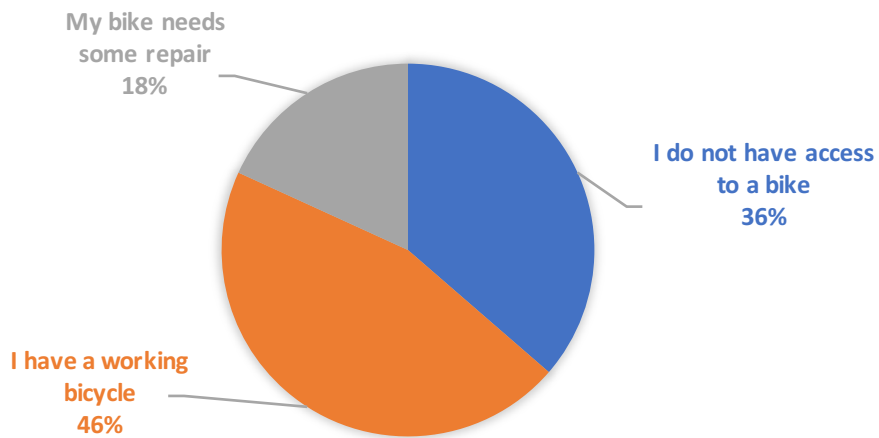
# Roseland Collegiate Prep High School

## OVERALL COMMUTE



## How We Roll

### BICYCLE ACCESS



### FREQUENCY

