



Getting to School

One of the questions on the *CensusAtSchool* online questionnaire 2012/13 asked children:

What is the main way you *usually* travel to school?

- Walk
- Bus
- Car
- Other
- Cycle
- Rail
- Boat



They were also asked to map their journey to school on an online mapping tool to capture the distance and time for this journey.

The total time taken for all 652 pupils to walk to school was 9622 minutes. They travelled a total of 1172 km.

Total number of pupils	Main method of travel	Number of Females	Number of Males
250	Walked	131	119
176	Bus	96	80
19	Cycled	2	17
178	Car	107	71
0	Boat	0	0
12	Rail	6	6
10	Other	1	9
645	Total	346	299
Average(all)		Males	Females
1.8	Average distance in miles	1.84	1.75
14.8	Time in minutes	12.93	16.86

Table 1 How children travel to school - *CensusAtSchool* 2012/13

1. Collect the distances the children in your class travel from home to school and the time it takes them to make this journey.
2. Find the mean distance from home to school and the time taken for this journey for the children in your class.



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- How do the means in question 2 compare to those in Table 1?
- The pie charts and bar charts in figures 1, 2, 3 and 4 display the information in table 1. Draw some charts to illustrate your class's results. Remember to label clearly.

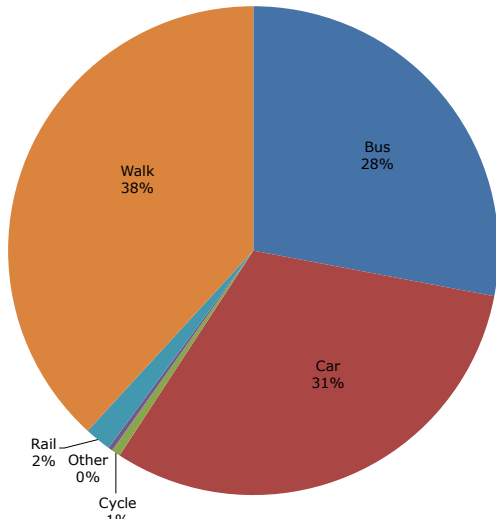


Figure 1 Pie chart to show how girls travel to school *CensusAtSchool 2012/13*

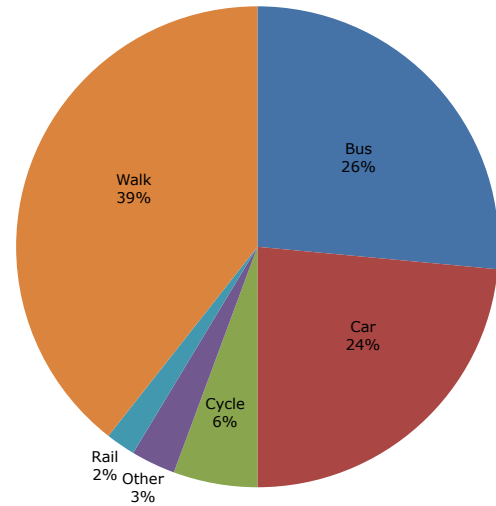


Figure 2 Pie chart to show how boys travel to school *CensusAtSchool 2012/13*

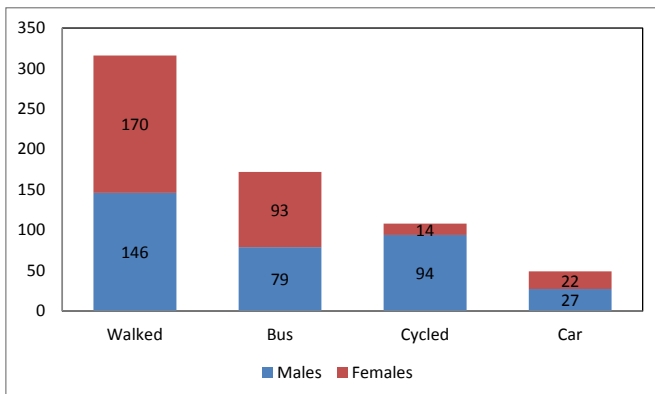


Figure 3 Bar chart to show how boys travel to school *CensusAtSchool 2012/13*

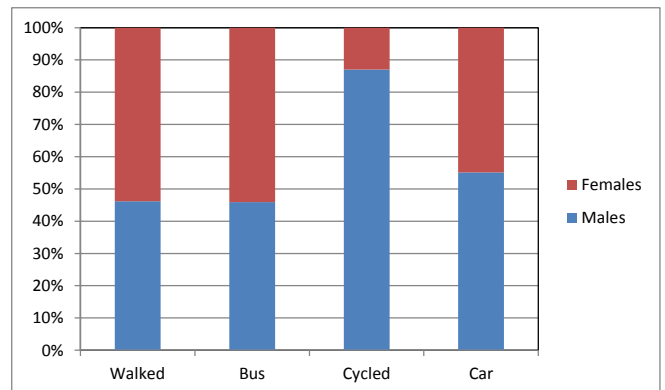


Figure 4 Bar chart to show how girls travel to school *CensusAtSchool 2012/13*

- Write a report using the statistics you have calculated for your class and graphs/charts you have plotted. Include a comparison with the information from *CensusAtSchool 2012/13*. State the reasons for your findings. For example: of the 19 pupils who cycled to school 2 were males and 17 were boys. Why do you think this is the case? Do more boys than girls cycle to school in your class?