

DERBYSHIRE COUNTY COUNCIL

SUSTAINABLE SCHOOL TRAVEL STRATEGY

Part B – What is the Situation in Derbyshire?

Infrastructure Barriers



2007-2011

Infrastructure Barriers identified by Children

As shown above, pupils were asked to choose their preferred mode of travel to/from school. If this was different to their current mode of travel, pupils were then asked what their main reasons were for not choosing this mode of travel.

Figures B10 - B18 highlight the main reasons / concerns as to why pupils prefer not to walk, cycle or travel by bus to school.

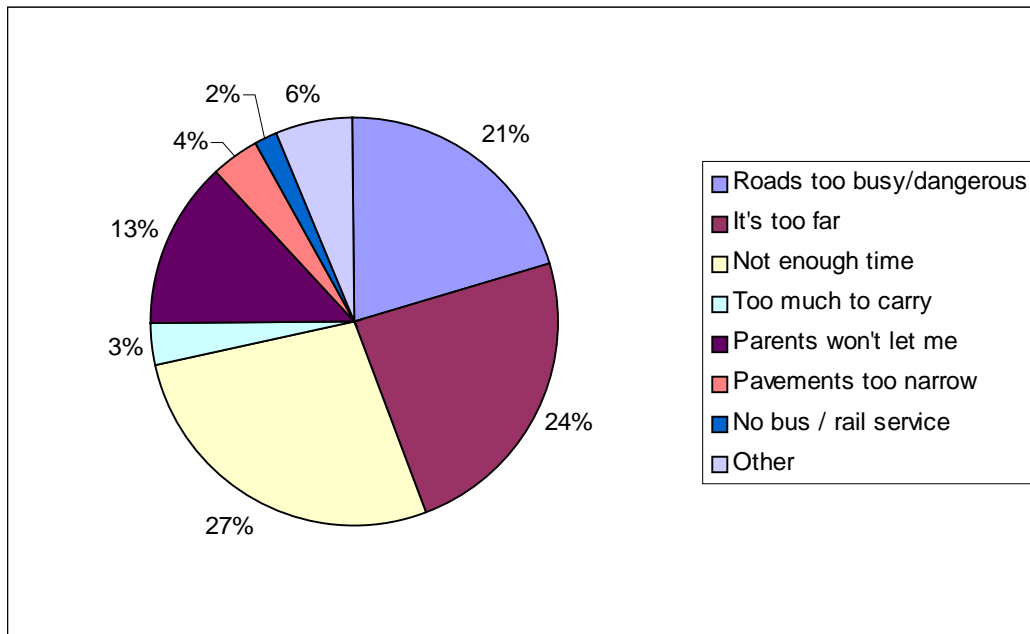


Figure B10: Barriers identified by those Primary pupils who would prefer to walk to school

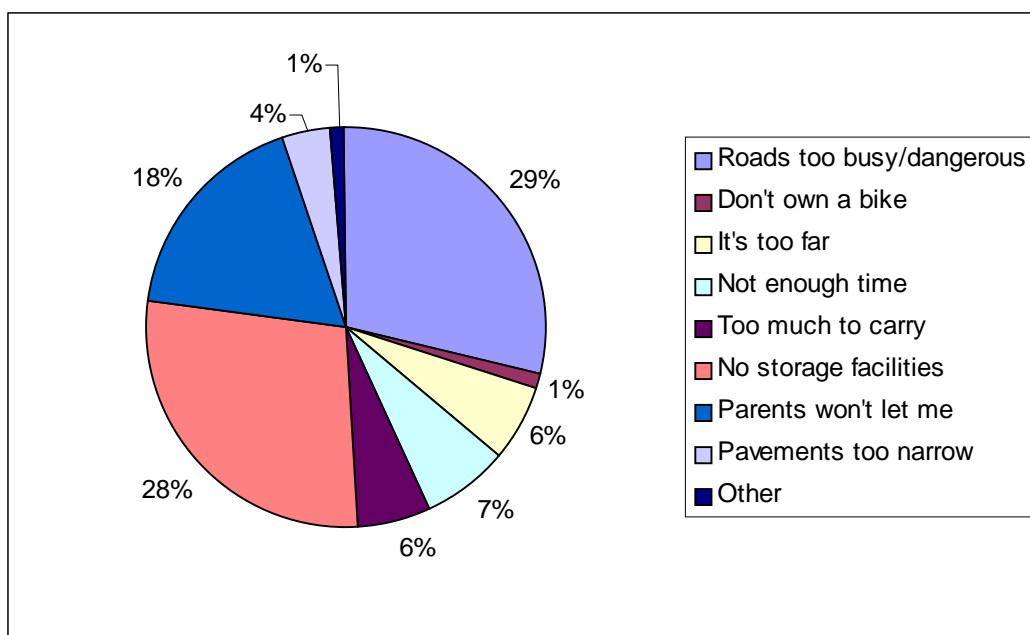


Figure B11: Barriers identified by those Primary pupils who would prefer to cycle to school

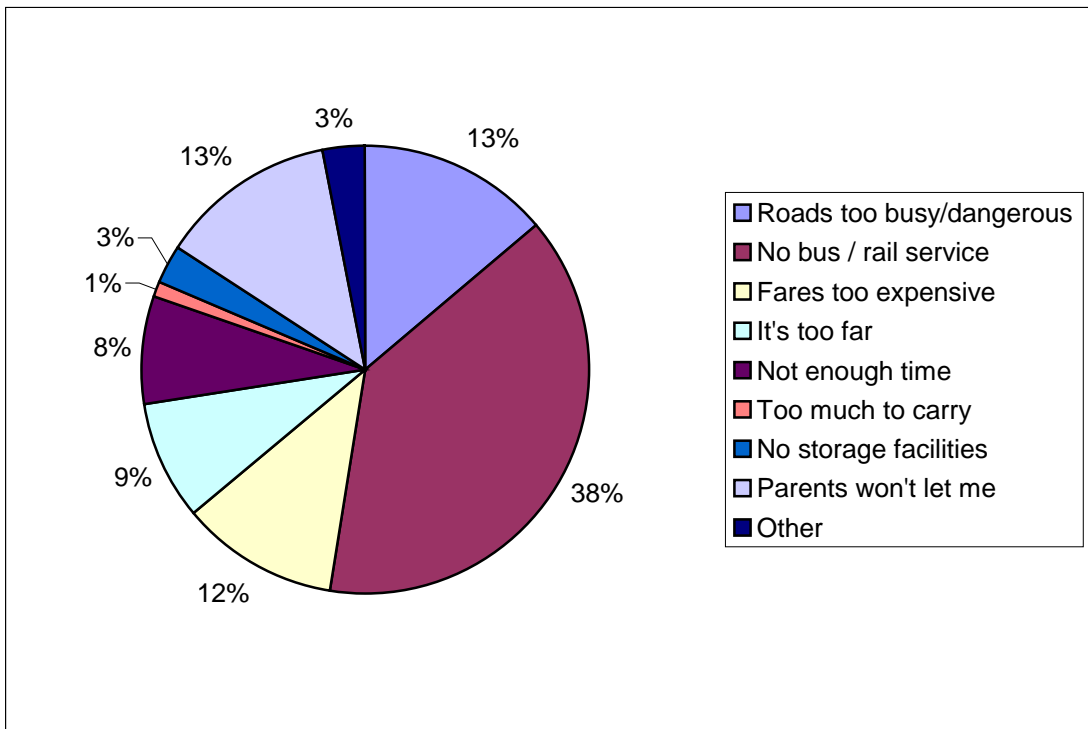


Figure B12: Barriers identified by those Primary pupils who would prefer to take the bus to school

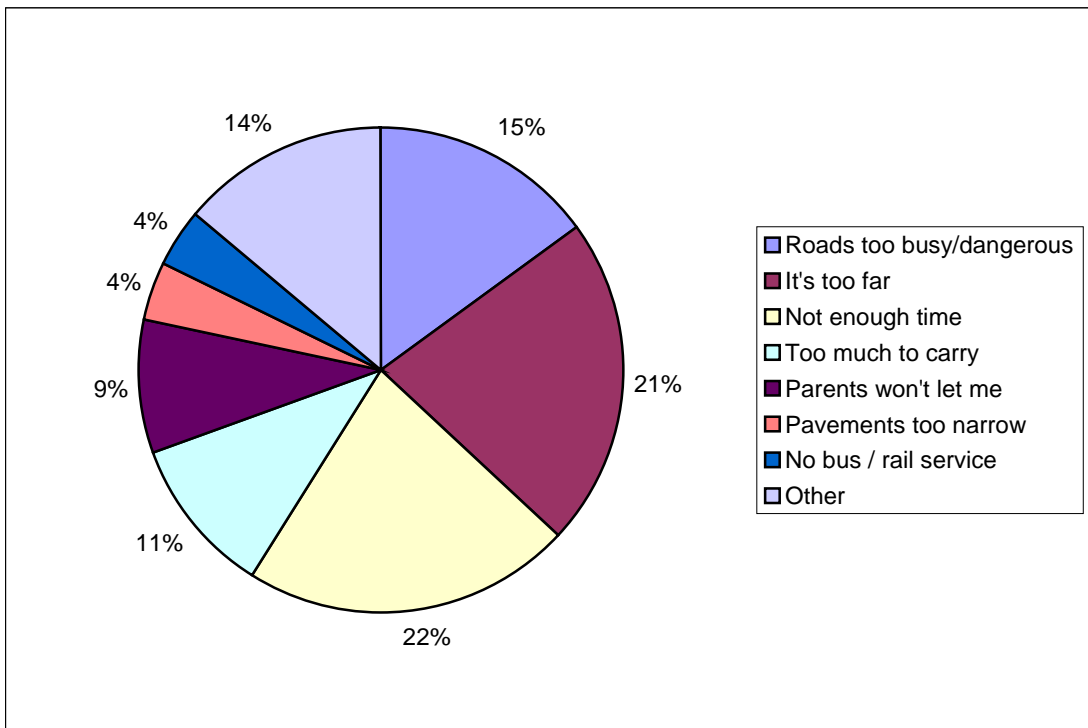


Figure B13: Barriers identified by those Secondary pupils who would prefer to walk to school

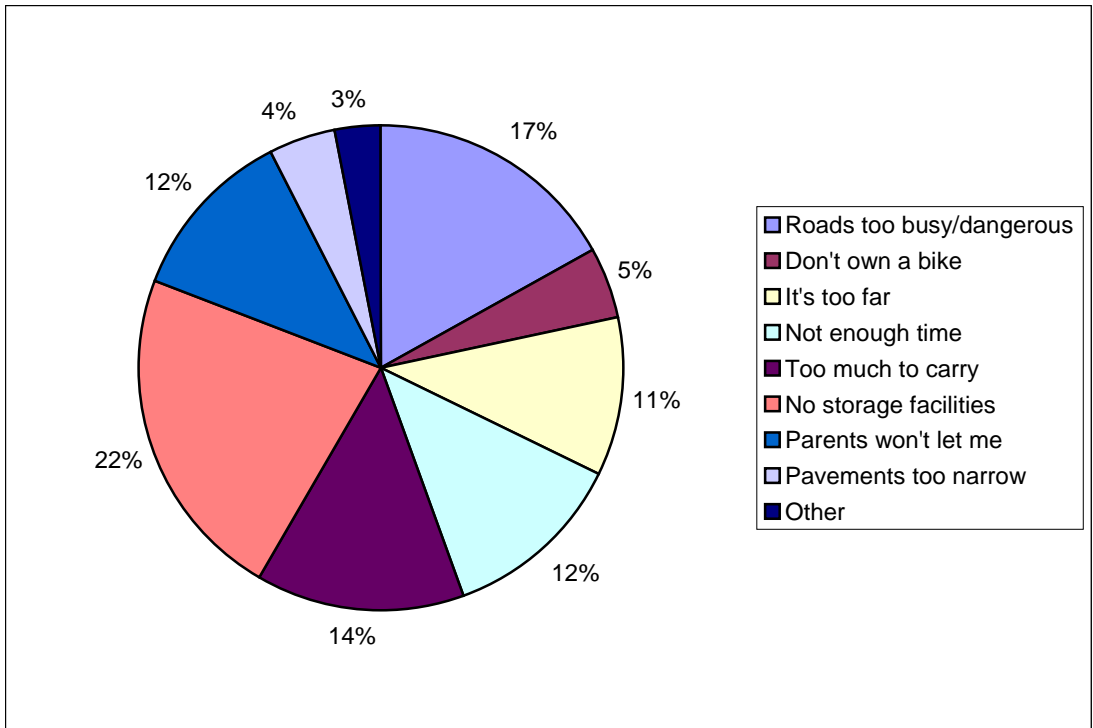


Figure B14: Barriers identified by those Secondary pupils who would prefer to cycle to school

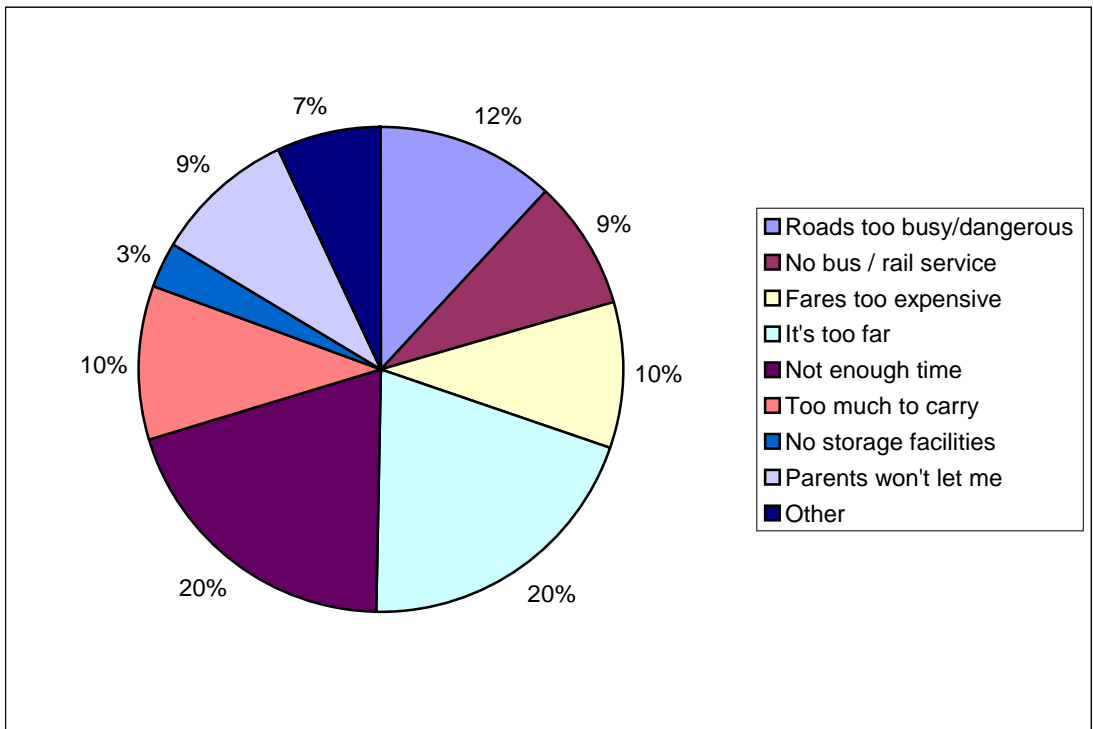


Figure B15: Barriers identified by those Secondary pupils who would prefer to take the bus to school

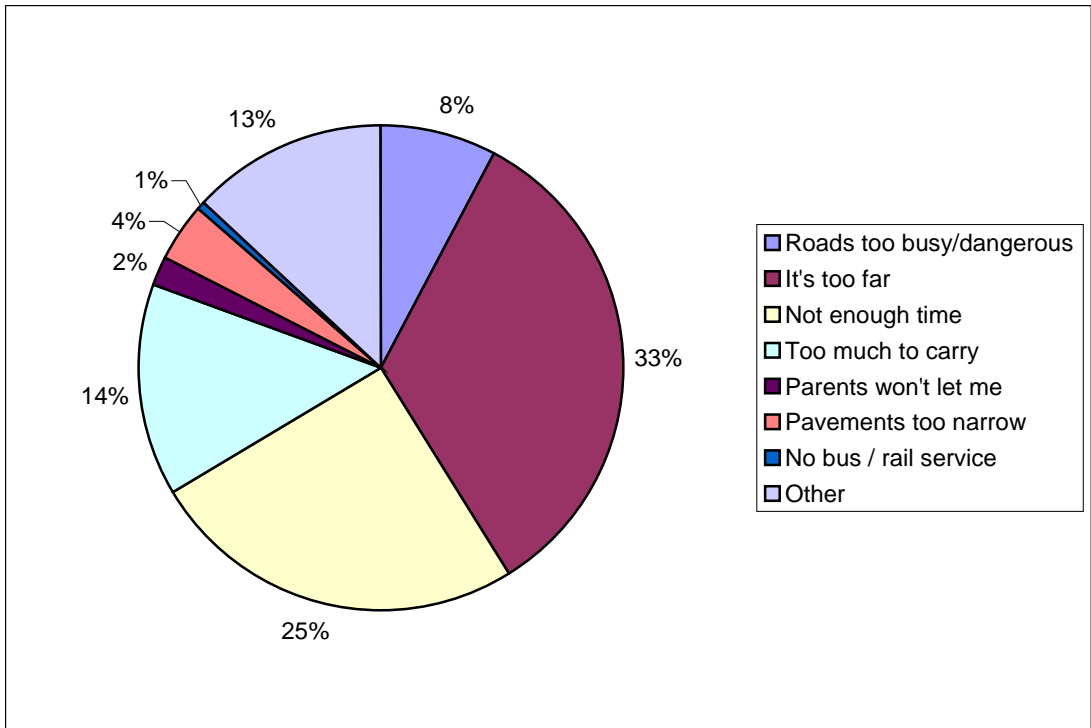


Figure B16: Barriers identified by those Sixth-form pupils who would prefer to walk to school

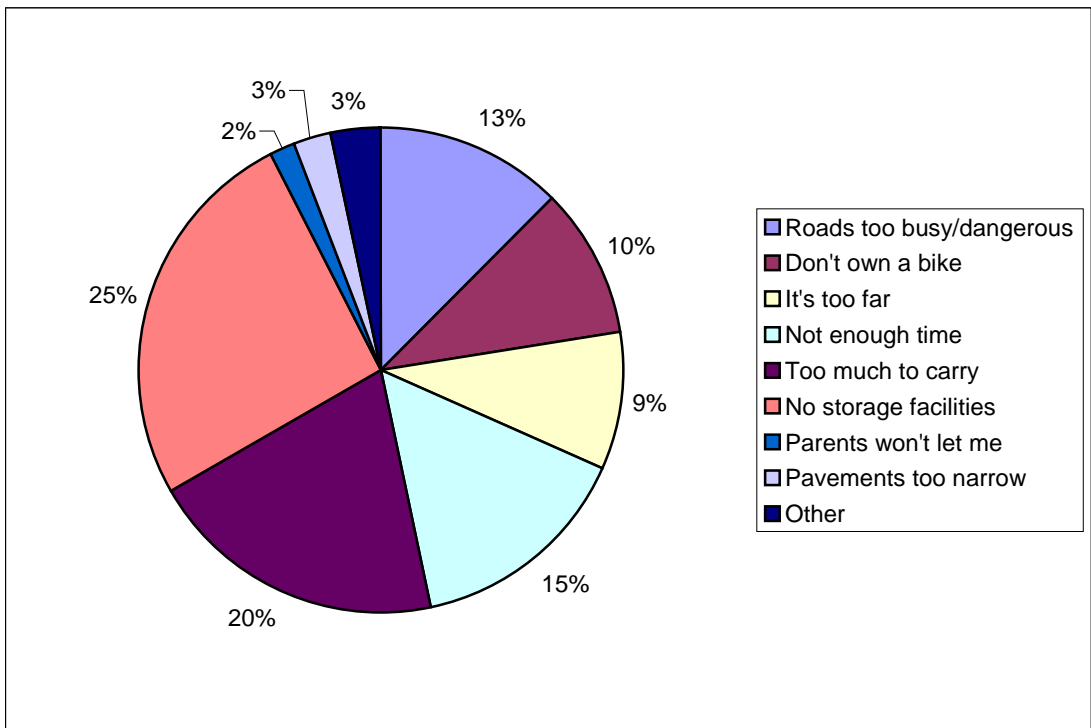


Figure B17: Barriers identified by those Sixth-form pupils who would prefer to cycle to school

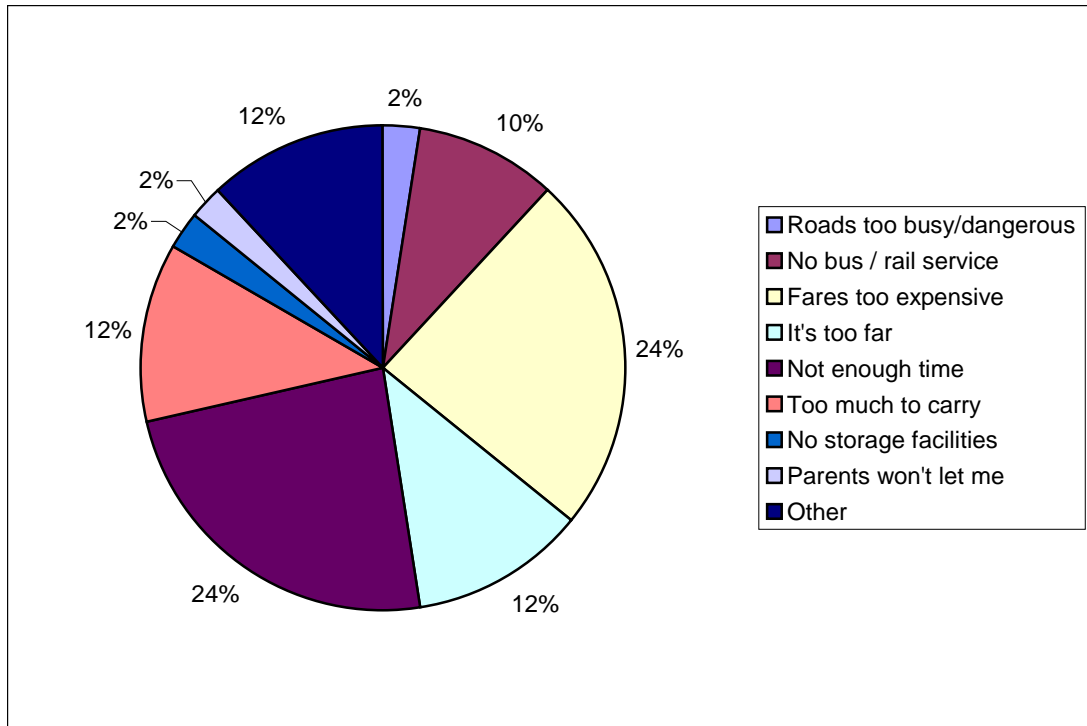


Figure B18: Barriers identified by those Sixth-form pupils who would prefer to take the bus to school

The above analysis identified that cycling had the most apparent potential to provide additional sustainable trips to School (though it is recognised that its potential will vary widely from school to school). An assessment of the barriers for cycling identify that lack of storage facilities and the requirement to carry loads to and from schools are the key barriers to this mode in Derbyshire. For Primary school pupils, parental objections become more important.

Distance is the key barrier to increased walking to school. For buses, the key barriers become apparent at Sixth Form age, in terms of fare level and time.

Figures B19 – B22 show the perceived barriers to Sustainable Travel in terms of Gender at both Secondary and Post-16 level.

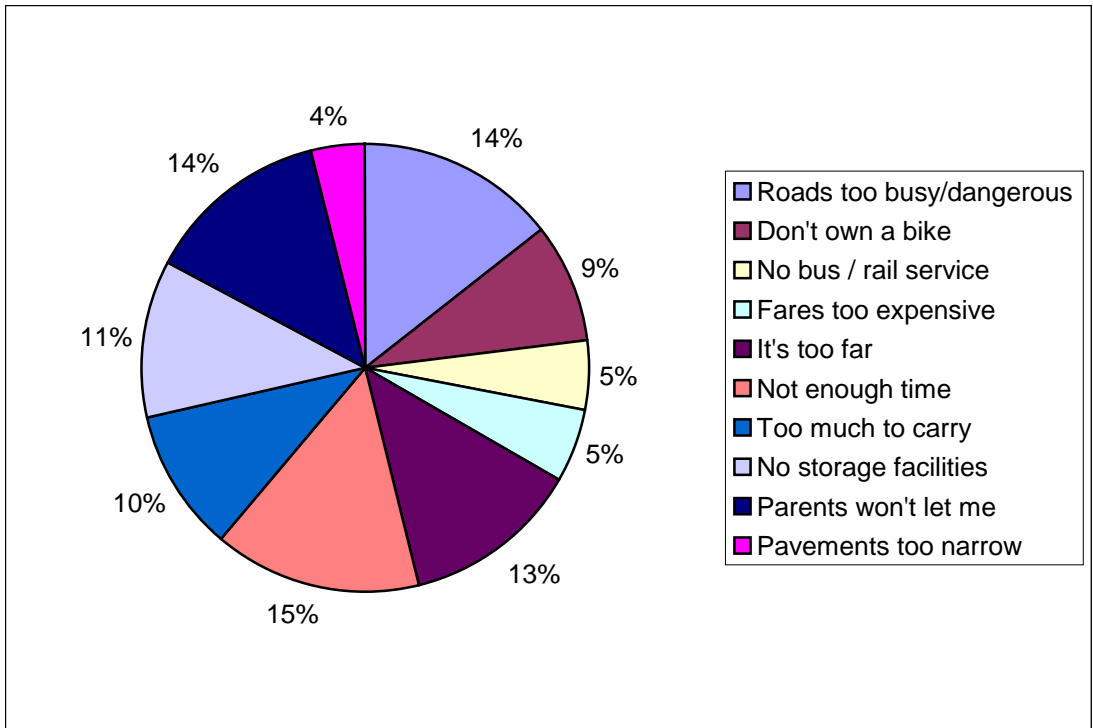


Figure B19: Barriers to Travel for Males, Secondary Age

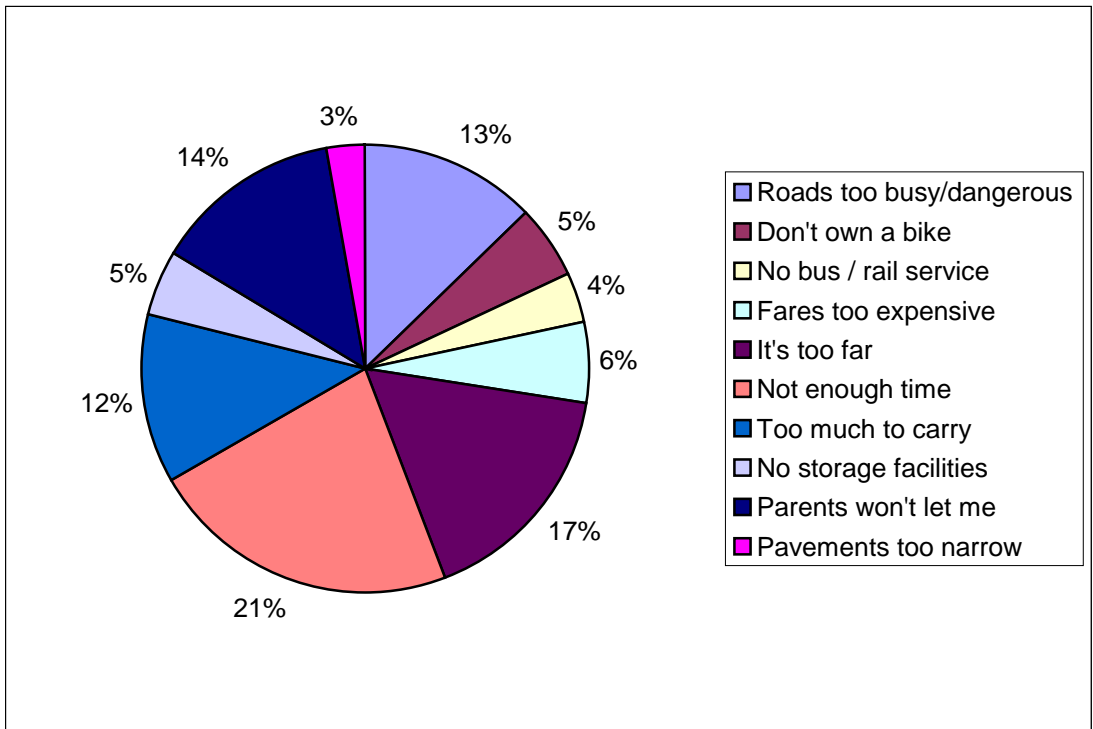


Figure B20: Barriers to Travel for Females, Secondary Age

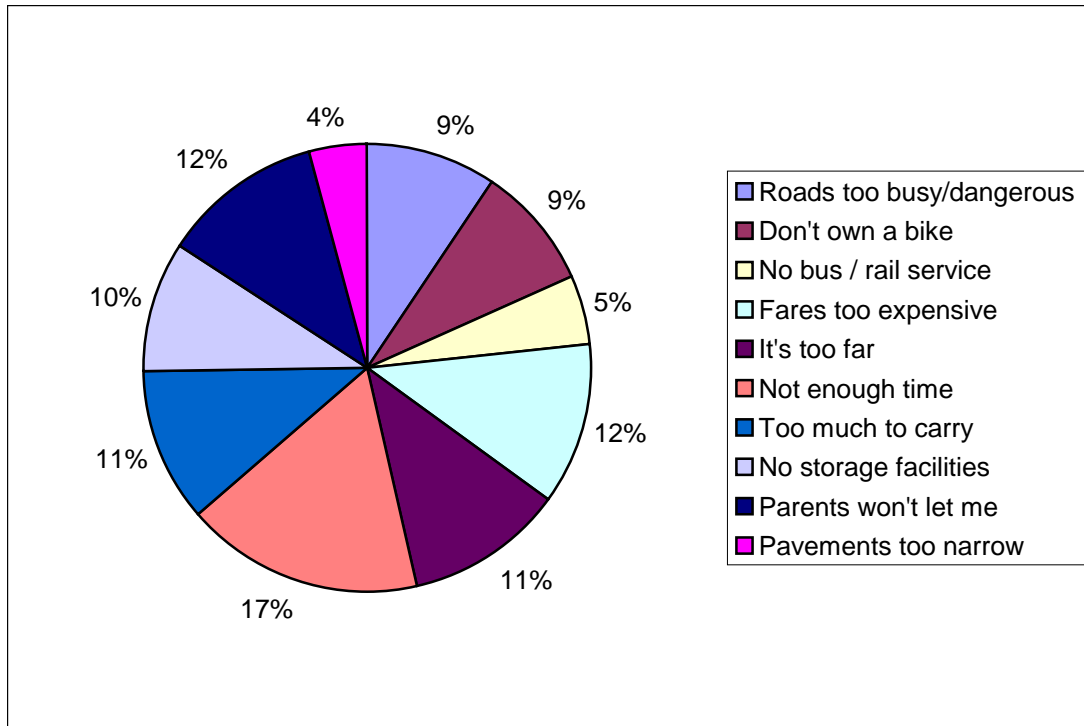


Figure B21: Barriers to Travel for Males, Sixth Form Age

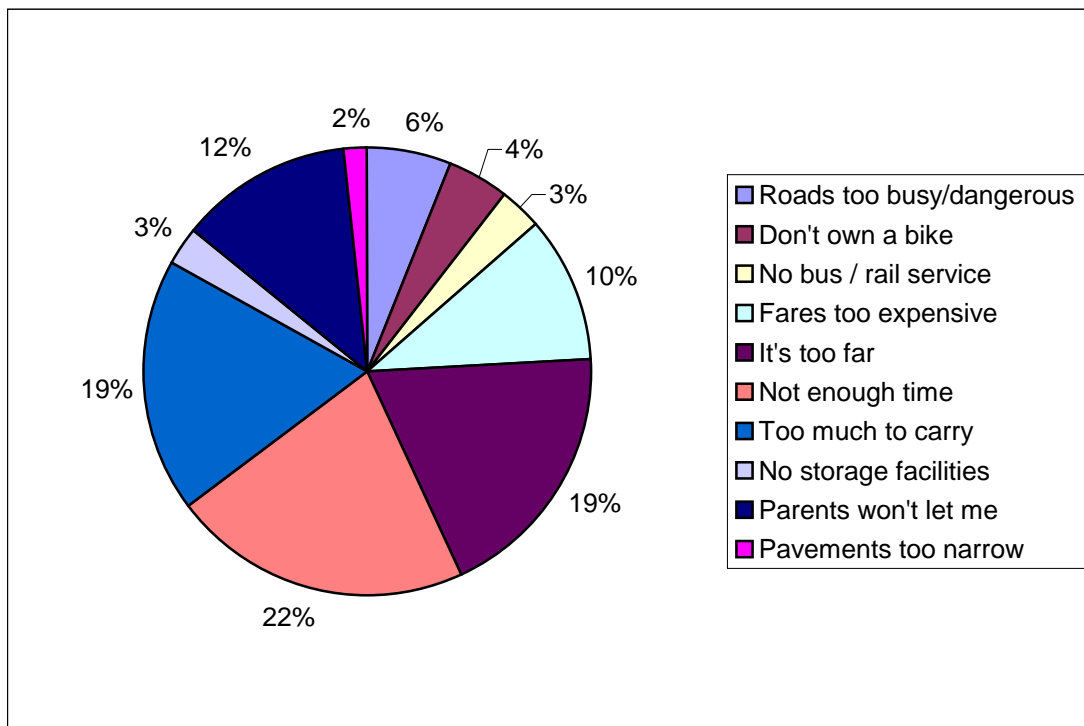


Figure B22: Barriers to Travel for Females, Sixth Form Age

The above figures show that there are few significant differences in the perceived barriers between the genders. Generally, a lack of storage is of more concern to males than females, and parental influence is a larger factor for sixth-form age females than males.

In addition to the checklist, children in Derbyshire were asked to provide additional information regarding the reasons behind their travel choices. The following table summarises the main additional reasons given for Travel Mode choice; categorised by Actual Mode.

Ranking	Walking	Cycling
1	Child too Young	Lack of storage option
2	Bad Weather	Fear over bike theft
3	Pavements are too narrow/ Lack of foot paths	Fear that bike could be Vandalised/Damaged
4	Child lives too far away from school to walk	Safety Concerns
5	Safety Concerns	School doesn't allow bikes
Ranking	Bus	Car Share
1	No Bus	Don't know anyone else interested in car sharing
2	Bus is unreliable	No room in the car
3	Smoking and Bad Behaviour	Don't know anyone that lives nearby
4	Bus Busy / Full	Children have to travel to different schools
5	Bus leaves too early	Car not available
Ranking	Train	
1	Train timetable not suitable	
2	Trains are usually delayed	
3	No station nearby	
4	No rail service	

Table B7: Additional Influences on Travel Behaviour, grouped by Sustainable Mode Preference

Ranking	Car
1	Parents drop child off on the way to work
2	Parents are at work
3	Parents can't Drive
4	Car not Available
5	Depends on the Weather

Table B8: Additional Influences on Travel Behaviour - Car