

Cars Galore



Following are a number of statistics and tasks all about cars and car ownership in the UK

OWNERSHIP OF CARS

Car ownership 1997
Source: NS Regional Trends

%	No Car	One car	Two cars	3+ Cars
U.K.	30	45	21	4
North East	43	41	14	3
North West	31	44	21	4
YorksHumb	34	44	19	3
E Midlands	27	45	23	6
W Midlands	32	41	23	5
Easter	23	49	23	6
London	39	43	16	3
South East	19	44	28	8
South West	24	48	23	5

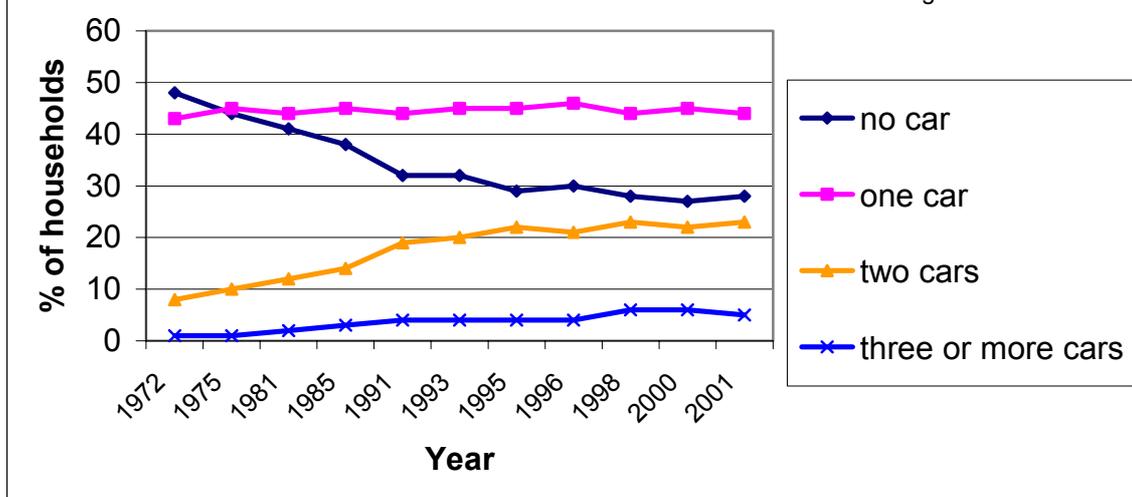
CensusAtSchool 2000/1

%	No Cars	One car	Two cars	3+ cars
UK	8	37	42	13

1. Which region appears to have the most cars per household? What reasons can you think of for this?
2. Explain why London and the North East seem to have more households with no cars.
3. Why are the National Statistics and CensusAtSchool figures so different from each other?
4. Looking at the graph below, try to think of reasons for households having no car.

Car Ownership 1972 - 2001

Source: NS Regional Trends



TRAFFIC ON OUR ROADS

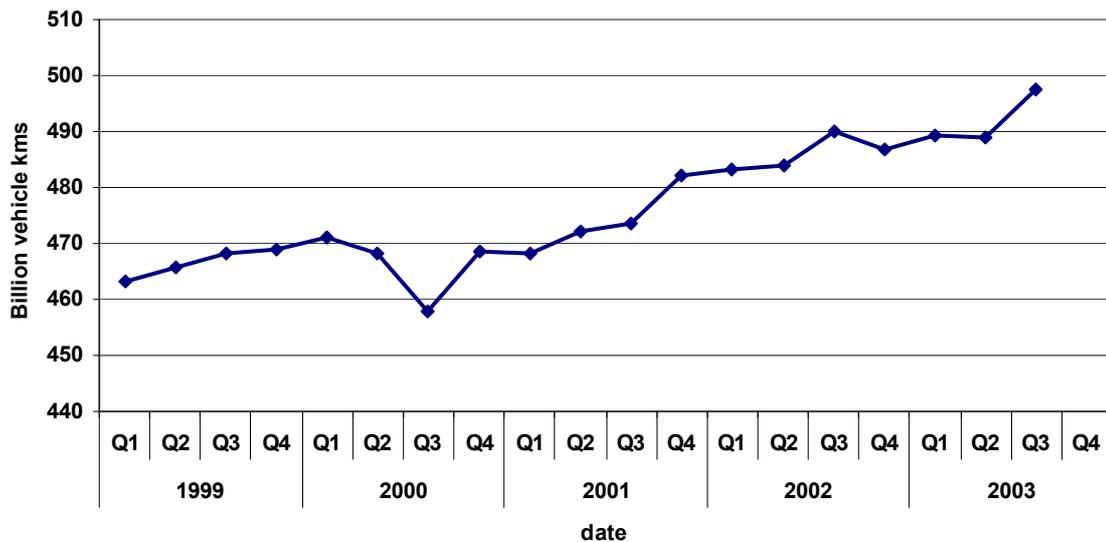
Road Traffic in Great Britain

	Billion vehicle kms
1993	412
1994	421
1995	430
1996	441
1997	450
1998	460
1999	467
2000	467
2001	474
2002	486

Traffic is measured by counting how many kilometres of road is driven on by vehicles. As you can see by the table above this runs into billions!

1. Do you think that there are more cars on the roads now than a few years ago? What evidence do you have for your view?
2. Using the National Statistics figures given in the table on the left, draw a line graph to show the amount of road traffic over the last ten years.
3. Does the graph support or oppose your view given in question 1?
4. Below is a more detailed analysis of the last few years. When do you think we will hit 500 billion vehicle kms? Can you predict when it will hit 600 billion? Why might your estimate not be very accurate?
5. Investigate the sudden dip in road traffic in the third quarter of 2000. What caused this?

Road Traffic in Great Britain
Source - Dept of Transport



Q1 means the first 3 months of the year. Q2 months 4,5&6 etc

EXTENSION TASK: Does the type of house determine how many cars the household owns?



1. The data below comes from Phase 1 of CensusAtSchool in Autumn 2000. It is a two-way table that shows both the type of house and how many cars that household owns.
 - a. How many households took part in the survey?
 - b. What proportion of flats have two cars?
 - c. Which type of house is most likely to own one car? (be careful!)
2. Draw a comparative bar graph to illustrate the data.
3. What conclusions can you draw from the graph?
4. Where do you think you could find some more evidence to support your findings?
5. CensusAtSchool also has data relating travel to school to the number of cars in a household. Download the data from www.censusatschool.ntu.ac.uk/table18a.asp and investigate it.

Number of cars in household and type of accommodation

	Total	No Car	One Car	Two Cars	Three or more Cars
Total	33,168	2,735	12,302	13,918	4,213
Detached house	10,869	283	2,492	6,068	2,026
Semi-detached house	13,561	1,091	5,681	5,401	1,388
Terraced house	6,594	938	3,372	1,822	462
Flat	780	179	360	170	71
Other	911	90	254	346	221
Not specified	453	154	143	111	45