

- 10** The table shows the increases, between 2001 and 2011, in the percentages of employees travelling to work by various methods, in the Local Authorities (LAs) in the North East region of the UK.

Geography code	Local authority	Work mainly at or from home	Underground, metro, light rail or tram	Bus, minibus or coach	Driving a car or van	Passenger in a car or van	On foot
E06000047	County Durham	0.74%	0.05%	−1.50%	4.58%	−2.99%	−0.97%
E06000005	Darlington	0.26%	−0.01%	−3.25%	3.06%	−1.28%	0.99%
E08000020	Gateshead	−0.01%	−0.01%	−2.28%	4.62%	−2.35%	−0.18%
E06000001	Hartlepool	0.03%	−0.04%	−1.62%	4.80%	−2.38%	−0.26%
E06000002	Middlesbrough	−0.34%	−0.01%	−2.32%	2.19%	−1.33%	0.67%
E08000021	Newcastle upon Tyne	0.10%	−0.23%	−0.67%	−0.48%	−1.51%	1.75%
E08000022	North Tyneside	0.05%	0.54%	−1.18%	3.30%	−2.21%	−0.60%
E06000048	Northumberland	1.39%	−0.08%	−0.95%	3.50%	−2.37%	−1.44%
E06000003	Redcar and Cleveland	−0.02%	−0.01%	−2.09%	4.20%	−2.06%	−0.49%
E08000023	South Tyneside	−0.36%	2.03%	−3.05%	4.50%	−2.41%	−0.51%
E06000004	Stockton-on-Tees	0.14%	0.03%	−2.02%	3.52%	−2.01%	−0.15%
E08000024	Sunderland	0.17%	1.48%	−3.11%	4.89%	−2.21%	−0.52%

Increase in percentage of employees travelling to work by various methods

The first two digits of the Geography code give the type of each of the LAs:

- 06: Unitary authority
- 07: Non-metropolitan district
- 08: Metropolitan borough

- (a) In what type of LA are the largest increases in percentages of people travelling by underground, metro, light rail or tram? [1]
- (b) Identify two main changes in the pattern of travel to work in the North East region between 2001 and 2011. [2]

Now assume the following.

- The data refer to residents in the given LAs who are in the age range 20 to 65 at the time of each census.
 - The number of people in the age range 20 to 65 who move into or out of each given LA, or who die, between 2001 and 2011 is negligible.
- (c) Estimate the percentage of the people in the age range 20 to 65 in 2011 whose data appears in both 2001 and 2011. [2]
- (d) In the light of your answer to part (c), suggest a reason for the changes in the pattern of travel to work in the North East region between 2001 and 2011. [1]