

Free-Standing Mathematics Qualification  
January 2007  
Foundation Level



**MAKING SENSE OF DATA**  
**Unit 3**

**6983/2PM**

**PRELIMINARY MATERIAL**

**DATA SHEET**

**To be issued to candidates between Friday 19 January 2007  
and Friday 26 January 2007**

**REMINDER TO CANDIDATES**

YOU MUST **NOT** BRING THIS DATA SHEET  
WITH YOU WHEN YOU SIT THE EXAMINATION.  
A CLEAN COPY WILL BE MADE AVAILABLE.

### Hourly employment costs

The average hourly employment costs for a number of European countries are given below. These costs are in euros, and exclude social taxes.

The data are accurate for the year 2004 and the costs are given to the nearest integer.

Country	The average hourly employment cost (euros)
Denmark	27
Estonia	3
France	24
Germany	26
Ireland	17
Italy	19
Latvia	2
Poland	4
Portugal	8
Spain	14
UK	24

### Cost of running a home

In 2004, the average annual cost in the UK of owning and running a home was £ 5928.

Of this total:

48% was the cost of the house (including mortgage interest payments and council tax);

13% was the cost of power (gas, electricity, oil and coal);

8% was the cost of repairs;

31% was spent on other costs.

The annual costs varied by region; the annual costs for a number of regions are given below.

UK region	Annual cost
London	£ 7691
North East	£ 4358
South East	£ 6741
Wales	£ 5375
West Midlands	£ 5604

### Most common garden birds

The table below lists ten of the most common birds seen in gardens in 2004. It also gives the average numbers of birds per garden during one day in each of the years 1979 and 2004.

Species	Average number of birds per garden	
	1979	2004
House sparrow	10.0	4.8
Starling	15.0	4.3
Blue tit	2.4	2.9
Blackbird	4.0	2.7
Chaffinch	3.0	2.3
Greenfinch	1.0	1.8
Collared dove	0.3	1.8
Great tit	0.9	1.5
Wood pigeon	0.2	1.4
Robin	2.0	1.4

**Note:** data are given to one decimal place.

### Types of vehicle sold

The table below shows the percentage sales of saloon cars, MPVs and 4 × 4s as percentages of the total UK vehicle sales.

Year	Saloon	MPV	4 × 4
1994	34	0	4
1996	31	2	4
1998	32	2	4
2000	26	3	4
2002	24	4	5
2004	22	5	7

**Note:** Percentages are given to the nearest whole number.

## A lifetime of labour

The bar chart below shows the results of a study into how much **extra** a graduate will earn over an entire career compared with an A level school leaver.

This **extra** amount earned depends on the subject area studied by the student for the degree.



**END OF DATA SHEET**

### ACKNOWLEDGEMENT OF COPYRIGHT-HOLDERS AND PUBLISHERS

Crown copyright material is reproduced with the permission of the Controller of HMSO and the Queen's Printer for Scotland.

Hourly employment costs: Copyright OECD

Cost of running a home: Office of National Statistics

Most common garden birds: RSPB

Types of vehicle sold: Bryan Appleyard; The Sunday Times, London, 20 March 2005

A lifetime of labour: Dr Nigel O'Leary, University of Wales

Copyright © 2007 AQA and its licensors. All rights reserved.