

Does Quality of Life and Standard of living Increase with Distance from the City Centre?

Mackworth Ward
Allestree Ward

Introduction

- You are being asked to investigate whether the quality of life and standard of living increases with distance from the city centre of Derby.

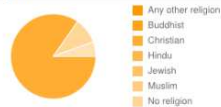


Allestree



5,833 dwellings, 13,018 people live in this area, 45.0 years old on average

Religion

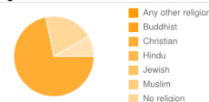


Mackworth



5,959 dwellings, 13,043 people live in this area, 38.6 years old on average

Religion



Quality of Life Increases with Distance from the City Centre

- You will have to collect evidence to produce a written report. There are two kinds of evidence:
- Primary** – evidence you collected yourself. In this case your fieldwork investigations into housing and other indicators of 'quality of life'.
- Secondary** – evidence that is collected by somebody else. Here you are going to use the some facts and figures collected in the latest CENSUS (2001). You could also use some detailed street plans of the wards which would let you find out about some of the places you did not visit.



Quality of Life Increases with Distance from the City Centre

- THEORY**
- When you have collected your evidence you will be writing up **explanations** and **conclusions** about your evidence. You should make sure that you are clear on the terms **Standard of Living**, **Quality of Life**, and **Access to Services**

Primary Data

[illegible][illegible]

Primary Data

You must complete at least TWO long sketches		
<p>Fixed sketch of a typical house</p> <p>Roof Material</p> <p>Wall material</p> <p>House type</p>		<p>Type of windows</p> <p>Number of chimneys</p> <p>State of outside decoration</p>
<p>Scale 10cm x 10cm</p>		
<p>Age of house (see information sheet) =</p>		
<p>Fixed sketch of a typical house</p> <p>Roof Material</p> <p>Wall material</p> <p>House type</p>		<p>Type of windows</p> <p>Number of chimneys</p> <p>State of outside decoration</p>
<p>Scale 10cm x 10cm</p>		
<p>Age of house (see information sheet) =</p>		

- This is something you will have to complete if you are missing information.

Primary Data

Inverse Tally Chart count examples are given for you, add your own!

Service	Tally	Service	Tally
Oil change			
Pace of driving			
Road debris			
Control lanes (A/B/C/D/E/F/G/H/I/J/K/L/M/N/O/P/Q/R/S/T/U/V/W/X/Y/Z)			
Change			
New sign			
Buo ring			

Infinite Count Tally Chart

(Working in pairs, one pair on each side of the road, counting traffic on your side of the road only for five minutes.)

Location _____ Time Started _____

Vehicle	Tally	Total	Time interval
Cars			
Vans/lorries			
Buses			
Motorbike			
Cycle			

Secondary Data

- There are 3 sources for you secondary data:
 1. 2001 Census data (in your follow up booklet).
 2. <http://www.statistics.gov.uk/census2001>
 3. <http://www.upmystreet.com> you will need a postcode for this. The ACORN search is particularly useful.

Transforming Data

- This is where you will take the information you collected on the day (or the secondary data you have access to) and turn it into graphs, tables etc.
- You MUST change the data into a **DIFFERENT** format.

Transforming Data

Environmental Quality Grid

	+2	+1	0	-1	-2	
Interesting		✓				Boring
Quiet	✓					Noisy
Attractive		✓				Unattractive
Varied				✓		Monotonous
Clean		✓				Filthy
Welcoming		✓				Hostile
Unpolluted		✓				Polluted
Historic		✓				Modern
Open	✓					Enclose
Well Maintained	✓					Neglected
Like		✓				Dislike

Drawing a neat version or colouring in rather than a tick is NOT transforming Data

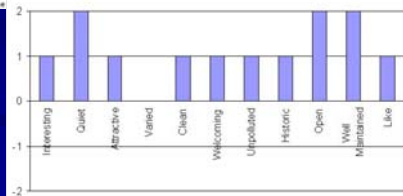
Transforming Data

Environmental Quality Grid

Interesting	+	+	+	+	+	+	+	+	+
Quiet	+	+	+	+	+	+	+	+	+
Attractive	+	+	+	+	+	+	+	+	+
Varied	+	+	+	+	+	+	+	+	+
Clean	+	+	+	+	+	+	+	+	+
Welcoming	+	+	+	+	+	+	+	+	+
Unpolluted	+	+	+	+	+	+	+	+	+
Historic	+	+	+	+	+	+	+	+	+
Open	+	+	+	+	+	+	+	+	+
Well Maintained	+	+	+	+	+	+	+	+	+
Like	+	+	+	+	+	+	+	+	+

So what could you do?

Using Excel



Transforming Data

Survey of ten houses

	1	2	3	4	5	6	7	8	9	10	
✓	✓	✓						✓	✓		Detached
			✓	✓	✓	✓			✓	✓	Semi-Detached
											Terraced
											Flats
											Other

Distance in Metres or paces

Transforming Data

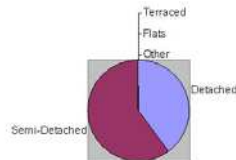
Survey of ten houses

	1	2	3	4	5	6	7	8	9	10	
✓	✓	✓						✓	✓		Detached
			✓	✓	✓	✓			✓	✓	Semi-Detached
											Terraced
											Flats

Distance in Metres or paces

Is this an **appropriate** way to represent this information?

Using Excel



Transforming Data

- Several things are deliberately missing from some of the preceding graphs and charts.
- What should all of YOUR charts, tables, graphs etc. include? Think about this carefully.

Transforming Data

Field Sketch

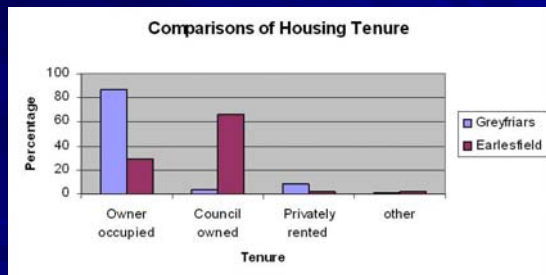


Secondary Data

- You may have some information from the internet, as well as the Census information that you have been given.
- What are you going to do with this?
- Graphing your data
- See examples

Secondary Data

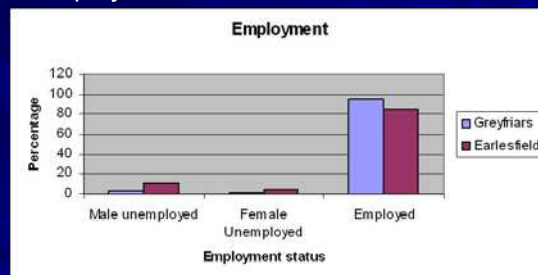
Tenure



Is this the best way to represent the data?

Secondary Data

Employment



Is this the best way to represent the data?

Describing Maps and Graphs

- You need to say what they tell you about **quality of life**. You should use the **evidence** that you have collected in order to do this.
- e.g: "Graph 3 shows that there are bigger houses in ward, which shows a higher quality of life." **Don't** forget some evidence may give an unexpected result, and you need to say so when this happens.
- It would be a good idea to write a summary of what the evidence shows.

Explaining What The Graphs And Maps Show

- You need to look at the theory behind your work. This is where information in **textbooks and information sheets comes in useful**. (see sheet and bibliography)
- Look at the evidence you have presented and try to show how your findings could be explained by the theory. This section is really an explanation of your results.

Evaluating The Project

- Don't** dwell too much on the obvious; things like "If I'd spent more time on....."
- Instead, think what could be improved. For example, you might think about other types of evidence that you would have collected, or how the survey could be improved, or are there better ways of presenting your results.

Checklist

- Double check **all** of the following:
 - Spelling
 - Punctuation
 - Page numbers
 - Diagram numbers/letters
 - Titles
 - Keys on diagrams/graphs etc.
 - Make sure that your work is stapled/tied/bound in the correct and logical order.
 - Make sure that you have your name/tutor group/geography teachers name clearly labelled on your work.