AS Level Mathematics B (MEI)
H630/02 Pure Mathematics and Statistics

A Level Mathematics B (MEI)
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Large Data Set 2

1. Introduction

The Large Data Set (LDS) consists of data about boroughs in London together with some comparative data for other areas in the UK. Data for the City of London has been included where it is available. The 32 boroughs together with the City of London make up London. Further data are available through the borough profiles on the London Datastore https://data.london.gov.uk/dataset/london-borough-profiles
Links are provided below to the data in their original form.

2. London borough profiles

The London borough profiles give a general picture of the areas in London. Some exploration of the data can be done through the instant atlas at the London Datastore https://data.london.gov.uk/dataset/london-borough-profiles

The data in this Large Data Set may have been updated online since created.

The data in the Large Data Set is a subset of the data available in the London borough profiles and associated links. The table below shows the fields available in the Large Data Set and gives further information about each field.

If a particular data value is not available, the code #N/A has been included in the Large Data Set – this is to prevent some software reading a blank as a zero.

Each field is given as a time series for each region for which there are data. The time series are presented across the spreadsheet to allow exploration of correlations between variables at a particular time.

Field	Further Information
Area code	Area codes are used by the Office of National Statistics when publishing regional information.
Area	Area name associated with the ONS Area Code.
Field	**Further Information**
Inner or Outer London	The definitions of Inner and Outer London are those used by the Office of National Statistics and the Census. A few of the boroughs have a different designation using other definitions.

Field	Further Information
Male Life Expectancy at birth	The data are from the Office of National Statistics, downloadable from http://www.ons.gov.uk/ons/rel/subnational-health4/life-expectancy-at-birth-and-at-age-65-by-local-areas-in-england-and-wales/index.html
Female Life Expectancy at birth	The areas are based on boundaries in use in 2010. The values are estimates over three years - the combining of years increases the reliablity of the estimates at the local level. Some figures include deaths of non-residents and other figures exclude them.
Employment Rate (age 16 to 64)	The data for the regions of London are taken from the London borough atlas available from the London Datastore; they come from the ONS Annual Population Survey. The Annual Population Survey uses a large sample of about a third of a million; more information about the methodology can be found at https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/qmis/annualpopulationsurveyapsqmi. The data for the regions of England and the countries of the UK are taken from the Labour Force Survey and are seasonally adjusted. These data can be downloaded from https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/datasets/labourmarketstatistics
Median House Price (£)	The data for London and England are taken from the London borough atlas available from the London Datastore; they come from the Land Registry. Excluded from the figures are sales at less than market price (e.g. Right To Buy), sales below £1,000 and sales above £20m. The Land Registry registers ownership of land and property in England and Wales. They produce regular updates of house price data by producing house price index data over time for the whole UK. They also provide data about prices paid for individual houses in England and Wales.
All pupils at end of KS4 achieving 5+ A*-C including English and Maths	The data for London and England are taken from the London borough atlas available from the London Datastore; they come from the DfE. The figures are the percentage of all pupils in state schools at the end of key stage 4 who achieve five GCSEs at grade A* to C, including mathematics and English or better. The data can be downloaded from https://data.london.gov.uk/dataset/gcse-results-location-pupil-residence-borough/resource/2578db18-8040-4d00-bb08-f73143b221bd#
Household Waste Recycling rate	This is the percentage of collected household waste which is recycled or composted. The data were downloaded from https://data.london.gov.uk/dataset/household-waste-recycling-rates-borough/resource/6f7bc5cd-217b-4eed-9450-af086f17908e and come from DEFRA apart from the data for 2004/5 which are from the London Councils organisation as DEFRA did not list complete local authority information for that year.