

# Arches Local analysis project



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# Analytical Volunteers Programme

- **Voluntary organisations using Central Government analytical resource**
- **Programme covers all analytical disciplines:**
  - **Statisticians**
  - **Social Researchers**
  - **Economists**
  - **Operational Researchers**
  - **Data scientists**

# Benefits to a local organisation

- **Use data to measure and improve their impact**
- **Offer insight to area and issues**
- **Set up and improve systems and processes – including training**
- **Tackle analytical projects with higher level of confidence**

# Benefits to the analyst

- **Learn about voluntary organisations and the challenges**
- **Work in a new area/organisation**
- **Provide analysis - influential and makes a difference**
- **Demonstrate skills (and learn new ones!)**

# What did we want to do?

- **Three things:**
  - **Collect data on the Arches Local area**
  - **Write a narrative about the area that would help with future funding bids**
  - **Transfer skills to others in the Arches area**

# Some thoughts on analysing data...

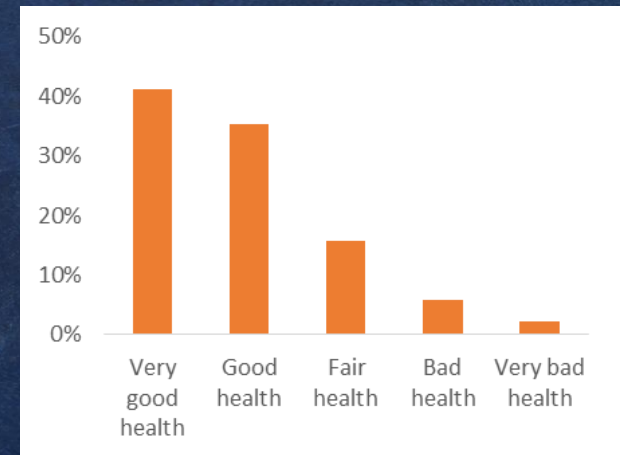
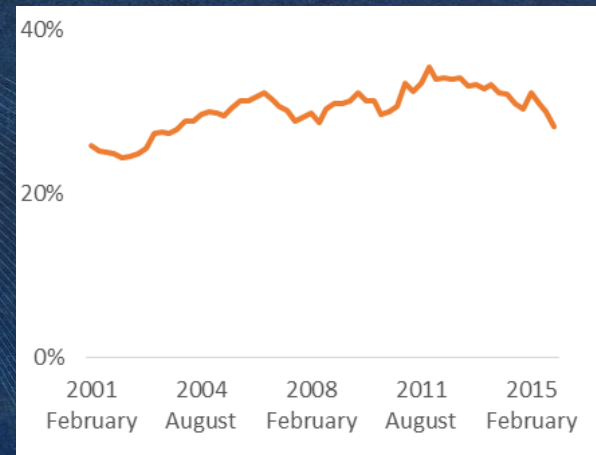
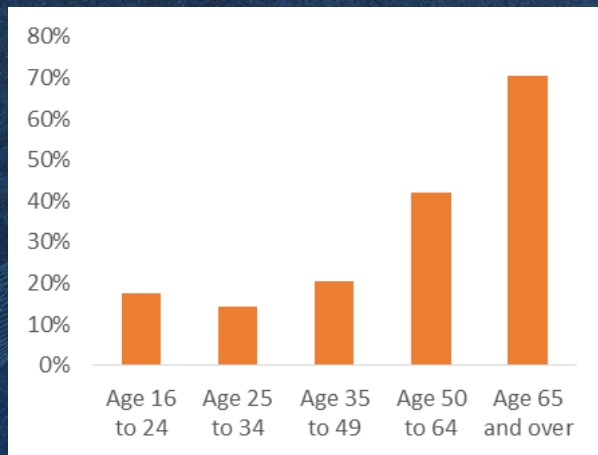
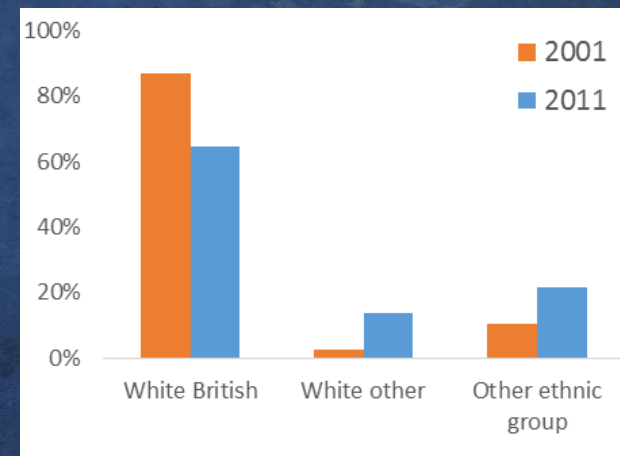
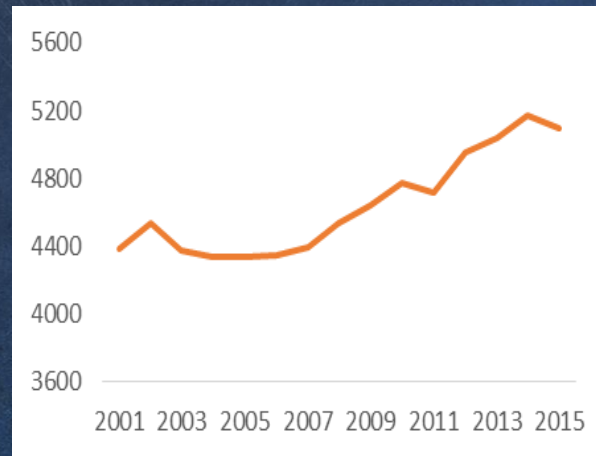
- **Free software for sophisticated analysis!**
- **LibreOffice – Excel, PowerPoint and Word equivalents**
- **MySQL – databases**
- **R – statistical analysis package**
- **QGIS – for mapping your areas and visualising data**

# Some thoughts on collecting data...

- **So much data out there, much of it free**
- **Ordnance Survey OpenData allows you to map areas and visualise data**
- **Census data remains a terrific source for small areas**
- **Nomis – holds a wide variety of data for small areas**
- **Free software and free data**

# Arches Local area

- In five charts and one map





# The volunteer programme

<https://gss.civilservice.gov.uk/careers/analytical-volunteer-program-avp/>

(or Google 'Civil Service Analytical Volunteers Programme')