1. What is public health intelligence?

2. PHE tools and products
What is Public Health Intelligence?
“Collecting, analysing, interpreting, synthesising and communicating health intelligence. This information relates to assessing, measuring and describing health and wellbeing, as well as health risks, health needs and health outcomes of different populations”
Why do we need public health information?
The link between data/information/knowledge/wisdom

http://en.wikipedia.org/wiki/DIKW
PHE tools and products
PHE provides many high quality data and analysis tools and resources for public health professionals. The PHE data and knowledge gateway provides direct access to these resources.

The resources help local government and health service professionals make decisions and plans to improve people's health and reduce inequalities in their area. They can be used by anyone with an interest in understanding the health of the population and how it varies across the country.
### Public Health Outcomes Framework

http://www.phoutcomes.info/

#### Overarching indicators

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Period</th>
<th>England</th>
<th>East Midlands</th>
<th>Derby</th>
<th>Derbyshire</th>
<th>Leicester</th>
<th>Leicestershire</th>
<th>Lincolnshire</th>
<th>Northamptonshire</th>
<th>Nottingham</th>
<th>Nottinghamshire</th>
<th>Rutland</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.01i - Children in poverty (all dependent children under 20)</td>
<td>2011</td>
<td>20.1</td>
<td>18.4</td>
<td>23.7</td>
<td>16.4</td>
<td>30.0</td>
<td>11.6</td>
<td>16.5</td>
<td>15.8</td>
<td>34.4</td>
<td>17.0</td>
<td>8.0</td>
</tr>
<tr>
<td>1.01ii - Children in poverty (under 16s)</td>
<td>2011</td>
<td>20.6</td>
<td>19.1</td>
<td>24.3</td>
<td>17.1</td>
<td>30.0</td>
<td>12.1</td>
<td>17.2</td>
<td>16.0</td>
<td>35.2</td>
<td>17.7</td>
<td>8.4</td>
</tr>
<tr>
<td>1.02i - School Readiness: The percentage of children achieving a good level of development at the end of reception</td>
<td>2012/13</td>
<td>51.7</td>
<td>49.8</td>
<td>40.9</td>
<td>49.6</td>
<td>27.7</td>
<td>46.3</td>
<td>65.4</td>
<td>49.6</td>
<td>39.9</td>
<td>56.6</td>
<td>57.3</td>
</tr>
<tr>
<td>1.02ii - School Readiness: The percentage of children with free school meal status achieving a good level of development at the end of reception</td>
<td>2012/13</td>
<td>36.2</td>
<td>32.1</td>
<td>27.6</td>
<td>31.7</td>
<td>20.7</td>
<td>24.7</td>
<td>47.4</td>
<td>33.3</td>
<td>27.9</td>
<td>37.1</td>
<td>25.0</td>
</tr>
</tbody>
</table>
**Health Profile 2014**

**Health in summary**
The health of people in Derby is varied compared with the England average. Deprivation is higher than average and about 24.3% (12,100) children live in poverty. Life expectancy for men is lower than the England average.

**Living longer**
Life expectancy is 12.2 years lower for men and 9.0 years lower for women in the most deprived areas of Derby than in the least deprived areas.

**Child health**
In Year 6, 19.0% (493) of children are classified as obese. The rate of alcohol-specific hospital stays among those under 18 was 45.1%. This represents 26 stays per year. Levels of teenage pregnancy, GCSE attainment, breastfeeding and smoking at time of delivery are worse than the England average.

**Adult health**
In 2012, 24.3% of adults are classified as obese. The rate of alcohol related harm hospital stays was 742*, worse than the average for England. This represents 1,701 stays per year. The rate of self harm hospital stays was 276*, worse than the average for England. This represents 720 stays per year. The rate of smoking related deaths was 302*. This represents 368 deaths per year. The rate of sexually transmitted infections is worse than average. The rate of people killed and seriously injured on roads is better than average.

**Local priorities**
Priorities include reducing inequalities, giving children the best start, risky behaviour change and substance misuse. For more information see www.derby.gov.uk.

Visit [www.healthprofiles.info](http://www.healthprofiles.info) for more profiles, more information and interactive maps and tools.

Follow @healthprofiles on Twitter.

* rate per 100,000 population

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**Health Summary for Derby**

The chart below shows how the health of people in this area compares with the rest of England. This area's result for each indicator is shown as a circle. The average rate for England is shown by the black line, which is always at the centre of the chart. The range of results for all local areas in England is shown as a grey bar. A red circle means that this area is significantly worse than England for that indicator; however, a green circle may still indicate an important public health problem.

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**Public Health Intelligence**

The information is updated regularly, but there may be delays between the point of collection and when it becomes available online.

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More information is available at [www.healthprofiles.info](http://www.healthprofiles.info). Please send any enquiries to healthprofiles@shs.hum.de.uk.
Welcome to Local Health

Local Health has been developed as part of the Health Profiles programme, which is produced by Public Health England (for more information, see www.gov.uk/health). It provides quality assured health information presented clearly for users within the health service, local government and the public.

Local Health gives you access to interactive maps and reports at a small area level (Middle Super Output Area level) and at local authority level. It also now includes estimates for Ward level data, produced using the population weighted MSOA data. You can also combine areas to create your own geographies, and view the information and reports for these new areas. Reports produced in Local Health allow you to compare any selected area to the England average for a selection of indicators.

Revision 24.07.2013: Due to errors in the source data, the population indicators in Local Health have been revised. This affects maps of the indicators “Population aged 0-15” and “Population aged 16-24”, along with Page 2 of all Detailed Reports. Any outputs generated before 24.07.2013 should be reproduced.

To find your area of interest, and produce reports and spine charts for that area, click ‘Find My Area’ above.

Alternatively, to view maps of the different geographies, click the view bar above the map, or choose from the list below:
- Middle Level Super Output Area (MSOA)
- Ward (2011) estimates
- Lower Tier Local Authority
- Upper Tier Local Authority

We have added in some useful tips to assist you in navigating within Local Health. These can be found in the ‘How To…’ section above.

Training videos providing a Beginner’s Guide to using Local Health are available by clicking on the following links:
- Introduction
- Finding a ward and loading an indicator
Topic Specific products and tools

- End of Life
- Liver Disease
- Health Inequalities
- Drug Misuse
- Cardiovascular Disease
- Alcohol
- Cancer
- Mental Health
- Obesity
- Children
How is this relevant to VCSE organisations?

- Derventio case study

- Development of business plans

- Demonstrating impact in a way that resonates with commissioners

- Help inform design of effective public services of the future
Questions....
sarah.hassell@phe.gov.uk
07770 633968