Scottish Health and Wellbeing Profiles: User guide for the interactive Excel tool



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1. Introduction

In November 2010, the Scottish Public Health Observatory (ScotPHO) published an updated edition of Health and Wellbeing Profiles for Community Health Partnerships (CHPs) in Scotland, alongside a Scotland Overview Report (<u>http://www.scotpho.org.uk/profiles</u>). The profiles comprised 67 health and health-related indicators, and were designed to:

- Provide organisations and communities with up-to-date and locally-relevant public health intelligence
- Highlight health and social inequalities
- Show trends in key indicators
- Provide local information for targeting resources and prioritysetting
- Develop knowledge of the complex nature of health and its determinants.

At the same time, ScotPHO published a set of supporting Excel files containing data for the 67 profile indicators, including trends over time, for a range of geographies (Scotland, NHS boards, CHPs, intermediate geography zones (IZs) and locally defined areas) to allow users to carry out further analyses of the data.

2. General Functionality

The tool has been developed to allow users access to data at IZ level, whilst also providing spine charts and rank chart comparisons for (and across) 38 of the CHPs /local areas in Scotland:

- East Ayrshire Community Health Partnership
- North Ayrshire Community Health Partnership
- South Ayrshire Community Health Partnership
- Scottish Borders Community Health & Care Partnership
- Dumfries & Galloway Community Health Partnership
- Dunfermline & West Fife Community Health Partnership
- Glenrothes & North East Fife Community Health Partnership
- Kirkcaldy & Levenmouth Community Health Partnership
- Clackmannanshire Community Health Partnership
- Falkirk Community Health Partnership
- Stirling Community Health Partnership
- Aberdeen City Community Health Partnership
- Aberdeenshire Community Health Partnership
- Moray Community Health & Social Care Partnership
- East Dunbartonshire Community Health Partnership
- East Renfrewshire Community Health & Care Partnership
- Inverclyde Community Health & Care Partnership
- Renfrewshire Community Health Partnership
- West Dunbartonshire Community Health & Care Partnership
- Argyll & Bute Community Health Partnership
- Mid Highland Community Health Partnership
- North Highland Community Health Partnership
- South East Highland Community Health Partnership
- North Lanarkshire Community Health Partnership
- South Lanarkshire Community Health Partnership

- East Lothian Community Health Partnership
- Midlothian Community Health Partnership
- West Lothian Community Health & Care Partnership
- Orkney Community Health Partnership
- Shetland Community Health Partnership
- Angus Community Health Partnership
- Dundee Community Health Partnership
- Perth & Kinross Community Health Partnership
- Western Isles Community Health and Social Care Partnership
- Edinburgh Community Health Partnership
- Glasgow North East
- Glasgow North West
- Glasgow South

Note: CHP is used as a global term to refer to all Community Health Partnerships (CHPs) / Community Health & Care Partnerships (CHCPs) / Community Health & Social Care Partnerships (CHSCPs or CHaSCPs) in Scotland. However, instead of including five CHPs for Glasgow City we have presented the results for three areas, covering Glasgow North East, Glasgow North West and Glasgow South. This gives a total of 38 comparator areas for the 2010 Profiles.

There are also workbooks available for inter CHP and inter NHS board comparisons.

Each workbook comprises an Introduction page which links to:

- a spine chart
- a rank chart
- trend graph
- a data sheet
- additional information (notes to aid interpretation of the charts)
- this User Guide.

In order to run the Excel tool, the user will require:

Excel 2003 (PC version only) Screen resolution: 1280x1024 Macro Security Setting: Medium (details on how to change this can be found in appendix 1)

3. Spine Chart

To see a spine chart for one of the IZs within this CHP, click on the Spine chart image (circled in red in the picture below) on the Introduction page (your pointer will turn to a $\textcircled{}^{h}$).

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This will bring up the page pictured below.

	_		
Please se	ect the Spine Geography from tl	ne box below	
and then o	lick on the link:		Return to Front Page
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Clicking on the drop down button (circled in red below) will display the list of IZs within the CHP you are looking at, and allow you to select one



To open the spine chart selected just click the blue link below the selection box.

Please select the Spine Geography from the box below	
and then click on the link:	Return to Front Page
City Centre	

The following warning will be displayed. Click OK and the spine will be shown.

Opening http://scotpho.org.uk/web/files/profiles/2010/Spi_IMZ_S02000026.p Some files can contain viruses or otherwise be harmful to your computer. It is important to be certain that this file is from a trustworthy source. Would you like to open this file?
OK Cancel

4. Rank Chart

Each CHP workbook has the facility to create a rank chart to let the user see where each of the IZs lie within a CHP, for 42 indicators.

The rank chart can be accessed by clicking on the Rank chart image on

the 'Introduction' page (your pointer will turn to a $\textcircled{}^{h}$).



You will then be presented with the following screen.



NB All indicators are grouped by domain and follow the same order as in the spine chart.

Therefore, from this screen you can select the indicator domain you require by clicking on the 'Domain' box and selecting the drop down button:



Once you have chosen the domain you wish to look at, you can then select the indicator from the 'Indicator' box in the same manner.

Indicator

Population aged 0-15 years	-
Population aged 0-15 years	
Population aged 16-64 years	
Population aged 16+ years	
Population aged 65 - 74 years	
Population aged 75+ years	
Population aged 85+ years	
Live births	

The chart will then self populate with the indicator selected.

You can click the button	Return to Front Page	to exit the Rank char	ts.
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5. Trend Graph

Trend Graph for each IZ is available after clicking the Trend Graph image on the 'Introduction' page (your pointer will turn to a).



The next screen that will be presented is:



From this screen you can select the Intermediate Zone that you are interested in and that you require by clicking on the 'Intermediate zone' box and selecting the drop down button:

Intermediate Zone

Ashgrove	•
Ashgrove	٠
Balgownie and Donmouth East	
Balgownie and Donmouth West	
Braeside, Mannofield, Broomhill and Seafield East	
Braeside, Mannofield, Broomhill and Seafield North	
Braeside, Mannofield, Broomhill and Seafield South	
Bucksburn North	
Bucksburn South	•
Т	

Once you have chosen the geography you wish to look at, you can then select the indicator from the 'Indicator' box in the same manner.

Indicator

Population aged 0-15 years	•
Population aged 0-15 years	•
Population aged 16-64 years	
Population aged 16+ years	
Population aged 65 - 74 years	
Population aged 75+ years	
Population aged 85+ years	
Live births	
Life expectancy - males	•

The chart will then self populate with the indicator selected.

Please be aware that on the occasion where only one year of data is available for an indicator, this will appear on the time trend as a single data point.

You can click the button Return to Front Page to exit the trend graphs.

6. Underlying Data

Underlying data for the IZs within each CHP are located by clicking the Underlying data' image on the 'Introduction' page (your pointer will turn to a $\frac{1}{2}$).

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This is made available to allow users, if they wish, to undertake further data analyses for their local area.

You can click the button Return to Front Page to exit the Underlying data.

Appendix 1: Changing macro security settings

It may be the case that when trying to open these files you will get the following warning:

Microsof	it Excel
	Macros are disabled because the security level is set to Very High. To run the macros, change the security level to a lower setting and verify the macros are signed and trusted.
	ОК

Therefore in order to properly use these files you will need to change your security settings. This can be done in the following manner:

From the menu select: Tools > Macro > Security



This will bring up the following dialogue box.

Security 🔹 🔀	
Security Level Trusted Publishers	
Very High. Only macros installed in trusted locations will be allowed to run. All other signed and unsigned macros are disabled.	
High. Only signed macros from trusted sources will be allowed to run. Unsigned macros are automatically disabled.	
Medium. You can choose whether or not to run potentially unsafe macros.	
Low (not recommended). You are not protected from potentially unsafe macros. Use this setting only if you have virus scanning software installed, or you have checked the safety of all documents you open.	
OK Cancel	

Change the security level to medium and select OK. Once you restart Excel your new settings will be applied.

N.B. The macros contained within these excel files are safe however care must be taken in opening macros from other sources. You may wish to change your security settings back after using these files.