

# Care Services Efficiency Delivery

## Getting Started with POPPI

### Version 2.2

POPPI stands for Projecting Older People Population Information. It has been designed to give councils with social service responsibilities [CSSRs] easy access to forecasts of the numbers and characteristics of older people in their locality.

POPPI brings together relevant information for council planners and commissioners and provides a consistent starting point for Joint Strategic Needs Assessment.

POPPI has been developed by the Department of Health CSED Programme with the Institute of Public Care, Oxford Brookes University.

***Remember that POPPI uses data based on the 2001 census and current trends from the Office of National Statistics [ONS]. It does not forecast 'expected' future outcomes. In many cases, the service strategy will be driven by the need to avoid the outcomes than POPPI projects through service transformation. [See 'Using POPPI' below.]***

### ***Registering with POPPI***

Go to [www.poppi.org.uk](http://www.poppi.org.uk) and choose '**Click here to register**'

You will be asked to submit an on-line form requesting the following details:

- Name
- Job title
- Organisation
- Office address
- Phone number
- Email address

Local and national government, nhs and academic e-mail addresses are accepted by POPPI and a unique password will be sent to your address automatically.

For other types of e-mail address, please supply the information requested to facilitate your registration:

Service providers: are you registered with CSCI?

Charities: your Registered charity number.

Others: please state the purpose for which you wish to use POPPI.

When your registration is accepted, a password will be sent to your e-mail address. This password, together with the registered e-mail address as your username, will allow you to access POPPI from any computer. Once logged-in you may alter your details including password using the '**My account**' screen from the main menu.

There is a forgotten password facility available. If there are any problems, call the **IPC enquiry line on 01225 484088** Mondays to Fridays 9am to 5pm.

The login page provides information on recent and planned **updates** to the data and the system. This **user guide** can be downloaded from a link in the top paragraph. Changes from the original POPPI system [Version 1.0] are **highlighted** in this guide.

## What's in POPPI?

After logging in successfully you will be taken to:

### Welcome page and population forecast

This shows the baseline population projection **for your council**. For non-council users, the welcome screen displays the results for **England**.

POPPI uses the latest, revised 2004-based, long term ONS Sub-National Population Projections [SNPPs]. These are mid-year population estimates based on the 2001 census and trends of fertility, mortality and migration from 2000-2004.

This table is an example of baseline population forecasts by age in POPPI:

Essex					
	Essex				
Population by age					
Population aged 65 and over, in five year age bands, projected to 2025					
	2008	2010	2015	2020	2025
People aged 65-69	66,600	72,200	90,800	79,000	85,600
People aged 70-74	58,300	60,600	68,000	85,600	75,100
People aged 75-79	48,600	49,100	54,400	61,500	77,600
People aged 80-84	35,700	37,000	40,000	45,400	52,000
People aged 85 and over	32,600	34,400	39,400	45,400	54,000
<b>Total males and females 65 and over</b>	<b>241,800</b>	<b>253,300</b>	<b>292,600</b>	<b>316,900</b>	<b>344,300</b>

Figures may not sum due to rounding  
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Notes

On the left hand side of the screen, options under '**Population figures**' lead to tables for:

- Over 65 as a percentage of the total forecast population
- Population forecast by gender and age band
- Proportion by gender and age band
- **New 2005 population estimates by ethnic group** - numbers and percentages
- **Religion - a new page** to show religion by age and by gender
- A **new page** showing DWP data on the population of pensionable age and the **proportion receiving state pension only**

Notes on the source of the data appear in full underneath each table. POPPI 2.2 is using the experimental ONS estimates of ethnic group by age band for mid-2005.

Local authorities are listed in alphabetical order in the drop-down list with figures for **England** in total available at the top of the list. Click '**GO**' to see the data for the selected council.

If a county council's figures are displayed, use the drop-down '**Select a district**' menu, top right, and click '**GO**' to view figures for a particular district.

The active menu button is highlighted. You can retrace your steps at any point.

## Near-term population projections

A **new** feature in POPPI 2 provides **population data for the next 5 years 2008-2012**.

Choose button '**Show next five years**' on any of the following pages:

- Population by age
- Percentage of total population
- Population by gender/age
- Proportion by gender/age band

Choose '**Show standard years**' to return to viewing 2008, 2010, 2015, 2020, 2025.

## Local population characteristics – single factor

POPPI also contains information for each district – usually from the 2001 census - showing the **characteristics** of the population in terms of:

### Living status

Living alone  
Tenure  
Living in a care home  
No central heating

**Transport - a new page** showing pensioner households living alone, or not, with and without transport

### Support arrangements

Provision of unpaid care  
Unable to manage domestic tasks  
Unable to manage self-care

### Health

Limiting long-term illness

Click on the relevant button to show these characteristics for the council concerned.

## Local population characteristics – multiple factors

Some characteristics variables are analysed in two ways. These are shown in the '**Apply calculations (multiple)**' pages:

Tenure\illness  
Ethnicity\illness  
General health\unpaid care  
Unpaid care\age\hours

**Limiting long term illness\living alone – a new page** - People aged 65 and over in 5 year age-bands, with a limiting long-term illness (LLTI) and living alone, projected to 2025. Figures are taken from a commissioned

table from ONS, Table C0839, Age and LLTI by household size, using information from the 2001 census.

These tables show how the characteristics are linked in the particular district based on the 2001 census data. The ethnicity analysis is not available for the new 2005 ethnicity estimates. Applying the characteristics to the forecast of population by age gives a starting point for population analysis. We can expect the characteristics to change over time but the relative values – between districts – will persist in the medium-term.

## Health prevalence information

Under '**Health**', POPPI also contains information from published research and surveys on the prevalence of health conditions that are likely to affect the care needs of the elderly population. The source of the data is described on each page and councils can make judgements about the relevance and validity of the information to their locality. These conditions are:

- Depression
- Severe depression
- Dementia**
- Heart attack
- Stroke
- Bronchitis\emphysema
- Falls – A&E attendance
- Falls – hospital admissions
- Continence
- Visual impairment
- Mobility
- Obesity

Select '**Health**' then click the appropriate condition button to show the potential numbers of people affected by the condition locally - estimated by applying the prevalence rates to the local population projections.

The **Dementia page has been updated** with prevalence figures from 'Dementia UK: A report into the prevalence and cost of dementia prepared by the Personal Social Services Research Unit (PSSRU) at the London School of Economics and the Institute of Psychiatry at King's College London for the Alzheimer's Society, 2007'.

## Older People and Learning Disabilities

This **new section** was added in POPPI 2.1 and is now accessible from the main menu. Select '**Learning disability**' from the left hand side menu.

### Four new pages are available:

1. **LD – Baseline estimates**
2. **LD – Moderate or severe**
3. **Down's syndrome**
4. **Down's syndrome/dementia**

1. LD – Baseline estimates: shows numbers of people aged 50 and over by age, predicted to have a learning disability, projected to 2025. Predictions are based on prevalence rates in a report by Eric Emerson and Chris Hatton of

the Institute for Health Research, Lancaster University, entitled "Estimating Future Need/Demand for Supports for Adults with Learning Disabilities in England", June 2004.

2. LD – Moderate or severe: shows numbers of people aged 50 and over by age, predicted to have a moderate or severe learning disability, and hence likely to be in receipt of services, projected to 2025. Predictions are based on prevalence rates in the report above.

3. Down's syndrome: shows numbers of people aged 50 and over by age, predicted to have Down's syndrome to 2025. Estimates are based on the numbers of people with Down's syndrome from original work by IPC and based on the Sheffield Learning Disability Case Register, October 2007.

4. Down's syndrome/dementia: shows numbers of people aged 50 and over with Down's syndrome predicted to have dementia, to 2025. Prevalence rates are based on a Dutch study by A Coppus et al entitled "Dementia and mortality in persons with Down's syndrome", and published in the Journal of Intellectual Disability Research, October 2006.

## Local performance data

POPPI contains a subset of the council PAF and RAP returns related to services for older people. The full set is available in the New KIGS system from Dr Foster Intelligence [DFI] with excellent graphics, comparator data and rankings on all parameters (see '**Useful links**' on the screen menu).

POPPI 2.2 includes projections based on the **latest 2006/07 returns** of the numbers receiving each service adjusted for the increase in population – **if current rates as a proportion of the elderly population continue**. The figures represent the potential demand and **not the expected demand or the desired outcome**.

Select '**Apply performance figures**' from the main menu.

Projections are provided for the numbers:

- Helped to live at home [PAF AO/32]
- Receiving intensive home care [PAF AO/C28]
- Receiving community based services [RAP P1.1c]
- Residents supported in care homes [RAP P1.1c]
- Admissions to permanent residential and nursing care - **not the rate per 10,000 population** in earlier versions of POPPI [PAF AO/C72]
- Carers receiving services [RAP C2.1b]

A full description of the CSCI performance indicators is given in the table notes.

*Note that performance data is not available at District level.*

## Data for other councils and national data

On any page you can view the same information for another local authority or for England as a whole.

To change authority, use the drop down list top right that shows CSSRs in alphabetical order. Choose the authority you wish to view and click '**GO**'.

## Additional useful links

Links to datasets with **additional geographical** detail have been added to the **'Useful links'** page [scroll down for the full list]:

- Super Output Area mid-year population estimates for England and Wales for years 2001-2004 (experimental)
- Ward level population estimates for England and Wales for years 2001-2002(experimental)

Further **measures of poverty, benefits and deprivation** can be accessed from new links to:

- Department for Work and Pensions, Resource centre: Tabulation tool
- Communities and Local Government, Indices of Deprivation 2007

We have also added links to **IDeA**: Working for Local Government Improvement and **RNIB Pension Credit** information.

## Facilities

Clicking on **Download**, then **Download this data in csv format** offers the choice of:

- Opening the current page of results in Excel.
- Saving as a CSV file.

POPPI creates a file of the type selected with the following titles and text:

Authority name  
Table title  
Table figures and totals  
Source of data

Excel spreadsheets can be used for analysis, chart and graph creation or insertion into a Word document for a report.

The **Print** facility will print the current table of figures as a report and not the whole browser screen. The printed page includes the local authority name, the table title, figures, totals and source information plus "Population data is Crown copyright 2008".

## Using POPPI

POPPI is designed to be flexible and easy to use. Whether the need is for a quick check on population forecasts or detailed development of service strategy, the information is readily available to council management and staff. Systems expertise and analytical skills are not required to access key data.

## Strategic Planning Applications

POPPI projects at the total population level – not just service users – and is ideally suited to **Strategic Needs Assessment [SNA]**. If this is joint work **[JSNA]** with a coterminous PCT, NHS users can be registered and can access the common dataset.

Care services provided by councils are often a residual element in the care of older people – after **informal care and self-payers**. Councils often have little information on informal care and self-payers and POPPI can help with the **Strategic Gap Analysis**. Understanding the total picture is an important element of JSNA and the

interaction between publicly funded care, informal care and self-payment will be critical to managing future demand for care.

POPPI can help to generate the **assumption base for operational planning** and demand monitoring – vital to detecting emerging trends in demand.

**Service strategy** development involves understanding the range and prevalence of conditions and needs likely to be encountered in future. POPPI can provide an initial quantification of these needs as a **baseline scenario**.

The download facility enables POPPI data to be downloaded to Excel as a basis for generating **alternative scenarios** varying assumptions or applying local knowledge.

## Commissioning Applications

The capacity to understand and forecast future demand has increasingly been seen as an important component of proactive commissioning as an activity across health and social care. POPPI offers Commissioners a practical and straightforward way to analyse population data, identify key characteristics within that population, project numbers into the future using census projections and compare future populations against performance data.

Population based analysis will not indicate who will come forward for a service; it does form a valuable **backdrop for service planning, market development and demand management**.

- Indicating the prevalence of conditions, which may require a social care response, and understanding patterns of prevalence within the population.
- Understanding strike rate, i.e. the numbers of people in particular circumstances or with particular conditions encountered by social care/health care/housing compared with their prevalence within the population.
- Exploring the relationship between where populations are located and service and community facilities.
- Helping to identify how many people there may be within a particular target population that a local authority should contact if it is attempting to move from a reactive to a proactive service, e.g. number of carers offering more than 50 hours care per week, where the carer is aged over 75.

## Future Applications

POPPI appears at a time of significant changes in the field of health and social care. The system is intended to provide information for councils in a dynamic environment with changing population profiles and innovations in commissioning and consumer choice across the health economy.

The **Commissioning Framework for Health and Wellbeing [March 2007]** sets out the issues and makes the case for creative responses.

The users of POPPI are the right people to identify the priorities for development and CSED will continue to seek user feedback and identify opportunities for added-value enhancements.

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