

POPGROUP

A suite of demographic forecasting models, data and utilities

Pricing Structure

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The POPGROUP product suite

A variety of products are available in the POPGROUP product suite providing a powerful combination of models, data and utilities for demographic analysis and forecasting. These products are all underpinned by MS Excel technology and are configurable to a standard desk-top PC. They all interface directly with official statistics, published routinely by national statistical agencies, and provide a wealth of output and reporting routines to support local planning and policy formulation.

The POPGROUP family of software is owned by the **Local Government Association**. Income generated from sales is used to extend the software and support its users. The POPGROUP suite has evolved over time and new components and modules continue to be developed to meet user demands. The latest version is 4, released in January 2014. A brief summary of these products is provided here.

POPGROUP V4 Model

POPGROUP provides a means to make estimates of the current population and forecasts of the future population for national, sub-national and local areas, for the whole population of an area and for sub-populations including ethnic groups. Users enter past information and their assumptions about the future for births and fertility, deaths and mortality, and migration into MS Excel data sheets. Information from population estimates can also be incorporated. The impact of planned housing or jobs on population can be modelled with POPGROUP when used together with a Derived Forecast model. POPGROUP uses a standard cohort component forecasting method to produce forecasts and provides results in MS Excel worksheets with flexible data extraction and charting utilities available.

Derived Forecast Model

Including households, labour force and disability forecasts

The Derived Forecast Model accommodates all of the UK statistical agencies' household projection methodologies as well as labour force, disability and other projections derived from the future age-sex composition of the population. The model also has the functionality to compare forecasts, include dwelling-led, jobs-led and other target-led forecasts. It can be used independently of POPGROUP or may use output from POPGROUP directly.

For household forecasts, users enter past information and assumptions about the future for headship rates and the number of people living in communal establishments into MS Excel worksheets. The Derived Forecast Model uses standard headship rate models (chosen by the user) to produce forecasts. Marital status is an optional part of the model.

For projections of the future labour force, users enter past information and assumptions about the future economic activity rates into MS Excel worksheets. The Derived Forecasts Model uses standard projection methods to produce forecasts.

For projections of the disabled population, users enter past information and assumptions about the future, either for a single overall rate of disability or limiting long-term illness, or for several rates of types or severity of disability.

DATA MODULES FOR POPGROUP AND DERIVED FORECAST

DF Data Modules:

- CLG2011HH – CLG's 2011-based household projections for England
- CLG2008HH – CLG's 2008-based household projections for England
- WAG2008HH – WAG's 2008-based household projections for Wales
- NRS2010HH (previous data module: GROS2008HH) – NRS' 2010-based household projections for Scotland
- ENG2001Disability – 2001-based disability projections for local authorities in England
- ENG2001LLTI – 2001-based long-term limiting illness projections for local authorities in England
- NI2001Disability – 2001-based disability projections for local authorities in Northern Ireland
- NI2001LLTI – 2001-based long-term limiting illness projections for local authorities in Northern Ireland
- SCO2001Disability – 2001-based disability projections for local authorities in Scotland
- SCO2001LLTI – 2001-based long-term limiting illness projections for local authorities in Scotland
- WAL2001Disability – 2001-based disability projections for local authorities in Wales
- WAL2001LLTI – 2001-based long-term limiting illness projections for local authorities in Wales

POPGROUP Data Modules:

For POPGROUP v4:

- WAG2011pop – WG's 2011-based sub-national population projections for Wales
- England and Scotland 2012-based sub-national population projections are expected in May/June 2014

For POPGROUP v3:

- ONS2010POP (previous data module: ONS2008POP) – ONS' 2010-based sub-national population projections for England
- NRS2010POP – NRS' 2010-based sub-national population projections for Scotland
- WAG2008pop – WAG's 2008-based sub-national population projections for Wales

Past models: HOUSEGROUP and LABGROUP

HOUSEGROUP was designed to replicate the government projections for English local authorities up to 2006-based, and will not easily handle later household projections for any of the four countries of the UK. The Derived Forecasts model does accommodate all these projections as well as others as described above. It replaces HOUSEGROUP, LABGROUP and HOUSEGROUP-Wales. These products will be supported but will not be further developed. It is expected that current users will usually transfer to the Derived Forecasts model because of its greater functionality, and have been given a price discount.

Pricing Structure

Note: All prices exclude VAT, which is payable at the current rate

A user licence is issued to a single organisation, within which the software may be shared with an unlimited number of users. A user licence entitles users to a comprehensive software manual. POPGROUP and associated software will be maintained and any bugs fixed, for all users free of charge.

1. NON-COMMERCIAL USERS

POPGROUP Model

User licence	£1,500
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Annual service package	£300 per year
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On purchase of the service package users will receive all 'current' POPGROUP Data Modules; current means the latest version of a particular type of Data Module (e.g. the 2012-based population projections, which supersede the 2010-based population projections). Users will also receive all POPGROUP Data Modules released in the years for which a service package is chosen. Access to earlier POPGROUP Data Modules will be subject to an additional charge (see Purchasing Earlier Data Modules' below).

PGV4 as an update to PGV3

The new version of POPGROUP is free to non-commercial users who have a three year service package or equivalent or existing users can buy it for a one off payment of £1,000.

Derived Forecast Model

User licence	£1,500
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<i>Discounted price for those who have purchased either HOUSEGROUP or LABGROUP</i>	£1,000
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<i>Discounted price for those who have purchased both HOUSEGROUP and LABGROUP</i>	£750
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Annual service package	£300 per year
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Derived Forecast users can pay an optional annual service package which includes full support plus Data Modules and product upgrades.

On purchase of the service package users will receive all 'current' Derived Forecast Data Modules; current means the latest version of a particular type of Data Module (e.g. the 2012-based household projections, which will supersede the 2010-based household projections, when released). Users will also receive all Derived Forecast Data Modules released in the years for which a service package is chosen. Access to earlier Derived Forecast Data Modules will be subject to an additional charge (see Purchasing Earlier Data Modules' below).

Annual service package for both POPGROUP and Derived Forecasts	£450 per year
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Where the annual service package is required on both the POPGROUP and Derived Forecast Models a discount of £150 will be applied to the fee.

Discount for early payment

A discount will be given for payment of the annual service package in advance:

- 10% off the second year price if purchased with first year
- 15% off third year if purchased with first year

If annual service package is not chosen

Data Modules

£300 per Module

Guide price: actual price may vary according to content of data pack

Period for annual service package

The service package fee is for the annual period that starts on the date a user licence is obtained. Users will gain access to all 'current*' Data Modules released in that annual period.

For example, if a user agrees a 3-year service package on 1st October 2010, it will cover the three-year period until 30th September 2013. If a user agrees a 3-year service package on 1st July 2011, it will cover the three-year period until 30th June 2014

- * 'Current' refers to the latest version of a particular type of Data Module (e.g. the 2010-based population projections, which supersede the 2008-based population projections).

Training

The software manuals are sufficient for technical users to develop models confidently. Training is also supplied by Manchester University and Edge Analytics in standard courses, in-house and tailor-made versions. See <http://www.ccsr.ac.uk/popgroup/training.html> and/or enquire at popgroup@edgeanalytics.co.uk

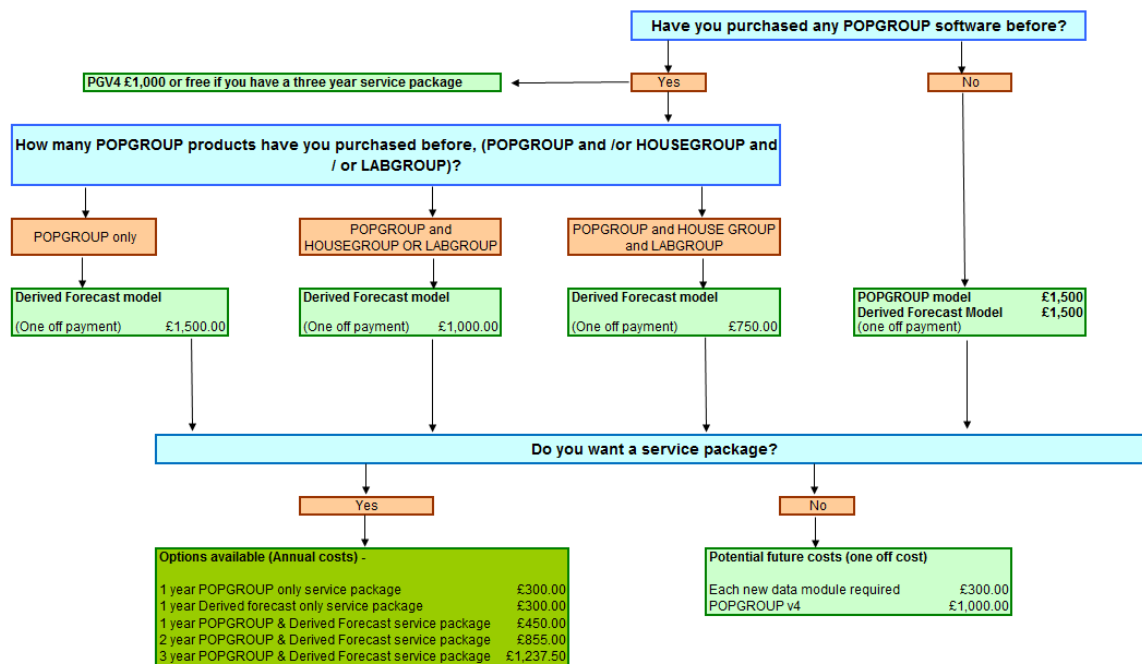
Purchasing earlier Data Modules

Users may purchase 'earlier' POPGROUP and Derived Forecast Data Modules at the following cost:

POPGROUP Data Modules	£300 for each set* of earlier versions required
Derived Forecast Data Modules	£300 for each set* of earlier versions required
All Data Modules	£450 for each set* of earlier versions required

Note that POPGROUP version 4 is not compatible with earlier versions of POPGROUP Data Modules.

- * 'Set' refers to a group of Data Modules that have since been superseded by newer versions. For example, since the 2010-based household Data Modules were released for England, Wales and Scotland, the 2008-based household Data Modules have become part of an earlier 'set' and are therefore subject to an additional charge for new users.



Please note the following

To get the discount on the service package, payment must be made in one instalment
 Previous years data can be brought at a cost of £450 a year for both POPGROUP and Derived forecast or £300 for just one of them
 All costs will incur VAT, at the rate of time of purchase

	Annual Costs
	One off Costs

2. COMMERCIAL USERS

POPGROUP Model – one off payment £1,500

Derived Forecast – one off payment £1,500

Annual Service package comprise of telephone/e-mail support from Edge Analytics, guidance advice notes (when released) and software fixes, and will be priced at £450 per annum; the 3 year discount package is not available to commercial users.

Annual service charge - £3,000 per annum

Area Data Modules – for each current data module users can specify the authorities for which they require data and we will provide it at a cost of £500 per authority (district) per data module. For each module, we will provide a list of authorities for which data is available.

PGV4

The new version of POPGROUP can be brought by existing users for £1,000; all new users will receive PGV4 automatically.

3. EDUCATIONAL USERS

POPGROUP and Derived Forecast Models

Forecast software is now available for teaching use under a two year licence, costing £100. The full licence application is available from alexandra.marshall@local.gov.uk to whom completed applications should be sent. Enquiries about the software capability and its use in teaching should be directed to ludi.simpson@manchester.ac.uk.

The aim is to encourage use of the POPGROUP product suite in teaching, in its role as the industry standard for public sector demographic forecasting in the UK. Its use in research or for commercial work requires full purchase of the software, as set out in the current pricing structure above.

The Excel platform, and the extensive reporting and graphical interrogation procedures, make POPGROUP well suited to supporting the teaching of demographic concepts and analysis as well as projections. Its main POPGROUP module prepares population forecasts by standard cohort component methods, using an Excel platform and coping with multiple single-region projections in which any of the components, or the projection itself, can be constrained to inputs for the total of regions. Inputs may be counts of demographic events, or demographic rates, expressed as specific to age and sex or as total summaries. The Derived Forecasts module prepares forecasts of anything related to age-sex composition, including households, labour force, illness and disability. The software has been used for demographic projections for Europe and for developing countries – it is not limited to the UK.

The user enters data about assumptions for each component of a forecast. Recent government forecasts for all local authorities in Scotland or England are available (at a cost of £300).

Administration of the Educational Licence

a. The Applicant in an academic department (the **End User Organisation**) requests the software for teaching (including students' research required by an academic qualification), and signs up to the whole procedure, by submitting an **End User Licence Application**.

b. The End Users of the software (students) each sign the **Declaration**, a list which can be circulated around a class.

c. The Declaration states that they have each been given and agree to the **Educational End User Licence Agreement**. The Declaration listing those signed up, is sent back to POPGROUP by the Applicant.

d. Support is through one person in the educational institution, and is limited to ten enquiries to POPGROUP support during the year. That person is expected to become familiar with the software sufficiently to answer most students' enquiries.

The terms of the Educational Licence will be reviewed by POPGROUP's Steering Committee in October 2013, which may affect licences beginning after that date.

Summary of costs

POPGROUP and Derived Forecast, including service package	£100
Data Modules	
Price per data modules	£300
Price for all current data modules and those created in the following 12 months	£450

Maintenance

Popgroup and associated software will be maintained and any bugs fixed, for all users free of charge.

Each module includes:

- Full reference manual; on-screen notes and user manual with worked examples
- Technical support from popgroup@edgeanalytics.co.uk
- e-mail discussion list and independent user group
- Maintenance: quick resolution of any program faults

To Order

To place an order for POPGROUP software, please email or post a **Purchase Order** to:

Alexandra Marshall

Local Government Association

Smith Square

London

SW1P 3HZ

Tel: +44 (0) 20 7664 3135

Alexandra.Marshall@local.gov.uk

Telephone enquiries about orders, to Alexandra Marshall on +44 (0) 20 7664 3135.

Enquiries regarding the functionality of the software to Edge Analytics

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