



**Dr Elaine Douglas, Dr Alasdair Rutherford, Professor David Bell**

### What is HAGIS?

HAGIS is the first comprehensive longitudinal study of ageing in Scotland. Currently, in its pilot phase, HAGIS has interviewed over 1,000 people in Scotland aged 50 plus. The aim of HAGIS is to gather information about the health, social and economic circumstances of older people to further the understanding of ageing in Scotland and to support policy debate.

### Motivations

- Scotland doesn't have a longitudinal ageing survey
- Scotland has poor health and low life expectancy
- Scotland has different policies for health and social care compared to the rest of the UK
- Scotland has a unique ability to link data sources
- Scotland's population structure is changing

### Survey

The HAGIS questionnaire is very closely linked to the other ageing surveys, such as the English Longitudinal Study of Ageing (ELSA) and the Northern Ireland Cohort for the Longitudinal Study of Ageing (NICOLA). The similarity across questionnaires will enable robust cross-country comparisons. The survey includes questions on:

- Work & Retirement (planning)
- Income & Assets
- Financial Literacy
- Cognitive Ageing
- Health Behaviours
- Activities of Daily Life & Carers

### Validated Instruments Include

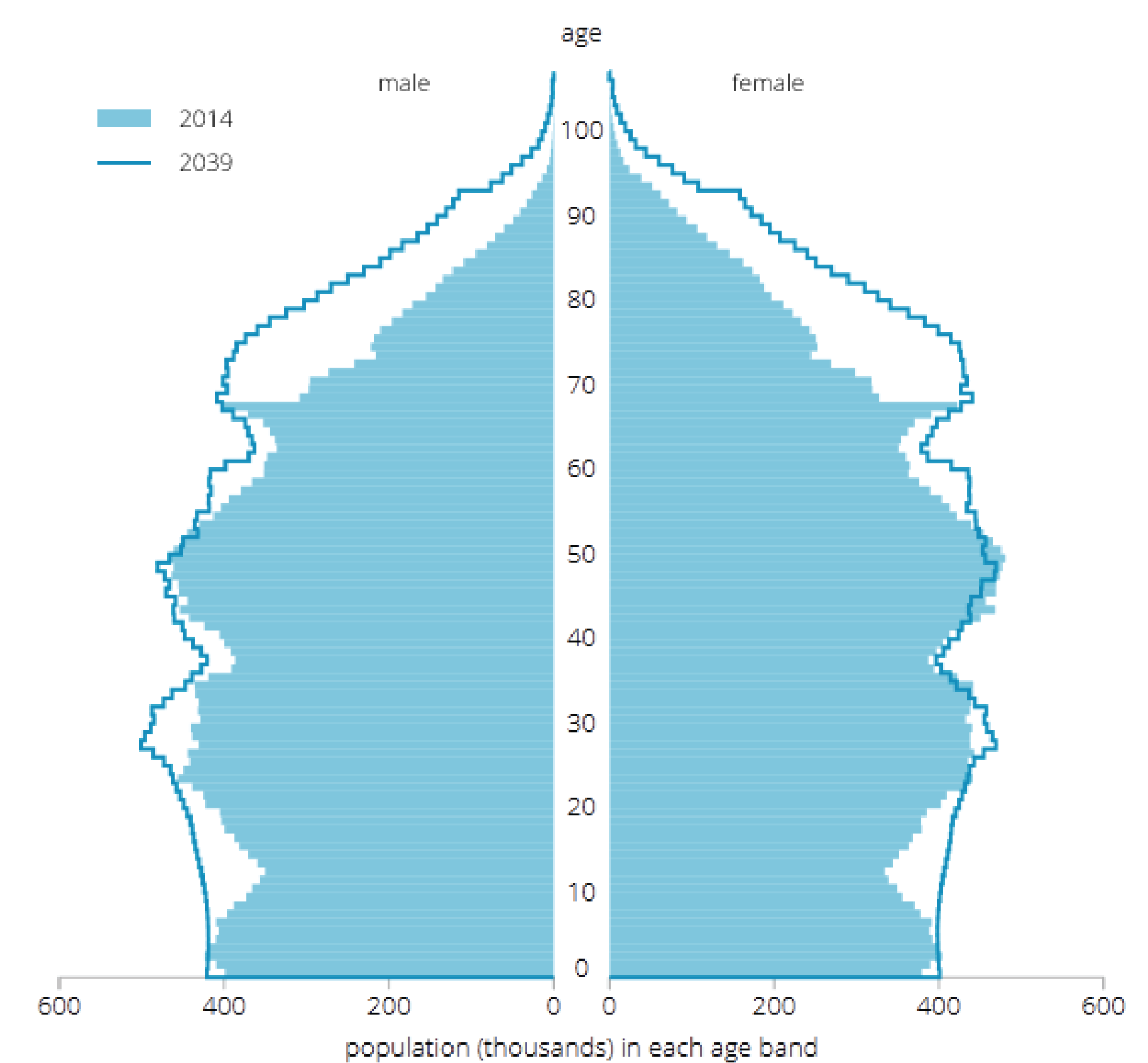
- Satisfaction With Life Scale (Pavot & Deiner, 2008)
- UCLA Loneliness Scale (Neto, 2014)
- CASP-19 Quality of Life (Hyde et al, 2003)
- Subjective Wellbeing (Dolan & Metcalfe, 2012)
- Beck's Hopelessness Scale (Beck, 1974)
- International Personality Item Pool (IPIP) – 5 Factor (Goldberg et al, 2006)

### Gateway to Global Aging

HAGIS will be part of The **Gateway to Global Ageing Data** initiative.

This is a global platform for data sharing and collaboration of longitudinal ageing studies across the world. The platform allows for easy comparisons to be made between survey questions and variables, and harmonized versions of each country's data are readily available here for cross country analysis.

### Scotland's Ageing Population



### Administrative Data Linkage

HAGIS has asked participants for consent to link their survey responses to administrative data. This linkage will allow for analysis of chronic disease and patterns of prescribing, and pathways to health and social care services.

The data sources include:

- NHS Records (hospital admissions, prescriptions, accident & emergency)
- Social Care Survey
- Education
- DWP & HMRC

### HAGIS As a Data Resource

Anonymised HAGIS survey data will be available for research purposes. Like many other household surveys, HAGIS data will be accessed via the UK Data Service and available from 2018.

### References

Beck AT, Weissman A, Lester D, et al. The measurement of pessimism: The Hopelessness Scale. *J Consult Clin Psychol* 1974;42:861-5

Dolan P, Metcalfe R. Measuring subjective wellbeing: recommendations on measures for use by national governments

Goldberg LR, Johnson JA, Eber HW, et al. The international personality item pool and the future of public-domain personality measures. *J Res Pers* 2006;40:84-96

Hyde M, Wiggins RD, Higgs P, et al. A measure of quality of life in early old age: The theory, development and properties of a needs satisfaction model (CASP-19). *Ageing Ment Health* 2003;7:186-94

Neto F. Psychometric analysis of the short-form UCLA Loneliness Scale (ULS-6) in older adults. *Eur J Ageing* 2014;11:313-9

Pavot W, Diener E. The Satisfaction With Life Scale and the emerging construct of life satisfaction. *J Posit Psychol* 2008;3:137-52

