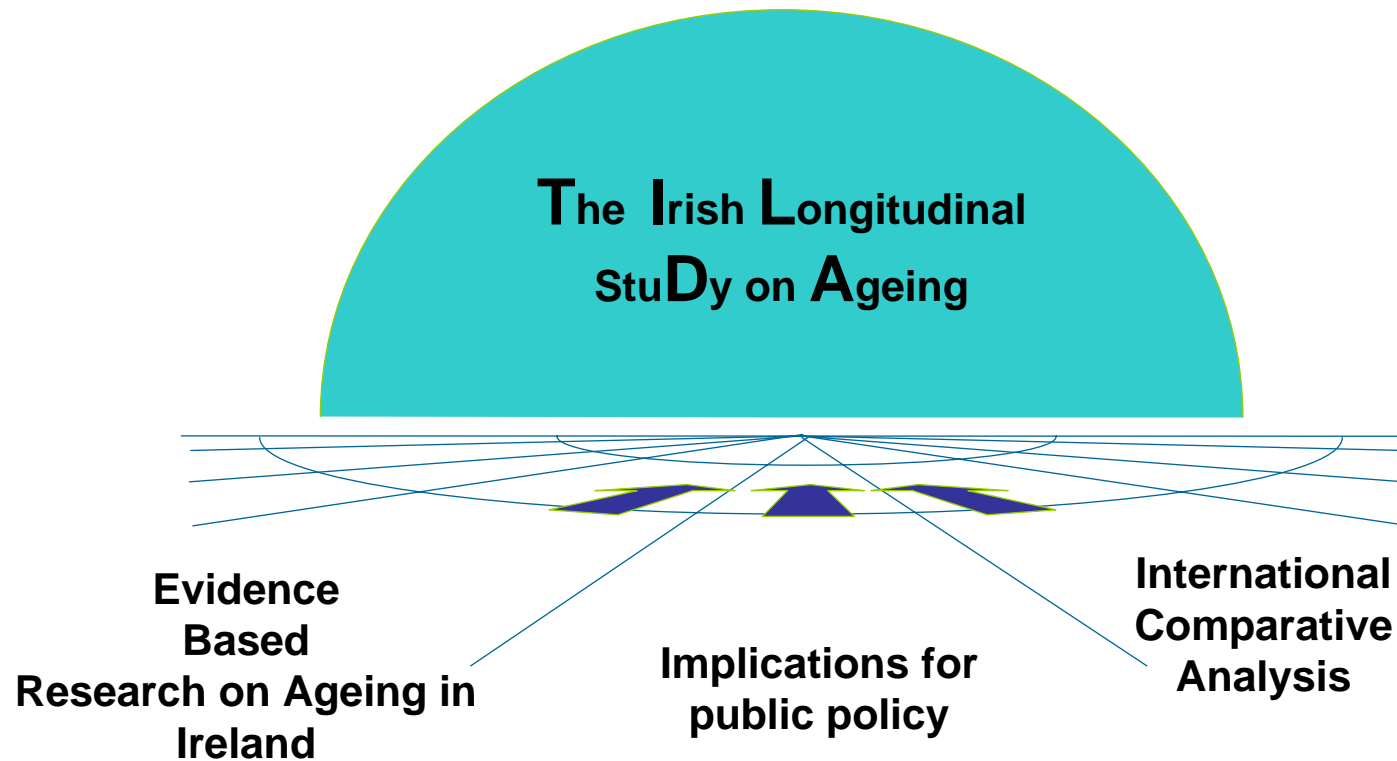


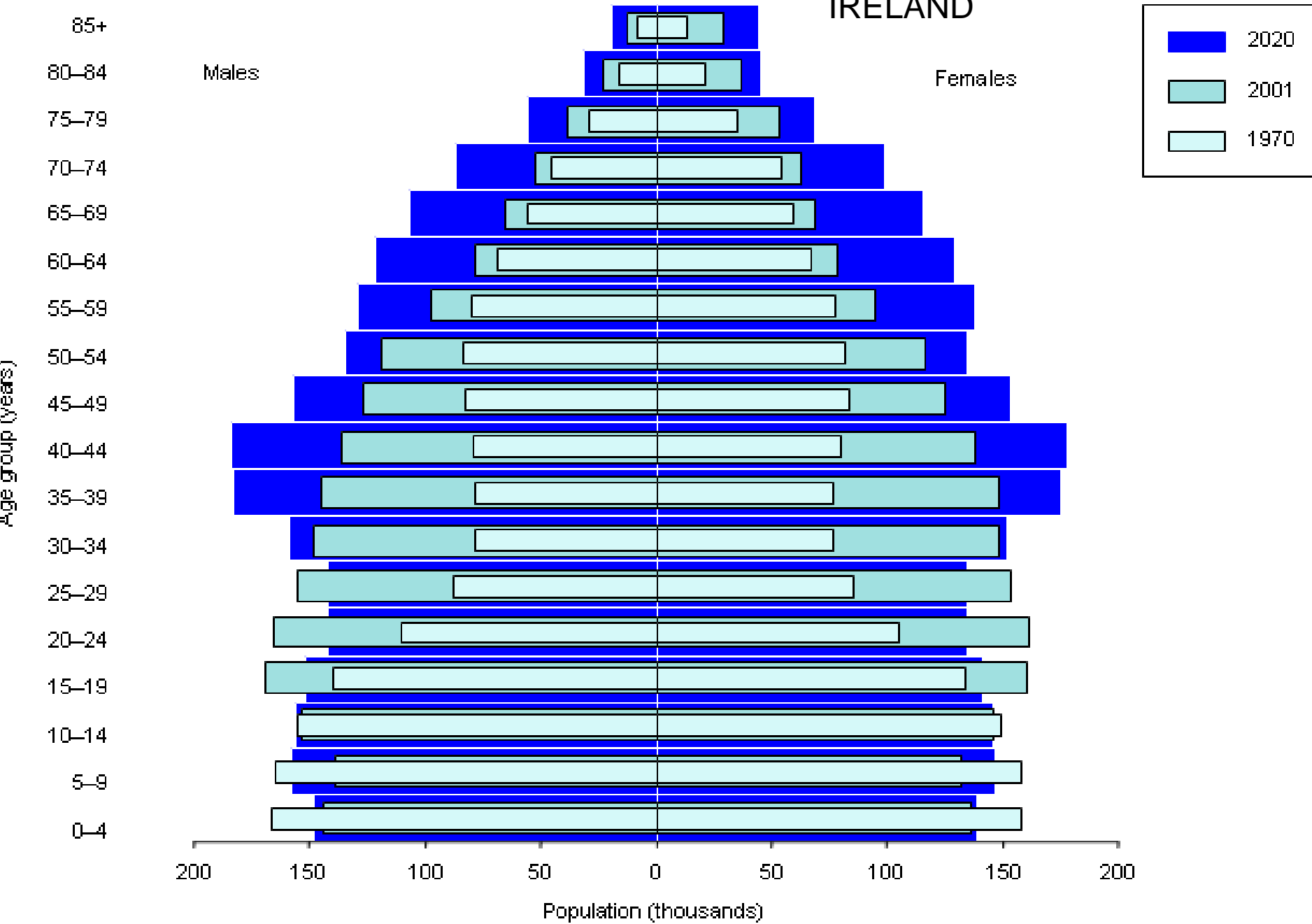
TILDA

A Critical Resource for Science and Policy in Ireland



10 June 2008

IRELAND



Sources: WHO Regional Office for Europe (2004d) and United Nations (2002)

Huge Challenges for our Society and for Public Policy

- How to maintain the **living standards** and **quality of life** of our population?
 - *Pensions, Housing*
- How to provide appropriate **services and facilities**?
 - *Healthcare, Social Care, Social Contact*
- How to ensure **effectiveness** and **financial sustainability**?
 - *Level and mix of Public Expenditure, Role of the Public and Private sectors*

TILDA will provide a Research Base to meet these Challenges

- **Inter-institutional, inter-disciplinary research team** comprising some of the most eminent researchers in Ireland in the health, social and economic fields
- **Large, representative sample** of up to 10,000 persons aged 50 and over to allow accurate analysis and substantial disaggregation of results
- High quality **sampling, fieldwork and data processing**
- **Longitudinal** design focussed on **processes** as well as point-in-time estimates – follow-up at 2 yearly intervals
- Commitment to both **leading edge science** and in-depth **policy-relevant analysis**
- Focus on building genuine **international comparability** of methods and results

Environment

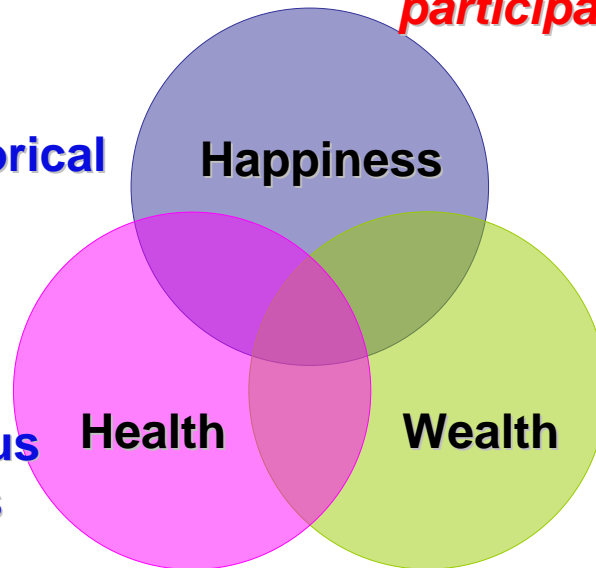
*income, care, housing,
families, morale, pensions,
social networks,
participation work force*

Quality of Life

social and historical

Genes -their
influence on disease
processes or
successful ageing?

physical status
mental status



Implications for the
economy and the
labour market

Expectations

Experience

**scale and scope of
contributions made
by older people to life
in Ireland**



Nematode (3 weeks)



Mouse (3 years)



Cat (28 years)



Bat (40 years)



122 years



Turtle (over 150 years)



Freshwater hydra (no ageing process known)

TILDA

An Inter-institutional Partnership

- TCD (lead)
- Dundalk Institute of Technology
- ESRI
- NUI Cork
- NUI Galway
- RCSI
- UCD
- UL

International Comparability and Co-operation

- Longitudinal studies of ageing are extensively used in many developed countries
 - **HRS (USA)**
 - **ELSA (UK)**
 - **SHARE (Europe)**
- These studies increasingly based on a marriage of physical, biological, health and social sciences
- TILDA team is already participating in conferences and co-operative work with the major international studies. We have been invited by NIA to submit a grant application.
- In particular, TILDA is co-ordinating closely with SHARE, the Irish element of which is led by the Geary Institute in UCD
- The TILDA Scientific Advisory Committee includes 8 of the world leaders in this field

TILDA is working with other cutting edge research in Ireland

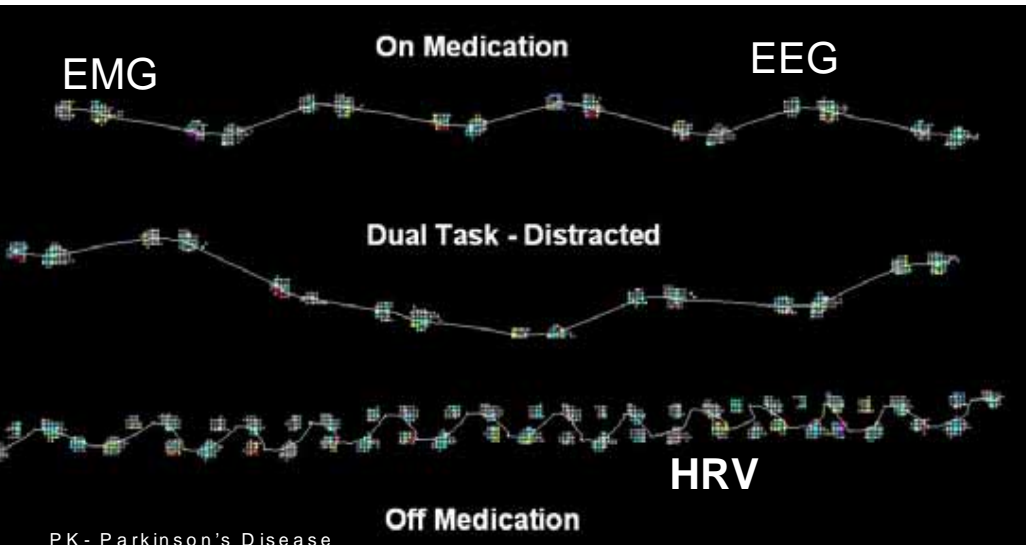
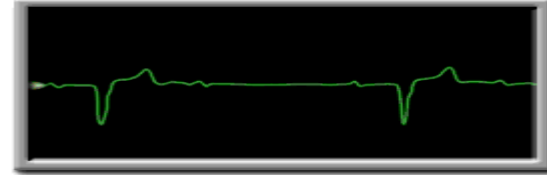
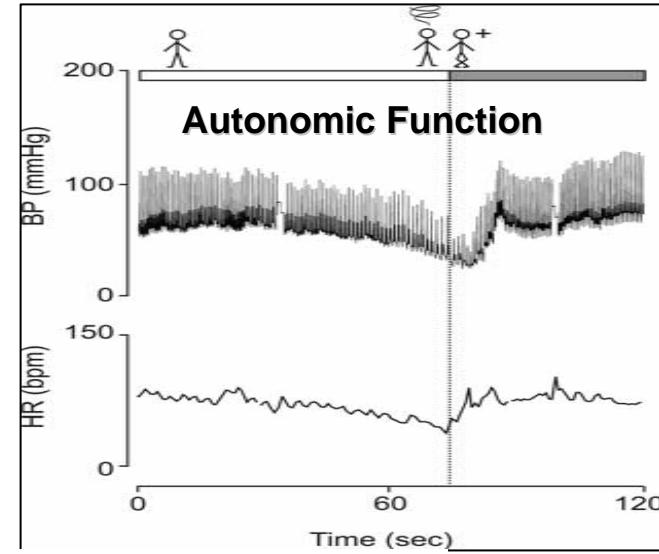
- Technological Research for Independent Living (TRIL) –major industry/academic research programme sponsored by INTEL and the Irish Government
- Trinity College Institute for Neuroscience (TCIN)
- ESRI EU-funded research on the measurement of living standards and poverty
- TILDA is a key element of the proposed FIGH (Focussing Ireland on Global Health) strategy under discussion with IDA, Forfas

Main Health Variables

- Self assessed health
- Major illnesses and complaints
- Assessment of cognition and mood
- Medications
- Sensory functioning
- Comprehensive clinical assessment,
incl. bloods, lung function, bone density,
gait and balance, blood pressure etc.

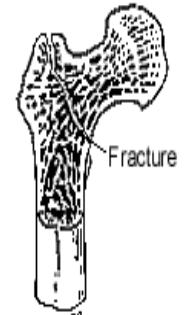
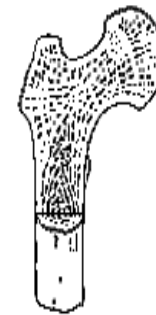


The Magic Carpet



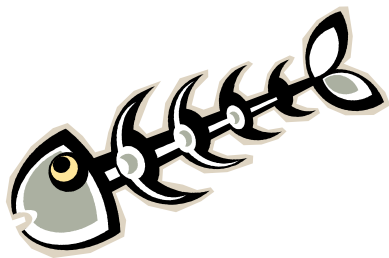
Normal bone

Bone with osteoporosis



Close-up view

Close-up view



Main Economic Variables

- Labour force participation, retirement – current and retrospective
- Factors influencing the retirement decision
- Detailed measures of Income from all sources – work, State pensions, private pensions, other Social Welfare, investments etc.
- Assets/Wealth, especially housing
- Human capital, training (past, present, future) – lifelong learning

Main Social Variables

- Family situation
- Nature and extent of contact
- ADLs, IADLs and levels of care/support, both formal and informal
- Intra family transfers – assets, income, time
- Social participation/ engagement

Key Inputs to Policy

- Pensions and living standards – current situation and patterns of change over time
- Usage of health and social services to assist planning for future needs
- Retirement decisions and implications for the labour market
- Interactions of health, economic and social factors to allow detailed tracking of change and innovation in older people's lifestyles (transport, housing, communications etc.)

Scale and Funding

- TILDA presents major logistic and organisational challenges
- Now at Pilot/Design Phase, to be completed by February 2008
- Pilot phase funded mainly by Atlantic Philanthropies – €1m.
- Generous funding of €4m. by Irish Life for 10 years of the main study – 4 waves at two yearly intervals
- Total cost will be in the region of €30m. AP have indicated they will co-fund, provided Government support is forthcoming to ensure long-term sustainability and coherence with policy.

TILDA Milestones

Sep	2006	Start project
Aug	2008	Complete pilot(s)
Nov	2008	Brief Wave 1
July	2009	Clean complete file Wave 1
	2009/10	Analysis Wave 1
Nov	2010	Brief Wave 2
July	2011	Clean complete linked Wave 2 file
	2011/12	Analysis Waves 2/1
Nov	2012	Brief Wave 3
July	2013	Clean complete linked Wave 3 file
	2013/14	Analysis Waves 3/2/1
Nov	2014	Brief Wave 4
July	2015	Clean complete linked Wave 4 file
	2015/16	Analysis Waves 4/3/2/1
Aug	2016	Completion of 10 year period

Outcomes of The Irish Longitudinal Study on Ageing

