



eHealth
without frontiers

**DEVELOPING A CONNECTED
HEALTH ECONOMY IN
NORTHERN IRELAND:**

TURNING ASPIRATION INTO REALITY
Dr ANDREW McCORMICK

**Department of Health, Social Services & Public Safety,
Northern Ireland**



Slovensko predsedstvo EU 2008
Slovenian Presidency of the EU 2008
La Présidence slovène de l'UE 2008



REPUBLIKA SLOVENIJA
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REPUBLIC OF SLOVENIA
MINISTRY OF HEALTH



European Commission

Structure of presentation



- Key issues for the Health and Social Care system in Northern Ireland
- The policy response
- Giving effect to policy
- Looking forward – developing a connected health economy



Key Issues for health and social care in Northern Ireland



- Increasing Demand
- Supply Side Factors
- Performance



Increasing demand



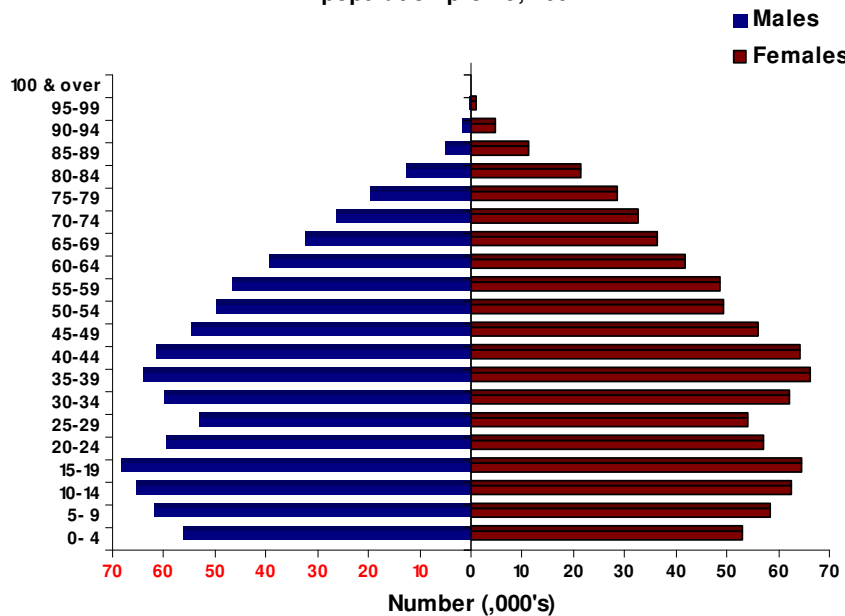
Although NI currently has a younger age profile than England, its elderly population, who have very expensive care costs, are growing more rapidly, placing an increasing demand on resources...



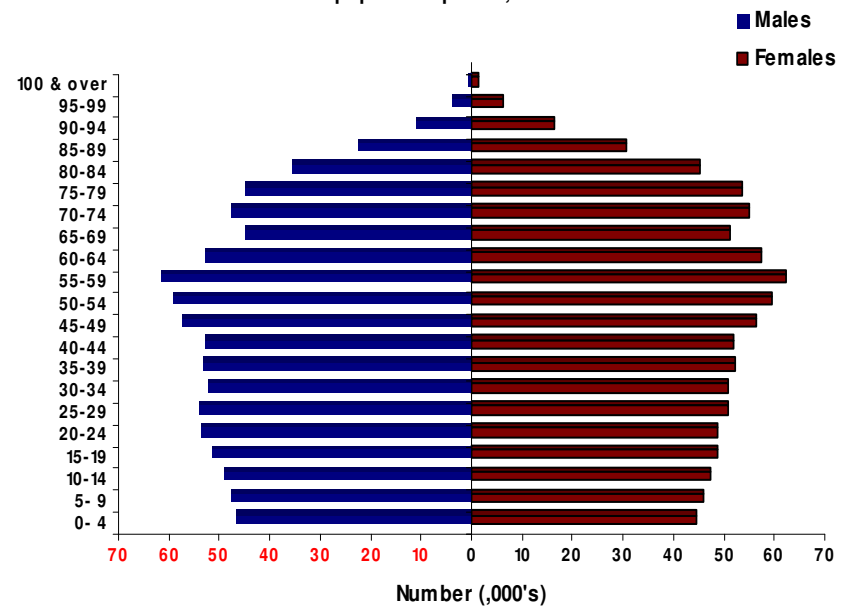
NI Demography, 2004 - 2044



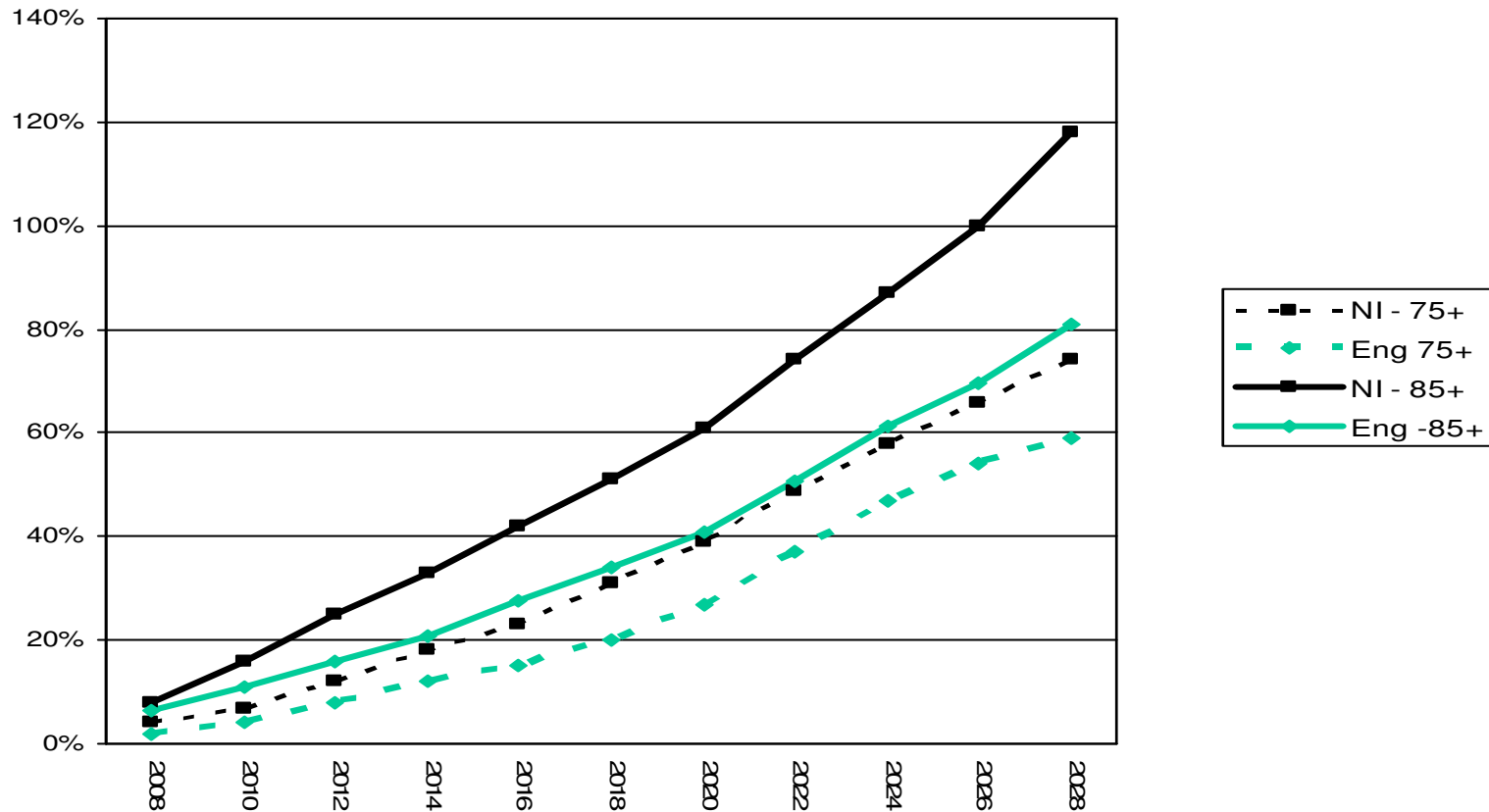
NI population profile, 2004



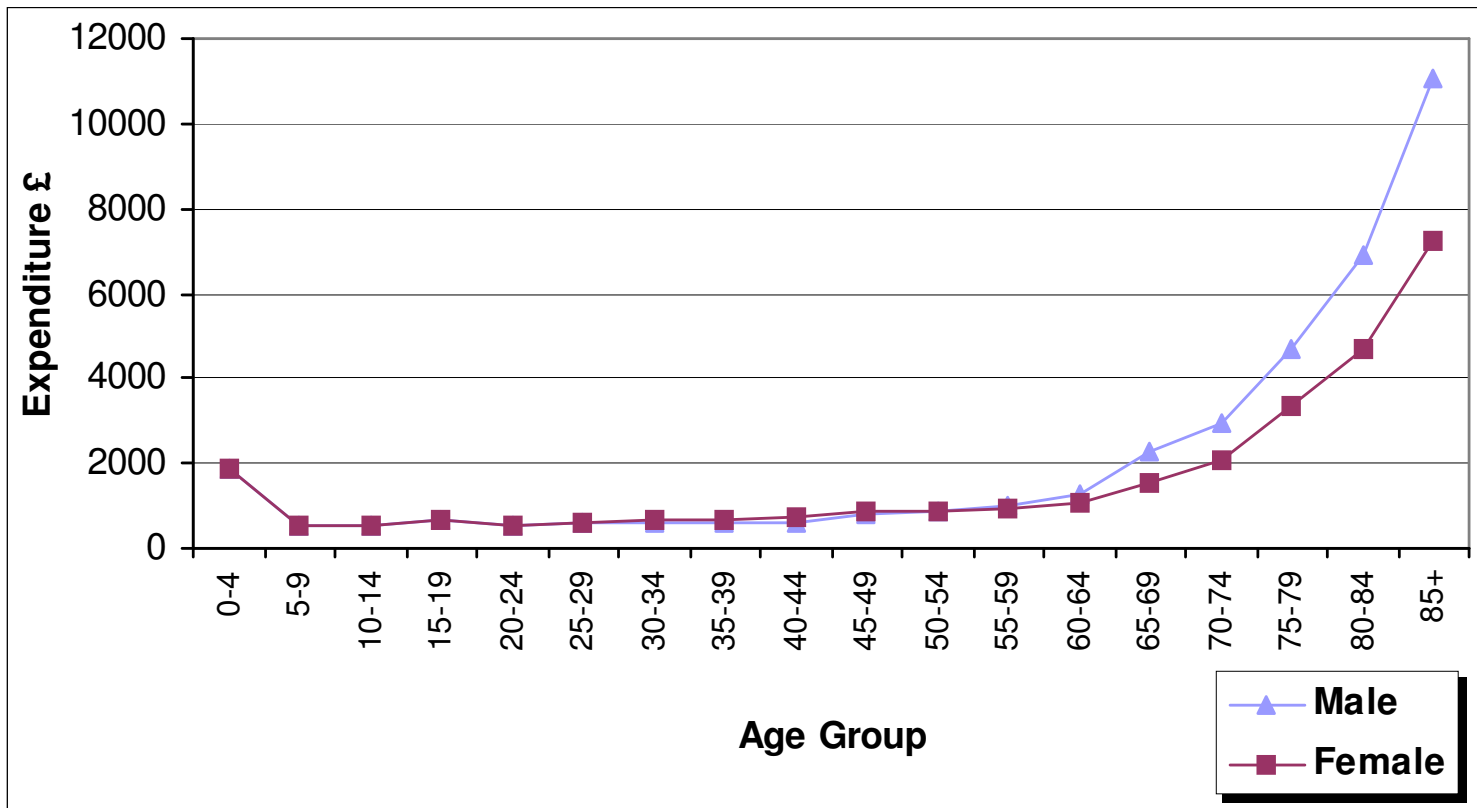
NI population profile, 2044



Projected % increase in elderly population (relative to 2006)



Age/Gender costs – All Services, 2003/04



Major reform of the delivery system is required



“The way healthcare is presently delivered has to be deeply reformed. The situation is becoming unsustainable and will only worsen in the future as chronic diseases and the demographics change place additional strains on healthcare systems around Europe.

“A new healthcare delivery model based on preventative and person-centred health systems is needed. This new model can only be achieved through better use of ICT in combination with appropriate organisational change and skills.”

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Policy response



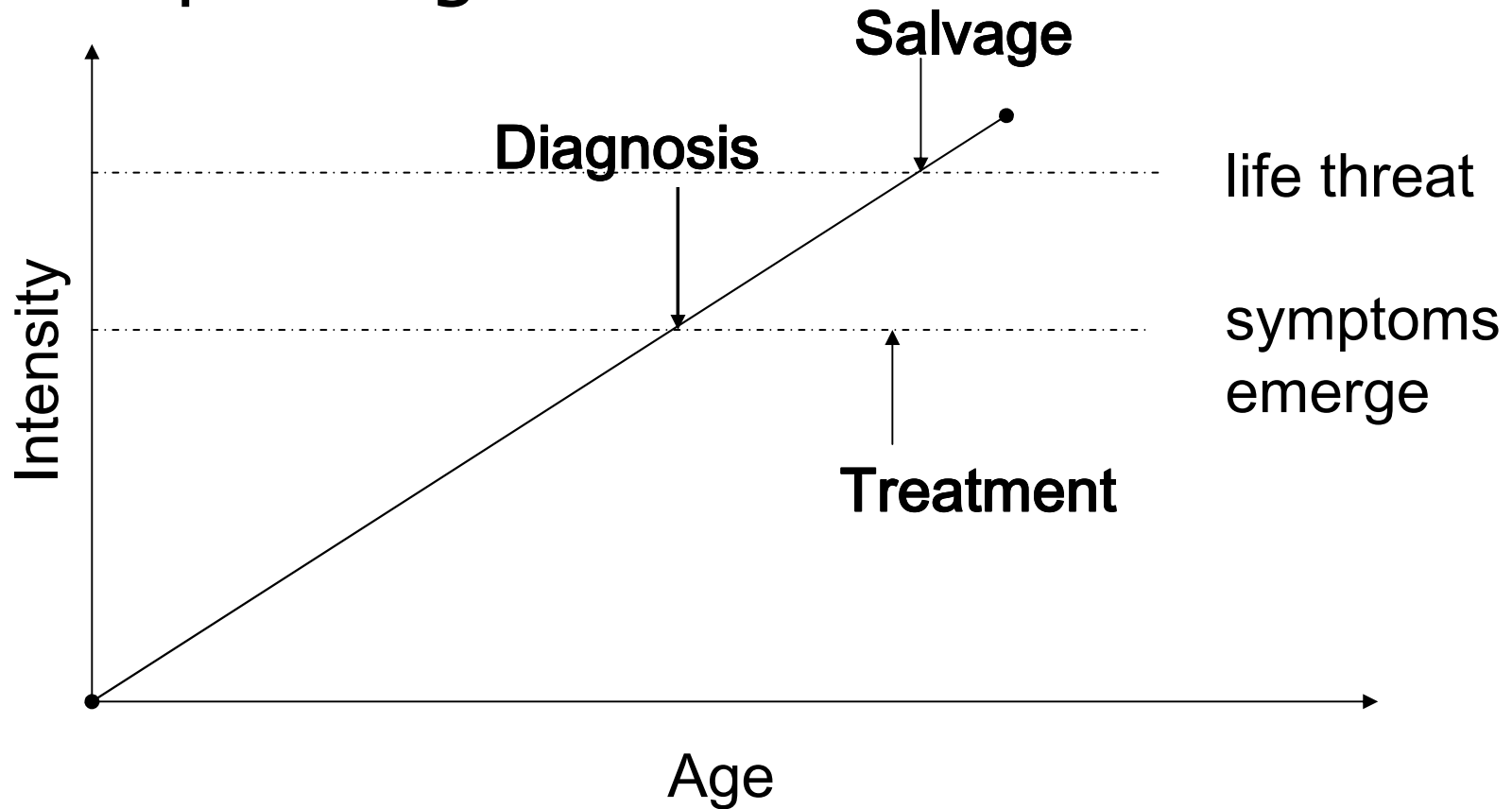
- Pursuit of public health promotion/disease prevention strategies
- Development of early intervention strategies, promoting and securing community alternatives to hospital referral and admission
- Introduction of innovative approaches to manage demand better
- Better use of ICT, combined with reform of care delivery system



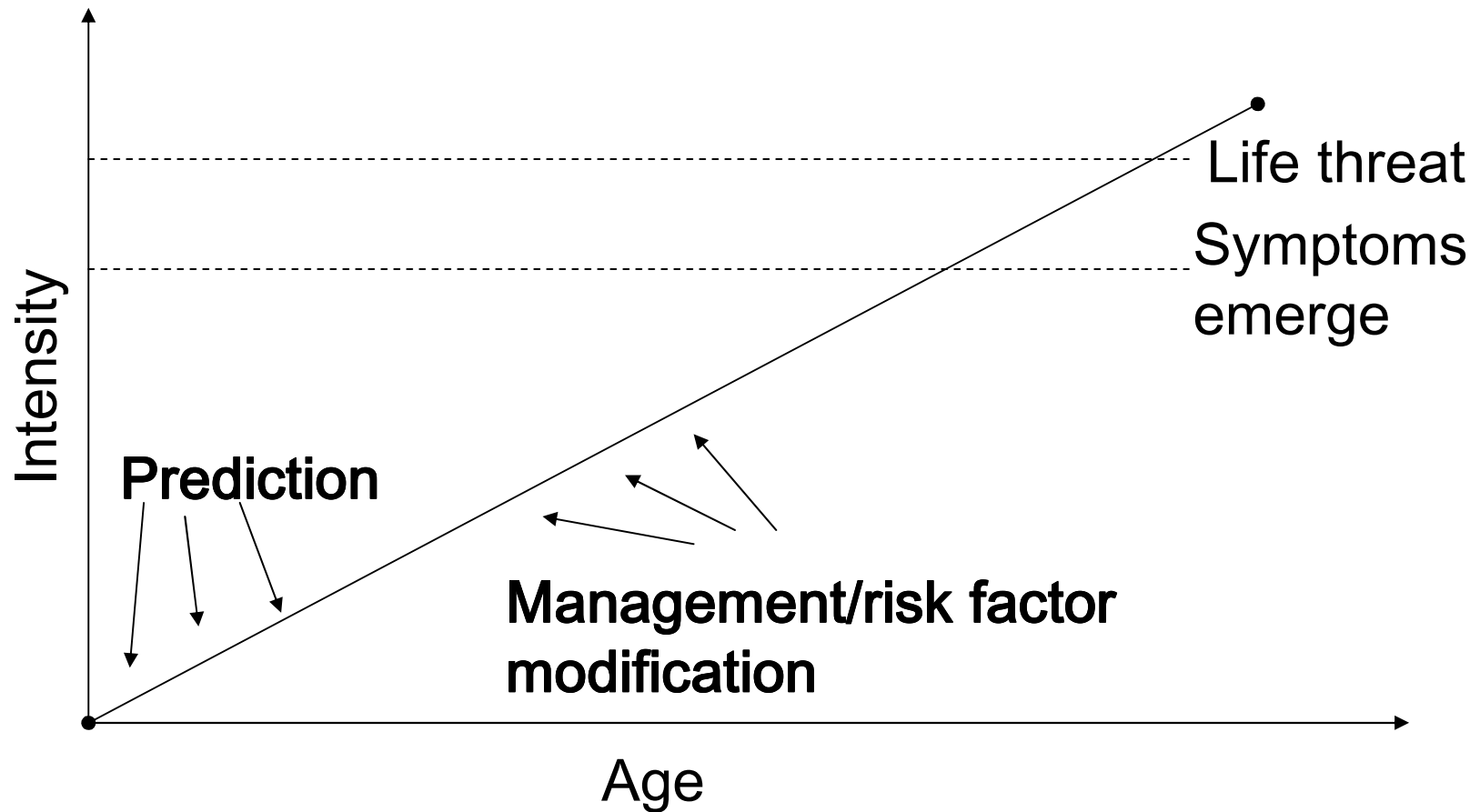
Old and new paradigms of chronic disease management



Old paradigm...



...And new paradigm



E-health can make a big difference



- Strong evidence to support the linking of accepted clinical approaches with new technological approaches
- Yet many European and American health economies are struggling to introduce a scale application of these approaches
- A clear strategic focus is needed – using public authority to address obstacles



Giving effect to policy



- ✓ Establishment of European Centre for Connected Health
- ✓ Major investment in chronic disease management over next three years
- ✓ Roll out of Digital picture archiving and communication system across Northern Ireland by 2010
- ✓ 5-7 year cross-government strategy for developing NI as a connected health economy to be completed by December 2008
- ✓ Electronic health care record
- ✓ A major procurement exercise



Next steps – the procurement process



- Aim: 5000 people on remote monitoring by 2011
- Technology is not the constraining factor
- Need to build capacity, commitment and buy-in from local professionals
- Process already started
- Also wish to have early engagement with suppliers
- Formal notice in OJEU later this month
- Anticipated commencement of formal procurement exercise during summer 2008



Developing a blueprint for connected health



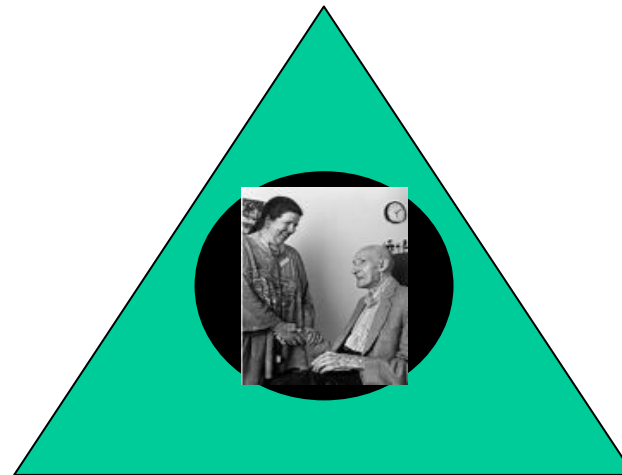
- Strategic context – drivers for change
- Service vision
- UK and international ICT developments in response to vision
- Where we are now
- Gap analysis
- Closing the gap
- Making it happen



Giving effect to policy - the role of the European Centre for Connected Health



Leadership and
Co-ordination



Promoting linkages
and economic activity

Strategic design of
systems of care



LOOKING FORWARD: developing a connected health economy



Our particular strengths:

- Cross government approach
- Our size
- Our capacity and track record
- Our universities and skills base
- Our innovation
- Our openness to partnerships
- Our motivation...and so...
- Our potential to be an exemplar population





WATCH THIS E-SPACE!





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