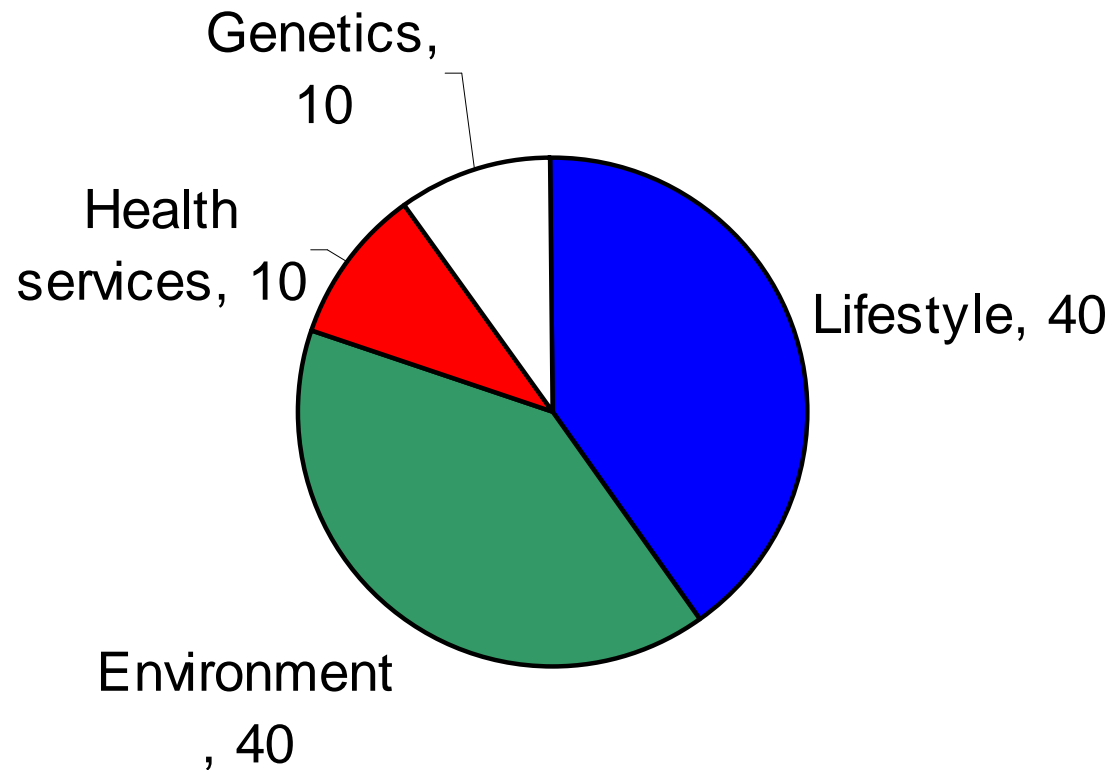


Housing Impact on Health



Dr Dympna Edwards
Deputy Director of Public
Health
Liverpool Primary Care Trust

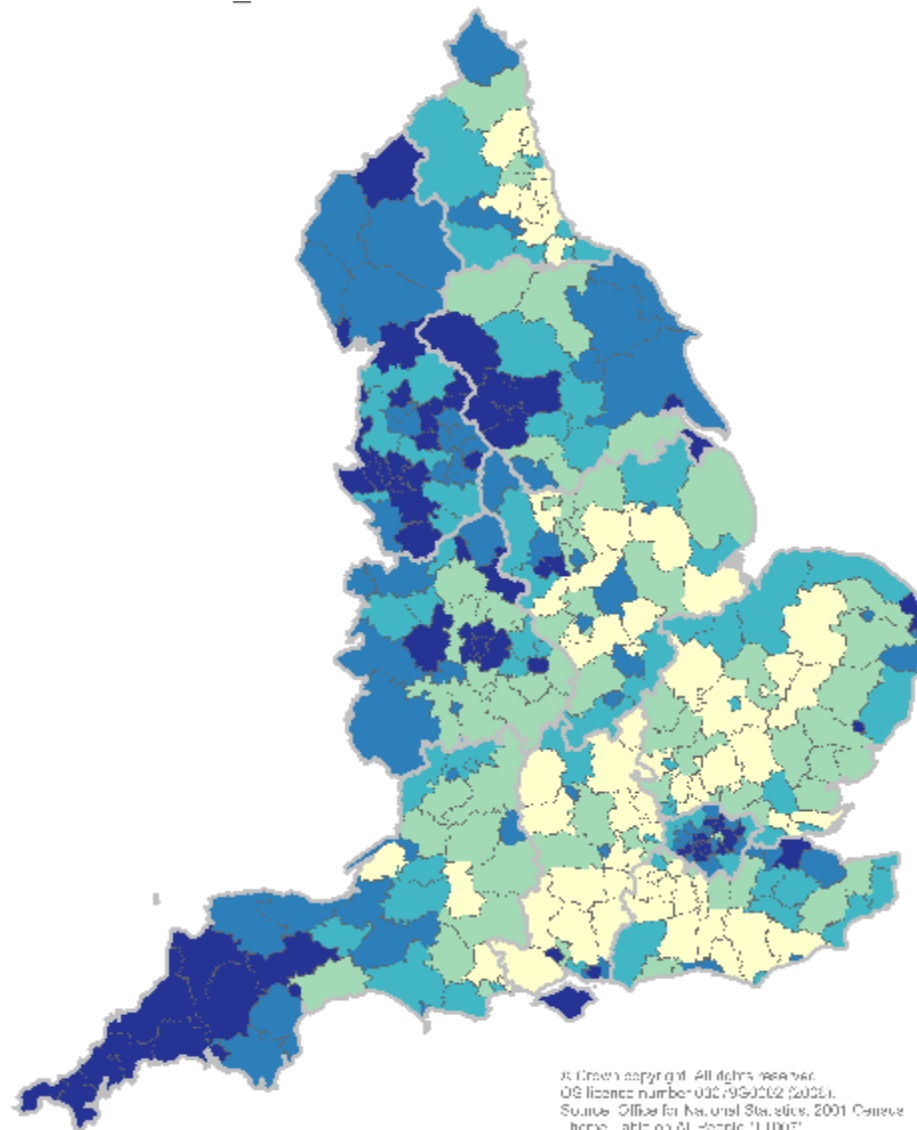
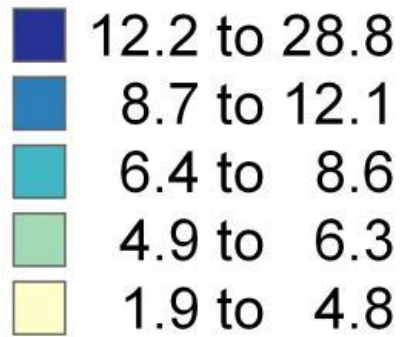
What Affects Health?



Damp and Cold

- Major cause of 25,700 excess winter deaths
- Warmth
 - Increase in circulatory diseases, blood pressure
 - Mental Health
 - Independent living, falls prevention
- Damp- asthma, respiratory conditions
- Children's educational attainment, school attendance

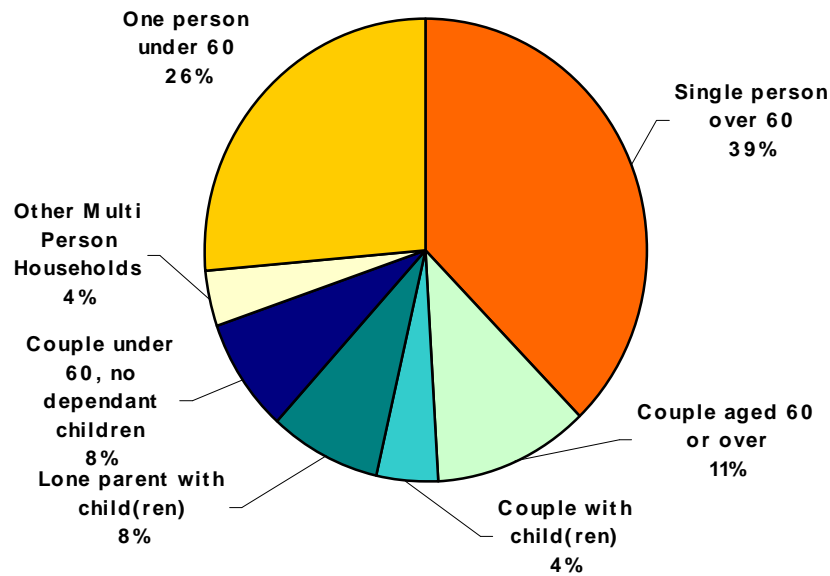
% People aged 65+ without central heating



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OS licence number 0100960062 (2005).
Source: Office for National Statistics, 2001 Census
home - able on 11 people (11007)

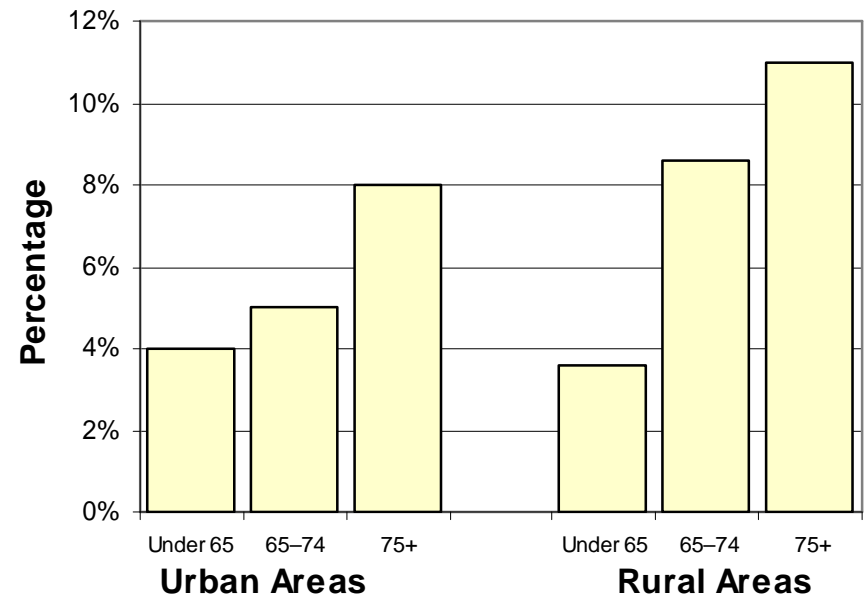
Fuel poverty Risk Factors

Fuel Poor Households by Type of Occupant



Source: DTI and Defra based on EHCS2004 (DCLG)

Fuel Poverty in Urban and Rural areas by age of oldest person in a household



Source: Office of National Statistics

At risk groups- fuel poverty

- Older people- 50% over 60 increase with age
- 66%- private rented accommodation or own home
- Low income, spending most time at home
- under occupancy,
- poor heating and insulation systems,
- Living in rural areas

- Those least likely to cope with impact (vulnerable elderly) are those most likely to be at risk

Fires and Accidents

- Risks:
 - Falls
 - burns and scalds in kitchen areas,
 - electric shock,
 - falling objects relating to structural instability,
 - injury from doors and windows, fire, explosions
- Children >1- accidents greatest cause of deaths- 50% due to housing features
- Older people- falls
 - 1:3 people over 60 fall at least once per year
 - 400,000 admissions, 14,000 deaths from hip fractures-
- Fire Deaths- people with mobility problems

Other areas

- Noise
 - increased stress, blood pressure, anxiety, inability to sleep
- Overcrowding-
 - infectious disease, asthma, bronchitis, heart disease, accidents, children's educational attainment
- temporary accommodation, Homelessness
 - Low self esteem, suicide, behavioural problems in children, impacts on family and relationship

Indoor Air quality & Pests

- Hazards
- Asbestos
- Formaldehyde
- Nitrogen dioxide
- Radon Gas
- Cockroaches, rats
mice

What can help?

- Safety enforcement
- Partnership approach across organisations- e.g. fire service, health, social care, voluntary organisations, single assessment, benefits advice
- Handyperson schemes- falls prevention

Partnership with Fire Service



Signposting, benefits advice



Information

AGE
Concern

Help with heating



A winter guide 2006/2007

Keep Warm Keep Well



Advice on:
Keeping warm and healthy
Home improvements grants
Heating your home
Help with bills

Handyman schemes



Impact of initiatives

- Warm front:
 - Children with asthma- 80% reduction in days away from school
 - 50% reduction in depression and anxiety
- Falls prevention- 30% reduction in hospital admissions associated with falls.
- Improved independence

Measuring Impact

- Individual household-
 - reduction in risk factor, likely impact on health
- Individual person-
 - feelings of wellbeing, security, comfort can be measured
 - Impact on individuals health, asthma, hospital visits, children's absence from school
- Impact on population health
 - If whole community approach taken.