

# Housing and Health

## **Warm Homes Healthy Homes: Overlapping the Spheres to tackle cold related illness and deaths**

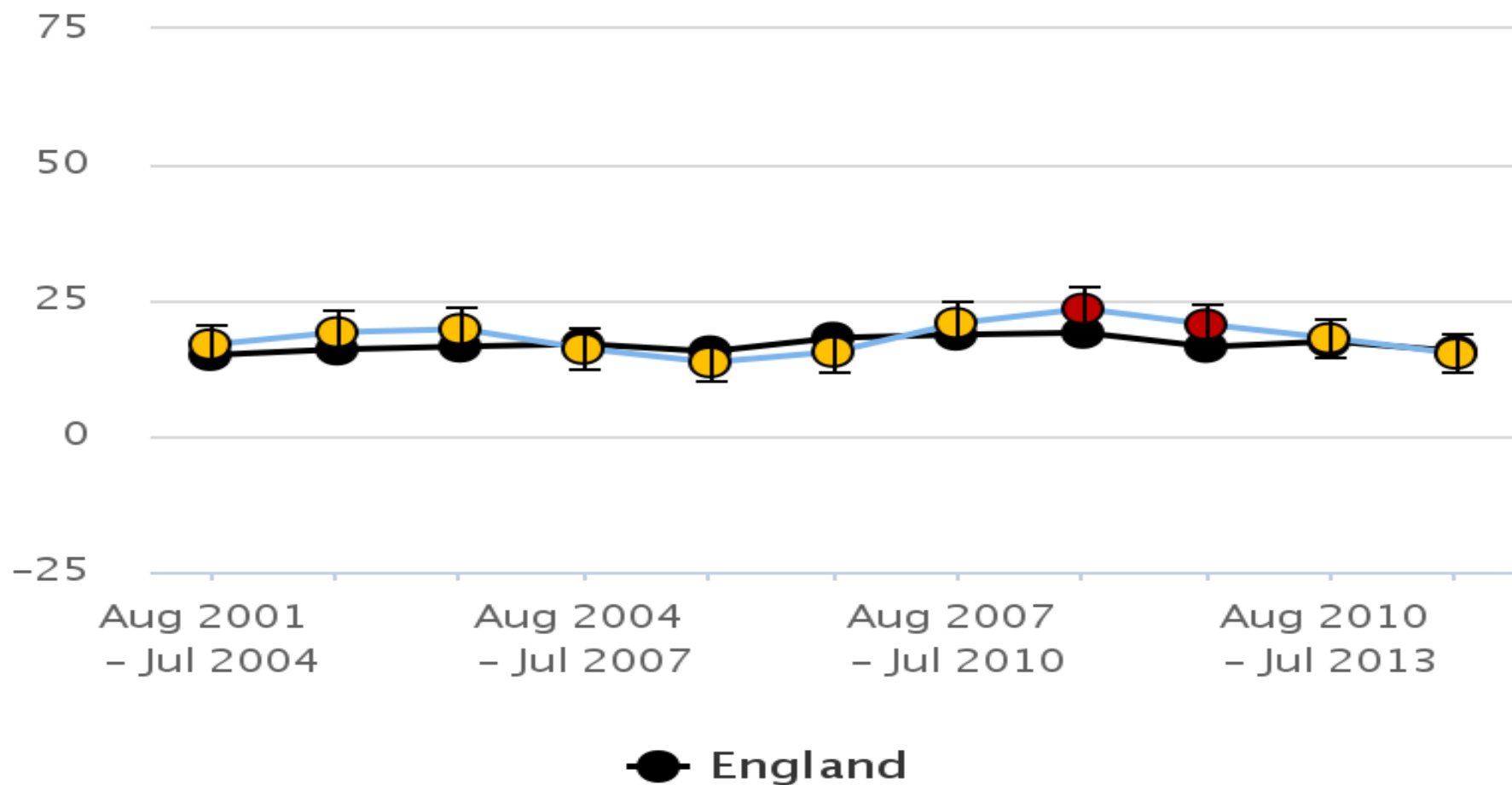
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# The impact of poor housing on health outcomes

- The UK has one of the highest excess winter death rates in Europe
- The quality of housing has a similar impact on health as smoking or alcohol
- National Energy Action (NEA) estimates that 1 in 5 households in the UK are classed as 'fuel poor'.

### 4.15iii - Excess winter deaths index (3 years, all ages) (Persons) - Leicestershire



# Mean number of daily deaths each month and mean monthly temperatures, England and Wales, August 2013 to July 2014

Mean daily  
deaths

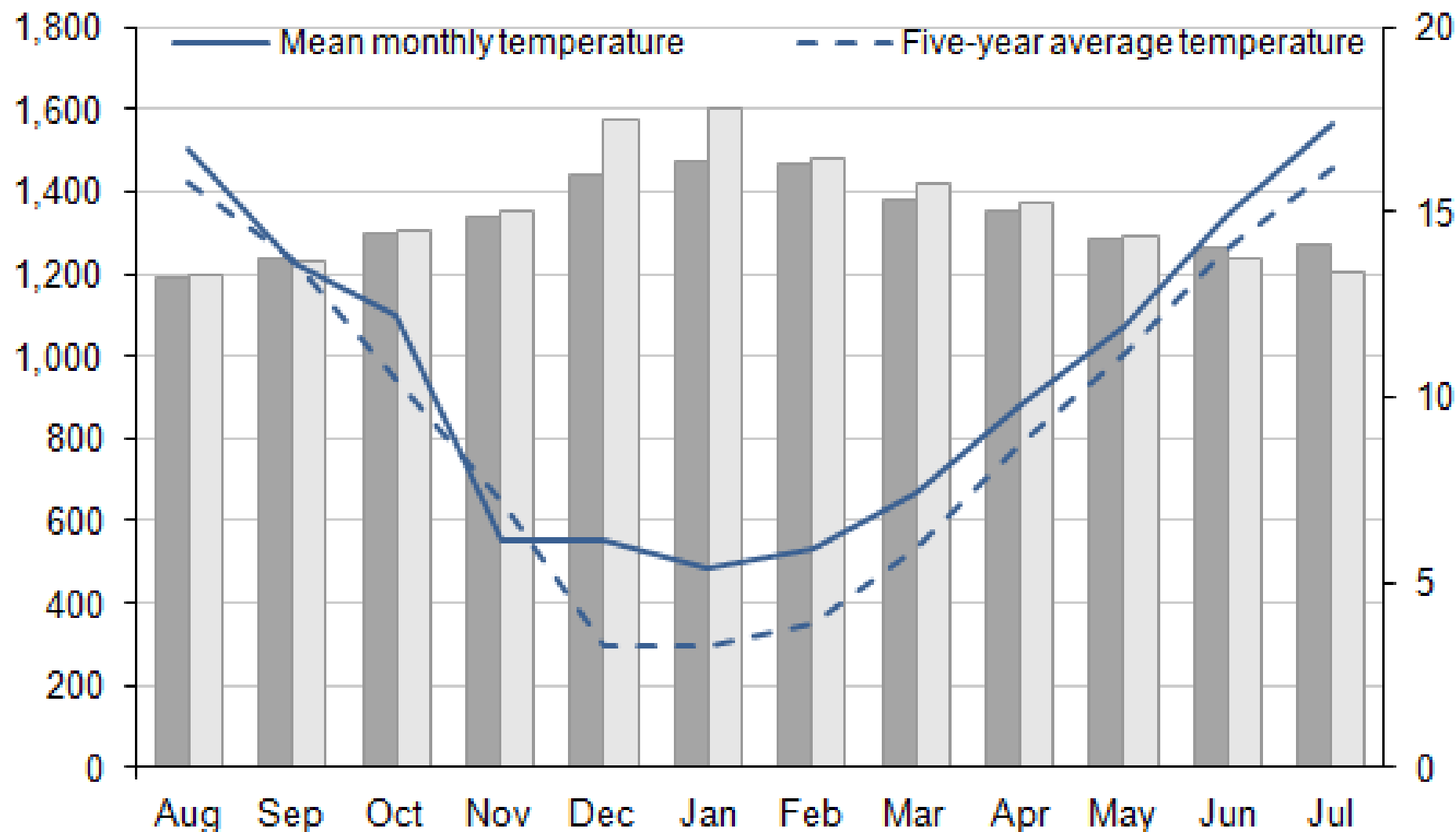
Deaths in 2013/14

Five-year average deaths

Mean monthly temperature

Five-year average temperature

°C



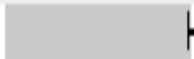










# Related Public Health Outcomes – Leicestershire’s Performance

Number	Indicator	Year(s) of data	Current RAG and comments
4.15iii	<b>Excess Winter Deaths</b>  Excess deaths in the winter months compare to non-winter months	2009-12	Red  Significantly worse than the England average
4.04i	<b>Under 75 Mortality rate:</b> Cardiovascular	2010-12	Green  Significantly better than the England Average (top quartile)
1.17	<b>Fuel Poverty:</b>  The percentage of households that experience fuel poverty based on the ‘Low income, High cost’ methodology	2012	Red  Significantly worse than the England Average as is the whole of the East Midlands
2.24i	Age – sex standardised rate of emergency hospital admissions for injuries due to falls in persons aged 65+	2012-13	Green  Significantly better than the England Average
4.11	Indirectly standardised % of emergency admissions to any hospital within 30 days of the previous discharge from hospital	2011-12	Amber  Similar to England Average
4.01	<b>Infant Mortality Rate</b>	2010-12	Amber  Similar to England Average

### 4.15iii - Excess winter deaths index (3 years, all ages) (Persons)

Aug 2011 - Jul 2014

Ratio

Area	Count	Value		95% Lower CI	95% Upper CI
England	69,038	15.6		15.2	16.0
East Midlands region	6,358	16.1		14.8	17.5
Derby	412	20.4		14.5	26.6
Derbyshire	1,258	17.5		14.3	20.6
Leicester	380	16.7		11.2	22.4
Leicestershire	825	15.2		11.7	18.8
Lincolnshire	1,037	14.3		11.2	17.4
Northamptonshire	897	16.3		12.7	19.9
Nottingham	465	21.8		16.0	27.8
Nottinghamshire	1,074	14.8		11.8	18.0
Rutland	13	3.9		-8.7	18.2

Source: Office for National Statistics: Public Health England Annual Births and Mortality Extracts

**1.17 - Fuel poverty** 2013

Proportion - %

Area	Count	Value		95% Lower CI	95% Upper CI
England	2,347,000	10.4		10.4	10.4
East Midlands region	201,405	10.4		10.4	10.5
Derby	13,397	12.8		12.6	13.1
Derbyshire	34,013	10.0		9.9	10.1
Leicester	20,810	16.6		16.4	16.8
Leicestershire	24,266	8.9		8.8	9.0
Lincolnshire	29,958	9.6		9.5	9.7
Northamptonshire	27,367	9.3		9.2	9.4
Nottingham	18,050	14.0		13.8	14.2
Nottinghamshire	32,120	9.4		9.3	9.5
Rutland	1,424	9.3		8.9	9.8

Source: Department of Energy and Climate Change (DECC)

## A wide range of people are vulnerable to the cold. This includes:

- people with cardiovascular conditions
- people with respiratory conditions (in particular, chronic obstructive pulmonary disease and childhood asthma)
- people with mental health conditions
- people with disabilities
- older people (65 and older)
- households with young children (from new-born to school age)
- pregnant women
- people on a low income.



# 1 degree reduction in temp =

- All natural deaths: 1.35% (95% CI: 1.16, 1.53)
- Cardiovascular death: 1.72% (95% CI: 1.44, 2.01)
- Respiratory death: 3.30% (95% CI: 2.61, 3.99)
- Cerebrovascular death: 1.25% (95% CI: 0.77, 1.73)

# What was in place?

- Varying practice across Districts
- Warm Homes Officers
- 4 Ways to Warmth campaign

1. Develop a strategy
2. **Ensure there is a single-point-of-contact health and housing referral service for people living in cold homes**
3. Provide tailored solutions via the **single- point-of-contact health and housing referral service** for people living in cold homes
4. **Identify people at risk of ill health from living in a cold home**
5. Make every contact count by assessing the heating needs of people who use **primary health and home care services**
6. Non-health and social care workers who **visit people at home** should assess their heating needs
7. Discharge vulnerable people from health or social care settings to a warm home
8. **Train health and social care practitioners to help people whose homes may be too cold**
9. **Train housing professionals and faith and voluntary sector workers to help people whose homes may be too cold for their health and wellbeing**
10. Train heating engineers, meter installers and those providing building insulation to help vulnerable people at home
11. **Raise awareness among practitioners and the public about how to keep warm at home**
12. Ensure buildings meet ventilation and other building and trading standards

## Warm homes, healthy homes

Helping you to reduce your energy bills  
and stay warm and healthy in your home

Call us now on  
0300 333 6544



Action for Warm Homes



Papworth  
Trust

- Health Needs Assessment
  - Energy advice
  - Home visits / assessments
  - Training
  - E-learning resource
  - Awareness raising
  - Comms
- 
- **Evaluation – PI Systems**
  - Sustainability

# Spheres of commissioning, provision and referral

## Commission

- 1 x County Council
- 7 x District Council
- 2 x CCGs
- Housing Providers

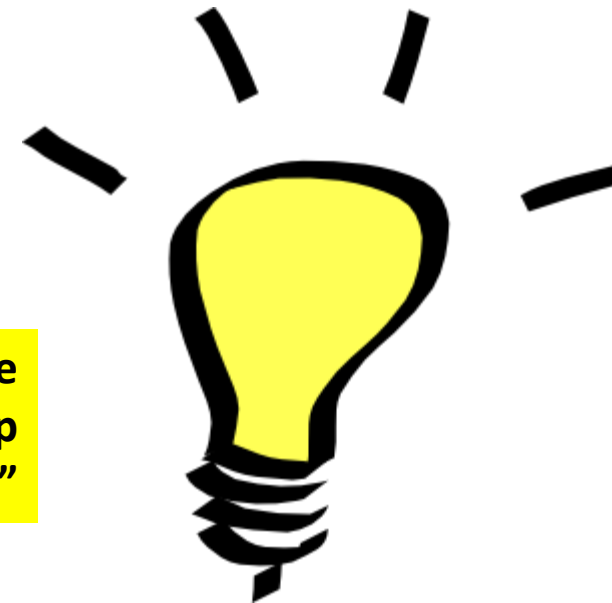
## Provision

- DFGs
- Handy Person Schemes
- HIAs
- VCS Orgs
- Energy Suppliers

## Referral

- First Contact
- Customer Service centre
- GPs
- Health and Social Care Front-line staff
- VCS
- Hospital discharge

# The Light Bulb Project



**“If a light bulb went, my mum’s world would be in darkness. She would be unable to change it. She needed the most basic of help to provide her with the most basic of needs: light.”**

*Reducing the number of services it takes to change a light bulb  
(and other services you were afraid to ask for)*

- First Contact Plus
- Lightbulb
- Warm Homes  
Healthy Homes

# Top Tips

For getting engaging (and even getting £££s from Health)!





- Demonstrate understanding of Evidence for what works to reduce EWDs and illness. NICE Guidance is your biggest buy in.

## Excess winter deaths and morbidity and the health risks associated with cold homes

NICE guideline

Published: 5 March 2015

[nice.org.uk/guidance/ng6](https://www.nice.org.uk/guidance/ng6)



# Leicestershire

## Introduction

The Public Health Outcomes Framework [Healthy lives, healthy people: Improving outcomes and supporting transparency](#) sets out a vision for public health, desired outcomes and the indicators that will help us understand how well public health is being improved and protected. The framework concentrates on two high-level outcomes to be achieved across the public health system, and groups further indicators into four 'domains' that cover the full spectrum of public health. The outcomes reflect a focus not only on how long people live, but on how well they live at all stages of life.

This profile currently presents data for the first set of indicators at England and upper tier local authority levels, collated by Public Health England.

The profile allows you to:

- Compare your local authority against other authorities in the region
- Benchmark your local authority against the England value

Public Health Outcomes Framework baseline data will be revised and corrected in accordance with the [general DH statistical policy on revisions and corrections](#).

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- Demonstrate understanding of PH Intelligence for your locality: PHOF; JSNA; Fuel Poverty; EWDs; COPD; CVD; Emergency Admissions

# The 2014 Annual Report of the Director of Public Health

The wider determinants of health



- Demonstrate understanding of PH Priorities and strategic context (DPH Annual report; JSNA; Health and Well-being Strategy; STPs; Public Health Commissioning Strategy and Priorities.

- Build relationships
- Demonstrate understanding of evaluation
- Health economics
- Quality
- Performance systems
- Use PH teams and Registrars

# The future....

- ***Warm homes, healthy homes*** – first year of delivery completed
- First Contact and a new health advice service as part of PH
- Successful bid for £325,00 capital from NEA plus matched funding via BCF
- Exploring ACG for prioritising from GP lists
- Robust evaluation – Using PI system

