

THE MOST SUSTAINABLE HEALTHCARE IS THE HEALTHCARE WE DO NOT NEED!

For 13 years a partnership has been in place in Nottinghamshire between local NHS trusts, local authorities and a local environmental charity to combat excess winter deaths and fuel poverty.

EFFICIENT PROVIDERS

EFFICIENT CARE PATHWAYS

HELP PEOPLE GET BETTER FASTER

REDUCE ILL HEALTH

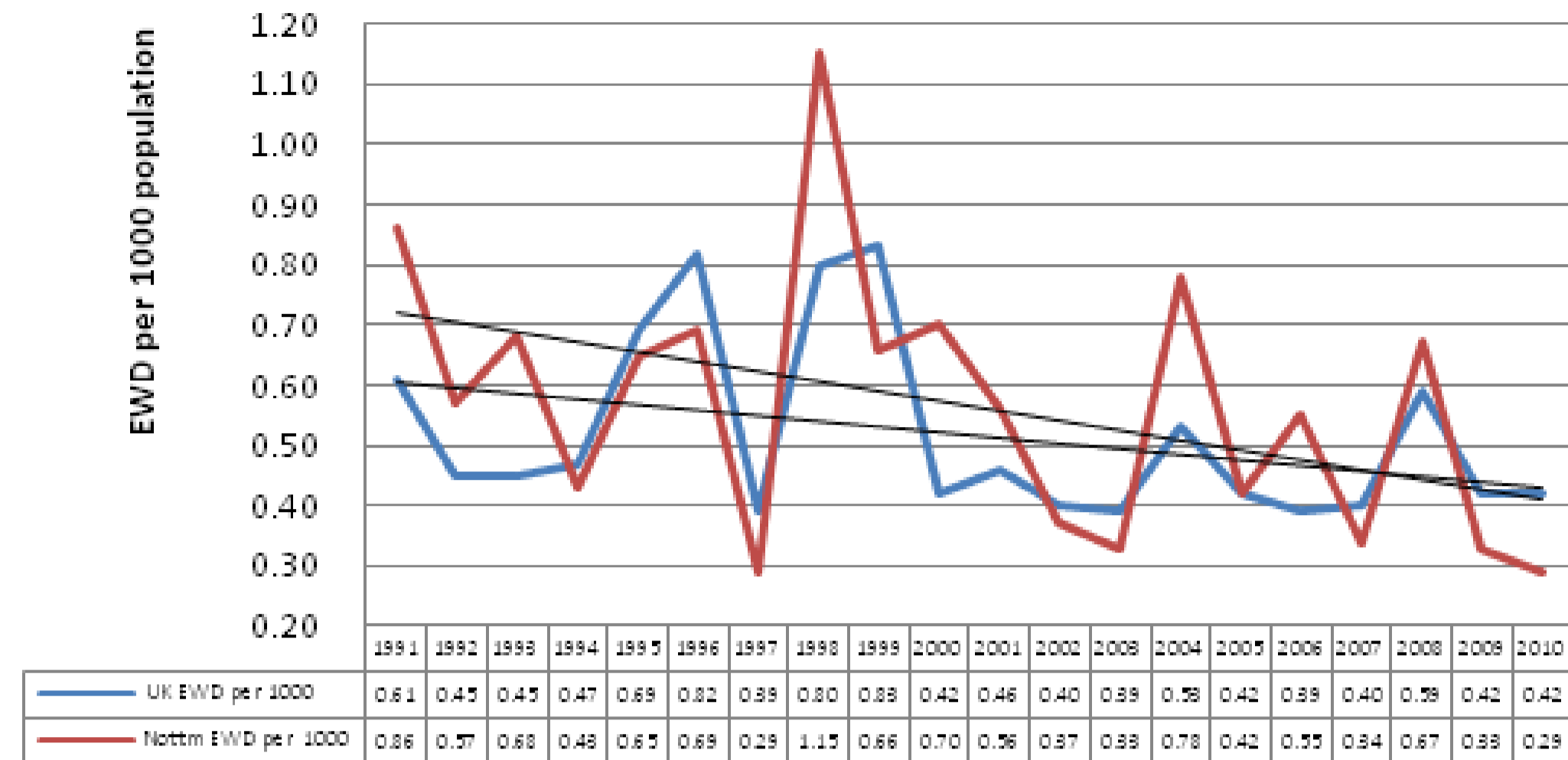
The innovative collaboration between Public Health and a local charity owned social enterprise has ensured that while funding, rhetoric and political focus have changed, there has been a consistent approach to delivering effective local services for affordable warmth.

HOUSING SERVICE RESULTS:

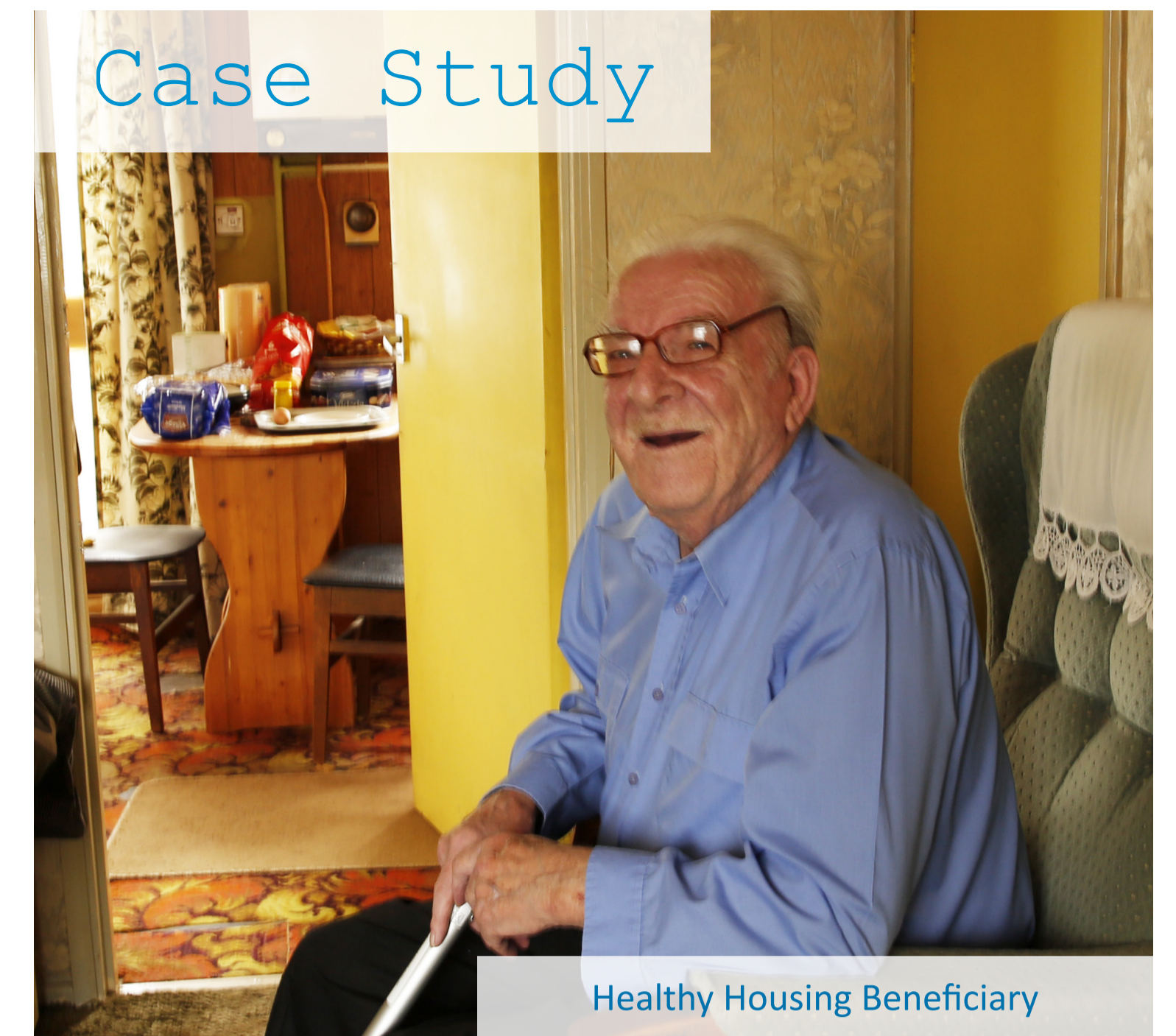
- OVER 38,000 HOMES SUPPORTED AND SURVEYED
- MORE THAN 29,000 OF WHICH HAVE HAD PHYSICAL PROPERTY IMPROVEMENTS

Reduced hospital admissions and associated prescribing as a result of a public health programme of this scale, particularly within the older population, should have a significant positive impact in reducing direct and indirect environmental impacts from NHS services.

EXCESS WINTER DEATH PER 1000 POPULATION SINCE 1991



Case Study



Healthy Housing Beneficiary

'The insulation has made a tremendous difference to my health, I don't feel so lousy and seem to have more get up and go!'

BACKGROUND

Mr Sayers has always thought his energy bills were too high, so when his energy company increased its prices further, he wondered what he could do to get his bills down.

He came across the First Contact Service, they referred his details over to us, the Greater Nottingham Healthy Housing Service (GNHHS), and we organised for a free home energy survey to be carried out.

MEASURES

One of GNHHS' local contractors conducted a survey two weeks later where they identified Mr Sayer's loft contained just 50 mm of insulation. They installed an extra 220 mm bringing the insulation up to the recommended depth of 270 mm.

HEALTH AND FINANCIAL BENEFITS

Mr Sayers has noticed a huge difference in warmth since having the insulation done. He told us 'I've been able to shorten the amount of time the heating is on in the morning which is great so I'm saving money there. Mr Sayers suffers from a mix of health problems including asthma, heart disease and arthritis. 'The insulation has made a tremendous difference to my health, I don't feel so lousy and seem to have got more get up and go!'

MONEY SAVED

Mr Sayers did not have to pay a penny for the insulation as he is over the age of 70. Now his loft is fully insulated he can look forward to yearly savings of up to £140 on his heating bill.

SOCIOECONOMIC BENEFITS

- £20m of public and private money levered to pay for insulation and other energy saving measures for vulnerable households.
- Employment of mostly local labour thanks to £1m-£3m spent on surveys, insulation and boilers by this project every year.
- Cumulative effect now keeps a total of £3-5m each year in the local economy, the majority of which is then spent locally

ENVIRONMENTAL BENEFITS

- During 2004/5-2010/11 Nottingham had the 4th fastest falling domestic gas use in UK.
- The project has saved 600,000 lifetime tonnes of CO₂e
- Annual savings offset the total carbon footprint of Nottingham and Nottinghamshire commissioning trusts in 2011/12.

HEALTH BENEFITS

- The reduction in home energy costs helps struggling households pay their bills, reducing mental stress and ensuring money is available for food and housing rather than fuel bills.
- It has improved the level of decency in private sector housing and private rented accommodation in Nottinghamshire.
- Trained over 2,000 front line health staff in fuel poverty awareness, promoting other public health services, including fire safety, slips, trips and falls prevention and water saving measures.
- Since 1991 excess winter deaths per 1000 have fallen faster than the national average.

High quality and longitudinal data on domestic investment is available in Nottingham from NEP. This would make an excellent resource for some empirical and epidemiological research.

