

THE IRISH TIMES

Mon, Jun 10, 2019

NEWS SPORT BUSINESS OPINION LIFE & STYLE CULTURE

Health | Brexit | Ireland | World | Politics | Crime & Courts

Life expectancy levelling off for Irish women

Extreme flu, obesity and diabetes among reasons

Fri, Mar 1, 2019, 01:00

Home > News > Northern Ireland

Long-term rise in life expectancy comes to a halt

In some parts of the country life expectancy has



Life expectancy falls by six months in biggest drop in UK forecasts

Decline in longevity in England and Wales 'a trend as opposed to a blip', experts say



Hi 16°C | Lo 8°C Belfast | WEATHER



HOME NEWS SPORT BUSINESS ENTERTAINMENT LIFE CARS

Northern Ireland | UK | Republic of Ireland | World | Politics | Brexit | Health

Home > News > UK

Sharp drop in life expectancy in parts of UK

The sharpest fall in life expectancy for men at birth in Gloucester, Hartlepool, Norwich and Dundee.



Stalling life expectancy is a warning light for public health in Scotland

Increase in life expectancy that has shown steady growth since World War, has now stalled and that health has improved over seven years, Scotland has seen the slowest increase since the late 1970s and death rates have now begun to rise.

Child life expectancy projections cut by years

By James Gallagher
Health and science correspondent

2 December 2019

Facebook Twitter Email Share



Years have been knocked off official projections of children's life expectancies in the UK, an Office for National Statistics (ONS) report shows.

A baby girl born in 2019 is now expected to celebrate three fewer birthdays on average, than under previous calculations.

Official 2014 data thought that girl would make it to 93.6. Now the figure is 90.4.

The report also slashed the likelihood of children reaching 100.

Education News & Views

Life expectancy in England and Wales has fallen by six months

https://www.bmj.com/lookup/doi/10.1136/bmj.11123 (Published 11 March 2019)

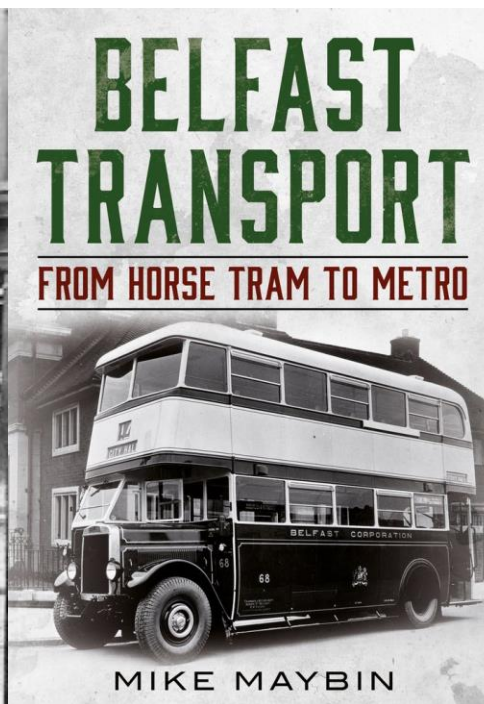
Health crisis in the UK requires society wide, political intervention

Motorcycle Benone S Northern I

Northern I plates could makeover

Stalling life expectancy in the UK

How much have things changed ?



TWENTY-FOURTH
DETAILED
ANNUAL REPORT
OF THE
REGISTRAR-GENERAL (IRELAND);
CONTAINING
A GENERAL ABSTRACT OF THE NUMBERS
OF
MARRIAGES, BIRTHS, AND DEATHS
REGISTERED IN IRELAND
DURING THE YEAR
1887,

TRANSMITTED PURSUANT TO THE PROVISIONS OF THE 7 & 8 VIC, CAP. 51, 8. 36
26 VIC, CAP. 11; AND 26 & 27 VIC, CAP. 90.

Presented to both Houses of Parliament by Command of Her Majesty.



GOVERNMENT OF NORTHERN IRELAND

THE REGISTRAR-GENERAL'S
ANNUAL REPORT FOR 1952

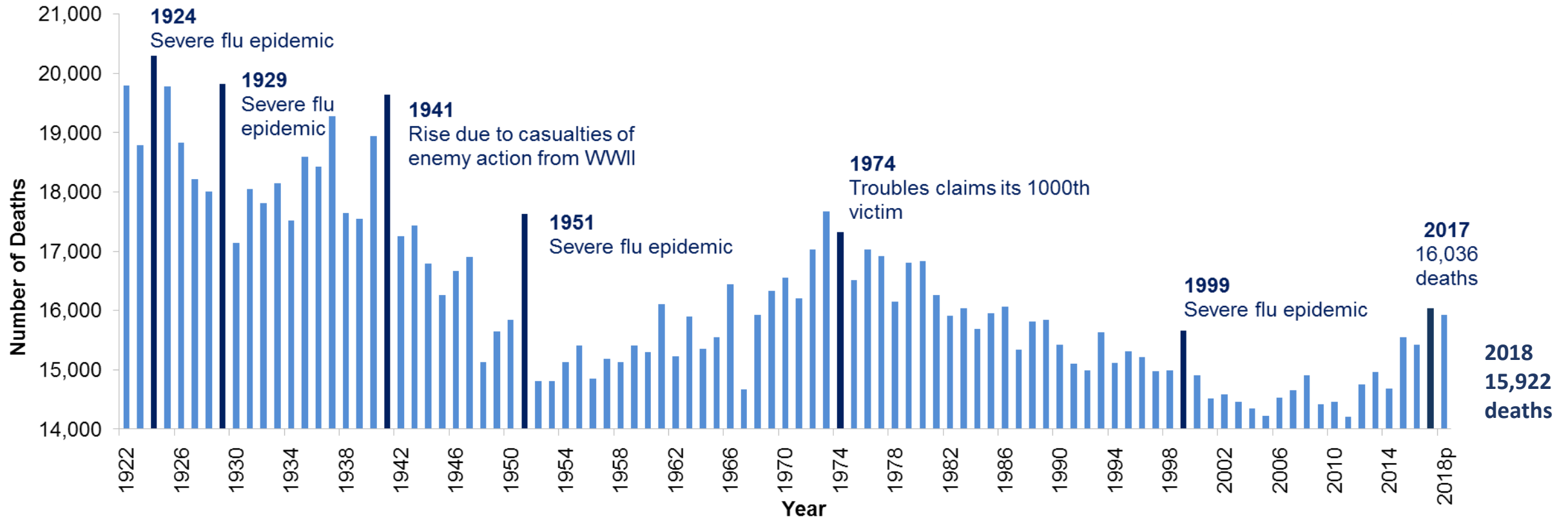
containing general Abstracts of Births, Deaths and
Marriages registered in Northern Ireland during the Year
TOGETHER WITH
Returns of Notifications of Infectious Diseases and
Meteorological Summary

Presented to Parliament pursuant to Statute

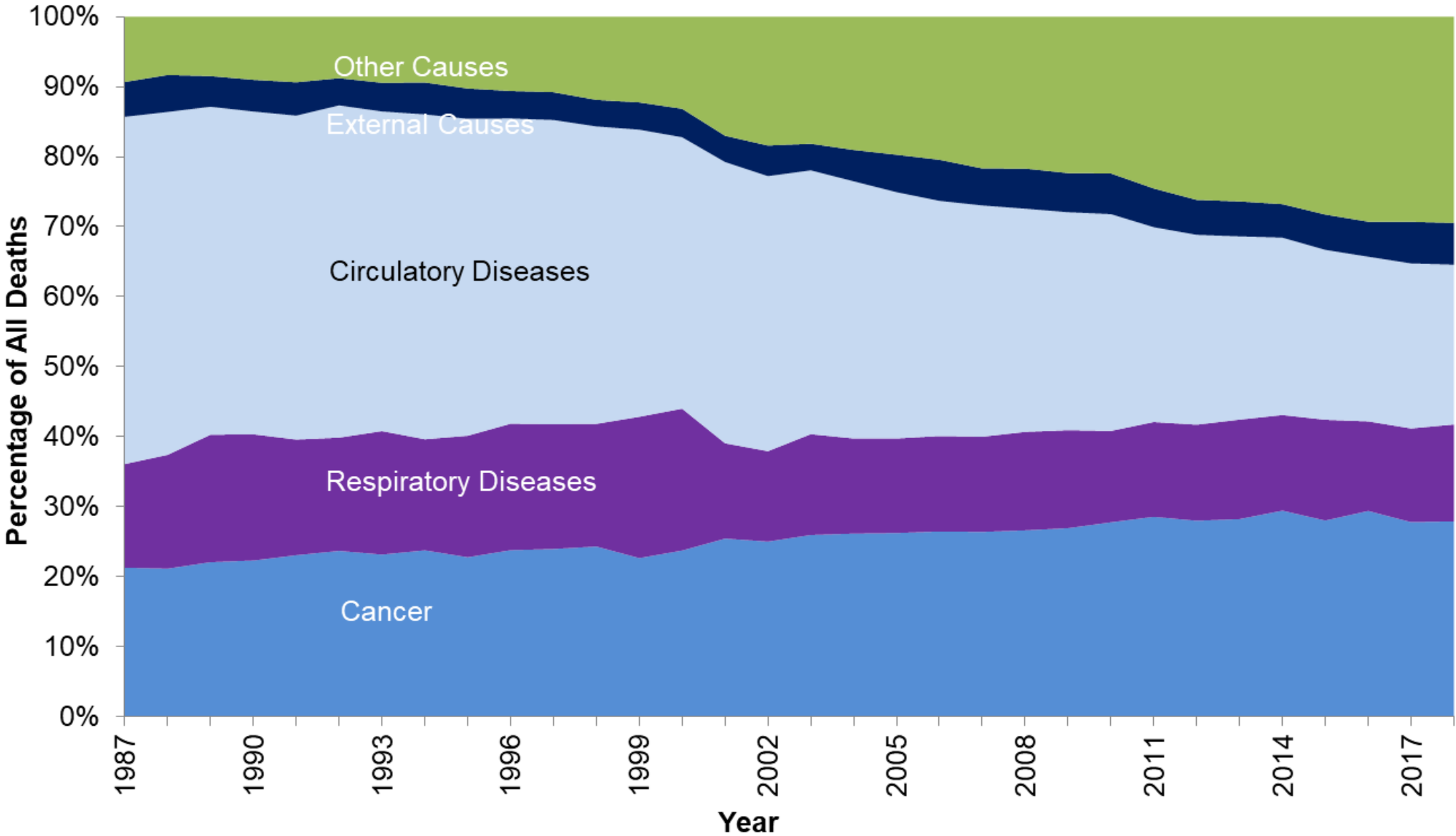
BELFAST
HER MAJESTY'S STATIONERY OFFICE
PRICE 3s. 6d. NET
H.C. 1091



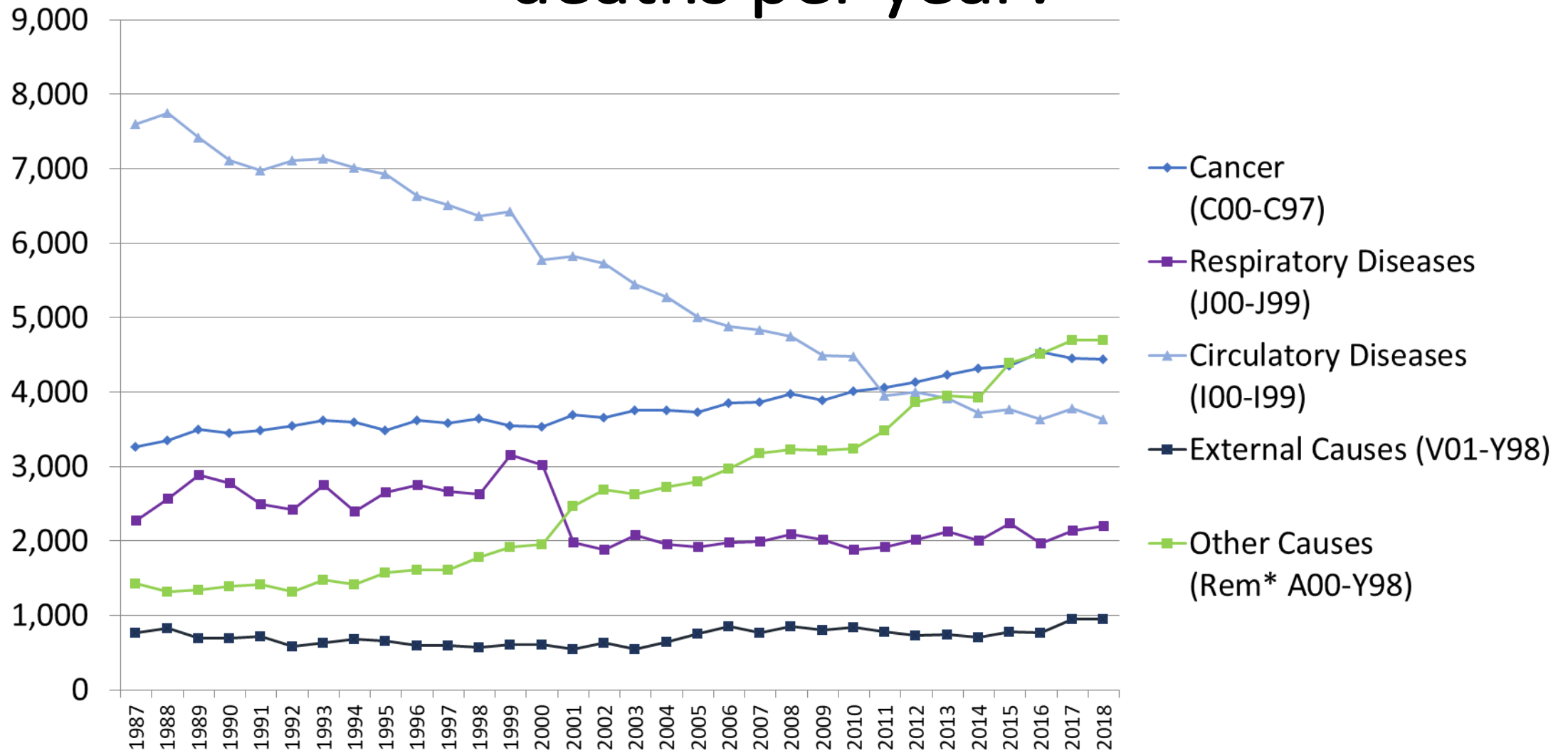
Number of deaths registered (1922 to 2018p) – non-zero y-axis



Percentage of deaths by cause of death (1987 to 2018)

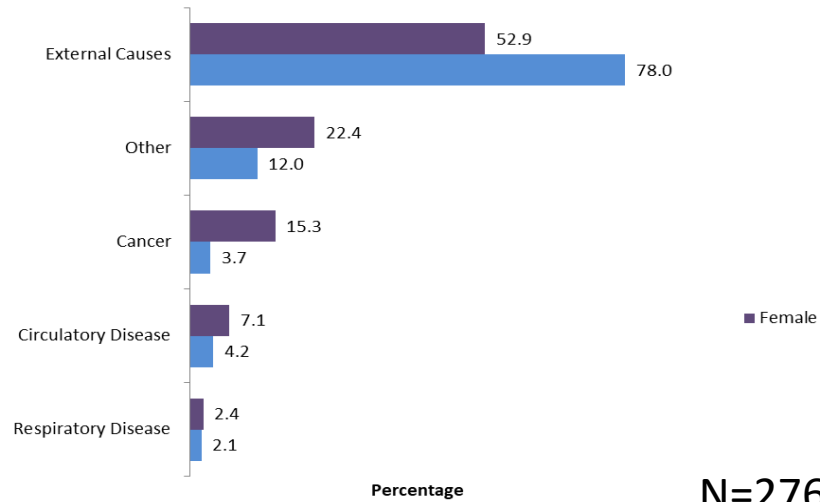


What does that look like in actual numbers of deaths per year?

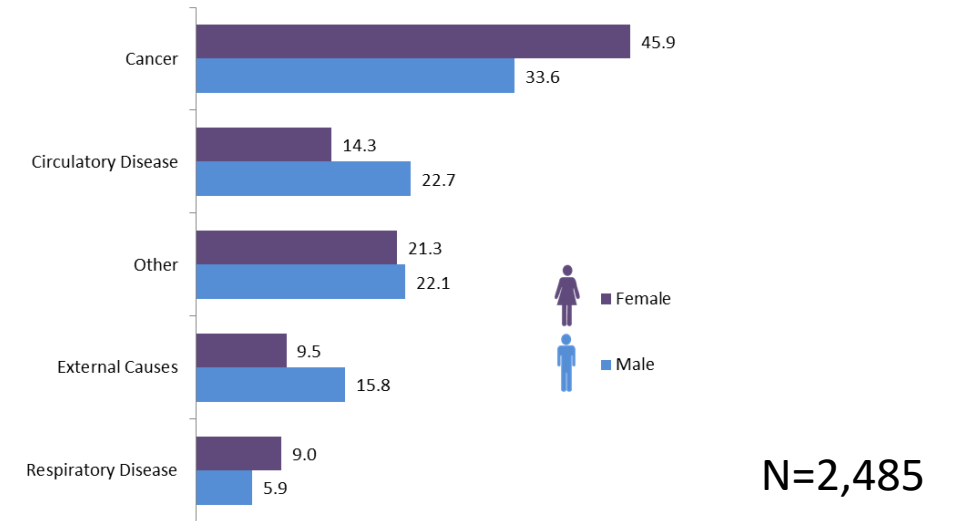


What are the major causes of death at different ages ?

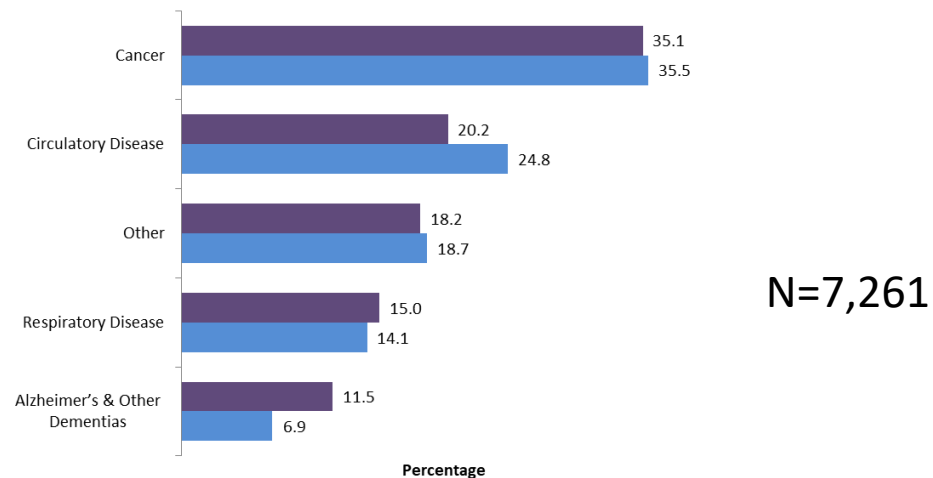
Deaths of people aged 15 to 34 years old by sex and cause of death (2018)



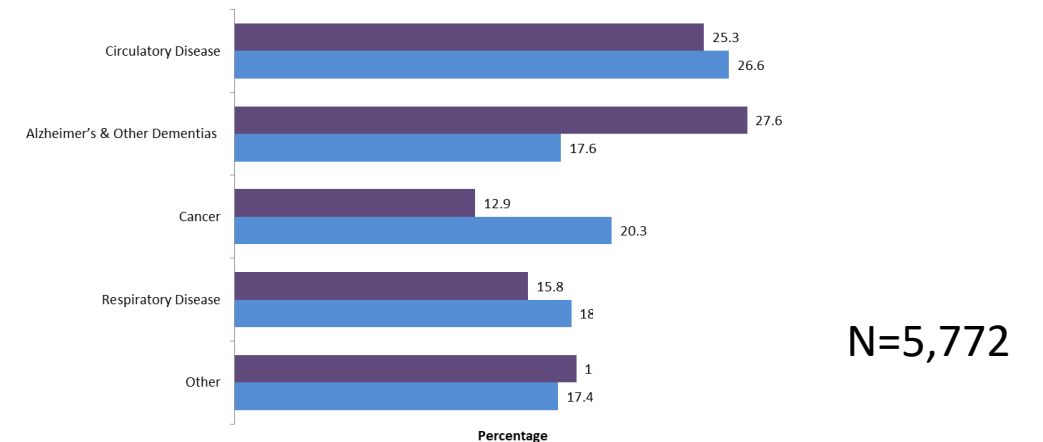
Deaths of people aged 35 to 64 years old by sex and cause of death (2018)



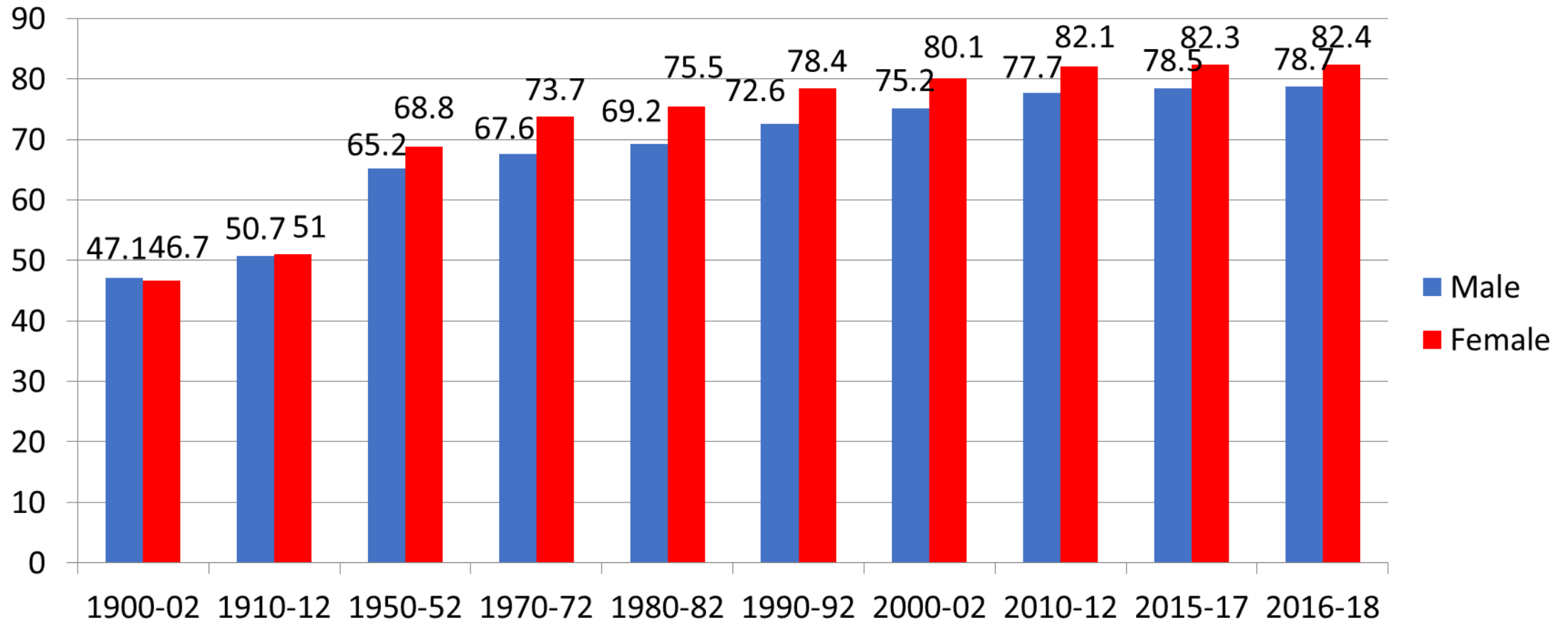
Deaths of people aged 65 to 84 years old by sex and cause of death (2018)



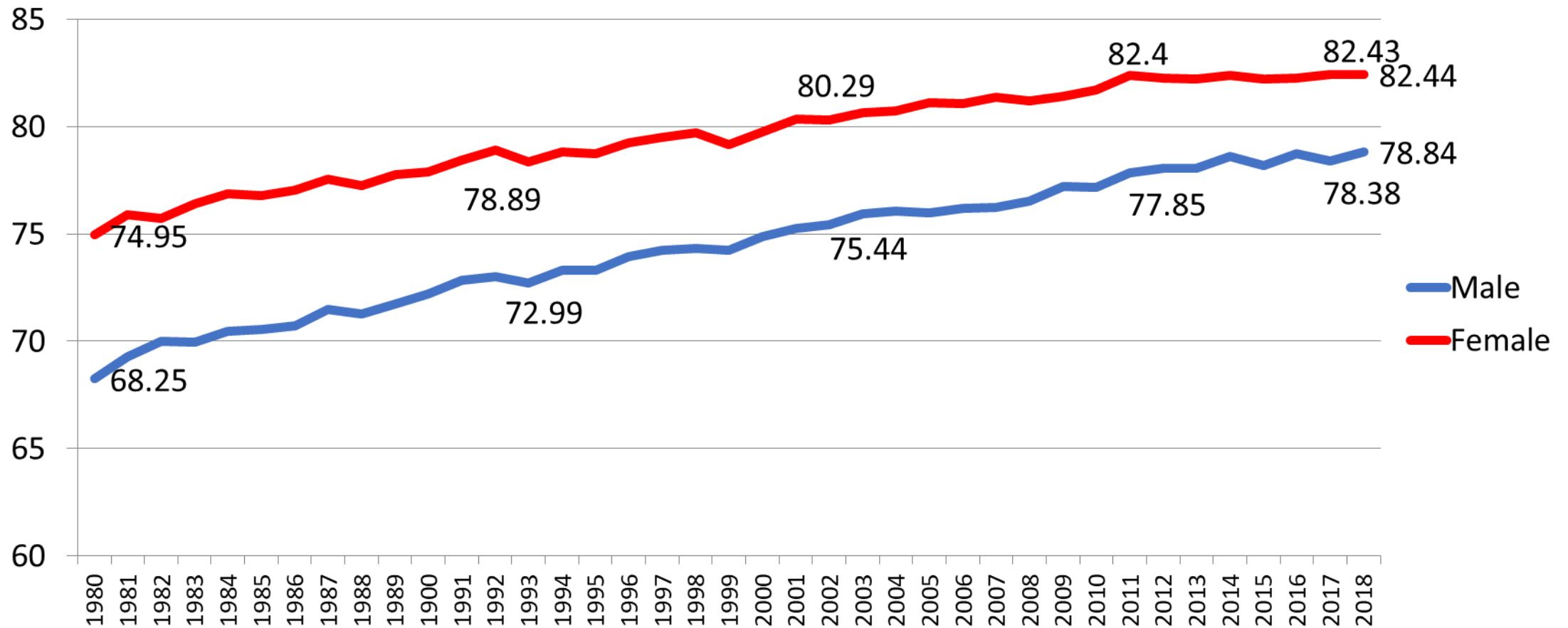
Deaths of people aged 85 or over by sex and cause of death (2018)



Life Expectancy at birth in Northern Ireland by gender 1900-02 to 2016-18 (expressed in years and based on three year time periods)

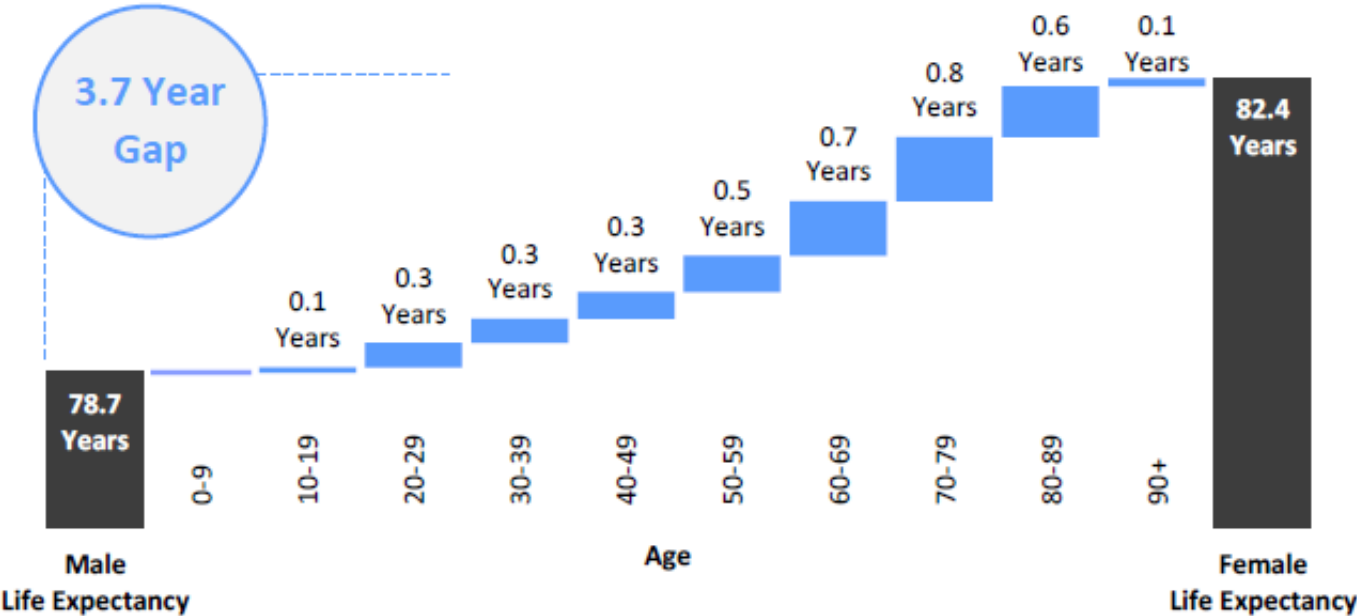


Northern Ireland Life Expectancy in years at birth 1981-2018 by Gender in single years (non zero axis)

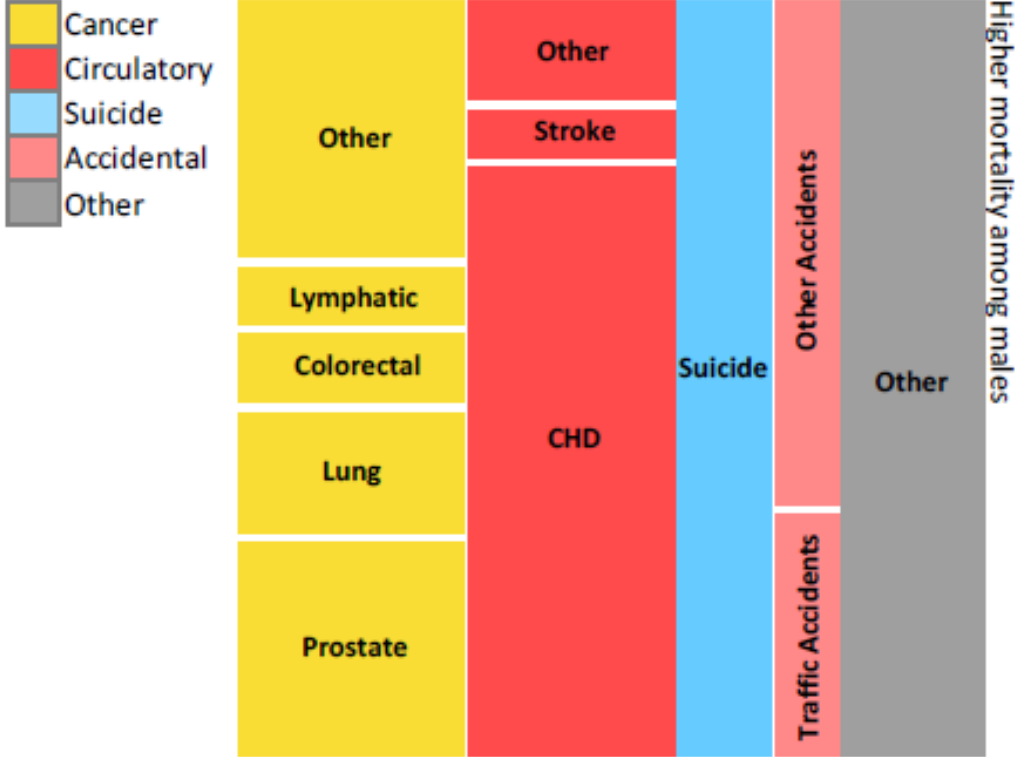


Why do women live longer than men ? (2015-17 data)

Decomposition of Life Expectancy Gender Gap by Age



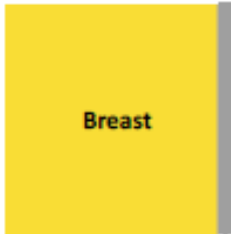
by Cause of Death



4.2 year gap from higher male mortality

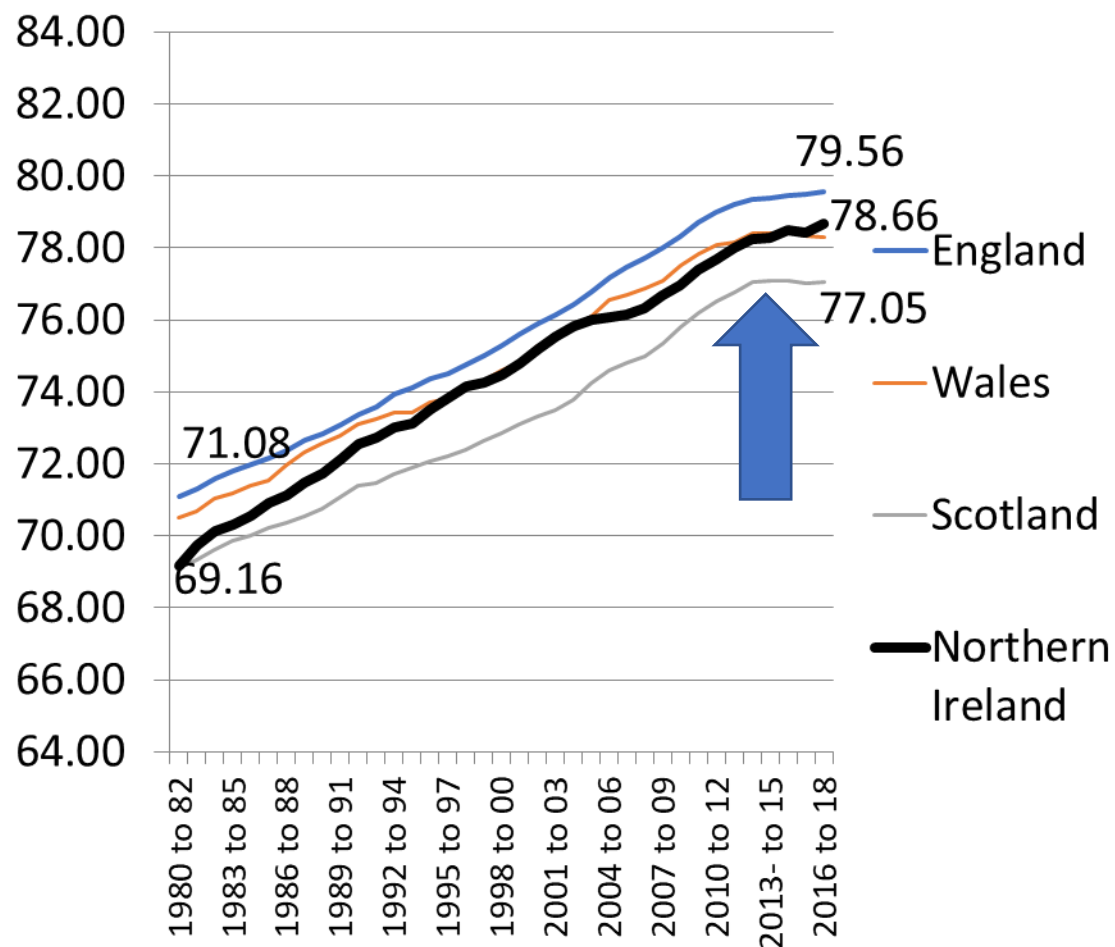


0.5 year gap from higher female mortality

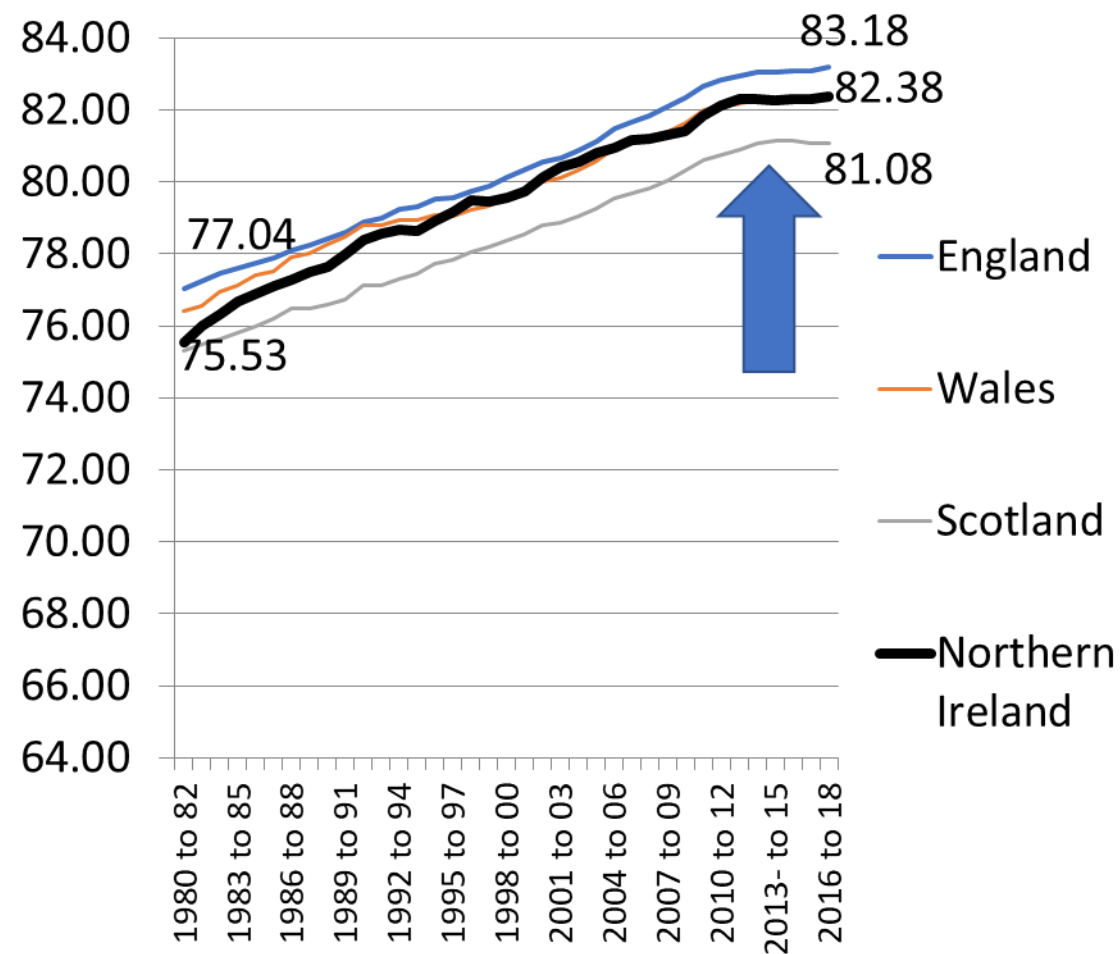


Higher mortality among females

How do we compare within UK and is the same pattern visible ?

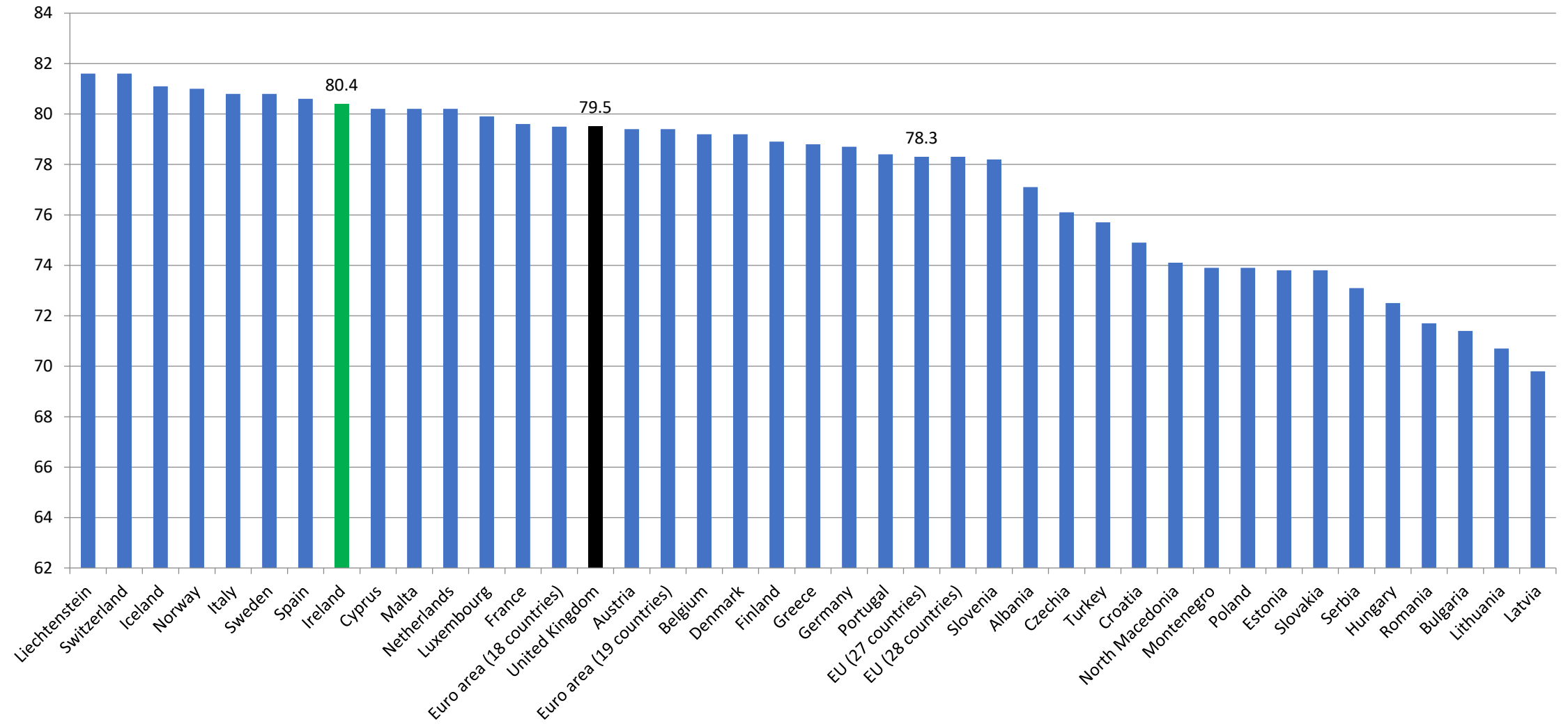


Male Life Expectancy at birth 1980-2 to 2016-18



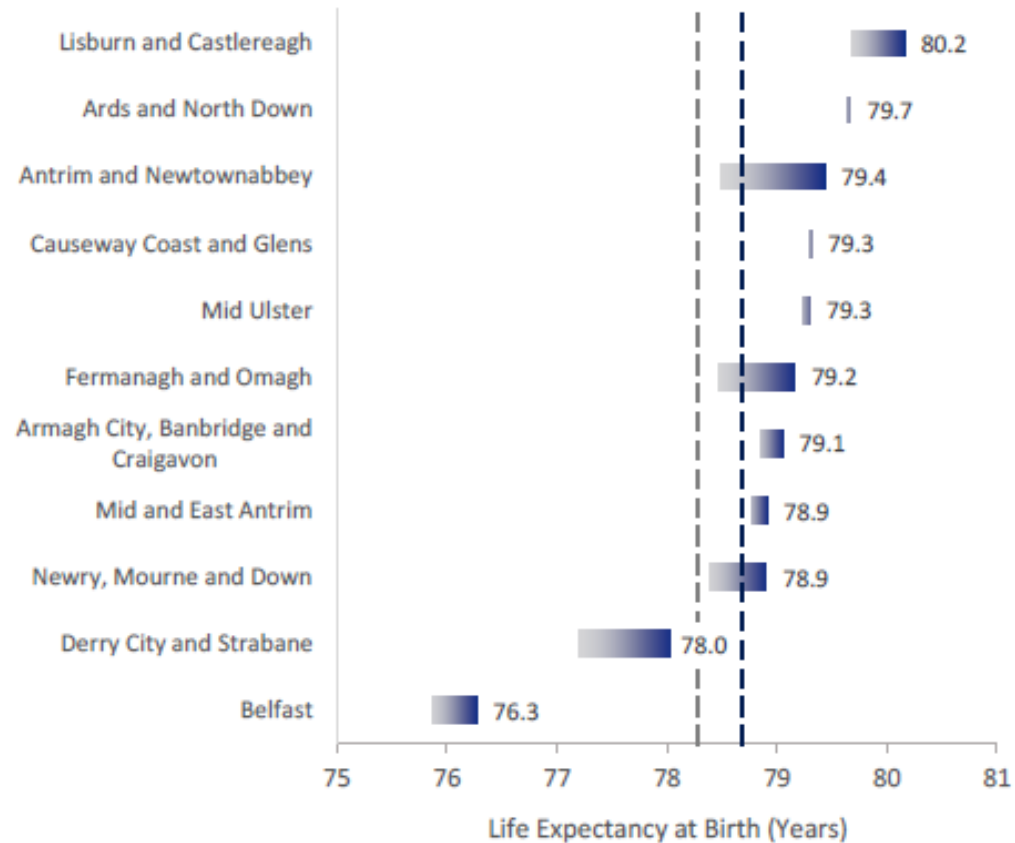
Female Life Expectancy at birth 1980-2 to 2016-18

Male Life expectancy across Europe – 2017 or latest

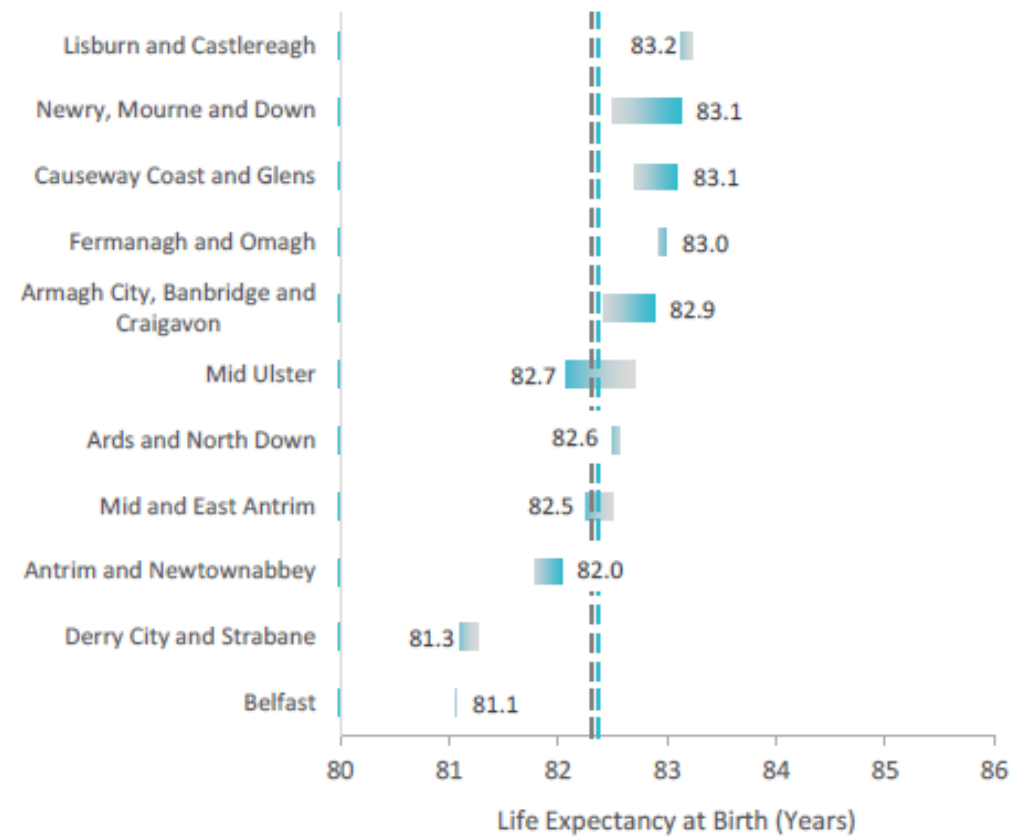


Within Northern Ireland change since 2012-14

Male Life Expectancy at Birth
by Local Government District (2012-14 to 2016-18)



Female Life Expectancy at Birth
by Local Government District (2012-14 to 2016-18)



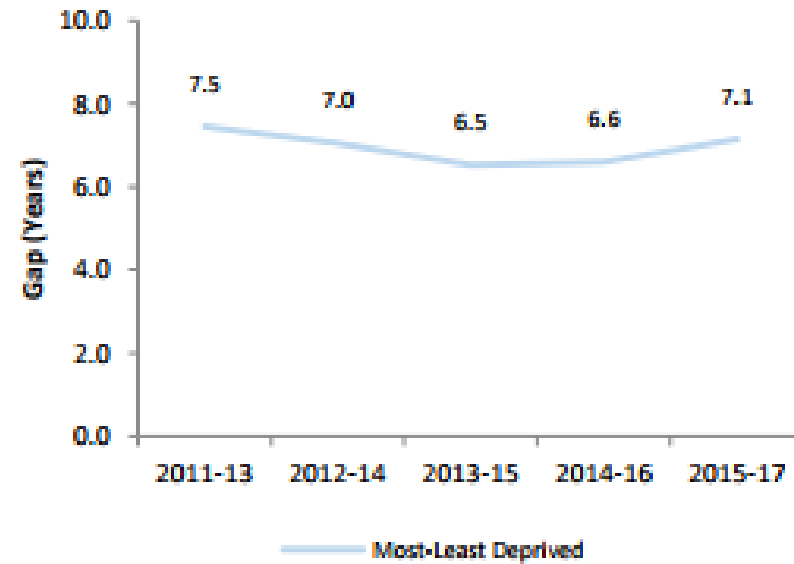
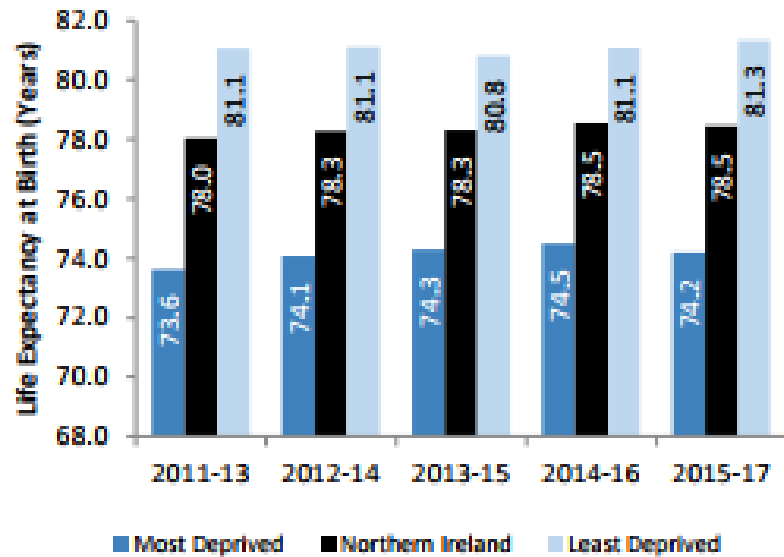
Key

Life Expectancy 2012-14
 Life Expectancy 2016-18
 Change in Life Expectancy 2012-14 to 2016-18

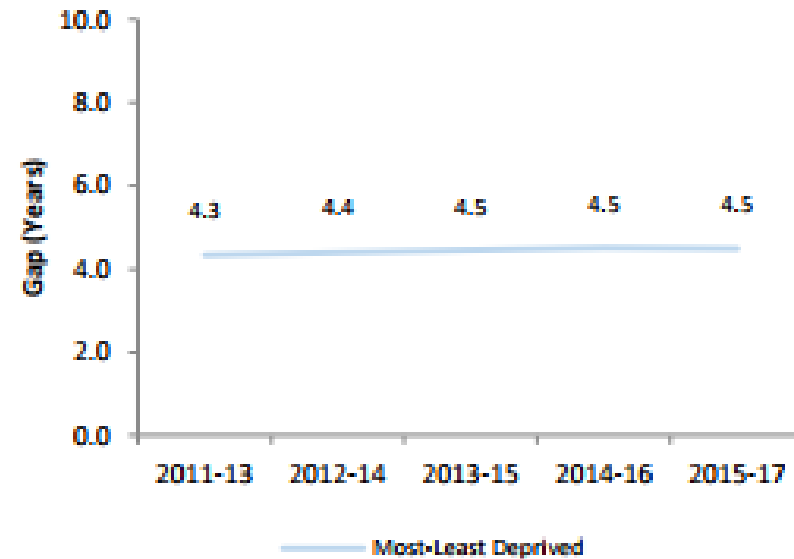
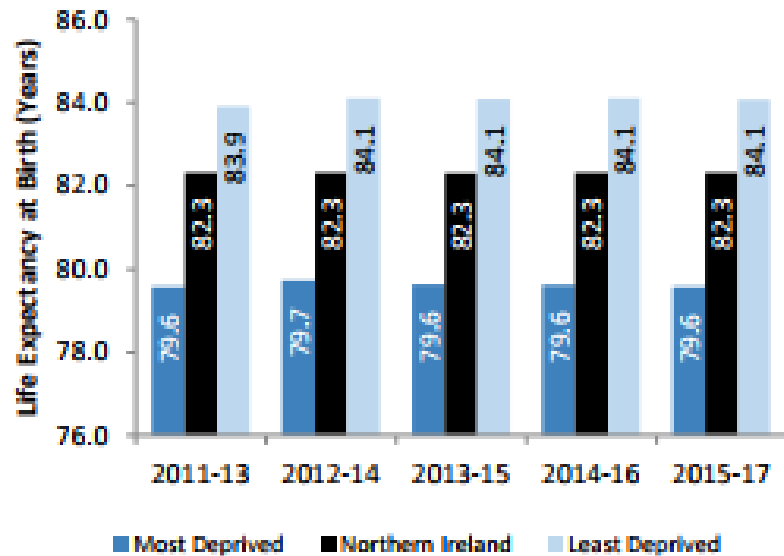
Public Health England and Office of National Statistics work 2018

- Since 2011 increases in life expectancy have slowed, and data from 2015-2017 indicates decreasing life expectancy for males in parts of the UK including in Scotland, Wales and Northern Ireland.
- Of concern are the significant discrepancies in life expectancy between areas of high and low deprivation. The gap has increased for males and females in England, Wales and Scotland, whilst narrowing slightly for males in Northern Ireland.

Male Life Expectancy at Birth

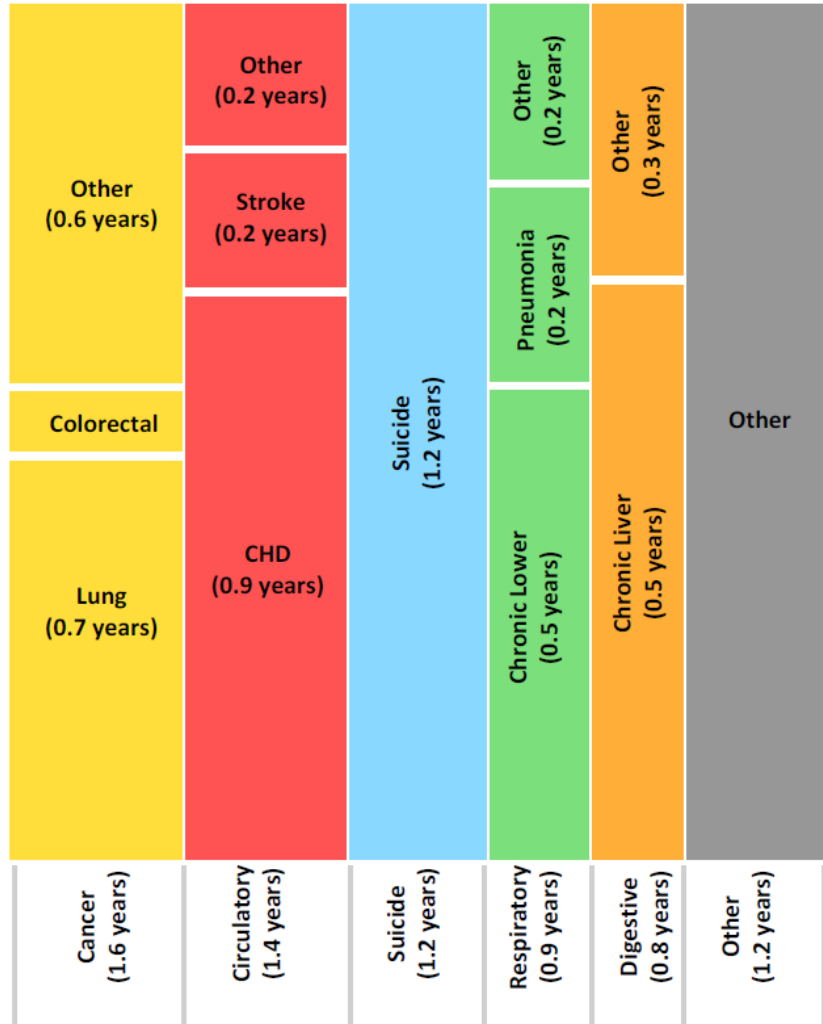


Female Life Expectancy at Birth



Gap in life expectancy between most and least deprived males and females 2015-2017

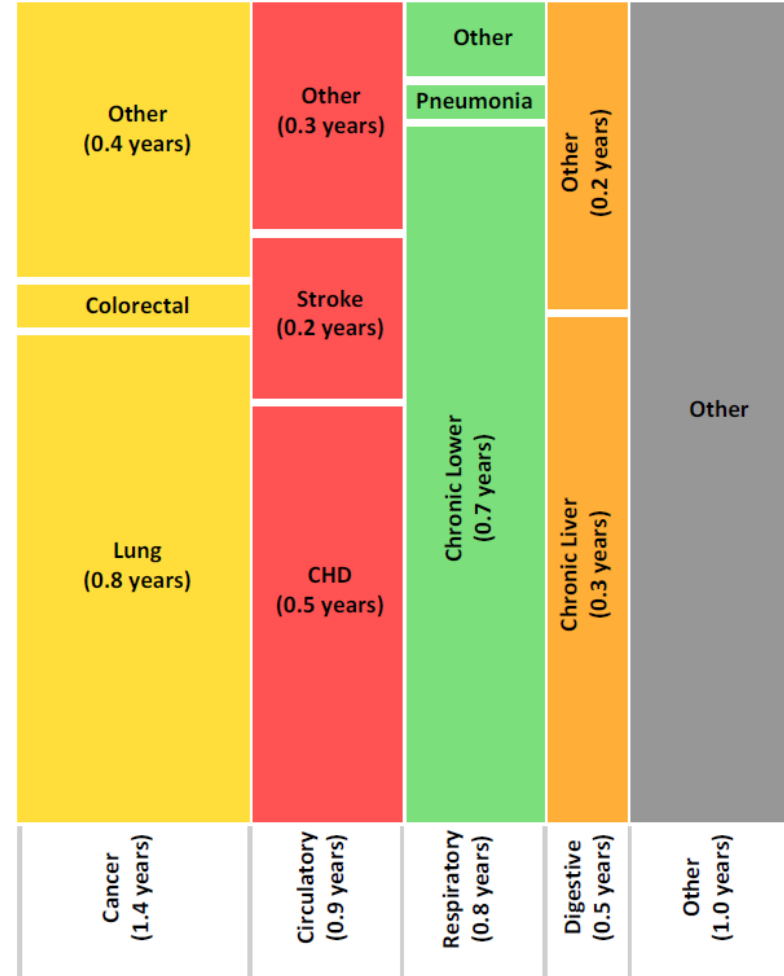
Higher mortality in most deprived areas



Cancer contributed to almost **one-quarter** of the deprivation gap.

Total Deprivation Gap: = **7.1** years

Higher mortality in most deprived areas



Cancer alone contributed to almost a third of the deprivation gap

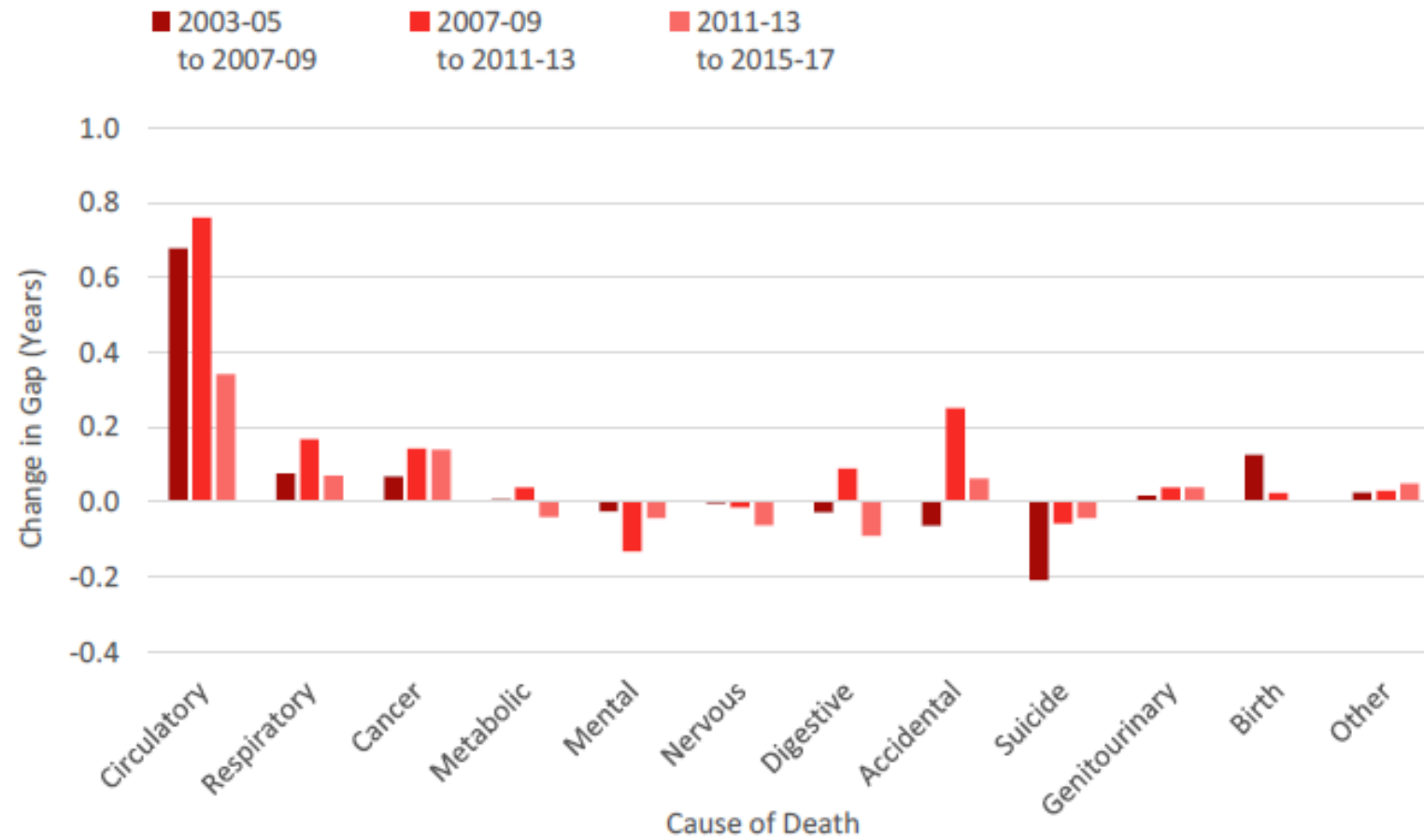
Higher mortality rates from **nervous system disorders** in the least deprived areas offset the gap by **0.1 years**.

Total Deprivation Gap: = **4.5** years

What driving the changes ? – some suggested reasons by commentators / research

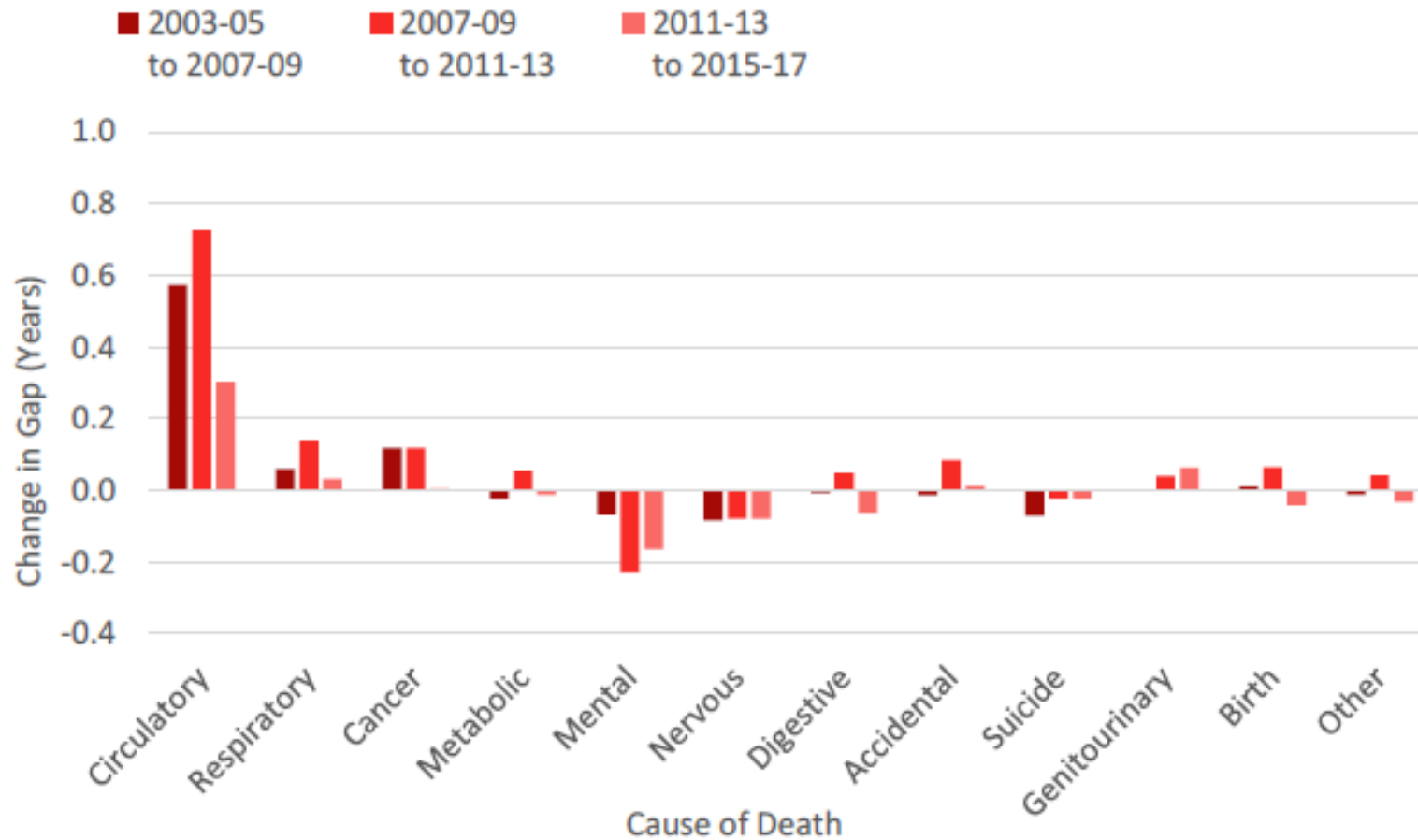
- Data fallacy
- Bad winter / flu
- Older people starting to die –natural limit
- Increased elderly = more demand on services – lack of supply creates unequal services to those worst off.
- Vaccine denial
- Impact of immigration
- Reaching the limit of improvements re heart disease and smoking reductions
- Impact of austerity policies – changes hitting most deprived areas harder
- Beginning to see the impact of sedentary lifestyles / obesity?
- US experience – ‘ deaths of despair’

Slowdown in male life expectancy growth: Cause of death changes between different periods



Source: NI Health & Social Care Inequalities Monitoring System, DoH

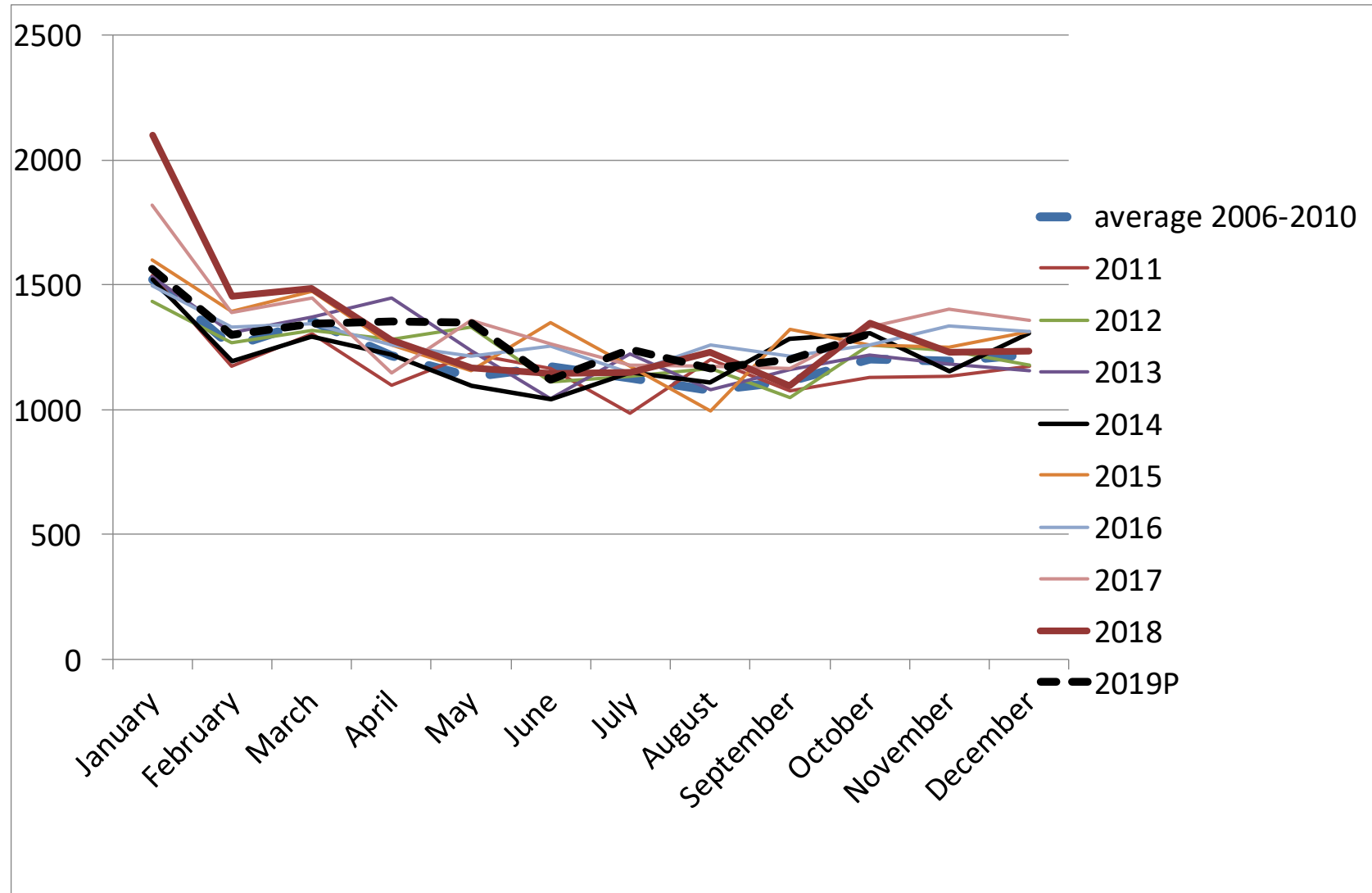
Slowdown in female life expectancy growth: Cause of death changes between different periods



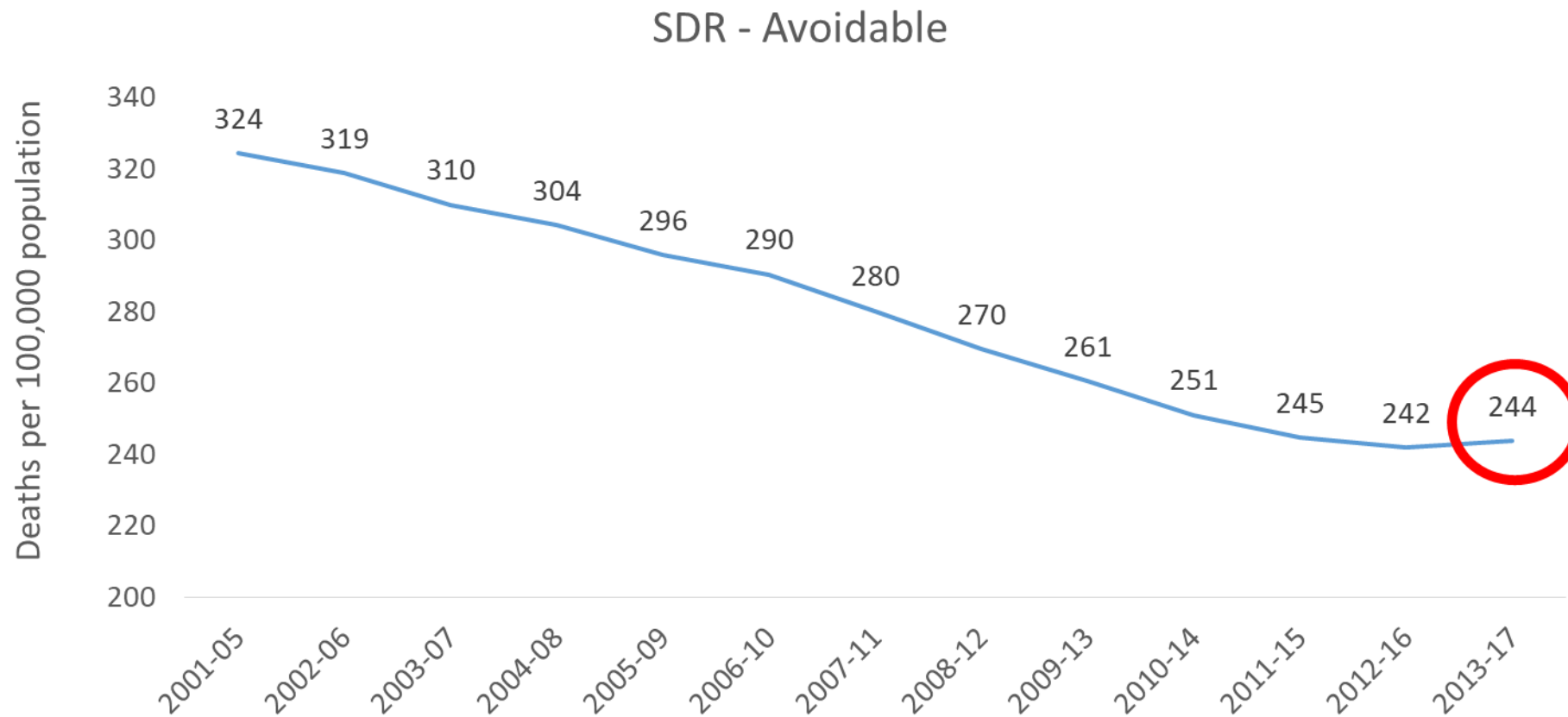
Source: NI Health & Social Care Inequalities Monitoring System, DoH

Seasonality and more recent data

Deaths
per
month



Potentially avoidable premature mortality 2001-5 to 2013-17 Standardised Death rate



Source: NI Health & Social Care Inequalities Monitoring System, DoH

Figure 1.37: Deaths from alcohol related diseases by sex
(2001 to 2018)

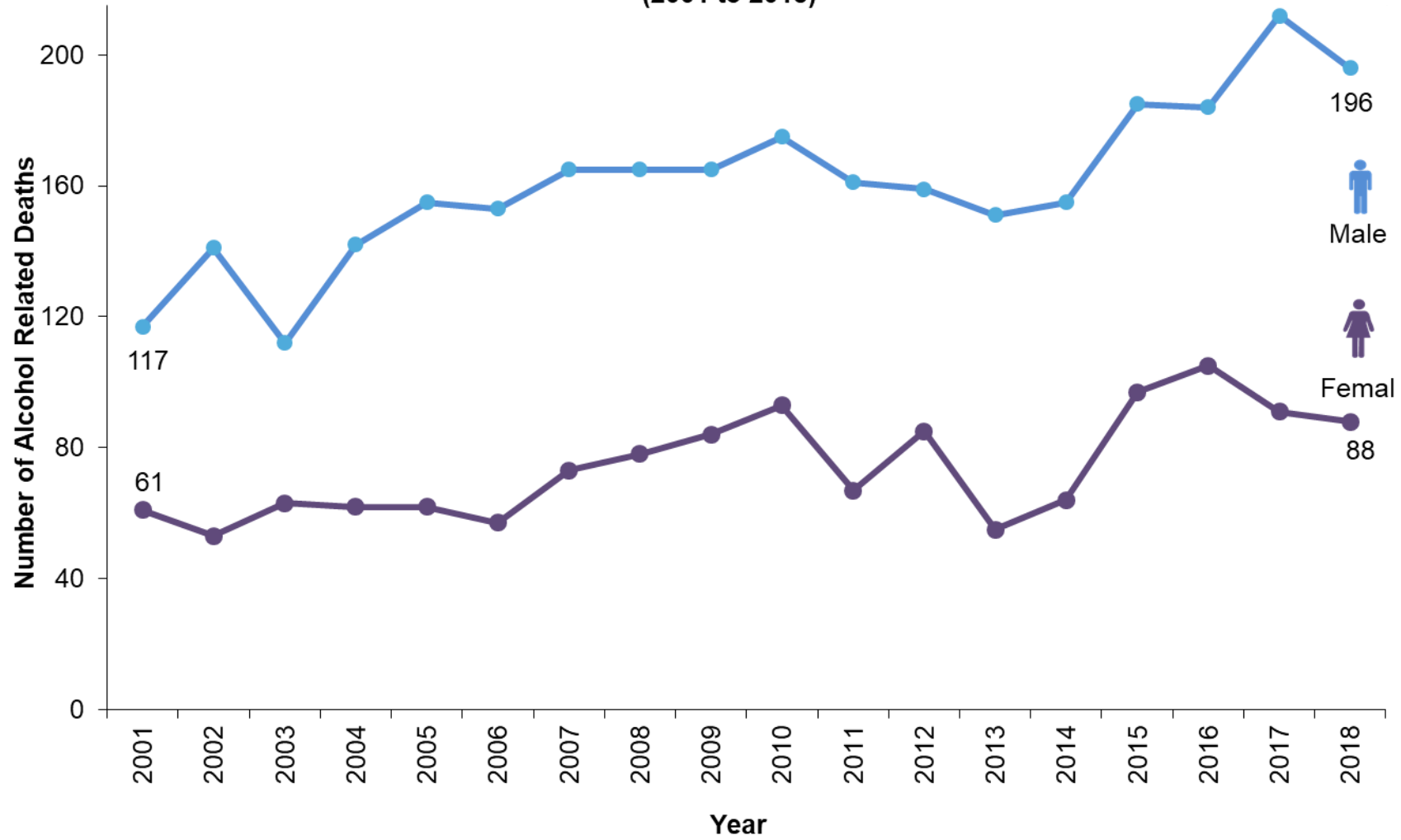
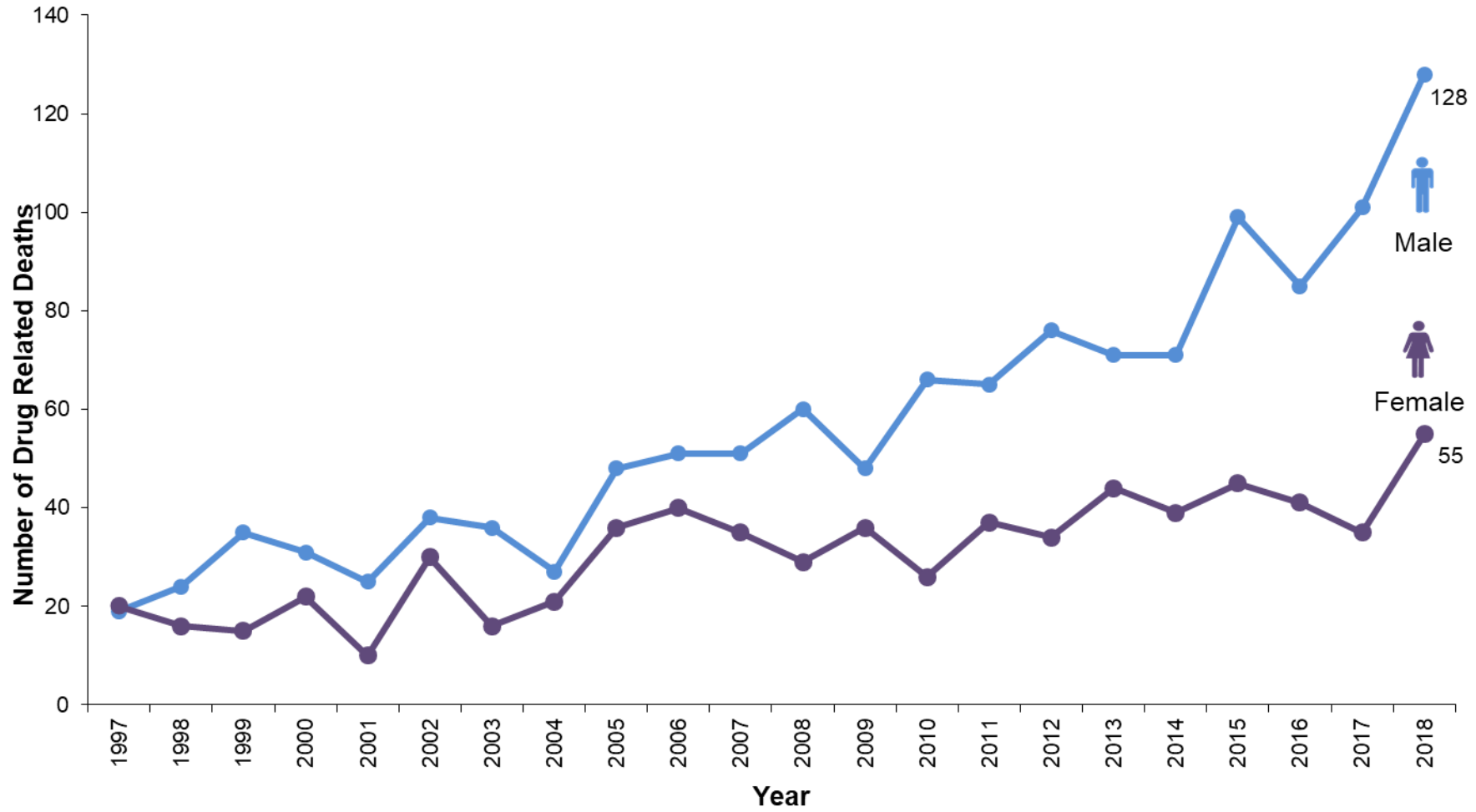
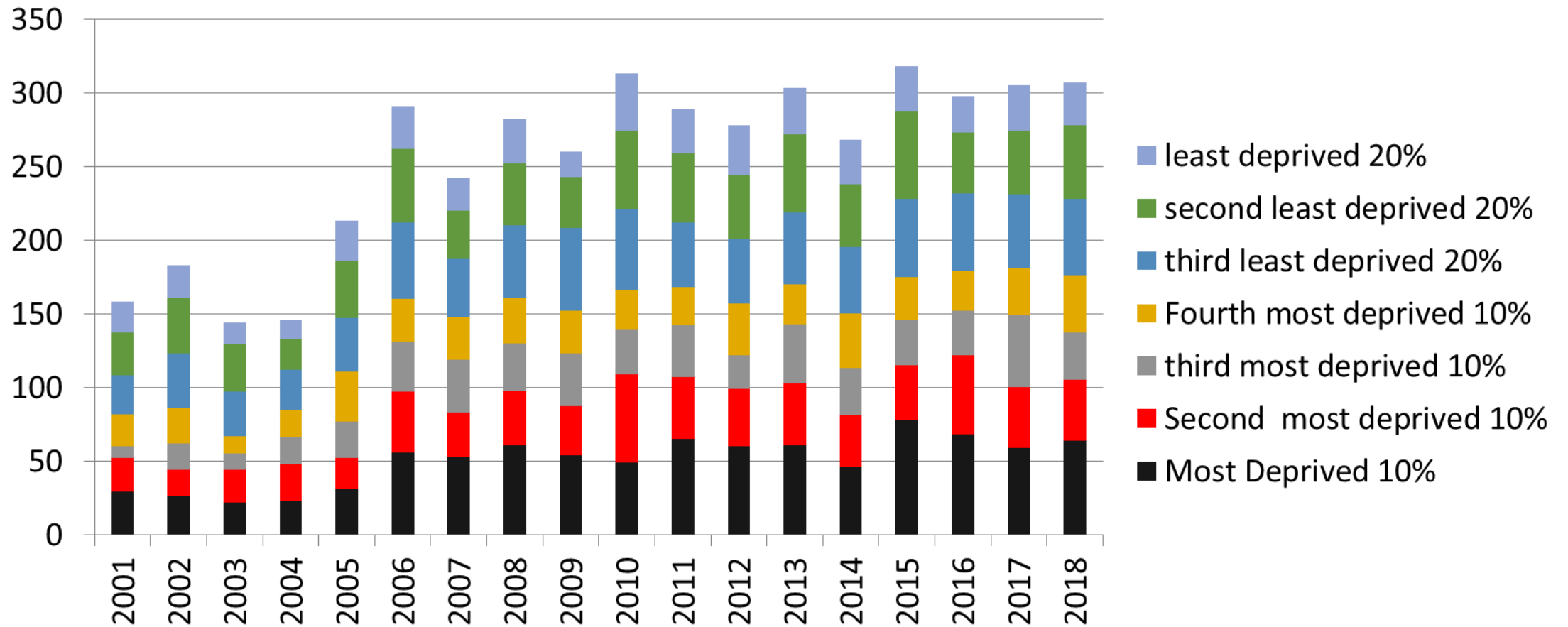
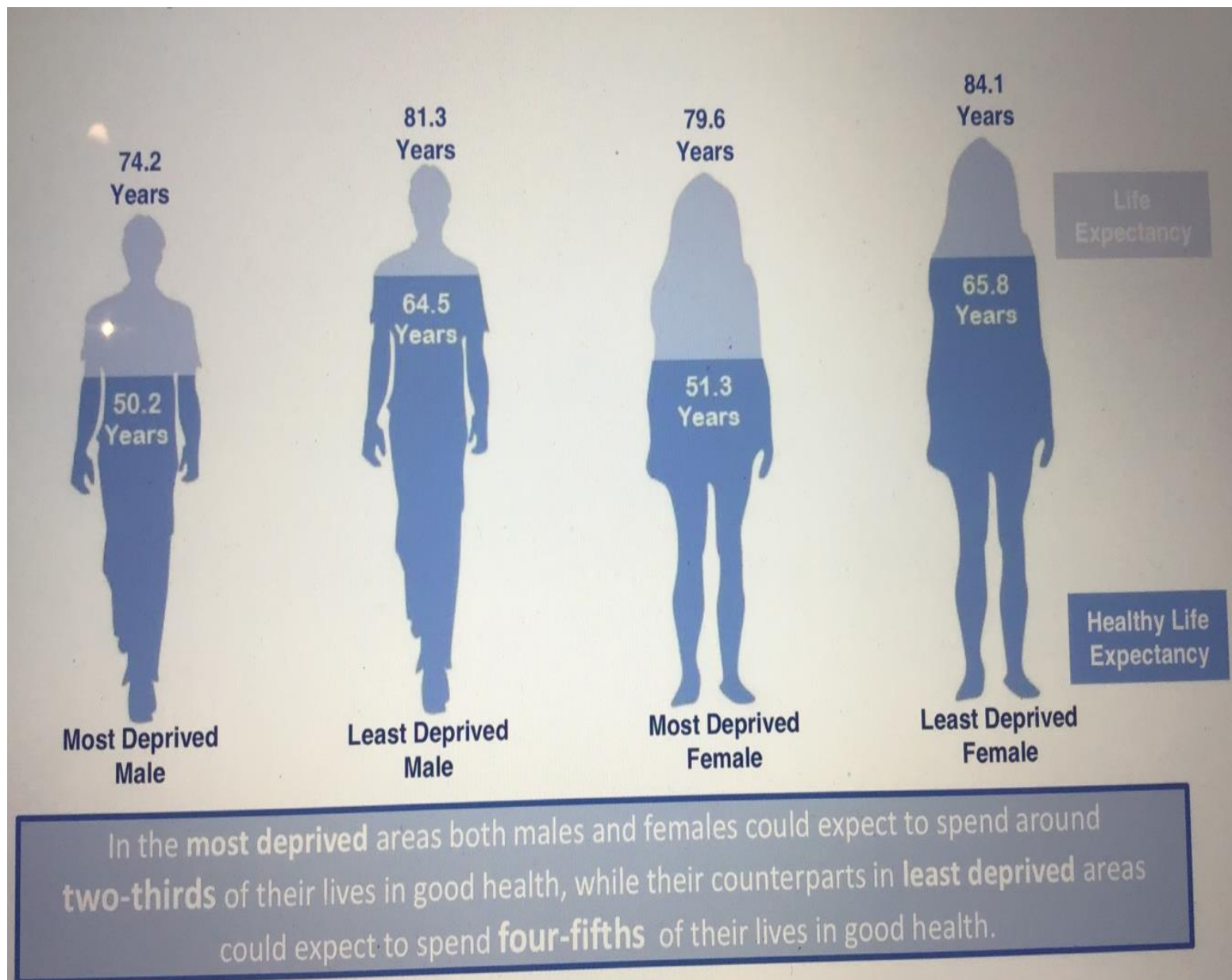


Figure 1.38: Drug related deaths by sex (1997-2018)



Suicide and Undetermined Intent deaths 2001-2018





Healthy life expectancy

BMJ editorial by Sir Michael Marmot

- A health crisis is a social crisis
- *BMJ* 2019; 365 doi: <http://doi.org/10.1136/bmj.l2278> (Published 24 May 2019) Cite this as: *BMJ* 2019;365:l2278



Sources :

- Slide 5 <https://www.nisra.gov.uk/publications/registrars-general-annual-report-2018-cause-death>
- Slide 6 <https://www.nisra.gov.uk/publications/registrars-general-annual-report-2018-cause-death>
- Slide 7 <https://www.nisra.gov.uk/publications/registrars-general-annual-report-2018-cause-death>
- Slide 8
<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/lifeexpectancies/bulletins/nationallifetablesunitedkingdom/2016to2018>
<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/lifeexpectancies/bulletins/nationallifetablesunitedkingdom/2016to2018>
- Slide 9
<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/lifeexpectancies/datasets/singleyearlifetablesuk1980to2018>
- Slide 10 <https://www.health-ni.gov.uk/publications/life-expectancy-northern-ireland-2016-18>
- Slide 11
<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/lifeexpectancies/datasets/singleyearlifetablesuk1980to2018>
- Slide 12 <https://www.health-ni.gov.uk/publications/life-expectancy-northern-ireland-2016-18>
- Slide 13 <https://www.health-ni.gov.uk/publications/life-expectancy-northern-ireland-2016-18>

Sources ctd

- Slide 15 <https://www.health-ni.gov.uk/publications/health-inequalities-annual-report-2019>
- Slide 16 <https://www.health-ni.gov.uk/publications/life-expectancy-northern-ireland-2016-18>
- Slide 18 <https://www.health-ni.gov.uk/publications/life-expectancy-northern-ireland-2016-18>
- Slide 19 <https://www.health-ni.gov.uk/publications/life-expectancy-northern-ireland-2016-18>
- Slide 20 <https://www.nisra.gov.uk/publications/monthly-deaths>
- Slide 21 <https://www.health-ni.gov.uk/publications/health-inequalities-annual-report-2019>
- Slide 22 <https://www.nisra.gov.uk/publications/registrars-general-annual-report-2018-cause-death>
- Slide 23 <https://www.nisra.gov.uk/publications/registrars-general-annual-report-2018-cause-death>
- Slide 24 <https://www.nisra.gov.uk/publications/suicide-statistics>
- Slide 25 <https://www.health-ni.gov.uk/publications/health-inequalities-annual-report-2019>