

# Health Inequities and Social Determinants of Health

**Michael Marmot**

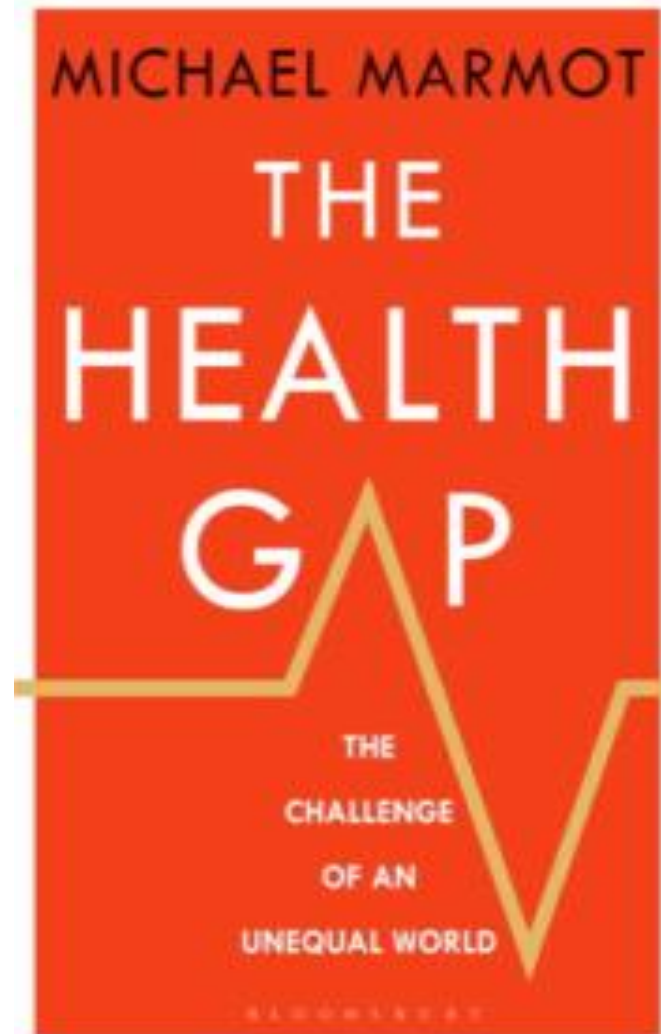
**@MichaelMarmot**

**[www.instituteoftheequity.org](http://www.instituteoftheequity.org)**

**IUHPE**

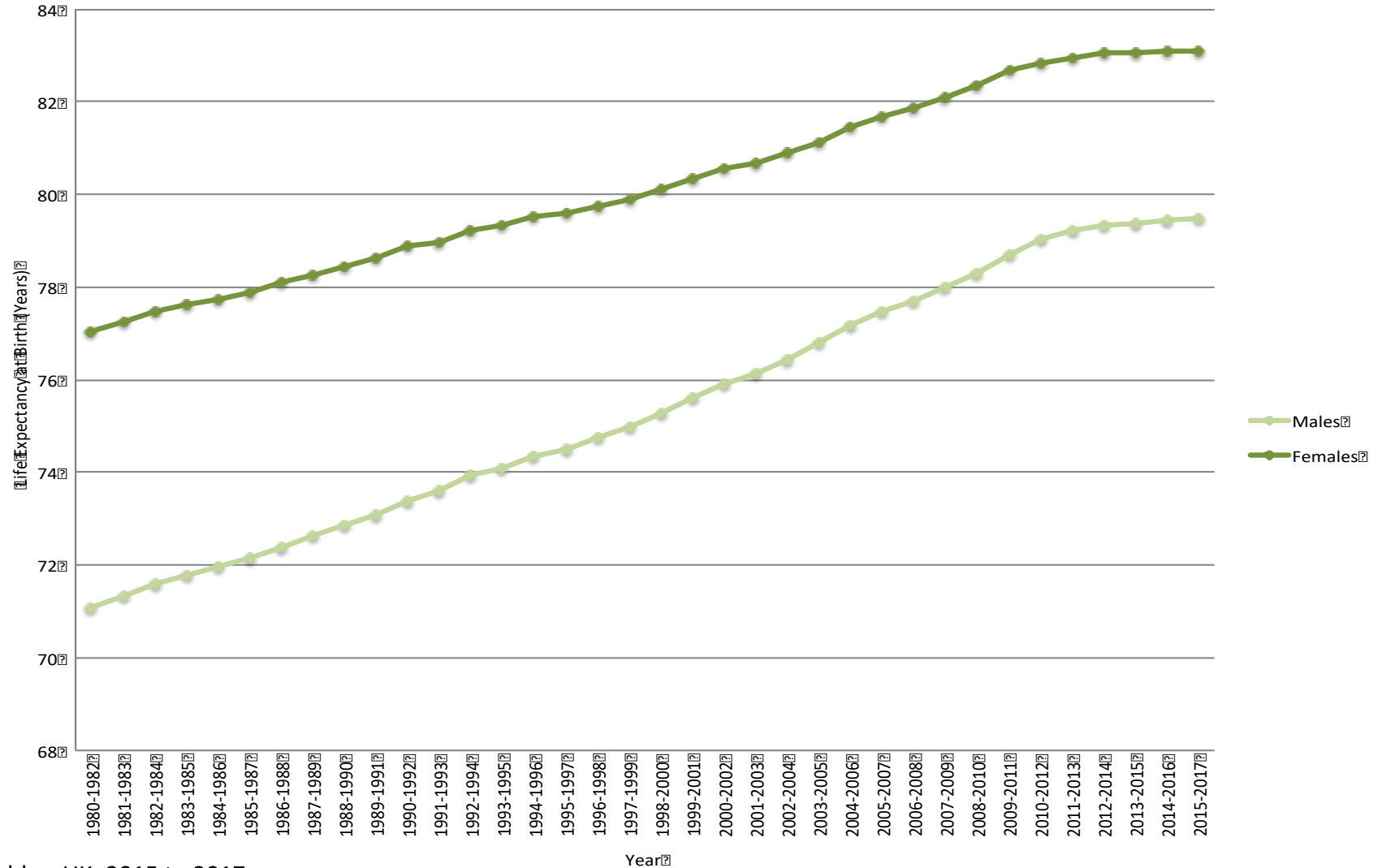
**Rotorua NZ 2019**

What good does it do to treat people and send them back to the conditions that made them sick?



# 1. Stalling Life Expectancy

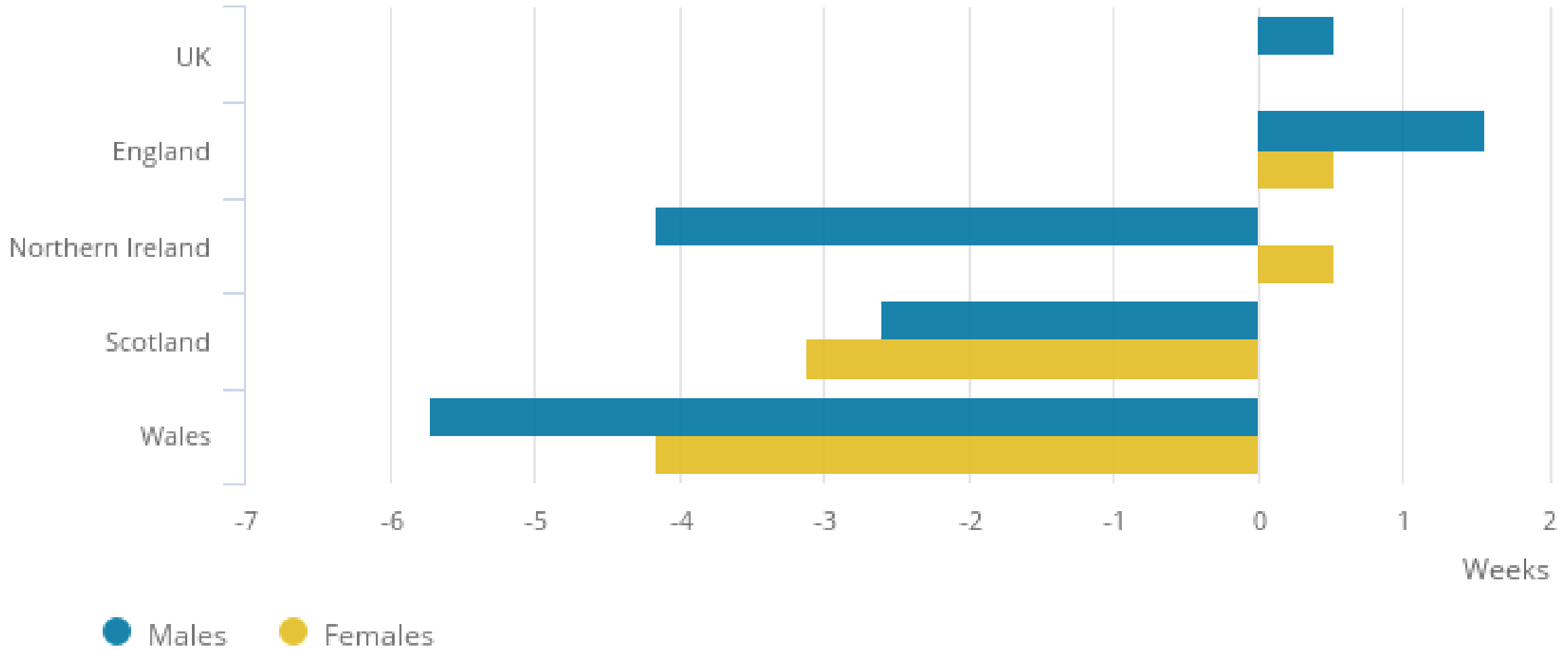
## Life Expectancy at Birth, England, 1980-92 – 2015-17



Source: ONS, National life tables, UK: 2015 to 2017

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/lifeexpectancies/bulletins/nationallifetablesunitedkingdom/2015to2017>

# Change in life expectancy at birth in weeks, UK, 2014-16 - 2015-17



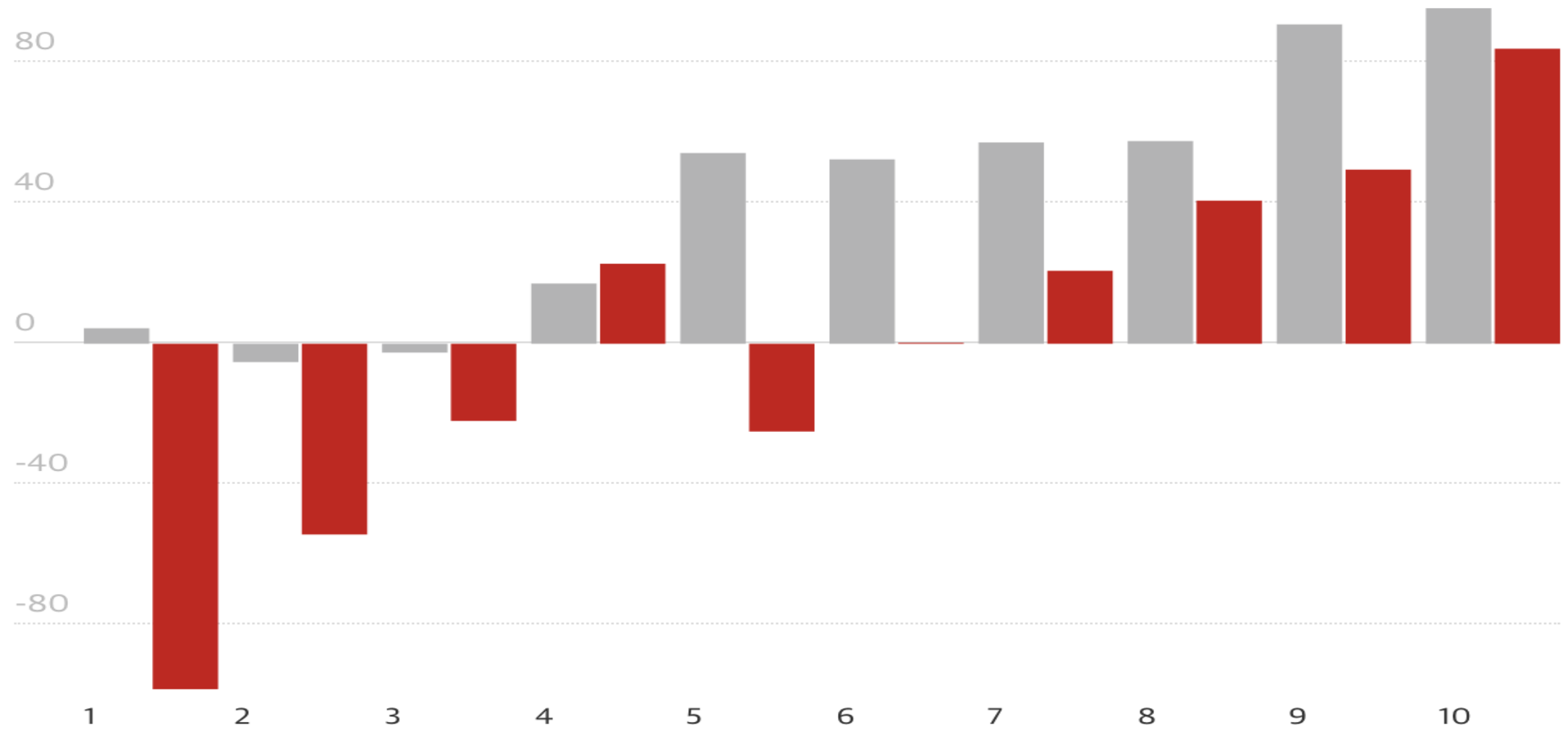
Source: ONS, National life tables, UK: 2015 to 2017

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/lifeexpectancies/bulletins/nationallifetablesunitedkingdom/2015to2017>

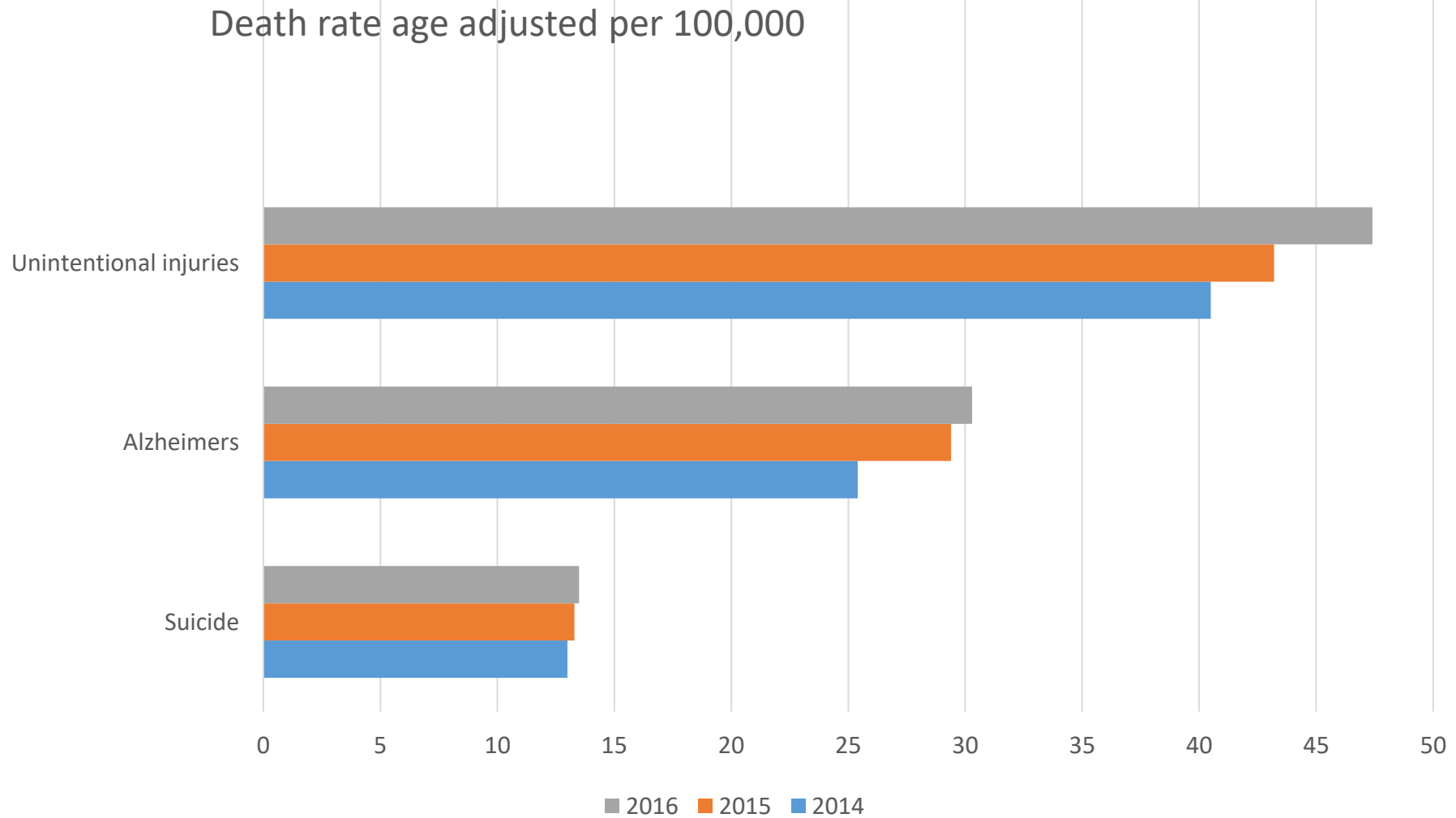
# Life expectancy at birth for England's poorest women has fallen significantly in recent years

Change to life expectancy in days, 2012-14 to 2015-17. 1 = poorest, 10 = richest decile

■ male ■ female



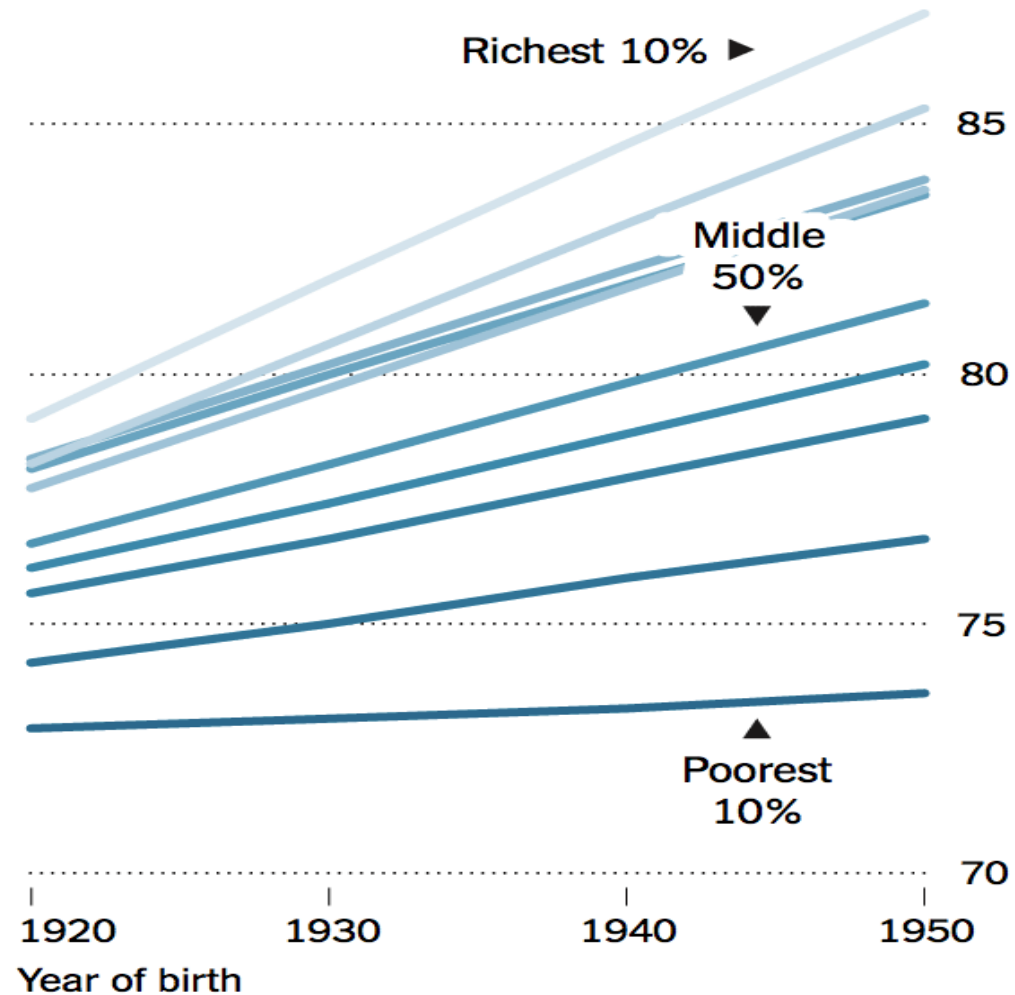
# US Life expectancy declined 2 years in a row



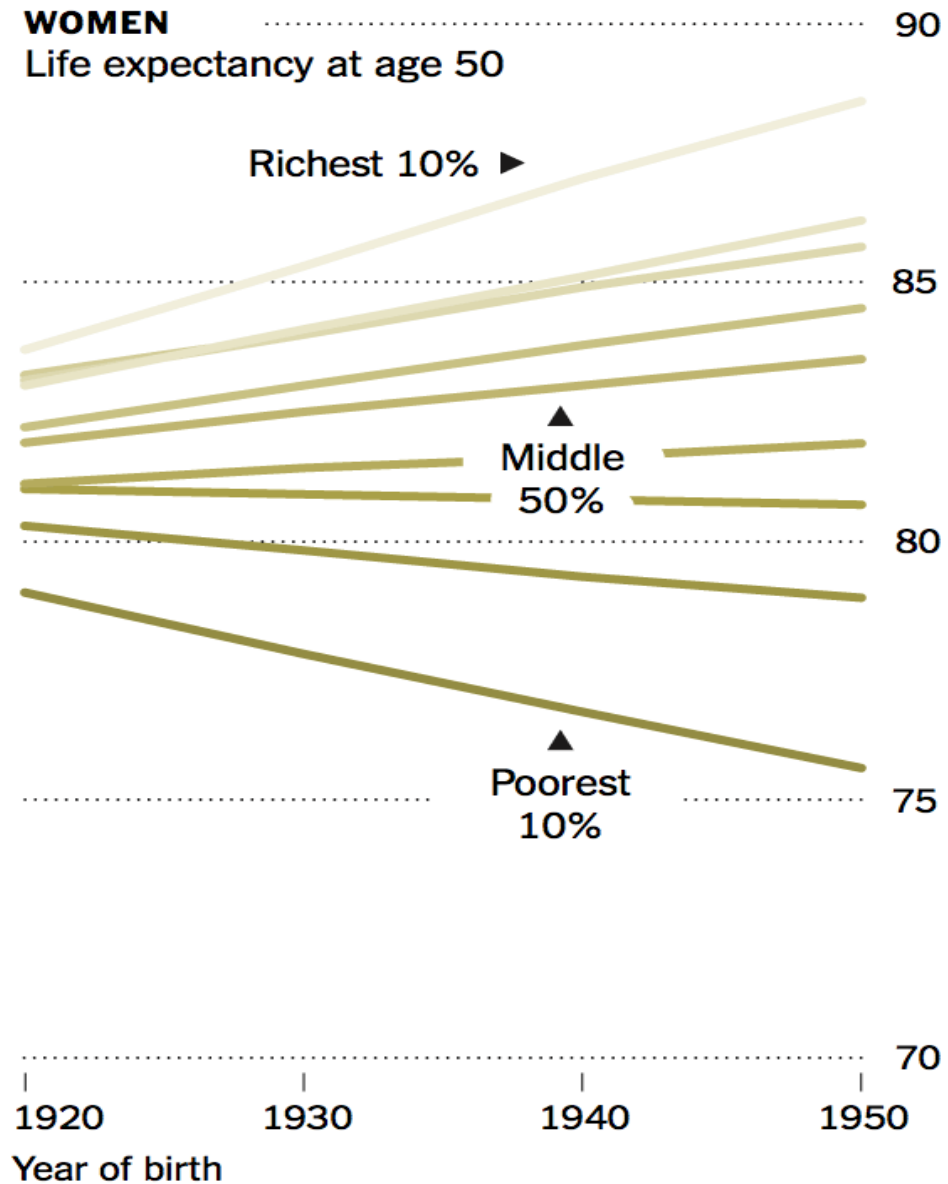
Unintentional injuries include accidental drug overdose 63,600 deaths last year

# US Life Expectancy – year of birth

**MEN** ..... 90  
Life expectancy at age 50



# US Life Expectancy – year of birth





# Closing the gap in a generation

Health equity through action on the social determinants of health



The Commission on Social Determinants of Health (CSDH) – Closing the gap in a generation



Strategic Review of Health Inequalities in England: The Marmot Review – Fair Society Healthy Lives



Review of Social Determinants of Health and the Health Divide in the WHO European Region

*Fair Society, Healthy Lives:*  
6 Policy Objectives

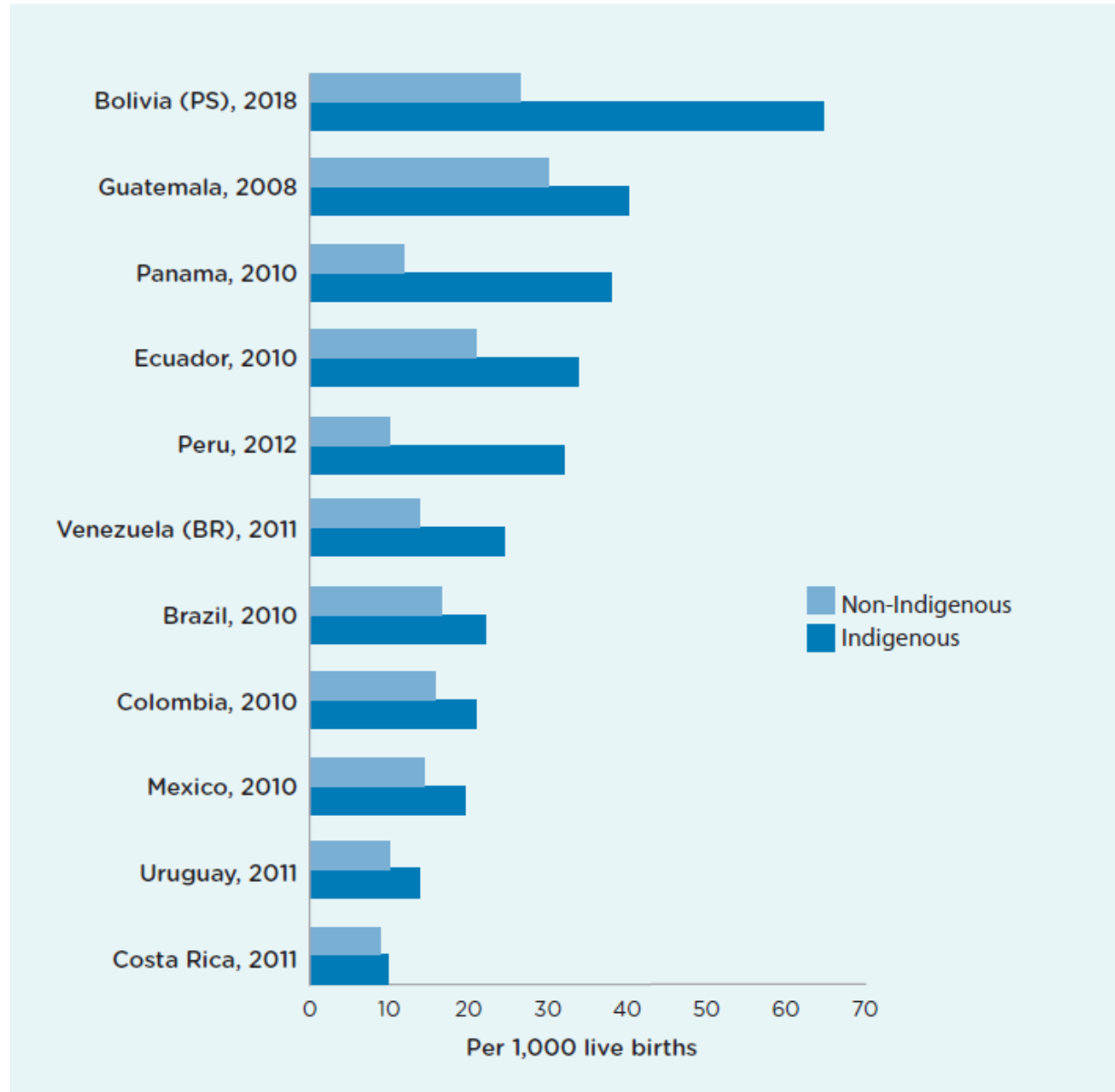
- A. Give every child the best start in life**
- B. Enable all children, young people and adults to maximise their capabilities and have control over their lives**
- C. Create fair employment and good work for all**
- D. Ensure healthy standard of living for all**
- E. Create and develop healthy and sustainable places and communities**
- F. Strengthen the role and impact of ill health prevention**



# Commission of the Pan American Health Organization on Equity and Health Inequalities in the Americas

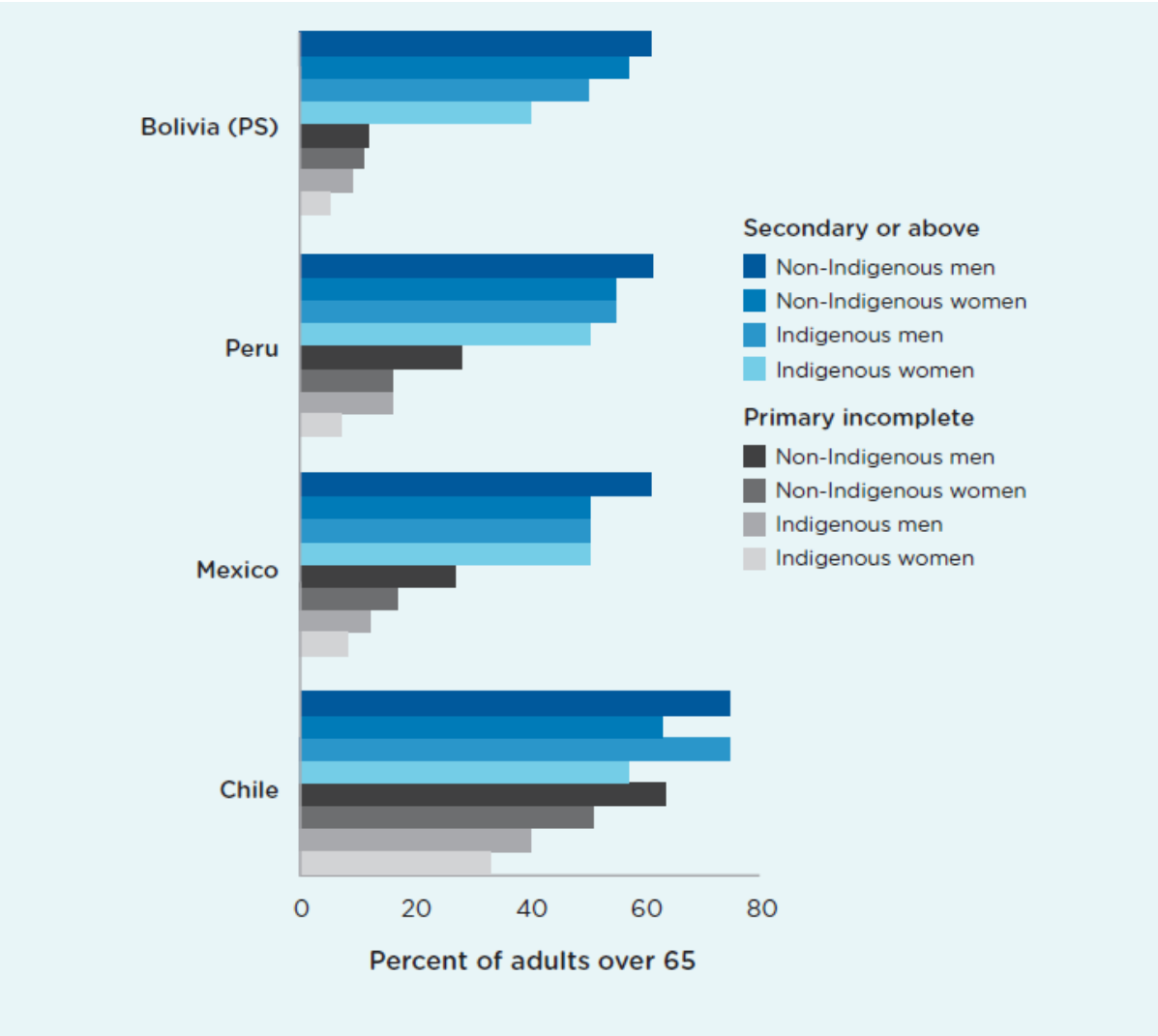


# INFANT MORTALITY BY INDIGENOUS ETHNICITY, 2012 OR LATEST AVAILABLE



Source: Economic Commission for Latin America and the Caribbean, 2017

# ADULTS AGED 65 AND OVER IN RECEIPT OF A PENSION, BY SEX, INDIGENOUS IDENTITY AND EDUCATION LEVEL, FOUR LATIN AMERICAN COUNTRIES WITH COMPARABLE DATA, 2014



Source: ECLAC, The social inequalities matrix, 2017.



# LIFE EXPECTANCY AT BIRTH

	MALE	FEMALE
INDIGENOUS AUSTRALIAN*	69.1	73.7
NON INDIGENOUS AUSTRALIAN*	79.7	83.1

<http://www.aihw.gov.au/deaths/life-expectancy/>

Downtown  
Areyonga  
NT Australia



# Supreme Court Alice Springs NT





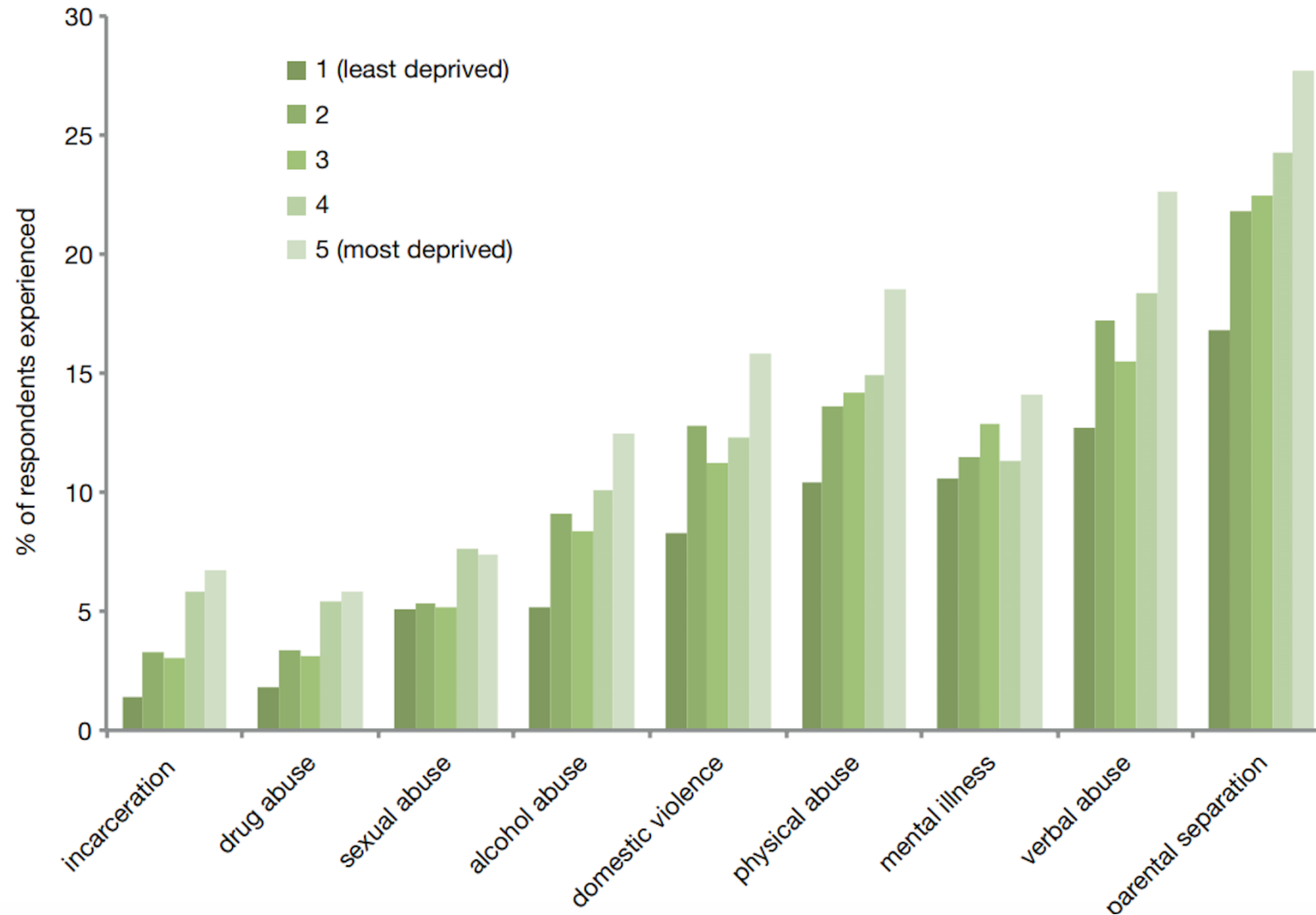
# Indigenous Australians in NT Australia

- Incarceration rate 2400/100,000
- Cf Non-indigenous 186/100,000
  - 13 fold difference
- 84% Prison pop is Indigenous Cf 27% general population
- Diagnosed mental illness in prisoners 72% in M; 92% in F

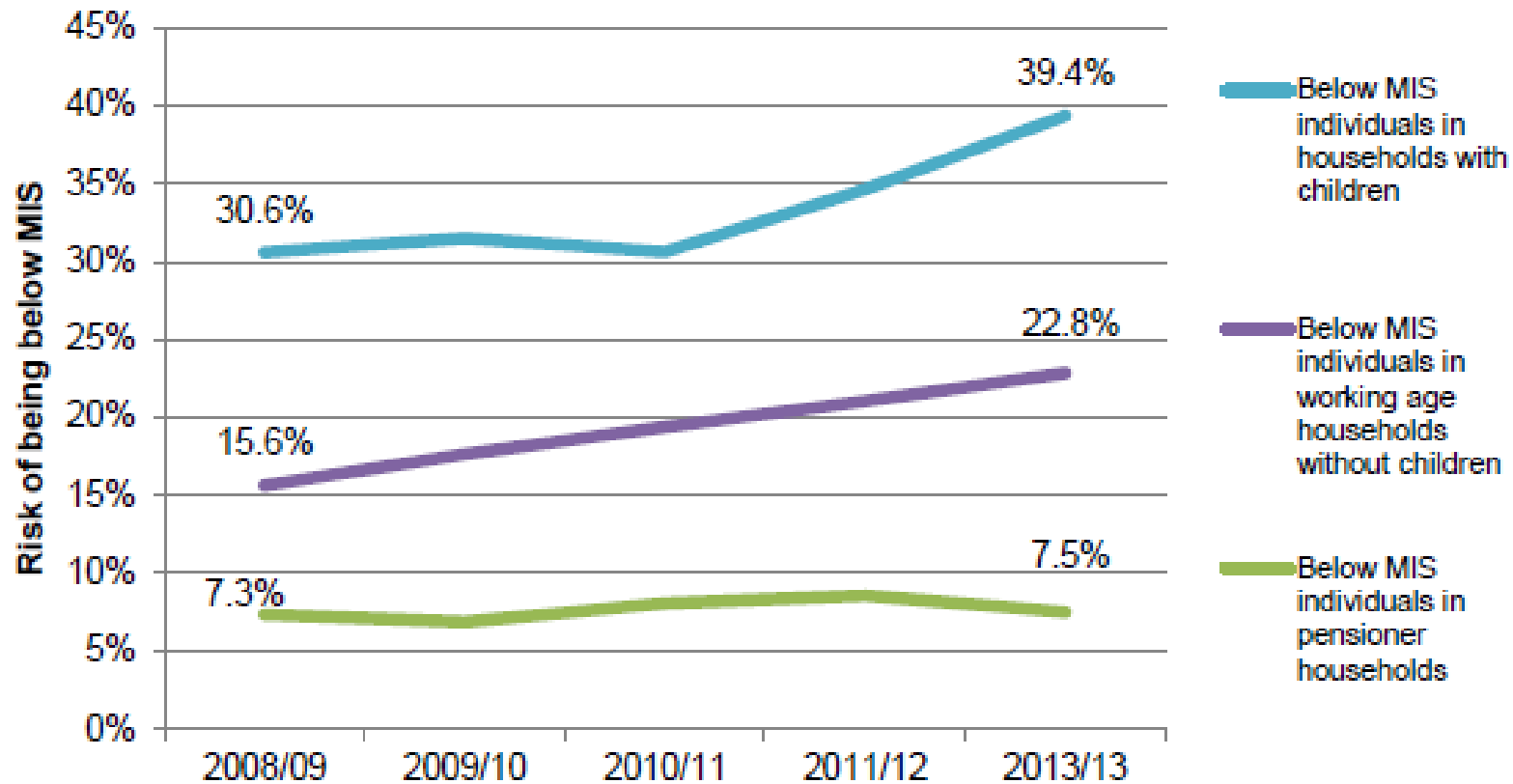
# Give Every Child the Best Start



# ACEs by income England 2013



# Rick of being below Minimum Income Standard



# Characteristics of housing and neighbourhood matter for health

# Childhood poverty in London

## Less than 60% median income

- Before housing costs. 17%
- After housing costs. 37%

# Indirect health and social impacts

- Cold housing negatively affects:
  - children's educational attainment, emotional well-being and resilience
  - family dietary opportunities and choices
  - dexterity; and increases the risk of accidents and injuries in the home



HAVE TO BE Perfect  
TO BE Wonderful

The  
Wheels on the bus



go  
ROUND AND ROUND  
ROUND AND ROUND  
ROUND AND ROUND

twinkle  
twinkle LITTLE STAR

All  
day





Emily, Martin and their baby sleep on the sofa bed, in the living room, where they eat.

The other three children in the bedroom.

Martin earns £800 a month

Outside, older kids compete for drugs clientele. Leave knives in the bushes where younger children play hide and seek







Three teenagers and nine year old in one room. Mum and Dad in the other.

Both parents work but they still have to have their rent subsidized

“The area is full of gangs. I want my children to live in a safe place...There are kids around the building who don't go to school”



Amelie's partner left a five months pregnant

“At the beginning I didn't have benefits, so I didn't have food ... I was crying for no reason”

Amelie puts a towel under the door to stop the weed smoke from getting in.







Nigerian mother, English father and three children in two bedroom flat:

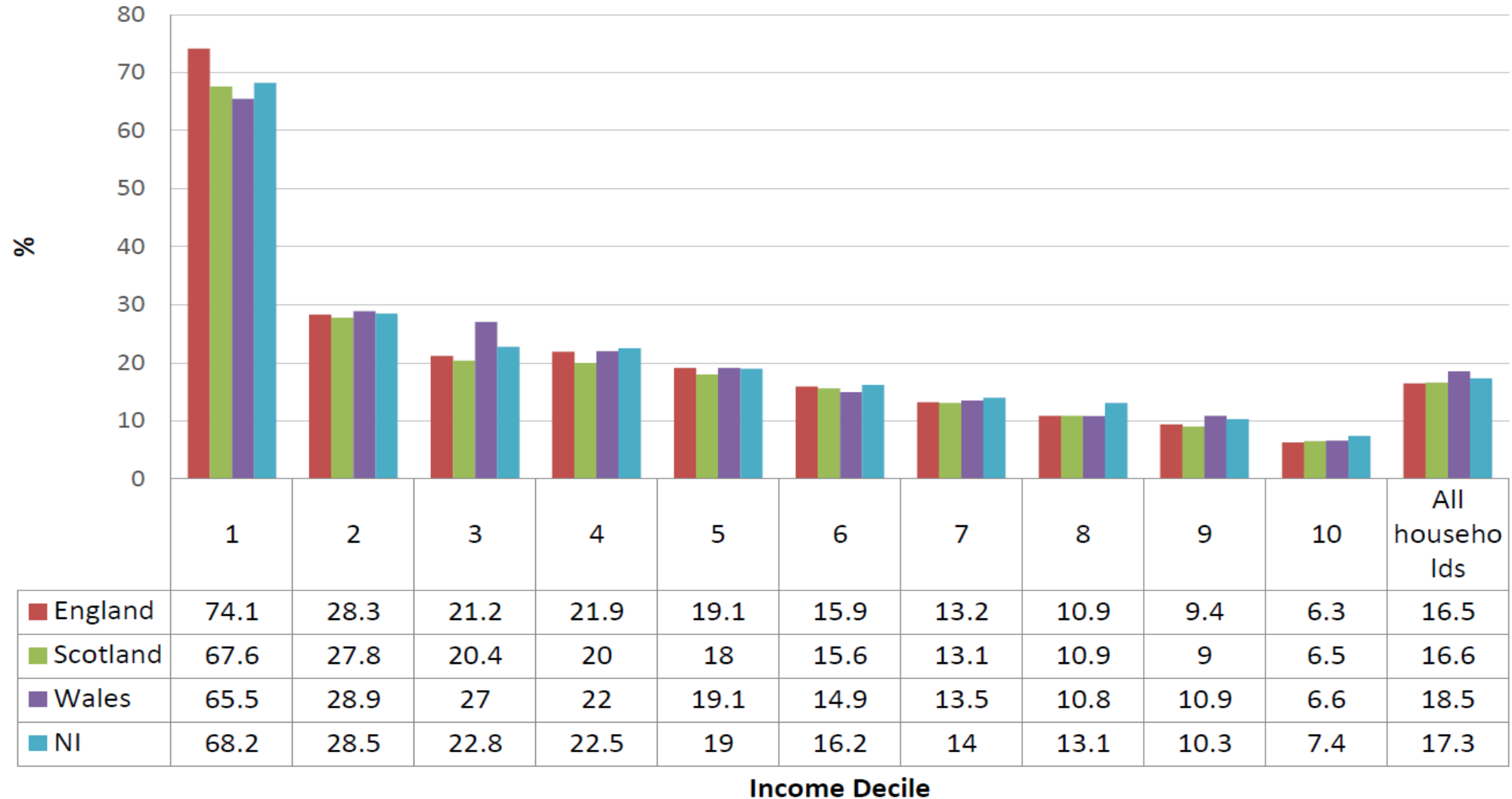
“To know that somebody, somewhere, is making something available for you to be happy. My feeling welcome in this country has been all through charities.”

Feckless? Choosing the easy life of welfare dependence?

“Nobody falls into this on purpose, because your whole life is going to be a trap. A trap. And then you will see yourself living a life you never thought you would”.



## Median % of disposable income used up if Eatwell guide was spent,



# COVENTRY: A MARMOT CITY

Some key achievements

## COVENTRY JOB SHOP

Operating since 2012, served 40,000 residents  
Youth unemployment reduced from 27% to 12.3%  
(above national average to below)  
Average weekly earnings increased from £45 less than  
national average to £17 less  
There are 16.5% more residents in work since 2014



## AMBITION COVENTRY



Employment support programme  
engaged with 1,700 young  
people at risk of not being in  
employment, education or  
training

- “a wellbeing approach can be described as enabling people to have the capabilities they need to live lives of purpose, balance, and meaning for them.”

- “a wellbeing approach can be described as enabling people to have the capabilities they need to live lives of purpose, balance, and meaning for them.”

Amartya Sen?

- “a wellbeing approach can be described as enabling people to have the capabilities they need to live lives of purpose, balance, and meaning for them.”

Amartya Sen?

No



**TE TAI ŌHANGA**  
**THE TREASURY**

# My two messages in a world of post-fact politics

- Evidence-based policy
- Spirit of social justice

Remember: We said that

“Social injustice is killing on a grand scale”

## PAHO Equity Commission

“At the heart of the Commission’s purpose is ensuring the right of all people in the Americas to lead lives of dignity and enjoy the highest attainable standard of health. We call on all governments to act.”

Michael Marmot, Chair, PAHO Commission on  
Equity and Health Inequalities in the Americas