

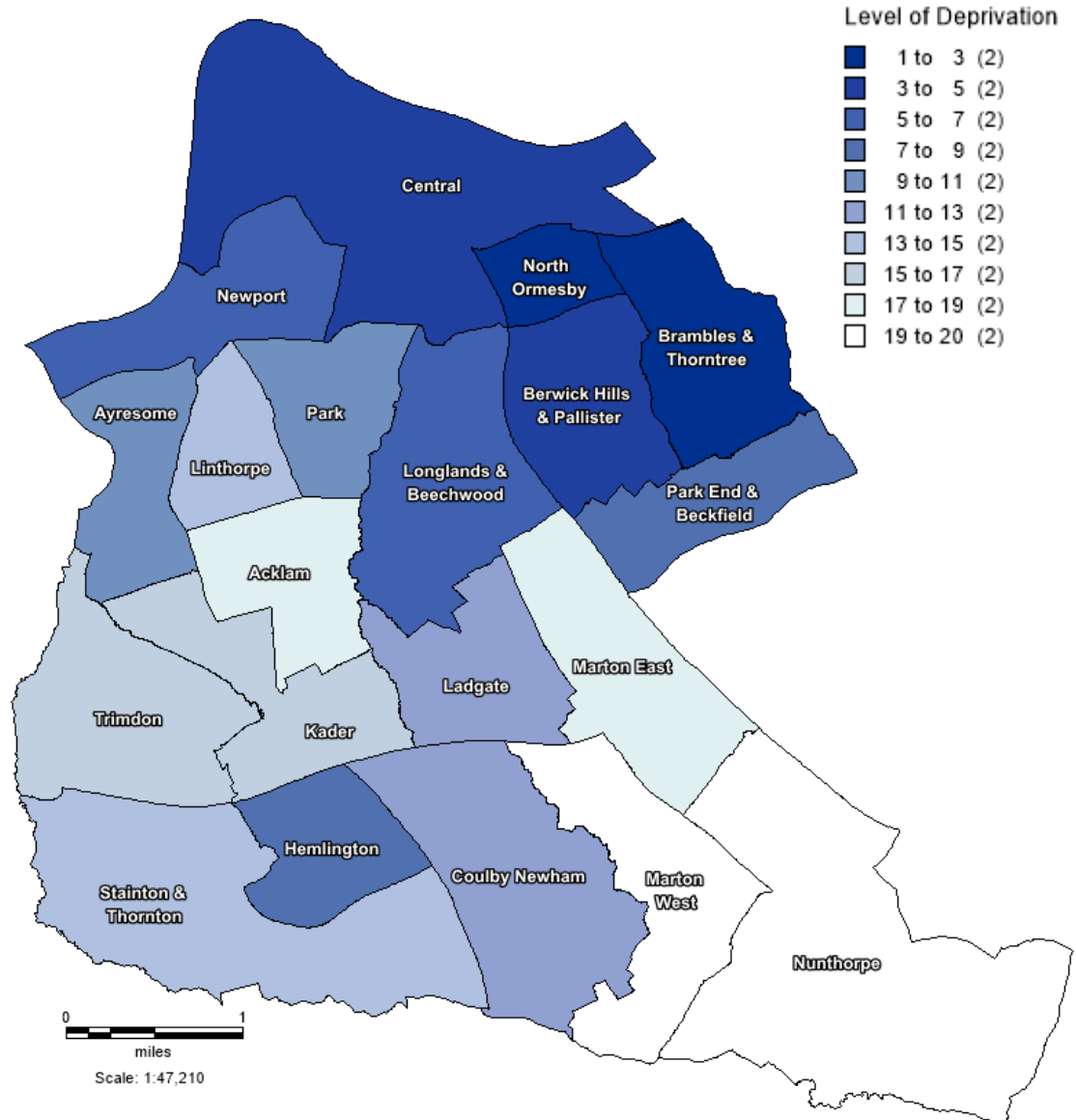
# Naloxone: Middlesbrough's Approach

# Middlesbrough Local Authority is the most deprived local authority in England

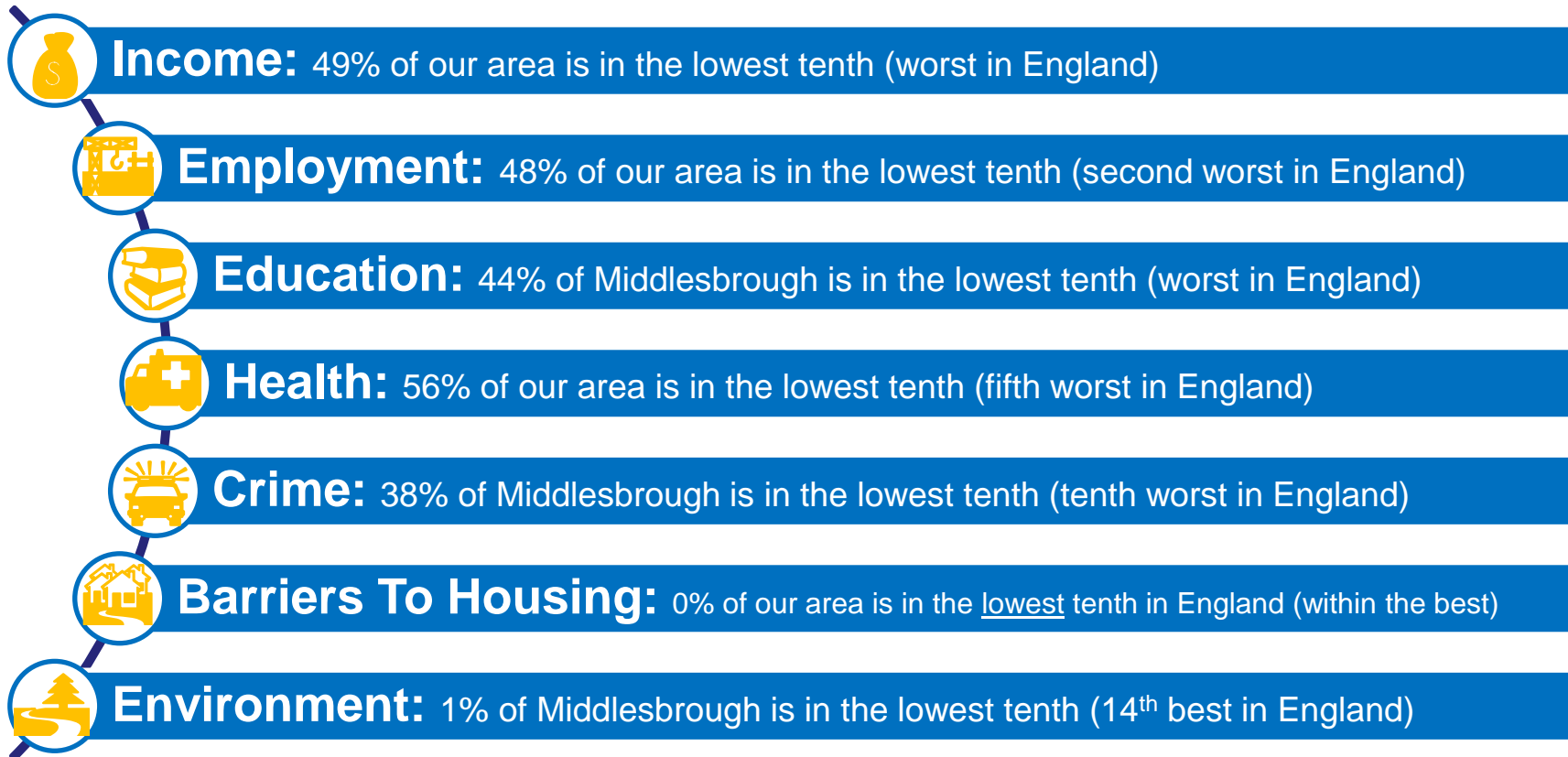
Middlesbrough is the Local Authority containing the highest proportion of areas which are considered the 'most deprived'.

Of the wards in Middlesbrough, North Ormesby is the most deprived, and is the second most deprived in England.

49% of areas in Middlesbrough fall into this 'most deprived' category, which is determined using 7 key indicators...

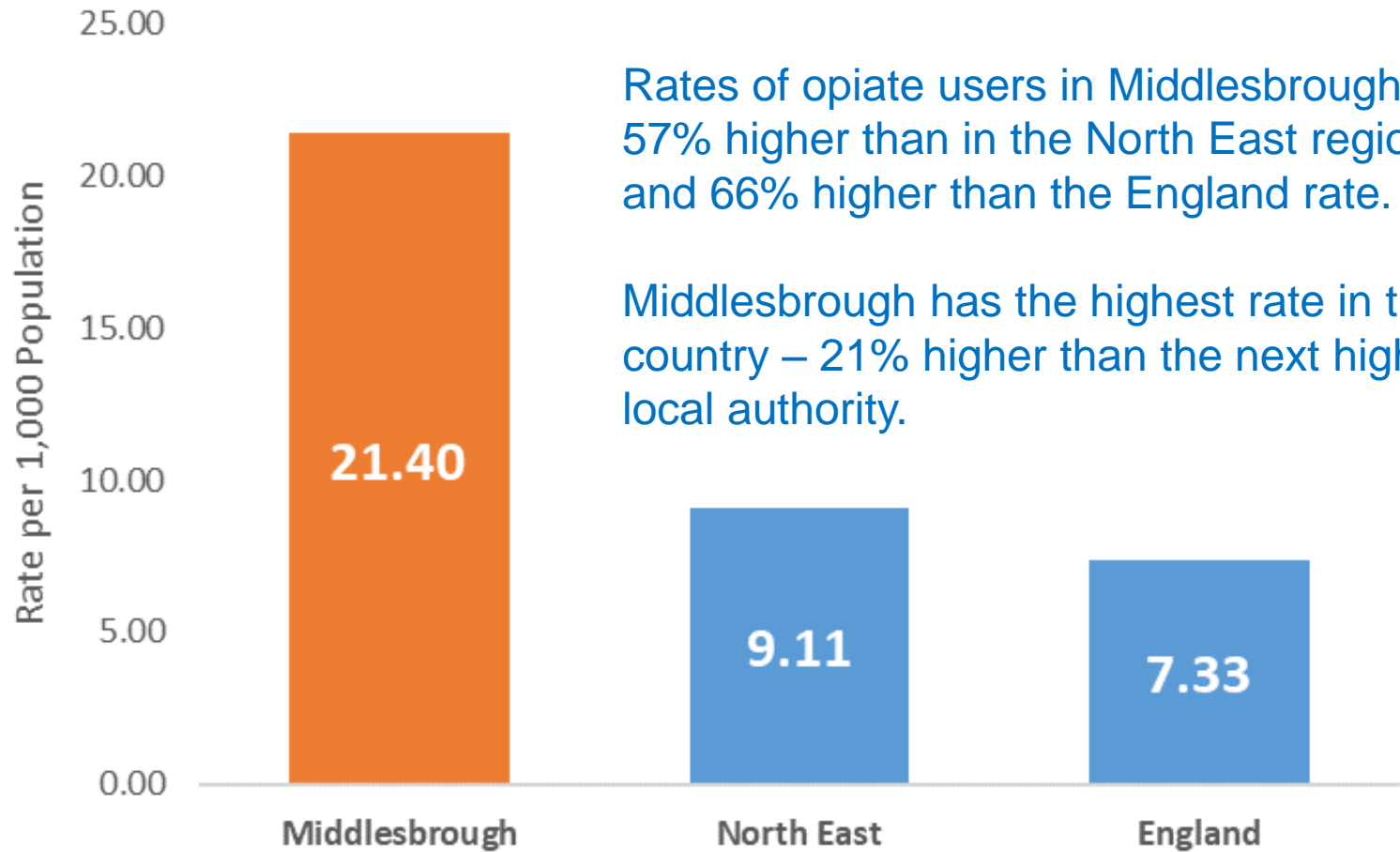


# Deprivation Domains and Middlesbrough: Where do we sit?



Ranked from **Worst** in the country (1<sup>st</sup>) to **Best** in the country (326<sup>th</sup>).

# Opiate Use: A National Comparison



Rates of opiate users in Middlesbrough are 57% higher than in the North East region, and 66% higher than the England rate.

Middlesbrough has the highest rate in the country – 21% higher than the next highest local authority.

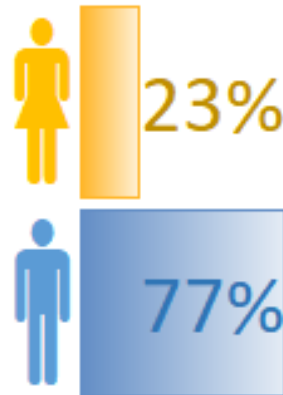
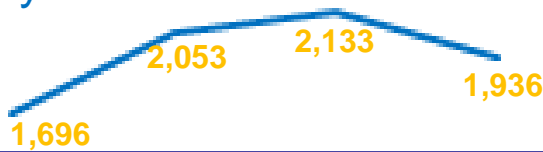
Rates are per 1,000 population and are estimates only

# Opiate use in Middlesbrough

The number of opiate users has increased between 2011/12 and 2014/15 by:

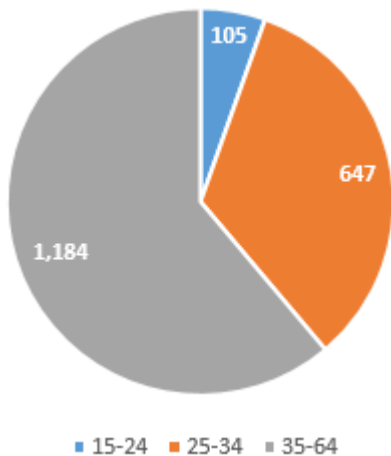
# 14%

Trend:



9.66 users per 1,000 women

33.29 users per 1,000 men



61.2% of opiate users are aged 35-64

33.4% aged 25-34

5.4% aged 15-24



The number of users aged 15-24 has decreased by 21% in the last 4 years.



The number of users aged 25-34 has decreased by 20% in the last 4 years.



The number of users aged 35-64 has increased by 58% in the last 4 years.

# Treatment in Middlesbrough

Estimated users in treatment:

**64%**

No Treatment:  
691

In Treatment:  
1,245



Total Naloxone/  
buprenorphine  
Prescriptions:

**14**

Naloxone  
Sub-Interventions in  
last 12 months:

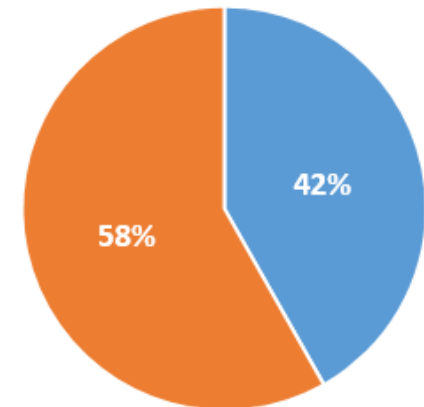
**11**



**11.4%** Currently  
Inject

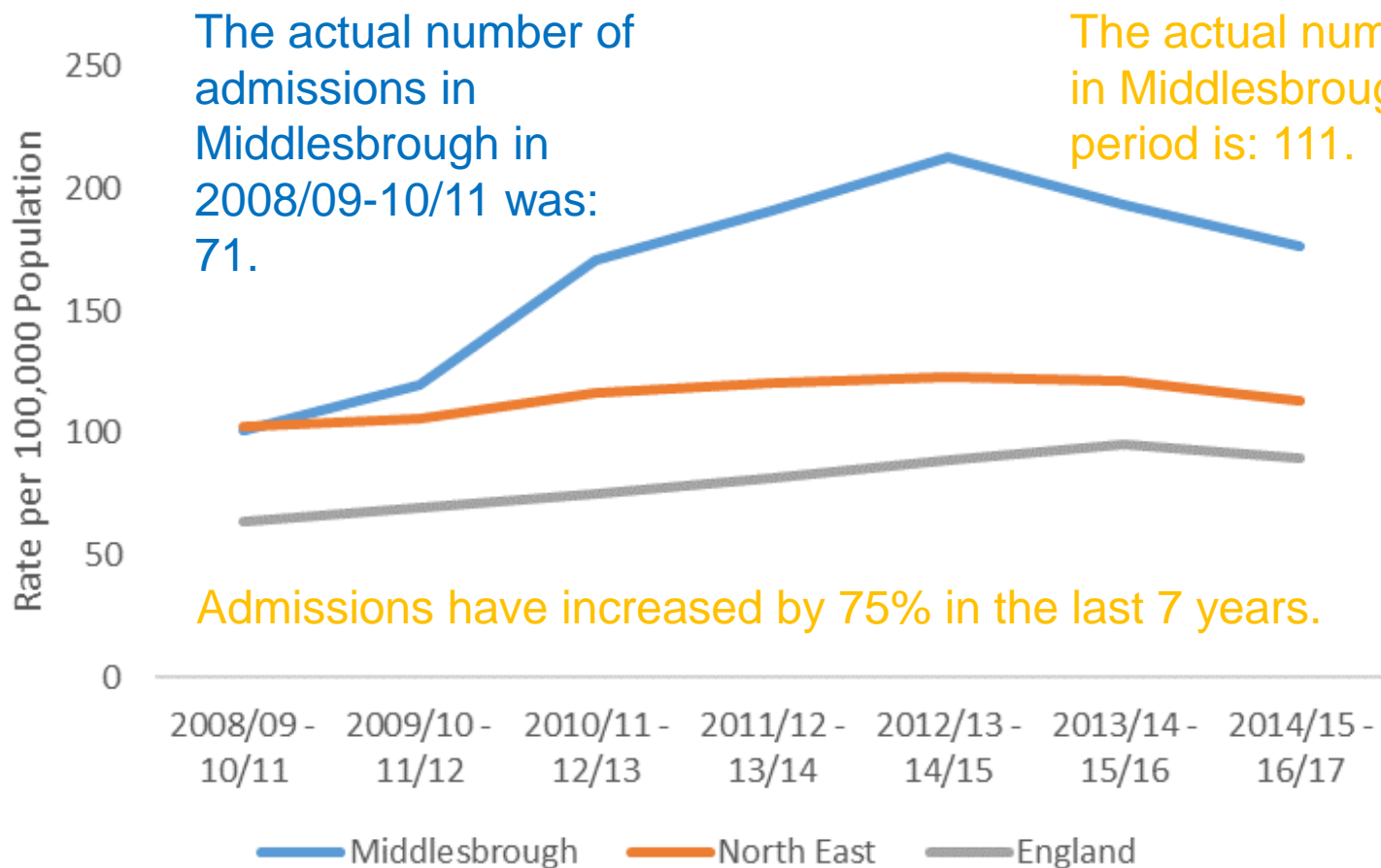
**15.5%** Previously  
Injected

Proportion of  
those in  
treatment for  
opiates vs  
non-opiates:



■ Non-Opiate ■ Opiate

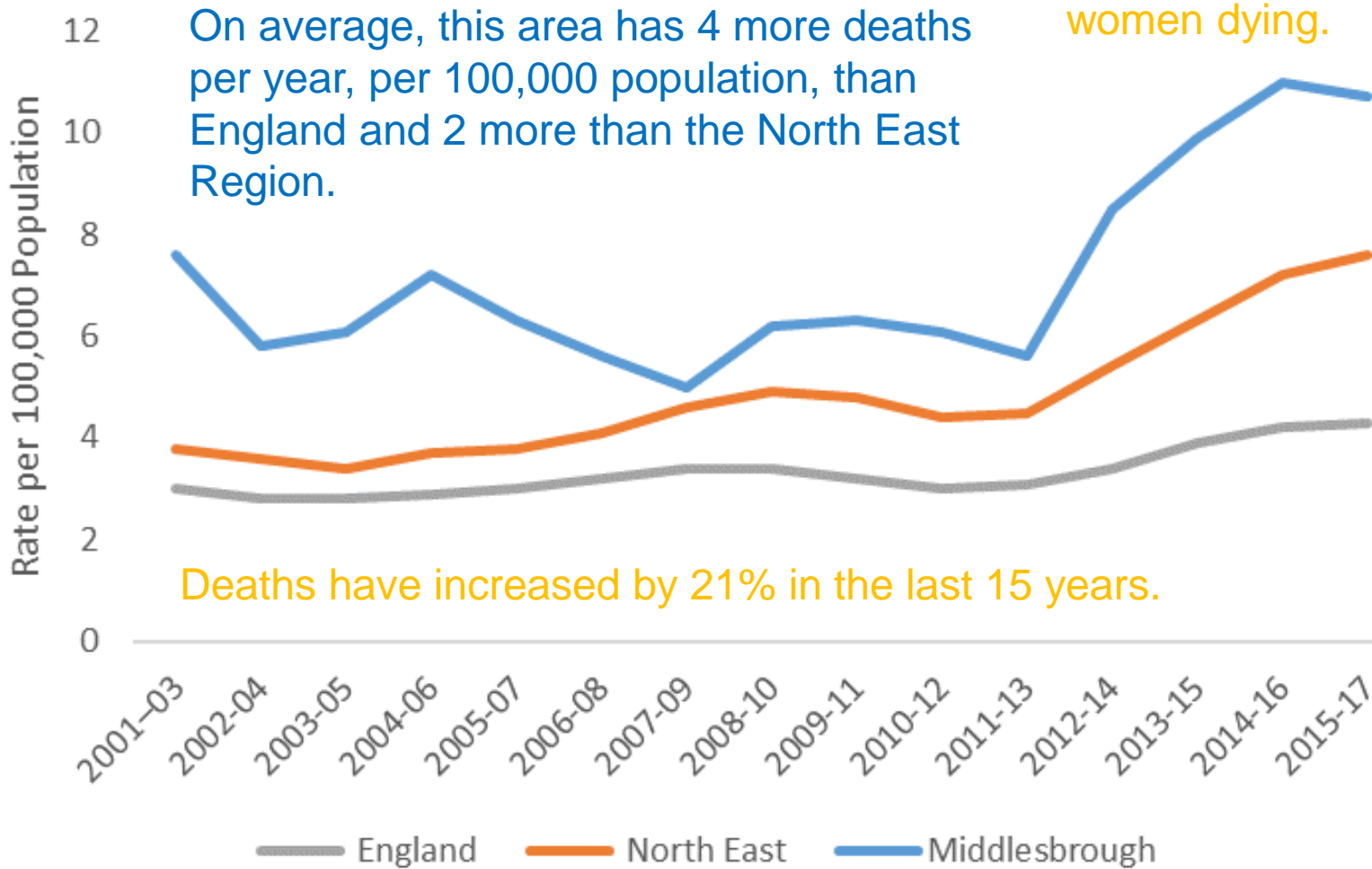
# Hospital Admissions for Substance Misuse (15 to 24 year olds)



On average, Middlesbrough has a rate of 86 more admissions per year, per 100,000 population, than England and 51 more than the North East Region.

# Deaths Due to Drug Misuse

The increase from 2012-14 onward is due to an increase in the number of women dying.



On average, this area has 4 more deaths per year, per 100,000 population, than England and 2 more than the North East Region.

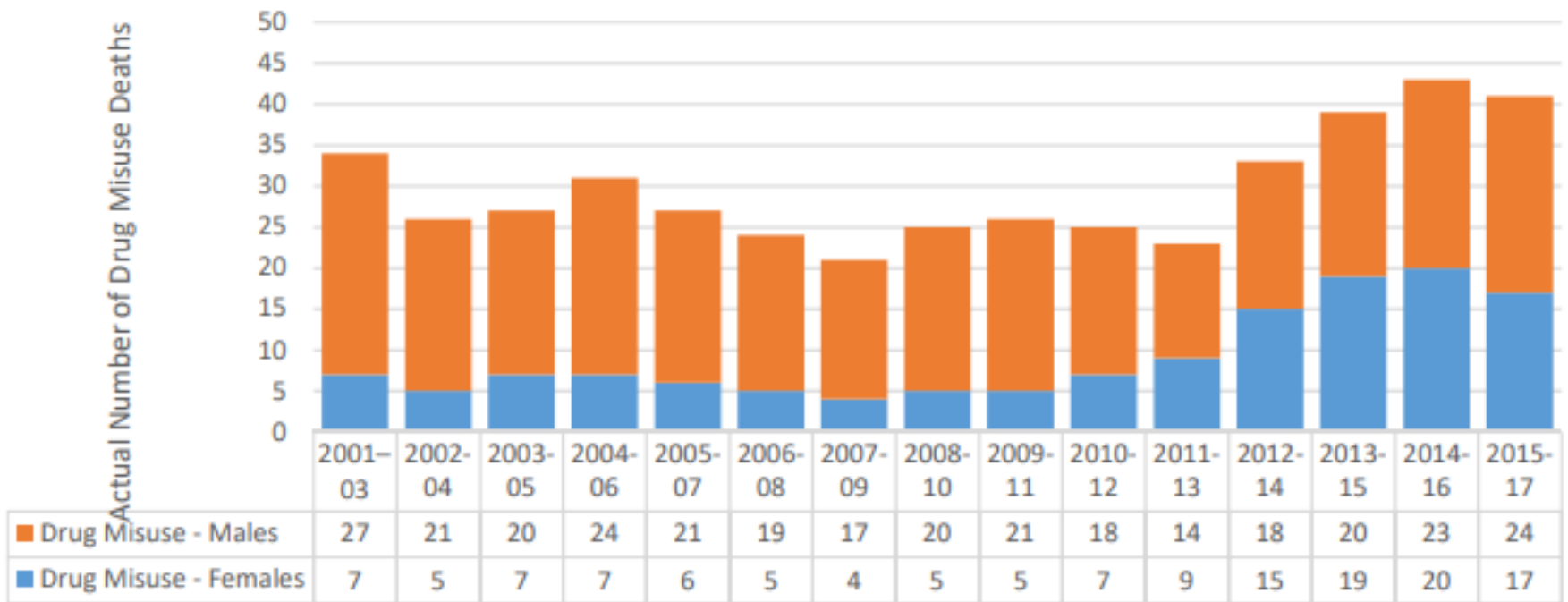
The actual number of deaths in this area in the latest period is: 41.

Deaths have increased by 21% in the last 15 years.

The actual number of deaths in the area in 2001/03 was: 34.



# Actual Deaths Related to Drug Misuse in Middlesbrough – Male and Female



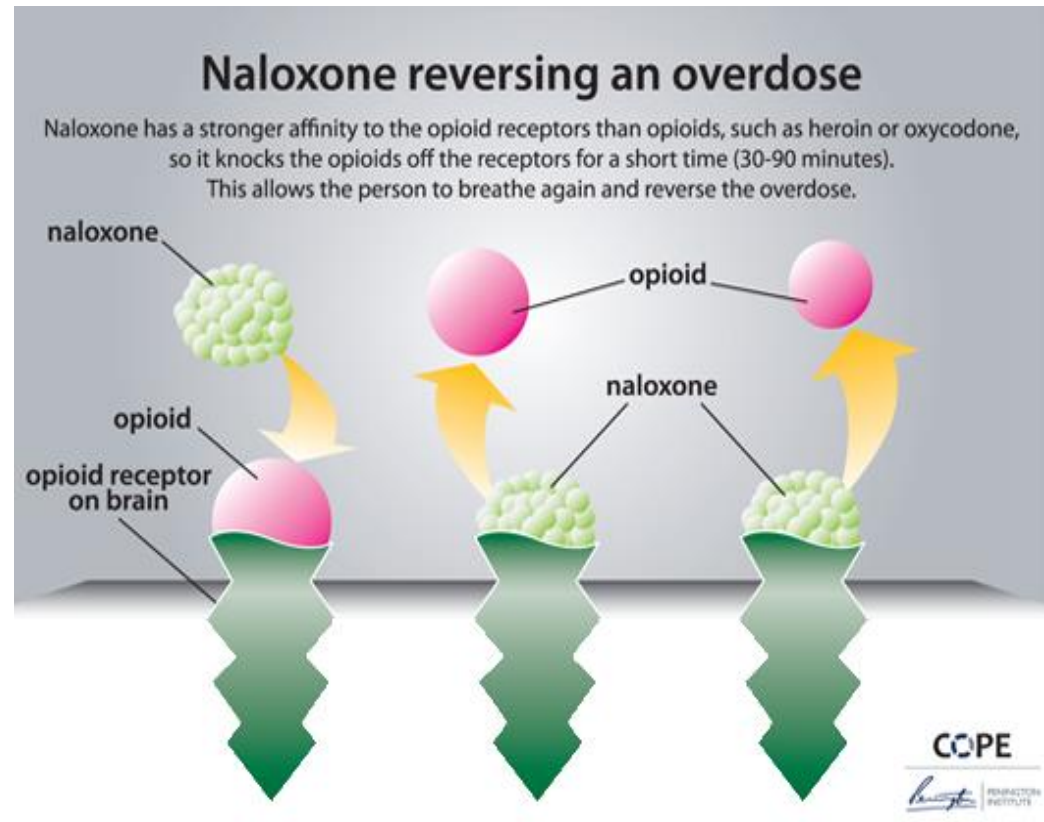
The increase in women dying from 2012-14 onward is highlighted above - between 2012 and 2016 it was similar to the number of men dying.

# The Benefits of Naloxone

Naloxone temporarily reverses the effects of opiate overdose – anyone can be trained to administer it.

It only works if a person has opioids in their system – no risk of diversion.

International evidence base proves its effectiveness – naloxone has saved countless lives.



# Middlesbrough's Naloxone Aims

To reduce deaths.

No overdoses in the area without a kit available.

Work in collaboration with all relevant partners.

Train everyone who is likely to come into contact with those at risk of overdose.

Flood the town with kits.

To maximise the additional benefits of our naloxone programme:

- Shorter hospital admissions;
- Awareness raising via +ve publicity;
- Be pioneers to inspire other areas.



# Naloxone Approach in Middlesbrough

## Phase One:

- Target those most at risk via all MRT services
- Include families/carers
- Train key partner organisations

## Phase Two:

- Ensure hospital is engaged
- Extend to wider partners
- Kits available in key locations
- Train as many people as possible

## Achievements so far:



- Over 1,200 kits distributed
- 24 partner agencies engaged
- 139 staff trained
- JCUH only the 2nd hospital providing take-home kits
- Lives saved

# Outcomes in Middlesbrough

Although impossible to quantify exact numbers, many lives have already been saved.

Case study examples:

1. Foundations
2. CGL
3. Community

Opioids kill.  
You can save a life.  
Get informed.  
Get equipped.  
Get naloxone.



Many more that we are unlikely to find out about...

# The Future of Middlesbrough's Programme

Target more key partner organisations and locations:

- Police
- First responders
- Transport hubs
- Shopping centres
- Fast food outlets
- Pharmacies
- Defibrilators



# Thank you.

Jonathan Bowden – Advanced Practitioner,  
South Tees Public Health

[jonathan\\_bowden@Middlesbrough.gov.uk](mailto:jonathan_bowden@Middlesbrough.gov.uk)