# Health Inequalities Briefing South Yorkshire and Bassetlaw STP

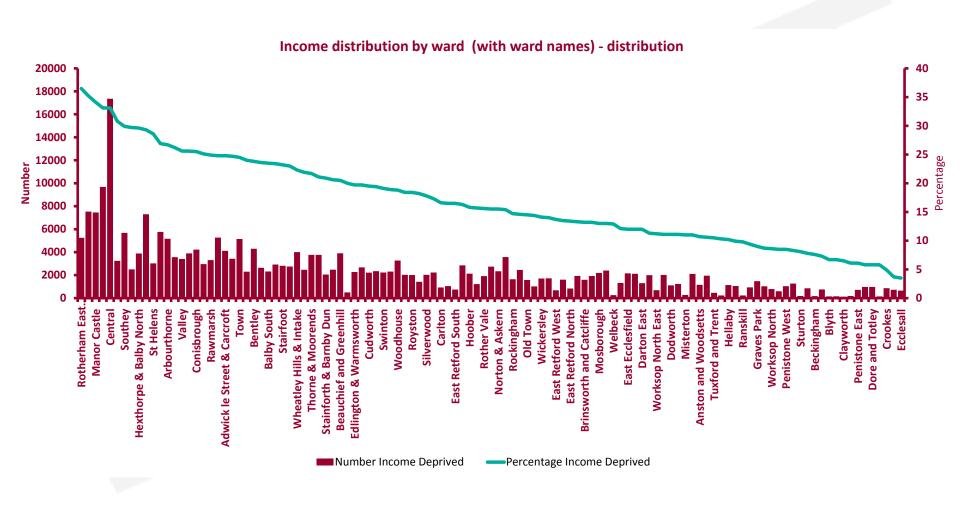
## What are health inequalities?

"Health inequalities are differences between people or groups due to social, geographical, biological or other factors. These differences have a huge impact, because they result in people who are worst off experiencing poorer health and shorter lives."

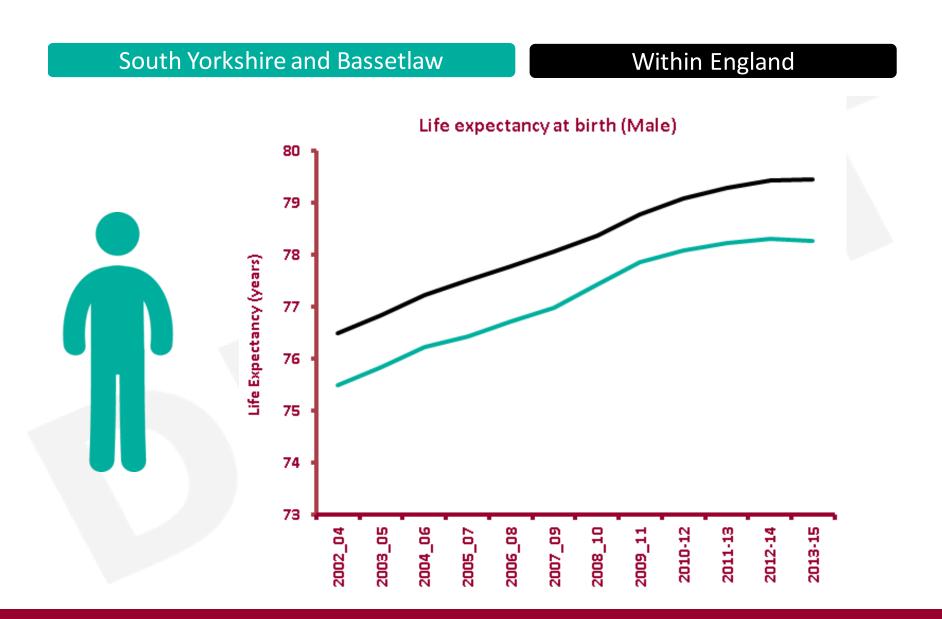
NICE

https://www.nice.org.uk/advice/lgb4/chapter/introduction

## Distribution of income deprivation across South Yorkshire and Bassetlaw

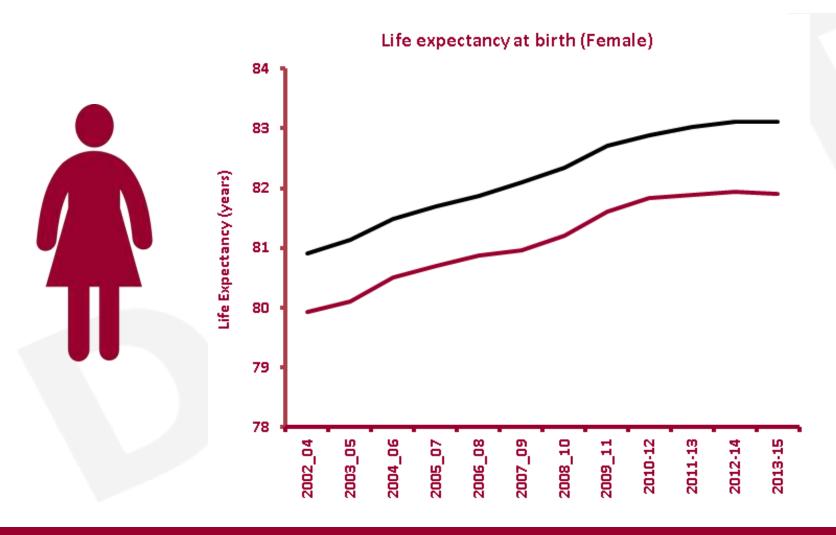


## Life expectancy in South Yorkshire and Bassetlaw (males)



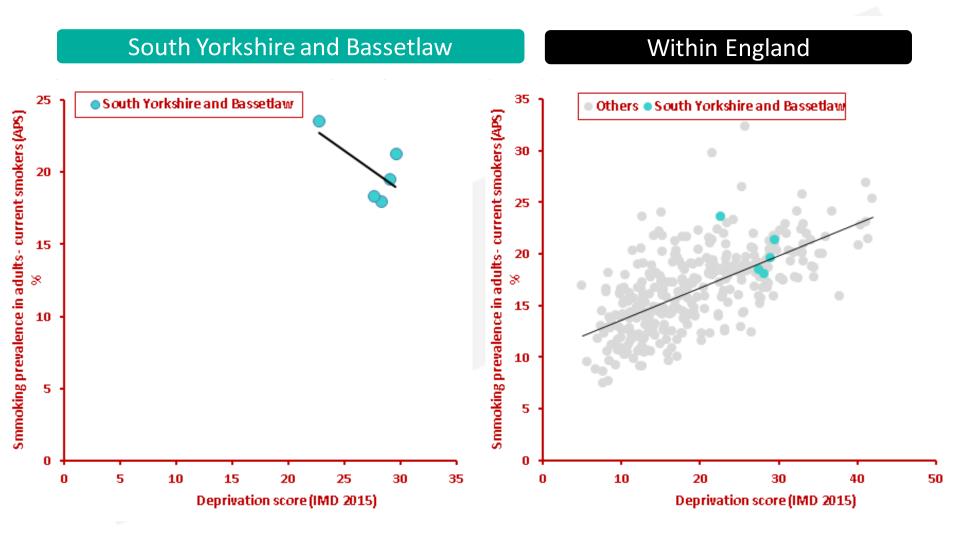
## Life expectancy in South Yorkshire and Bassetlaw (females)





#### Access to effective Incidence/ Modifiable Risk treatments and **Health Outcomes** prevalence of Factors early diagnosis disease The number of Screening • Disease specific Smoking, people Early diagnosis mortality Alcohol, Diet, diagnosed a Effective Premature deaths Physical disease treatment in an Life expectancy Activity · Self reported health appropriate Influenced by setting measures wider determinants

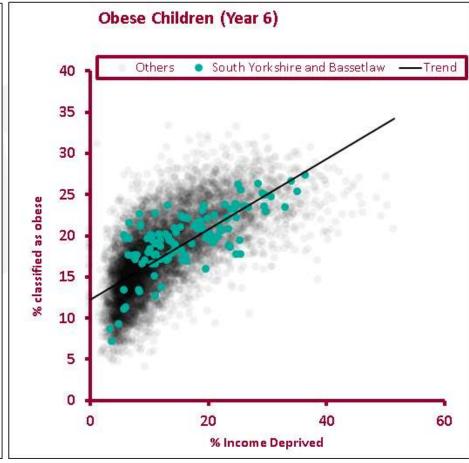
## **Smoking prevalence**



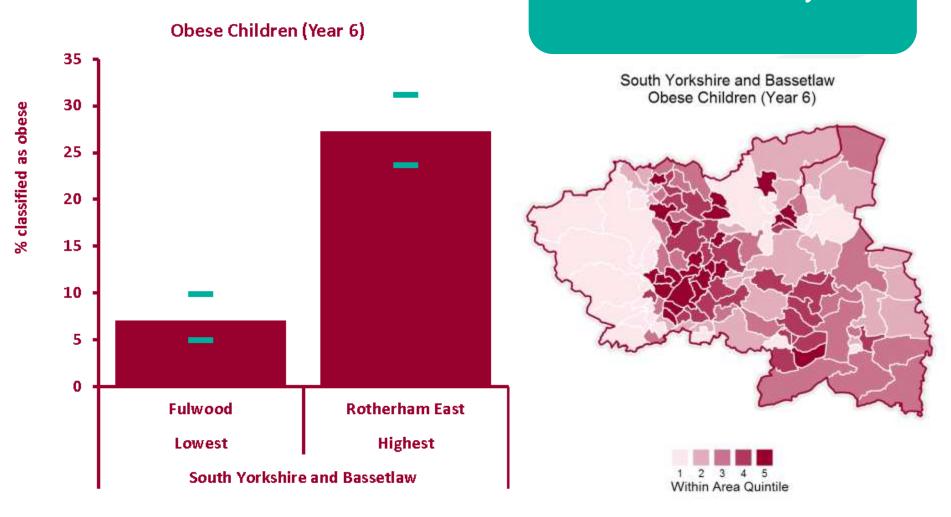
## Obese children (year 6)

### South Yorkshire and Bassetlaw

## Obese Children (Year 6) 30 South Yorkshire and Bassetlaw 25 % classified as obese 20 15 10 5 10 20 30 40 % Income Deprived



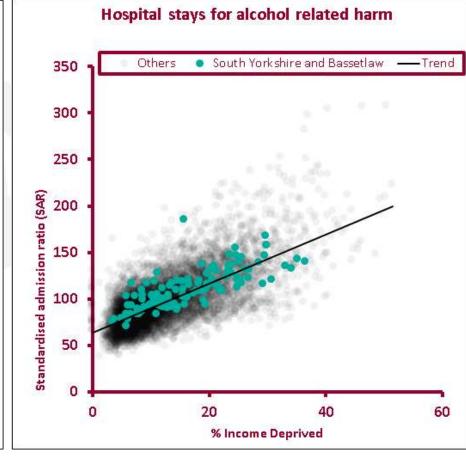
## Obese children – year 6



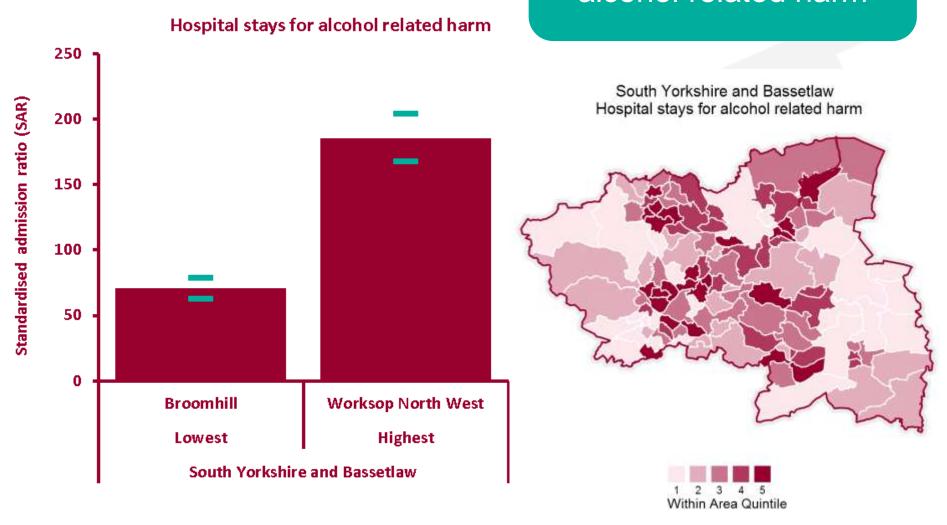
## Hospital stays for alcohol related harm

#### South Yorkshire and Bassetlaw

#### Hospital stays for alcohol related harm South Yorkshire and Bassetlaw -Trend Standardised admission ratio (SAR) % Income Deprived



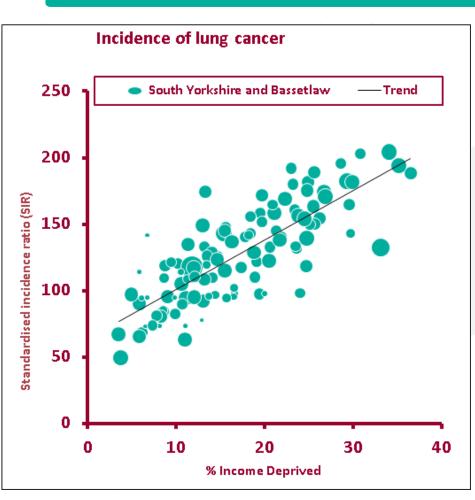
## Hospital stays for alcohol related harm

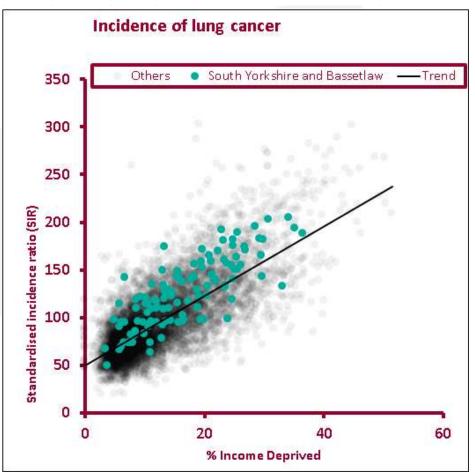


#### Access to effective Incidence/ Modifiable Risk treatments and **Health Outcomes** prevalence of Factors early diagnosis disease The number of Screening • Disease specific Smoking, people Early diagnosis mortality Alcohol, Diet, diagnosed a Effective Premature deaths Physical disease treatment in an Life expectancy Activity · Self reported health Influenced by appropriate setting measures wider determinants

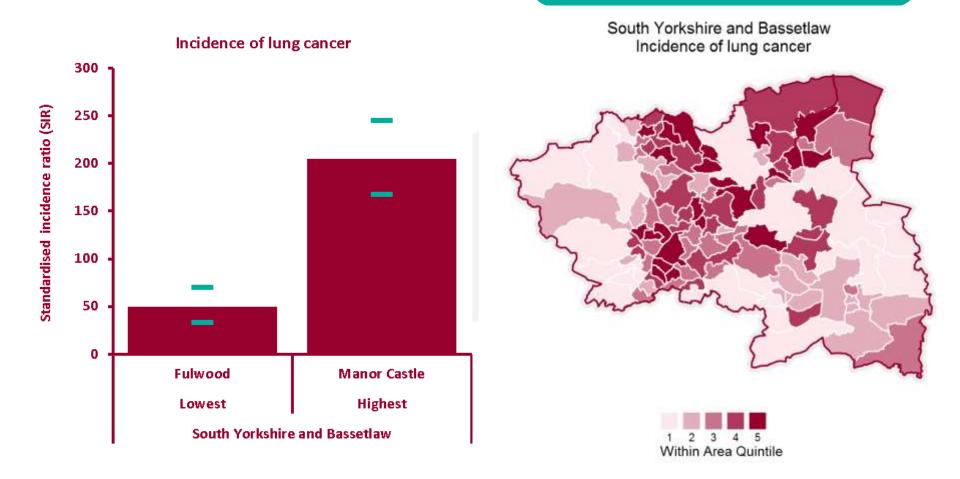
## Lung cancer incidence

#### South Yorkshire and Bassetlaw



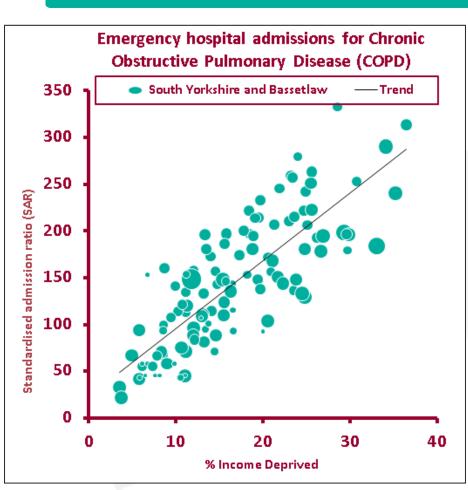


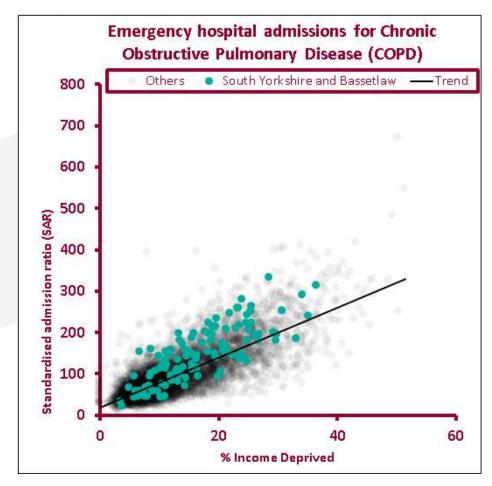
## Lung cancer incidence



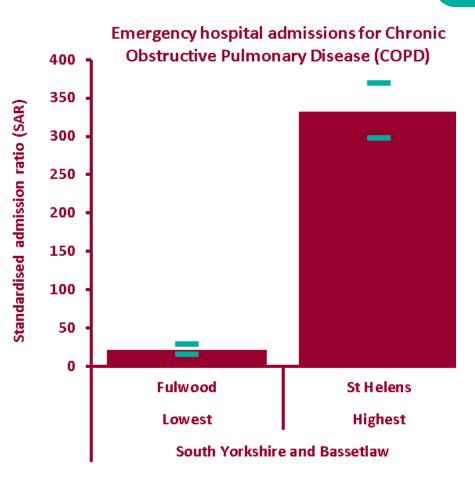
## **Emergency hospital admissions for COPD**

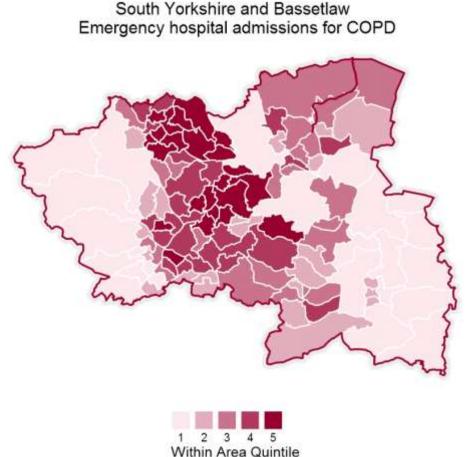
#### South Yorkshire and Bassetlaw





## Emergency hospital admissions for Chronic Obstructive Pulmonary Disease (COPD)





#### Modifiable Risk Factors

- Smoking, Alcohol, Diet, Physical Activity
- Influenced by wider determinants

#### Incidence / prevalence of disease

The number of people diagnosed a disease

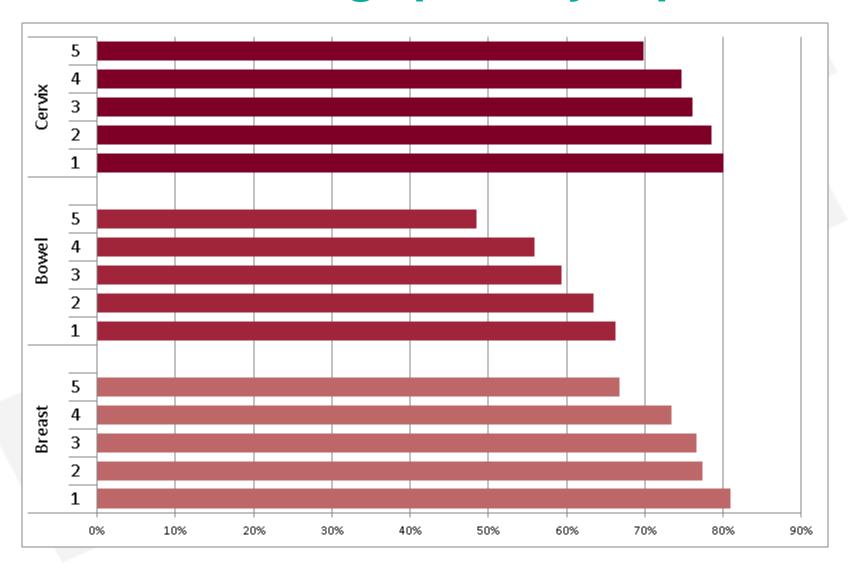
#### Access to effective treatments and early diagnosis

- Screening
- Early diagnosis
- Effective treatment in an appropriate setting

#### **Health Outcomes**

- Disease specific mortality
- Premature deaths
- Life expectancy
- Self reported health measures

## Cancer screening uptake by deprivation



## Route to cancer diagnosis\*

Breast	Screen detected				Emergency presentation		
% diagnosed by route		32%			5%		
1 year survival		<b>ŤŤŤŤŤ</b>	100%		53%		

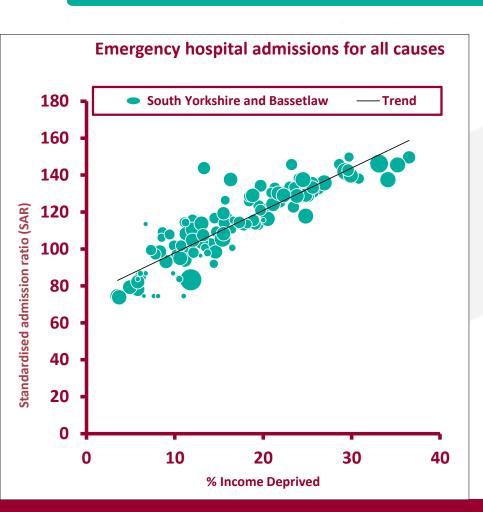
Colorectal	Screen detected	Emergency presentation		
% diagnosed by route	111%	24%		
1 year survival	97%	49%		

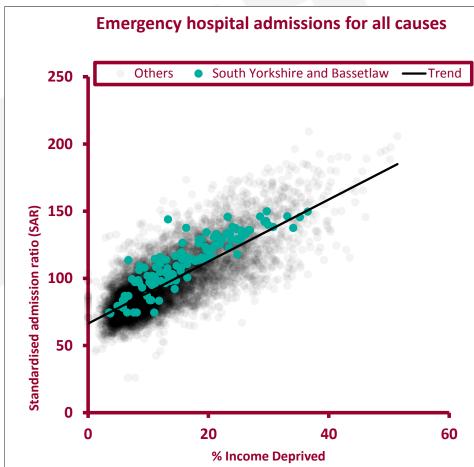
Lung	Two Week Wait			Emergency presentation			
% diagnosed by route		29%		37%			
1 year survival		MANANA	43%			13%	

<sup>\*</sup> Route to diagnosis Yorkshire and Humber level, survival England

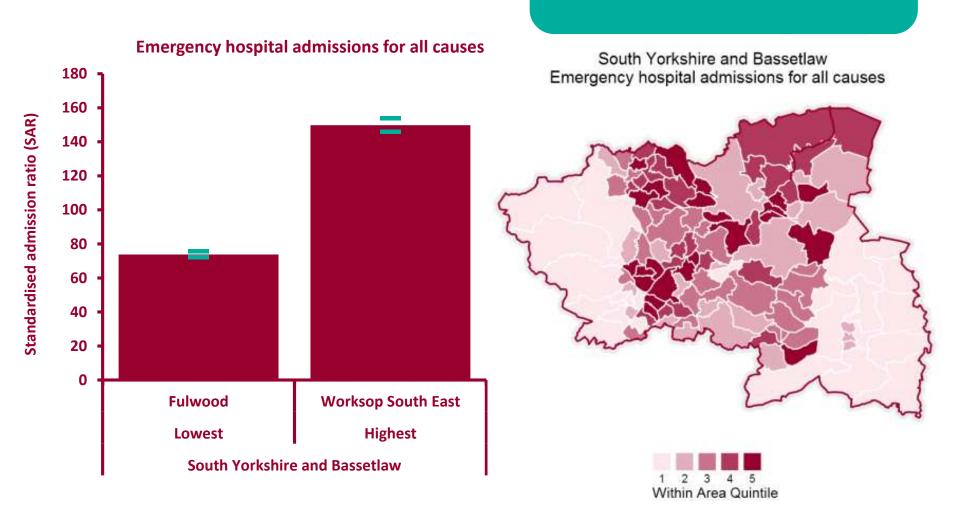
## Emergency hospital admissions all causes

#### South Yorkshire and Bassetlaw



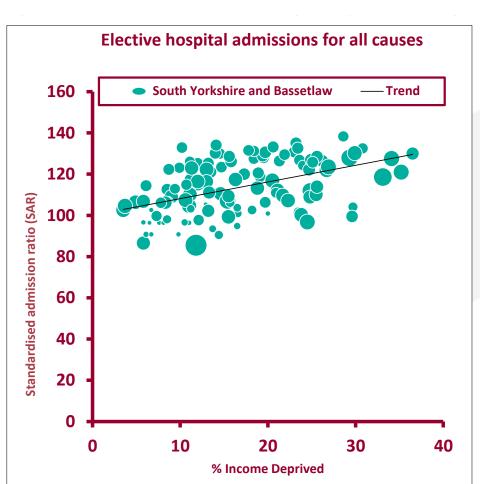


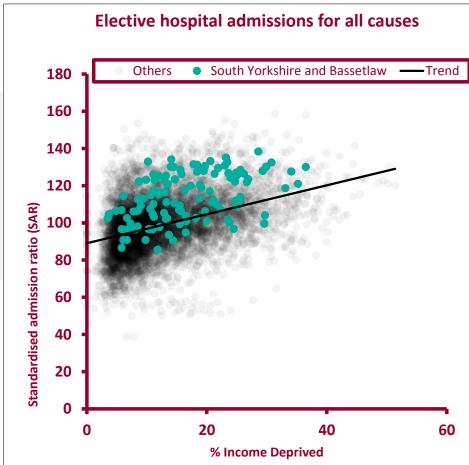
## Emergency hospital admissions all causes



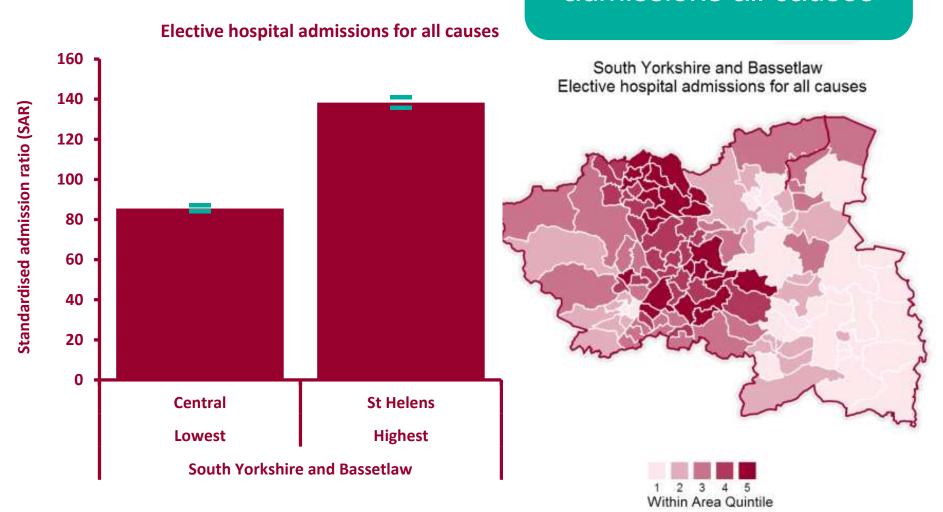
## Elective hospital admissions all causes

#### South Yorkshire and Bassetlaw





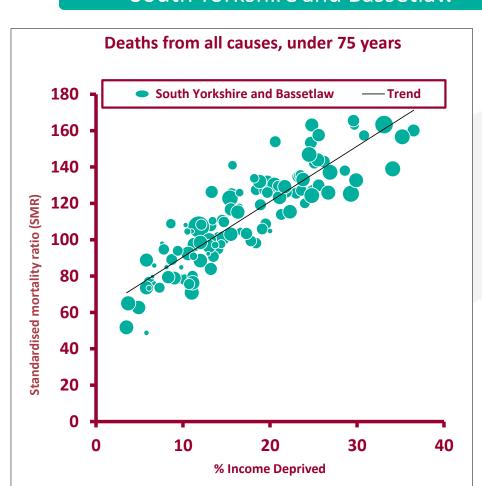
## Elective hospital admissions all causes

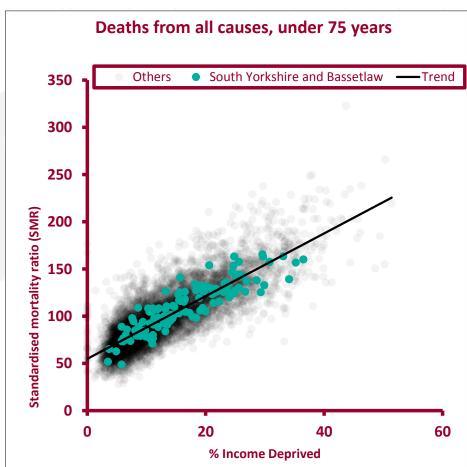


#### Access to effective Incidence/ Modifiable Risk **Health Outcomes** prevalence of treatments and Factors early diagnosis disease The number of Screening Disease specific Smoking, people Early diagnosis mortality Alcohol, Diet, diagnosed a Effective Premature deaths Physical disease treatment in an Life expectancy Activity · Self reported health appropriate Influenced by setting measures wider determinants

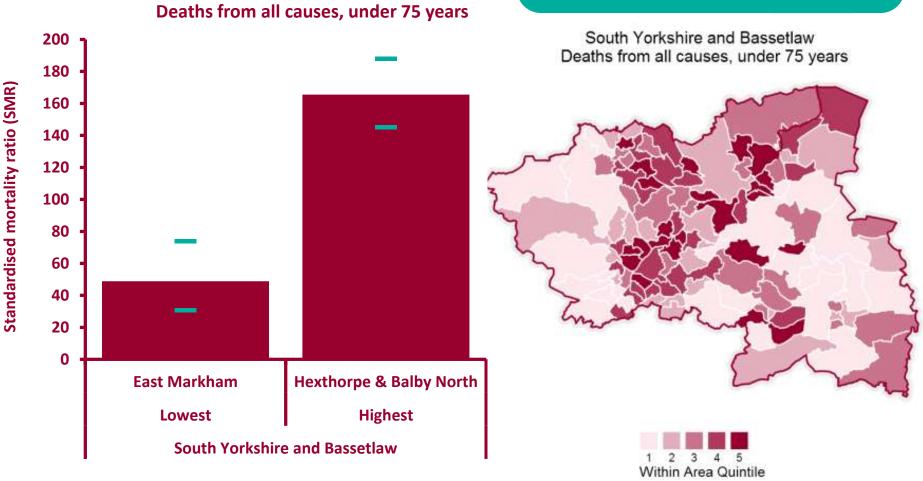
## Premature mortality for South Yorkshire and Bassetlaw wards by % income deprivation

#### South Yorkshire and Bassetlaw



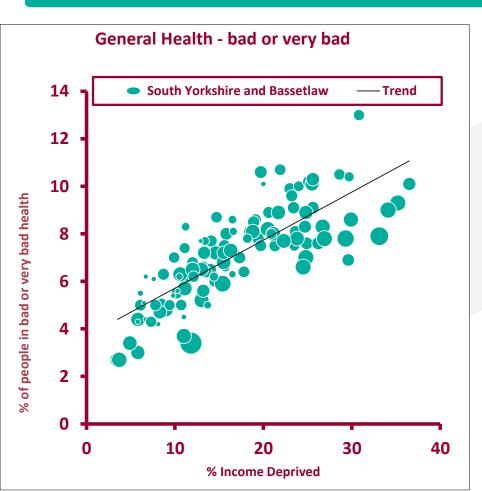


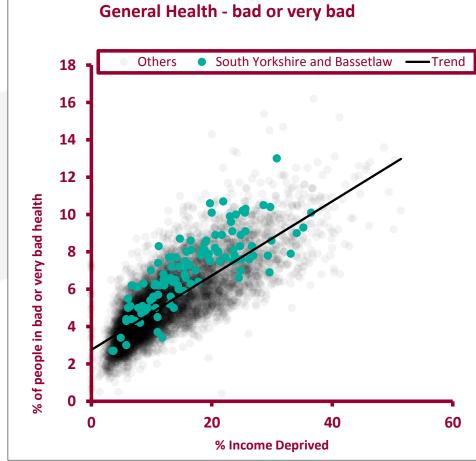
## Premature mortality – Deaths from all causes, under 75 years



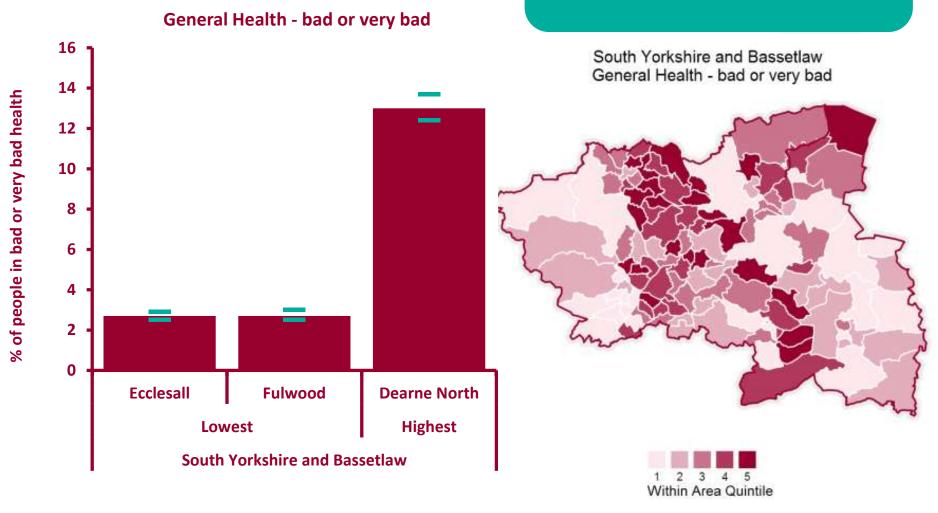
## Self-reported general health – bad or very bad

#### South Yorkshire and Bassetlaw





## Self reported general health bad or very bad



## Health inequalities within South Yorkshire & Bassetlaw

Some indicators show a particularly strong association with income deprivation

Based on this association, we have selected a few indicators to discuss, where the observed variation seems to have a strong relationship with income deprivation

Deaths from all causes, under 65 years

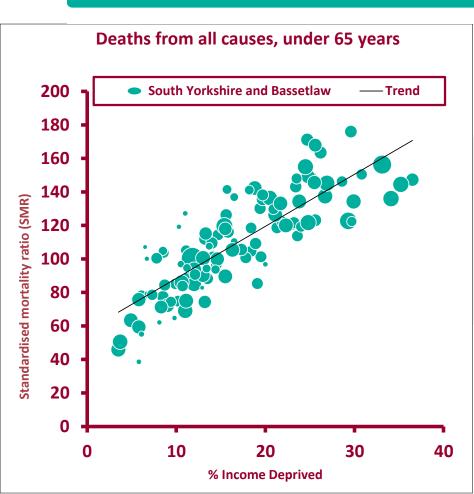
Deaths from circulatory disease, under 75 years

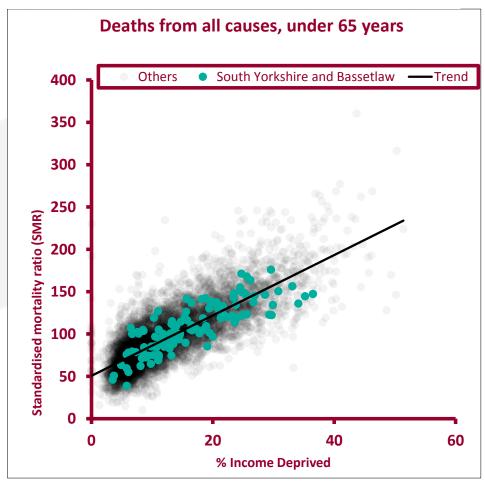
General health very bad

Deaths from CHD, under 75 years

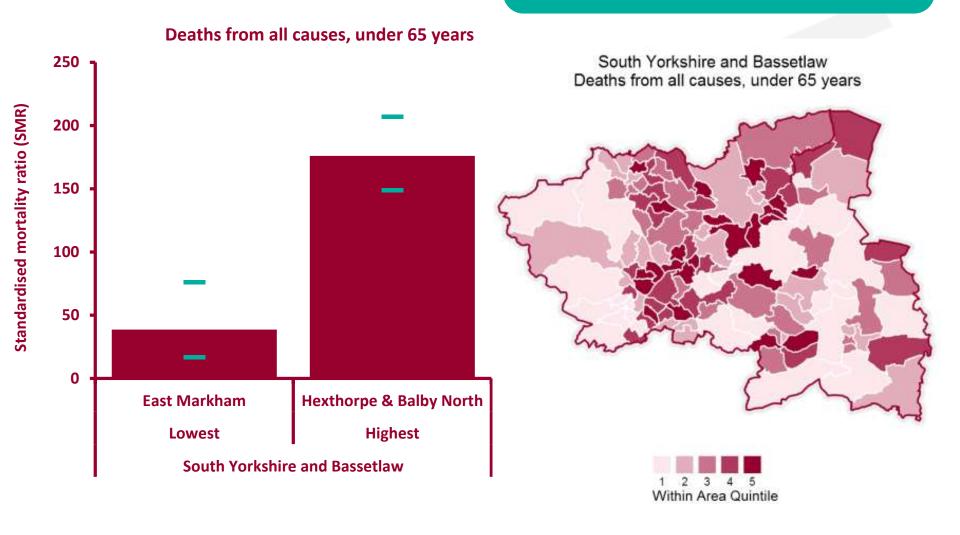
## Deaths from all causes, under 65 years

#### South Yorkshire and Bassetlaw





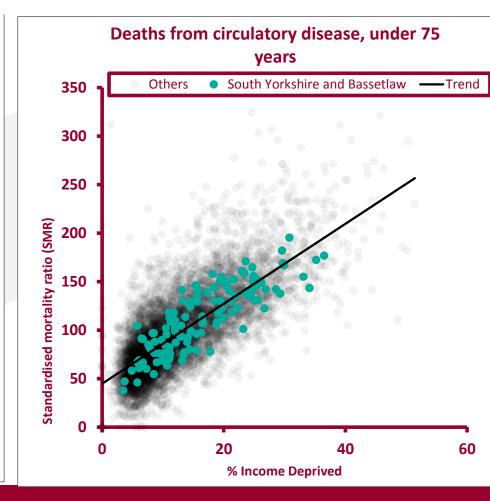
## Deaths from all causes, under 65 years



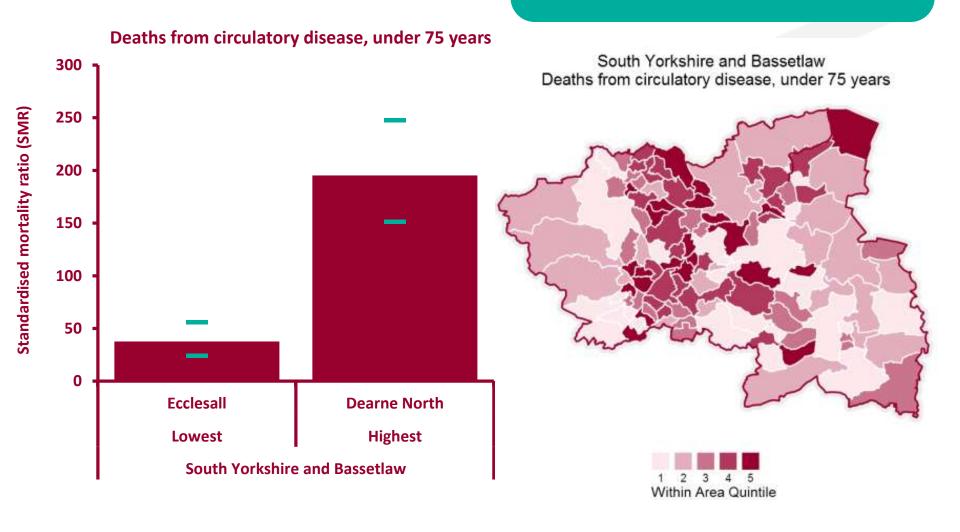
## Deaths from circulatory disease, under 75 years

#### South Yorkshire and Bassetlaw

## Deaths from circulatory disease, under 75 years **250** South Yorkshire and Bassetlaw ---Trend 200 Standardised mortality ratio (SMR) **L50** 100 **50** 0 10 20 30 40 % Income Deprived

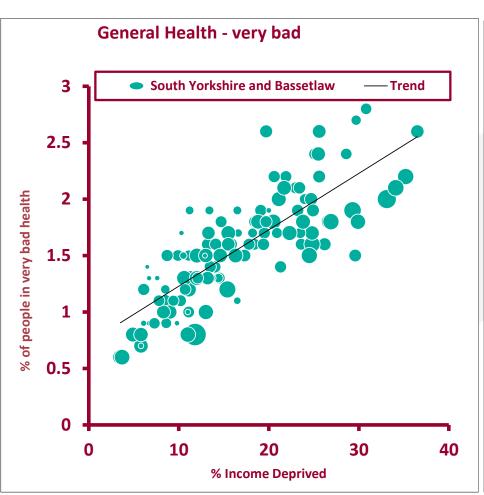


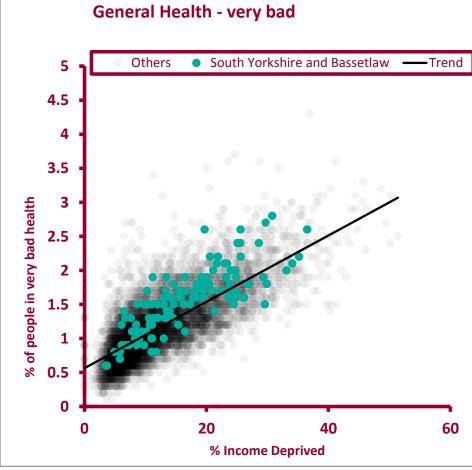
## Deaths from circulatory disease, under 75 years



## **General Health - very bad**

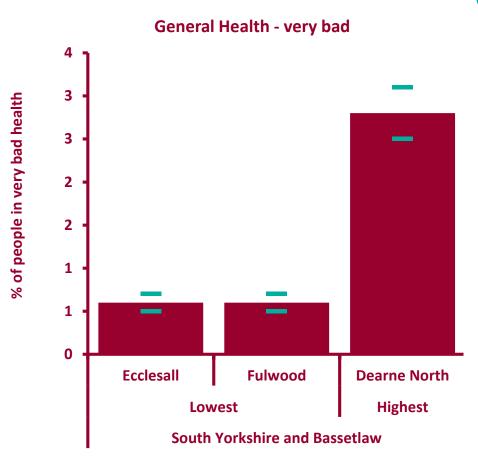
### South Yorkshire and Bassetlaw

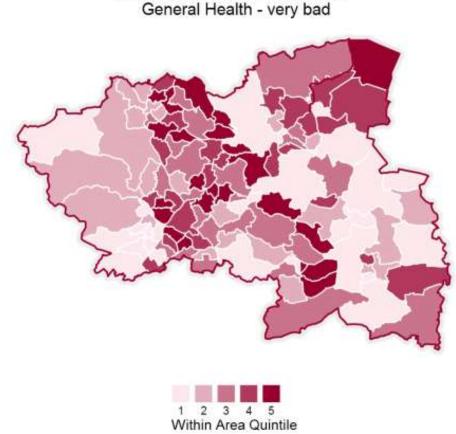




## General Health - very bad

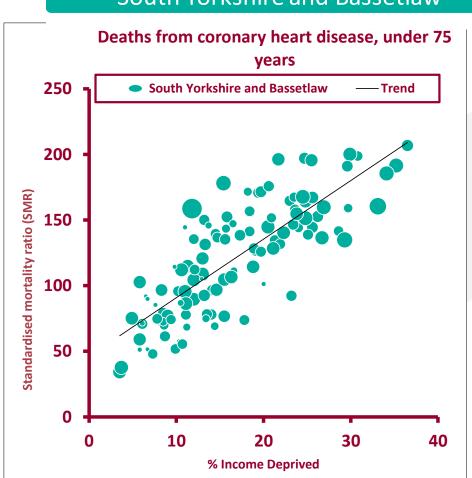
South Yorkshire and Bassetlaw

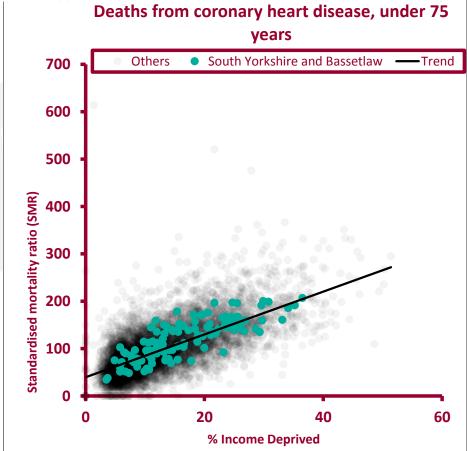




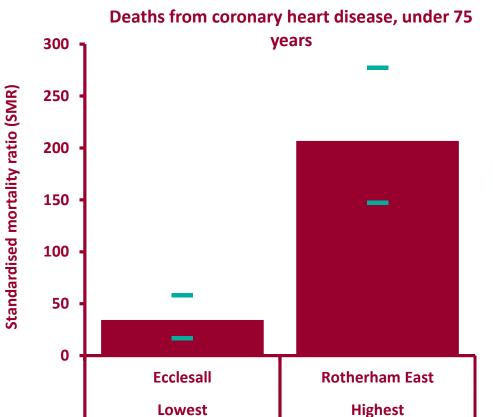
## Deaths from coronary heart disease, under 75 years





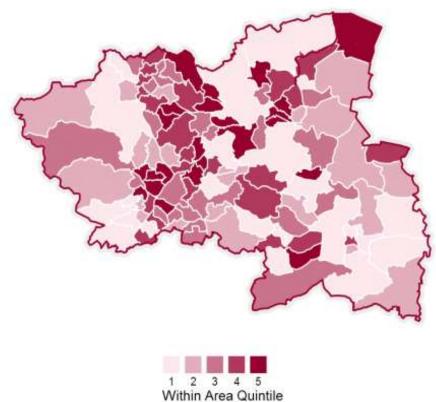


## Deaths from coronary heart disease, under 75 years



**South Yorkshire and Bassetlaw** 

South Yorkshire and Bassetlaw Deaths from coronary heart disease, under 75 years



## **All icons**

Icons made by Freepik from www.flaticon.com



