

# Derbyshire Joint Strategic Needs Assessment

## Summary Report

Population Health Needs and Health Inequalities

Produced: 13/12/2023  
V1.4

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This report provides an overview of Derbyshire County in regard to key health and determinant indicators. It is structured using the ONS Health Index Domains; Healthy People, Healthy Lives and Healthy Places.

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The majority of data used in this document was sourced from:  
Office for Health Improvement and Disparities. Public health profiles.  
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**Please note that the time periods used to present the latest data and the trend data for some indicators may differ. The Office for National Statistics (ONS) is currently reconciling and rebasing the mid-year population estimates (MYE) after Census 2021. Consequently, for some indicators the latest data employs the population data from Census 2021, whereas the trend data utilises unrevised population estimates and should not be used for comparisons with the latest data.**

# ONS Health Index

The Office for National Statistics (ONS) Health Index is an experimental statistical measure providing a broad definition of health. It summarises a range of indicators into a single statistic that can be used to monitor health over time and across geographical areas. While this report does not contain this single measure it does use the domains of ONS Health Index to structure its indicators.

The Health index has three domains:

The **Healthy People** domain includes Health Outcomes indicators, including mortality, and the impact of physical and mental health conditions.

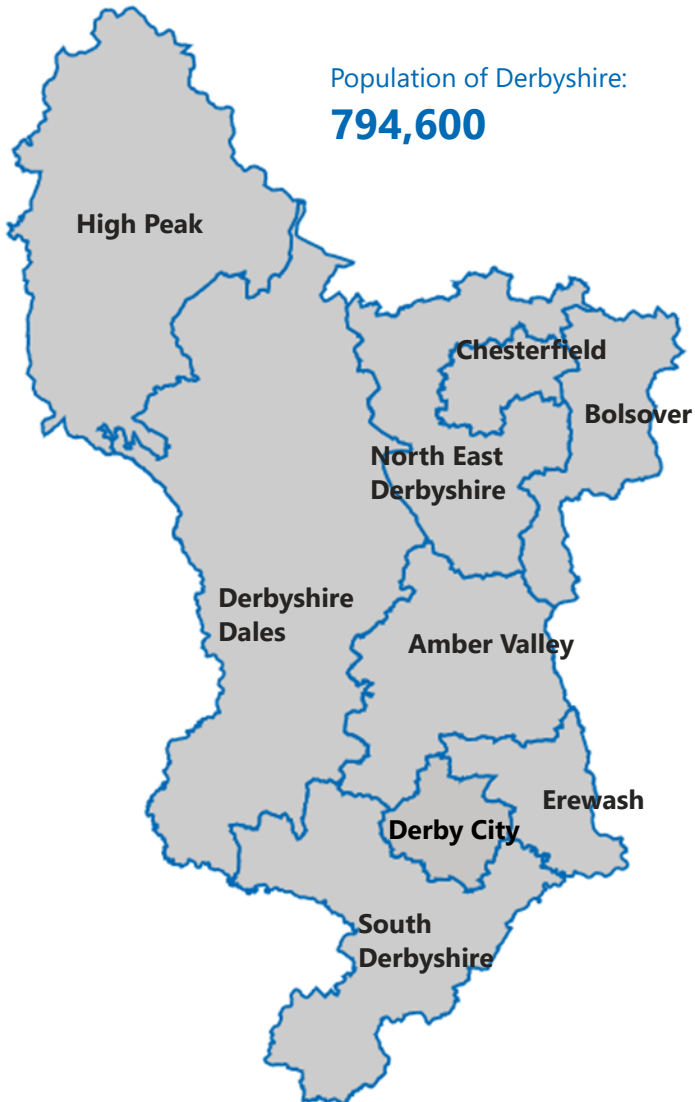
The **Healthy Lives** domain includes indicators on risk factors for health that relate directly to individuals.

The **Healthy Places** domain includes indicators on social risk factors for health that affect the population at a collective and environmental level.



# Population

Demographics



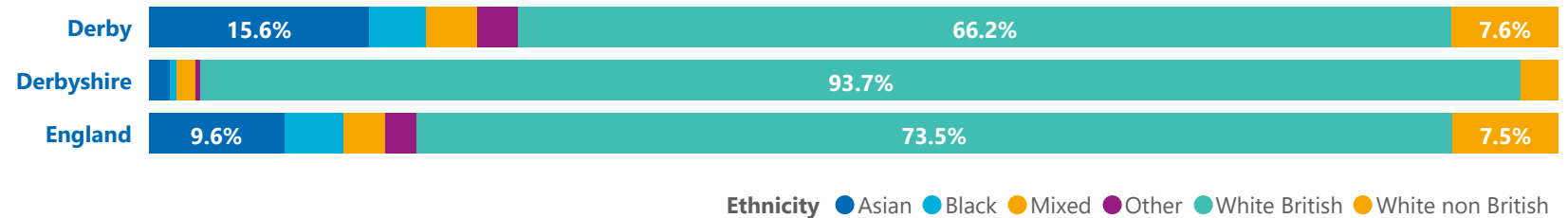
As an Integrated Care System (ICS), Joined Up Care Derbyshire (JUCD) comprises of 2 upper tier local authority areas Derby City and Derbyshire County. Within Derbyshire there are 8 Lower Tier Local Authorities (Amber Valley, Bolsover, Chesterfield Derbyshire Dales, Erewash, High Peak, North East Derbyshire and South Derbyshire). These areas are varied in the population, health outcomes, health and wellbeing and their care needs.

Latest 2021 census data estimates Derbyshire County has an estimated population of 794,600.

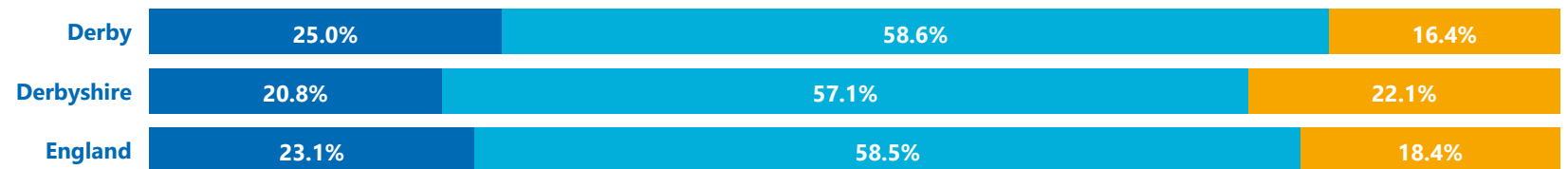
The geography across Derbyshire is varied, there are 312 usual residents per square kilometre (Ranging from 90 in rural Derbyshire Dales to 1,569 in Chesterfield (Census 2021).

Derbyshire is predominantly White British (93.7%), whereas Derby City is more ethnically diverse (66.2% White British).

## Population by ethnicity



## Population by age group



**Age Group** ● 0-20yrs ● 21-64yrs ● 65yr+

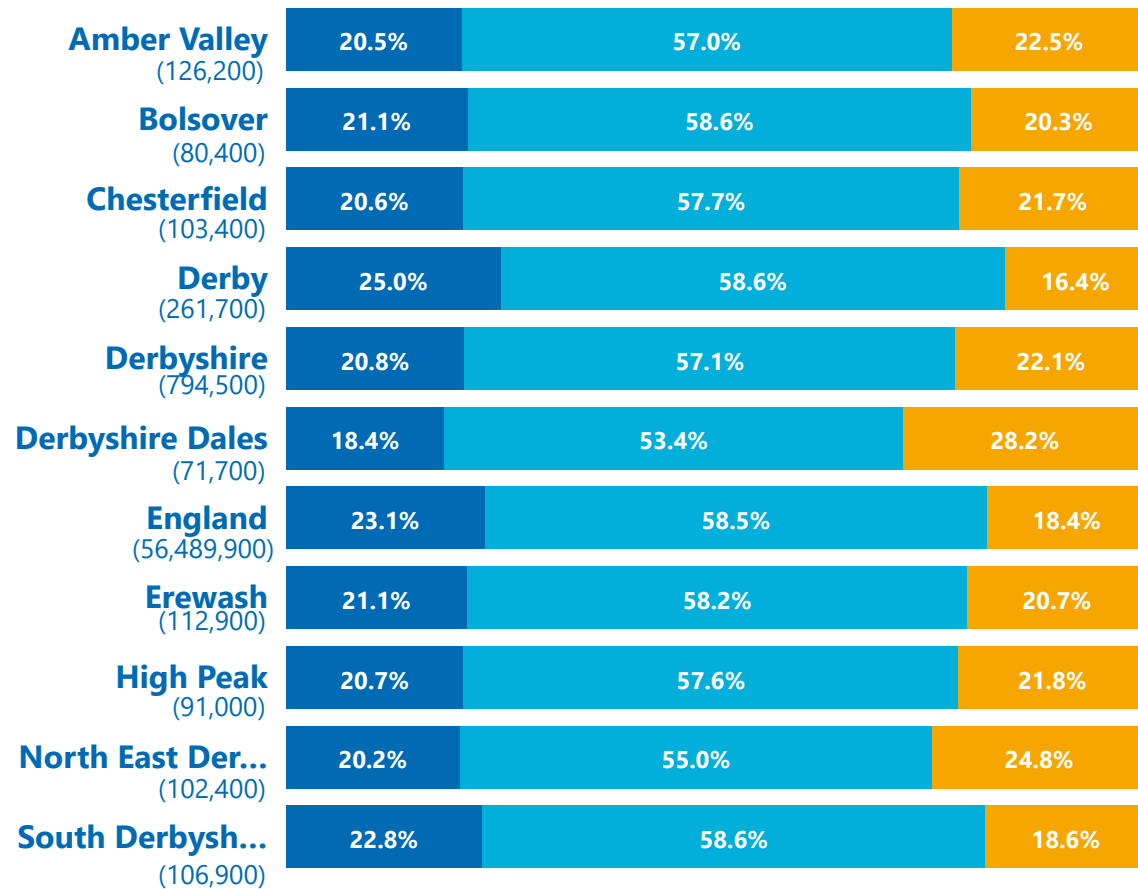
Source: Census 2021

# Population

## Demographics

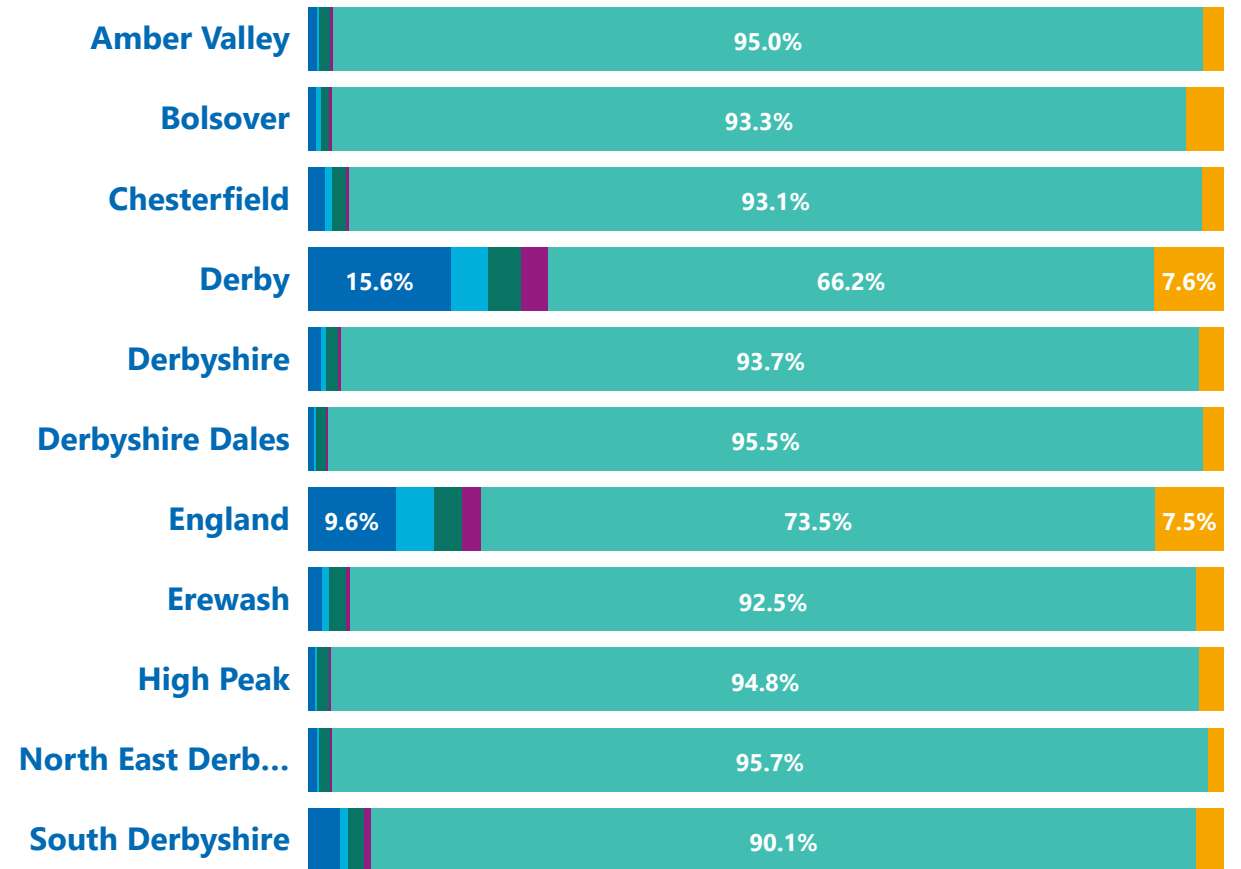
Derbyshire has a higher proportion of older people and a smaller proportion of younger people than England. The latest 2021 census reports that 22.1% of the Derbyshire population are aged over 65yrs compared to 18.4% in England. 20.8% of Derbyshire population are aged under 20 years, compared to 25.0% in Derby and 23.1% in England. Derbyshire is predominantly white (93.7%).

Population by age group



Age Group ● 0-20yrs ● 21-64yrs ● 65yr+

Population by ethnicity



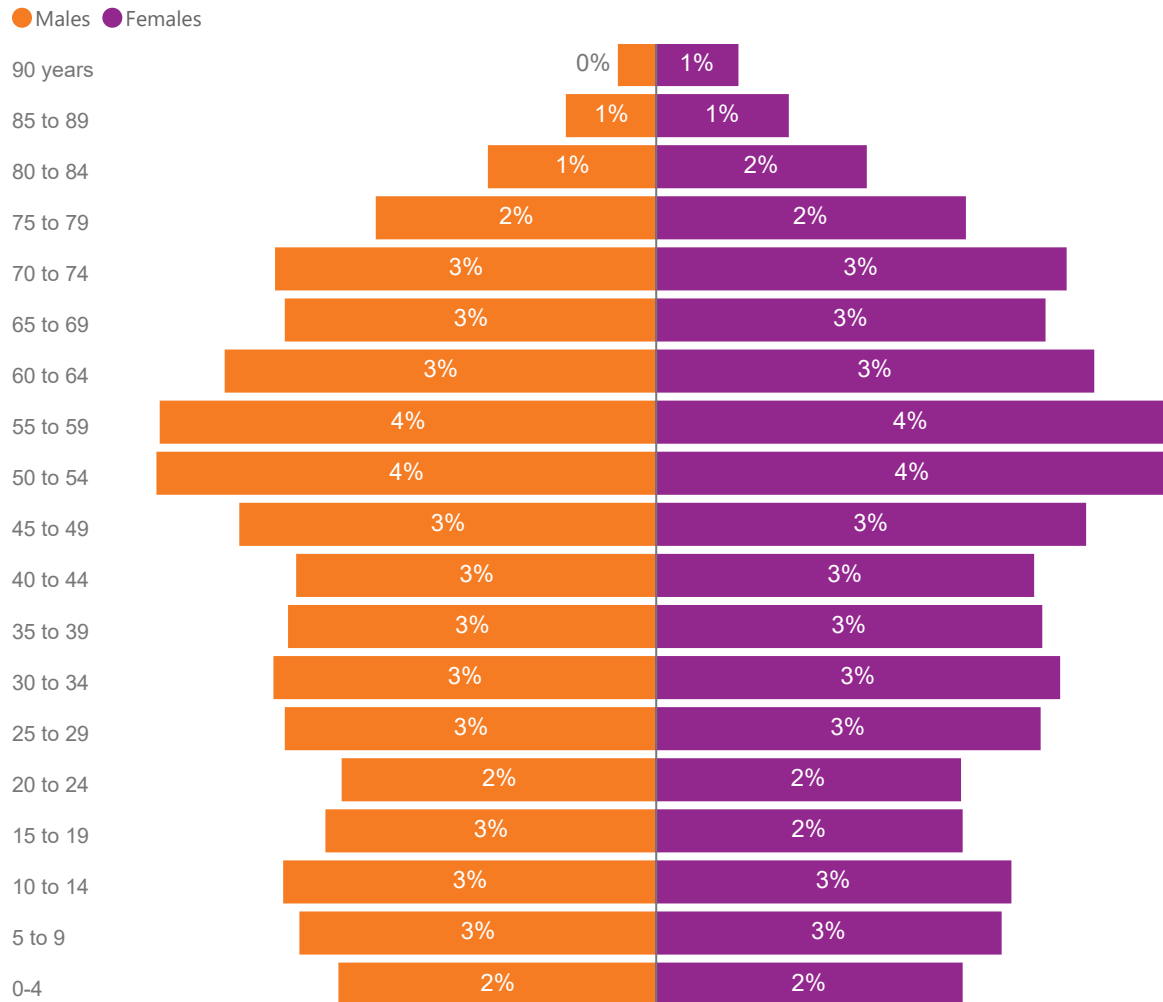
Ethnicity ● Asian ● Black ● Mixed ● Other ● White British ● White non British

# Population

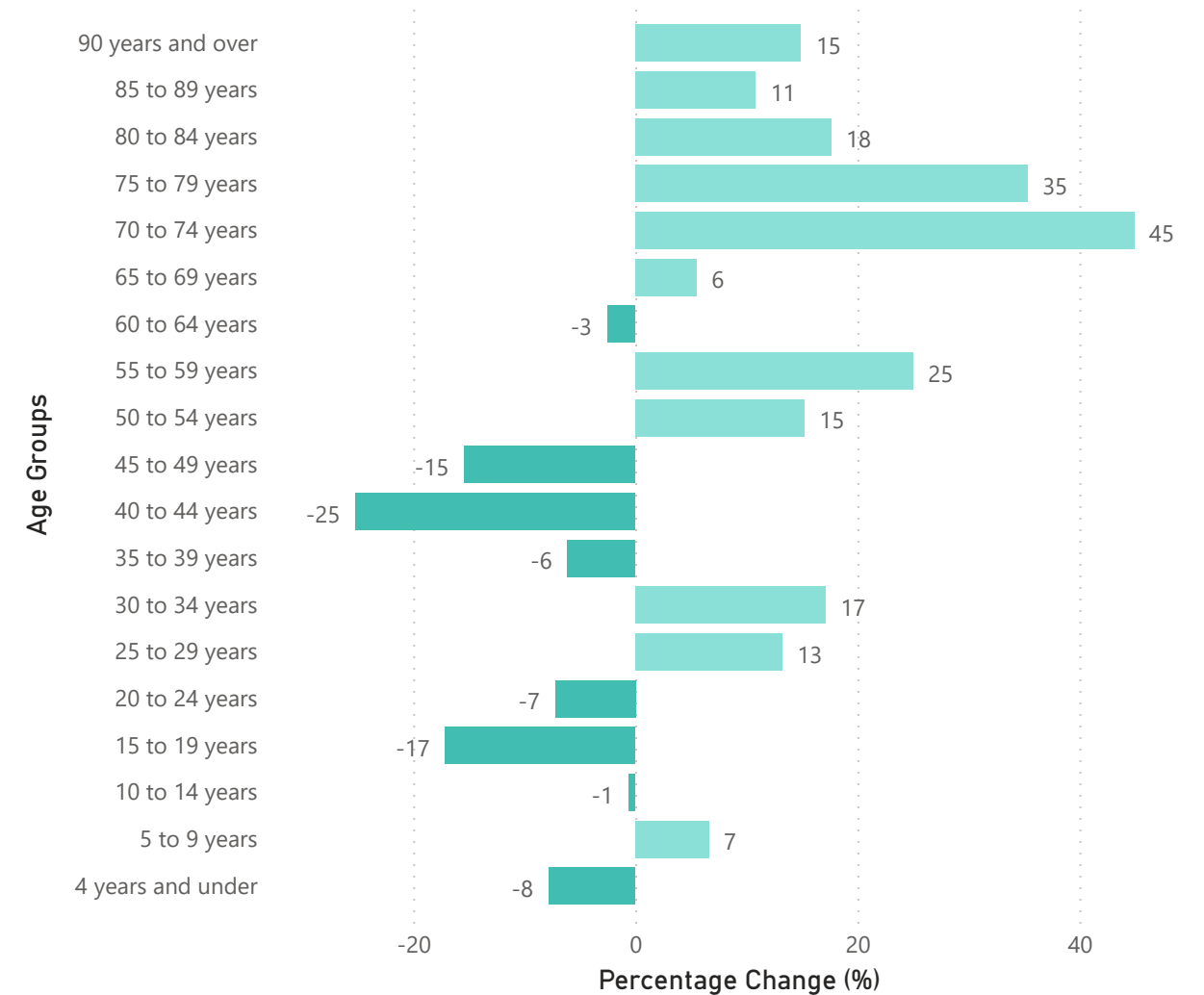
## Demographics

The latest 2021 census reports that 22.1% of the Derbyshire population are aged over 65 years compared to 18.4% in England. 20.8% of Derbyshire population are aged under 20 years, compared to 25.0% in Derby and 23.1% in England. Since the 2011 census in Derbyshire there has been an increase of 22.9% in people aged 65 years and over, a decrease of 1.4% in people aged 15 to 64 years, and a decrease of 0.7% in children aged under 15 years.

Population Pyramid of Derbyshire (Census 2021)



Population change (%) by age group in Derbyshire, 2011 to 2021



# Deprivation - Derbyshire

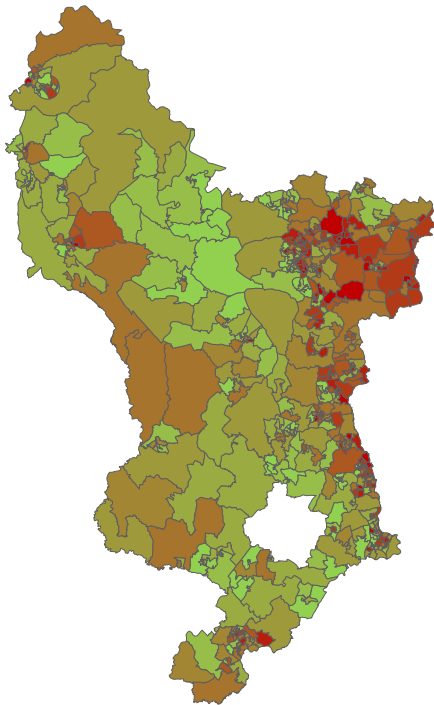
Demographics

There is a strong relationship between deprivation and Health outcomes. People living in the most deprived areas experience increased health inequalities; die younger, and live more years with long term conditions and disabilities. They are more likely to use health services at an earlier age, increasing the demand for health and social care for a longer period. These health inequalities are likely to be driven by factors outside of the NHS and Social Care.

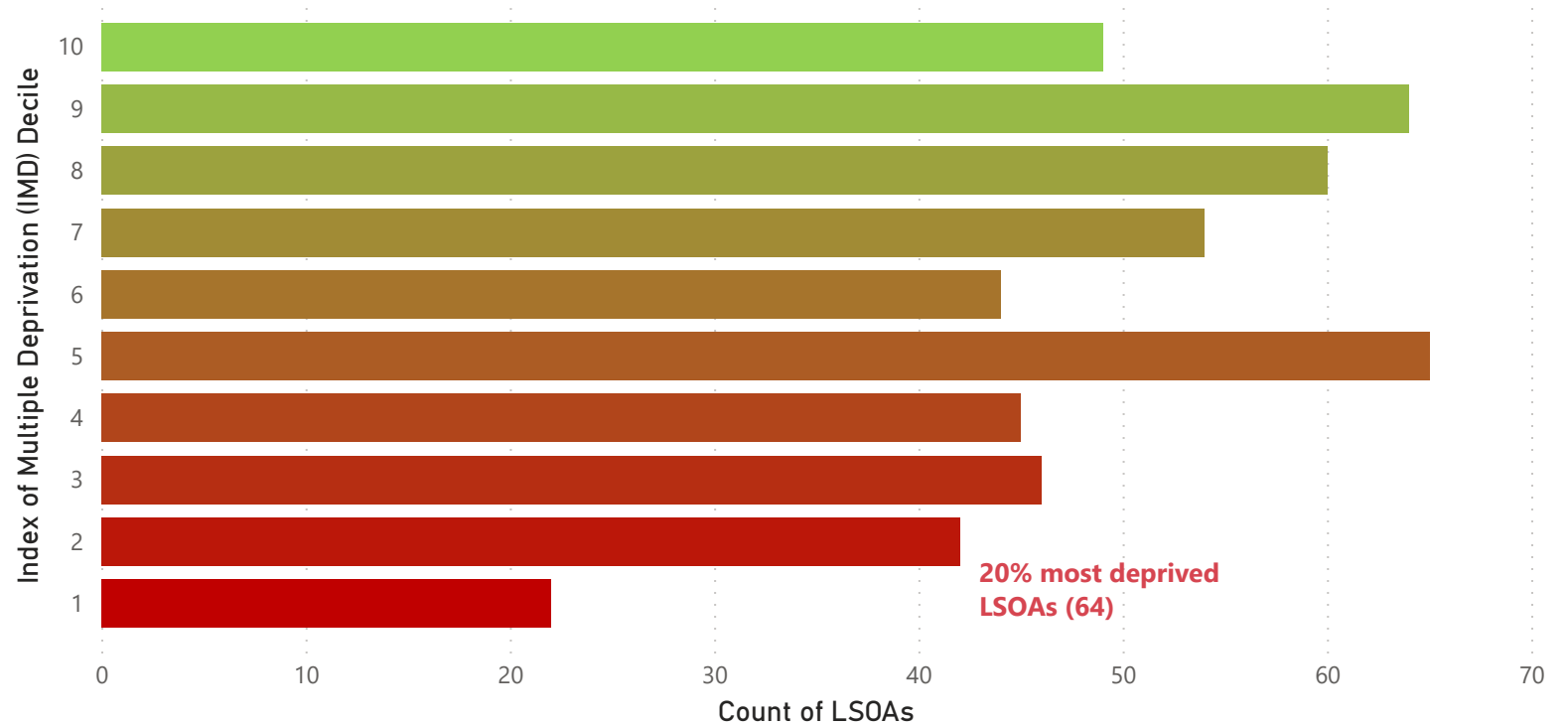
The 2019 Index of Multiple Deprivation (IMD2019) is an overall measure of deprivation based on a range of indicators. The measure is calculated for every Lower Super Output Area (LSOA) in England, each LSOA is given a score and then ranked according to their level of deprivation. LSOAs can then be divided into ten groups of equal frequency (deciles), ranging from the 10% most deprived (decile 1) to the 10% least deprived (decile 10).

There are 491 LSOAs in Derbyshire, 64 (13%) fall within the 20% most deprived LSOAs nationally. It is estimated 102,000 people live in these areas.

## Derbyshire LSOAs - IMD



## Count of LSOAs by IMD Decile (where 1 is most deprived 10% of LSOAs)



# Deprivation - Derbyshire (v2)

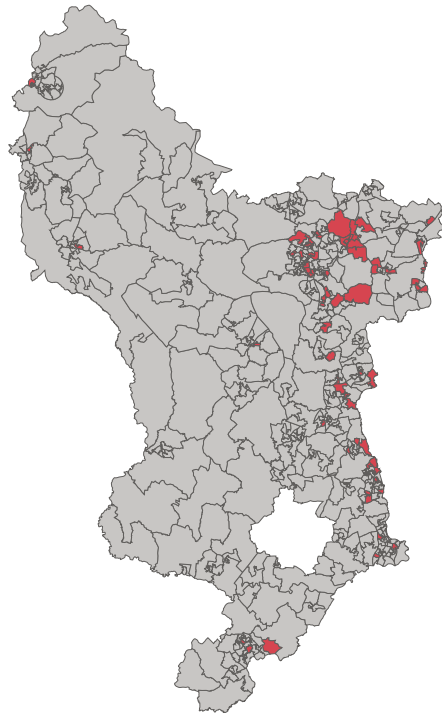
Demographics

There is a strong relationship between deprivation and Health outcomes. People living in the more deprived areas experience increased health inequalities: dying younger, living more years with long term conditions and disabilities. They are more likely to use health services at an earlier age, increasing the demand for health and social care for a longer period. These health inequalities are likely to be driven by factors outside of the NHS and Social Care.

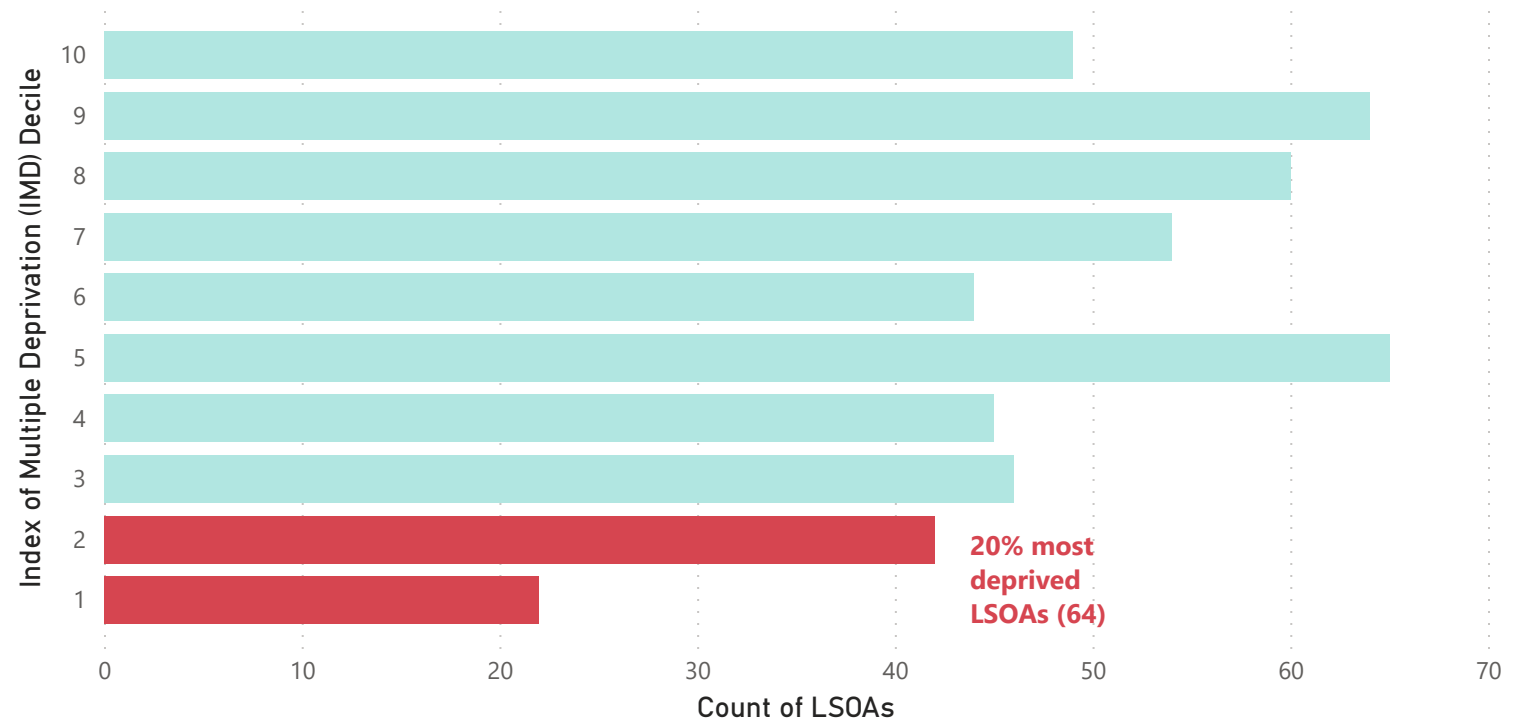
The 2019 Index of Multiple Deprivation (IMD2019) is an overall measure of deprivation based on a range of indicators. The measure is calculated for every Lower Super Output Area (LSOA) in England, each LSOA is given a score and then ranked according to their level of deprivation. LSOAs can then be divided into ten groups of equal frequency (deciles), ranging from the 10% most deprived (decile 1) to the 10% least deprived (decile 10).

There are 491 LSOAs in Derbyshire, 64 (13%) fall within the 20% most deprived LSOAs nationally. It is estimated 102,000 people live in these areas.

## Derbyshire LSOAs - IMD (20% most deprived)



## Count of LSOAs by IMD Decile (where 1 is most deprived 10% of LSOAs)



Source: [ONS English Indices of deprivation 2019](#)



# Deprivation - IDACI

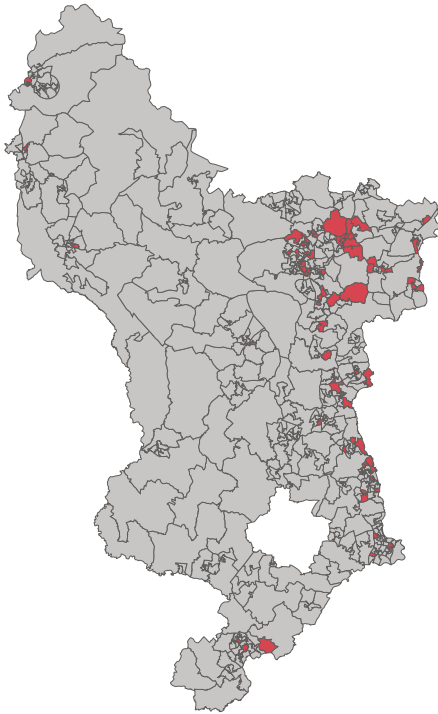
Demographics

The Income Deprivation Affecting Children Index (IDACI) measures the proportion of all children aged 0 to 15 living in income deprived families. It is a subset of the Income Deprivation Domain which measures the proportion of the population in an area experiencing deprivation relating to low income. The definition of low income used includes both those people that are out-of-work, and those that are in work but who have low earnings (and who satisfy the respective means tests).

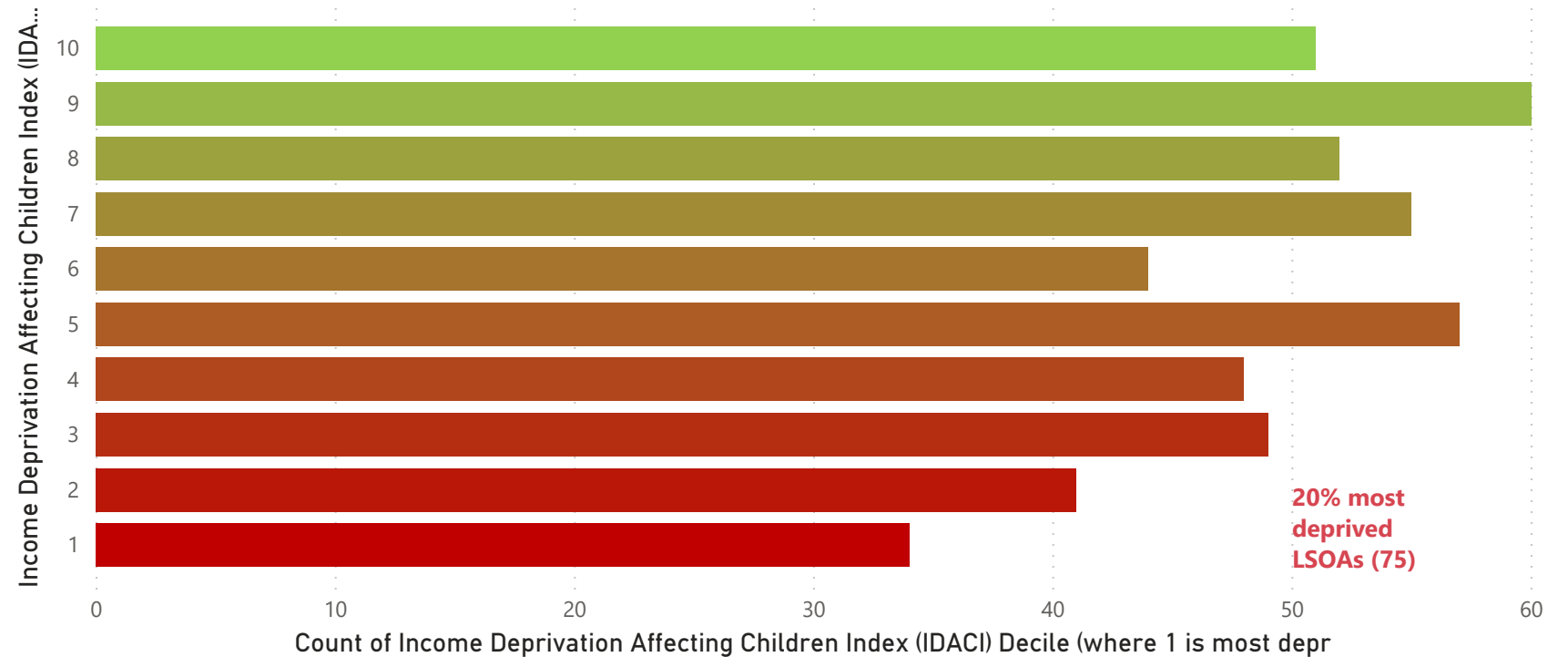
LSOAs can then be divided into ten groups of equal frequency (deciles), ranging from the 10% most deprived (decile 1) to the 10% least deprived (decile 10).

There are 491 LSOAs in Derbyshire, 75 (15%) fall within the 20% most deprived LSOAs nationally.

Derbyshire LSOAs - IMD (20% most deprived)



Count of LSOAs by IMD Decile (where 1 is most deprived 10% of LSOAs)



# Deprivation - IDAOPI

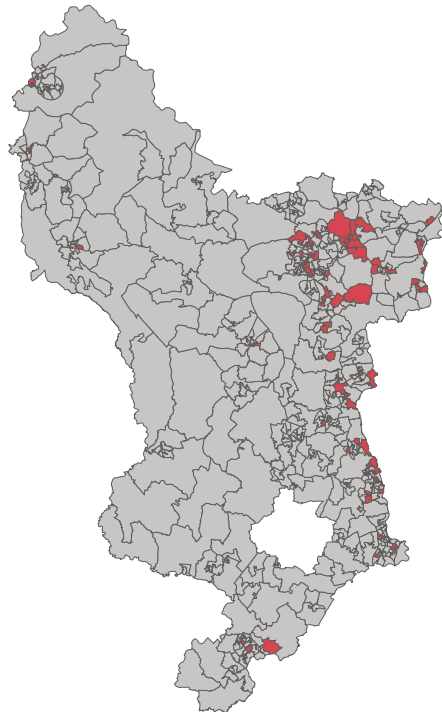
Demographics

The Income Deprivation Affecting Older People Index (IDAOPI) measures the proportion of all those aged 60 or over who experience income deprivation. It is a subset of the Income Deprivation Domain which measures the proportion of the population in an area experiencing deprivation relating to low income. The definition of low income used includes both those people that are out-of-work, and those that are in work but who have low earnings (and who satisfy the respective means tests).

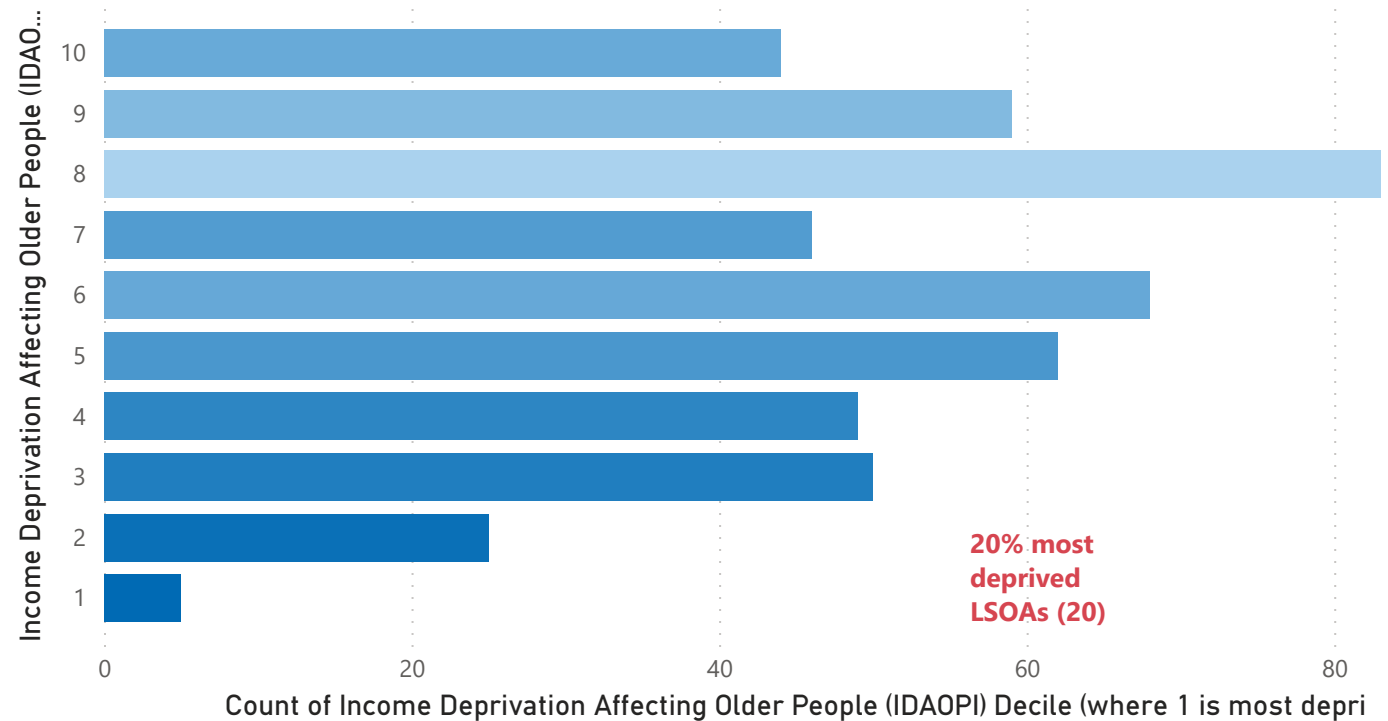
LSOAs can then be divided into ten groups of equal frequency (deciles), ranging from the 10% most deprived (decile 1) to the 10% least deprived (decile 10).

There are 491 LSOAs in Derbyshire, 20 (13%) fall within the 20% most deprived LSOAs nationally.

Derbyshire LSOAs - IMD (20% most deprived)



Count of LSOAs by IMD Decile (where 1 is most deprived 10% of LSOAs)

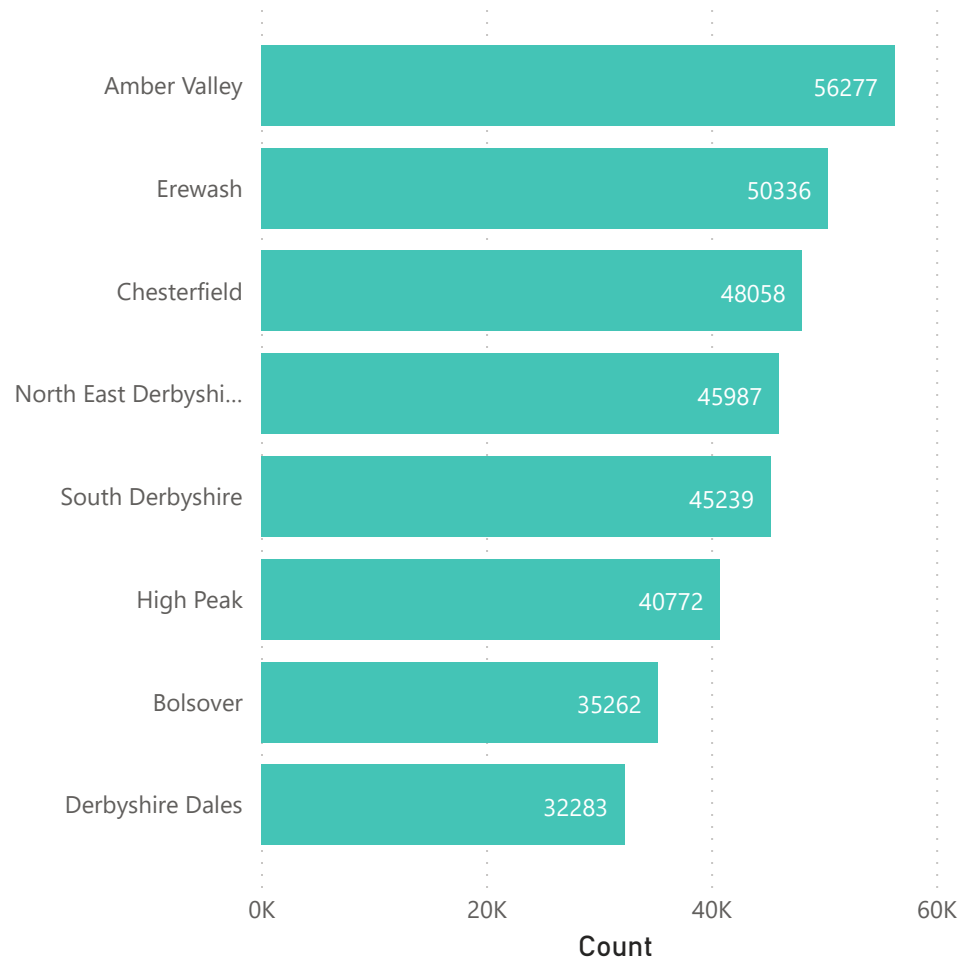


# Housing Type

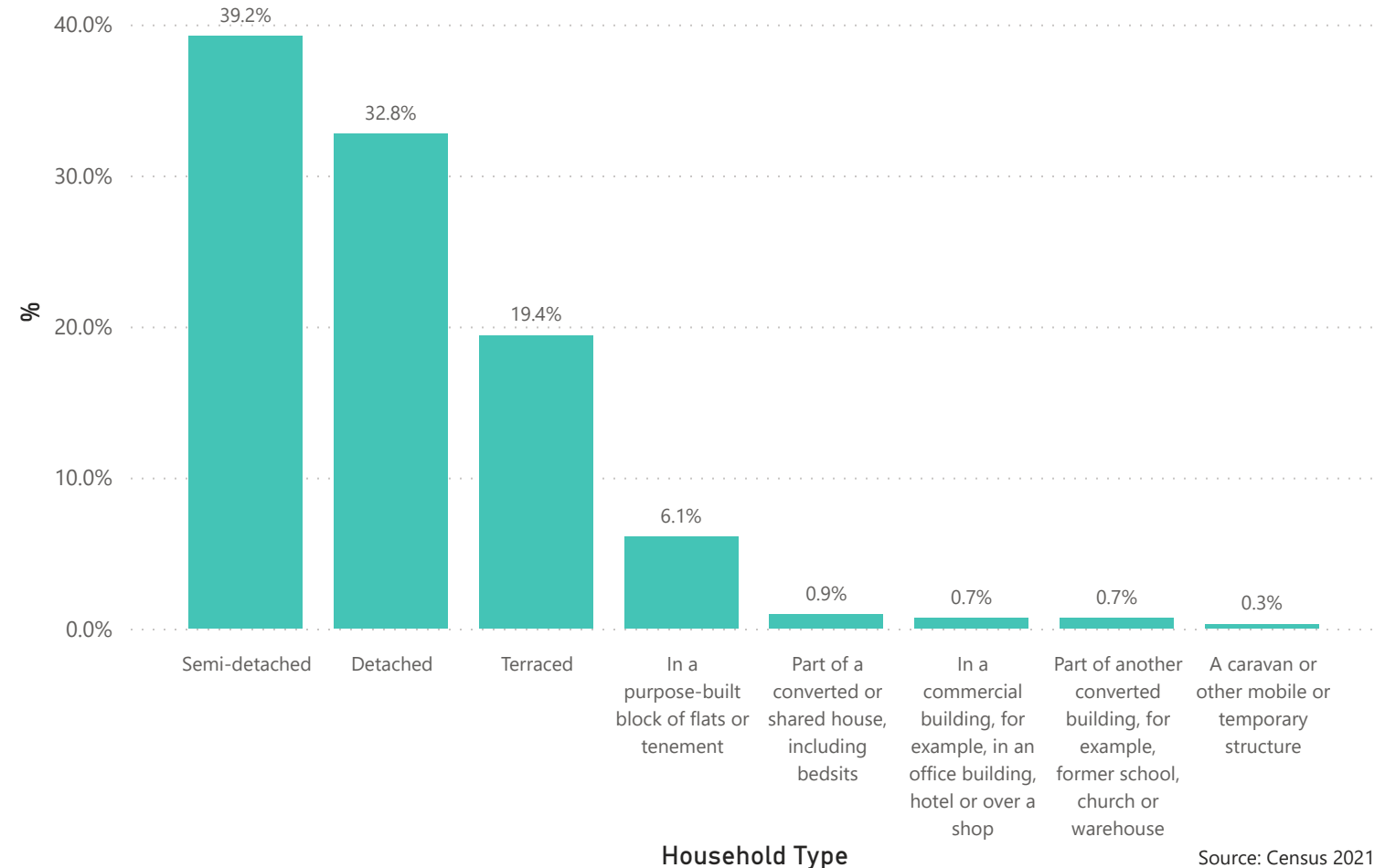
Demographics

The census 2021 reported there were a total of 354,213 households in Derbyshire, this in a 6.5% increase (21,600 households) since the 2011 census, this is higher than the increase nationally (6.2%). Household types and tenure vary across the county, 39.2 % of households are semi detached, 32.8% are detached, and 19.4% are terraced, with the remaining being flats, commercial buildings and temporary housing.

### Count of households by District



### % of Household by Household Type



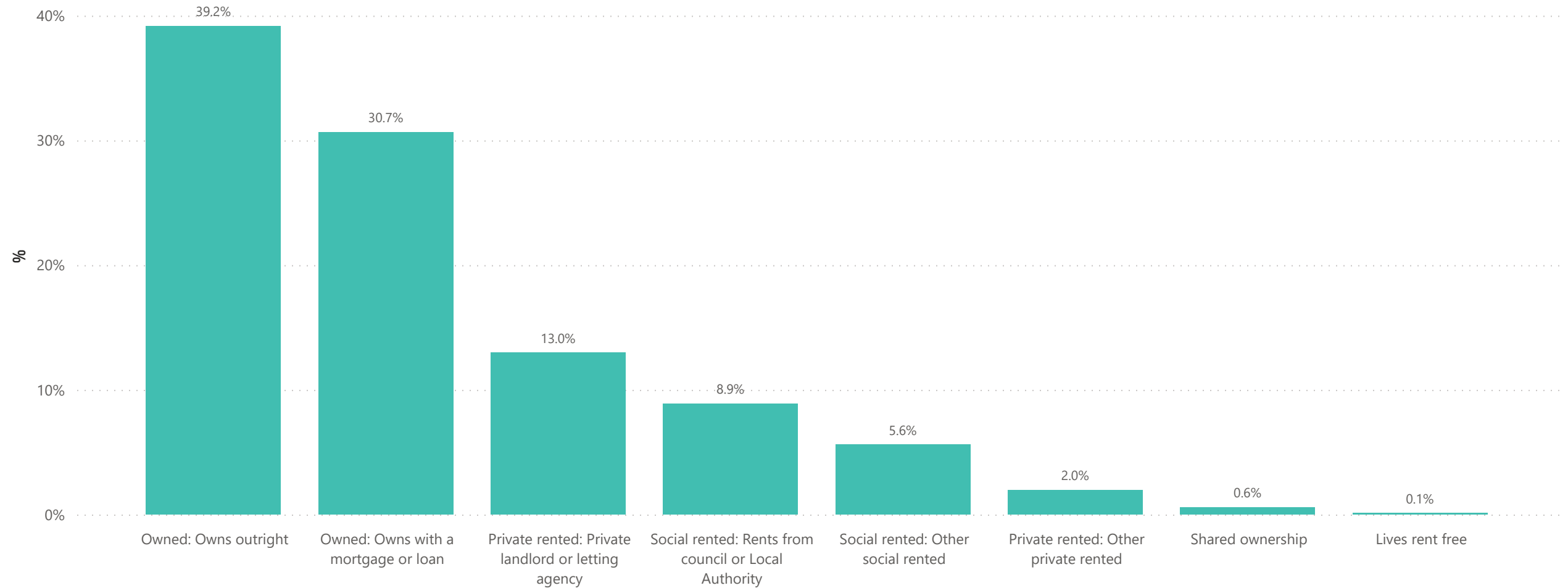
Source: Census 2021

# Housing Tenure

## Demographics

The census 2021 reported there were a total of 354,213 households in Derbyshire. Household types and tenure vary across the county, 39.2 % of households are owned outright, 30.7% owned with a mortgage or loan, 15% are privately rented, 14.5% Socially rented.

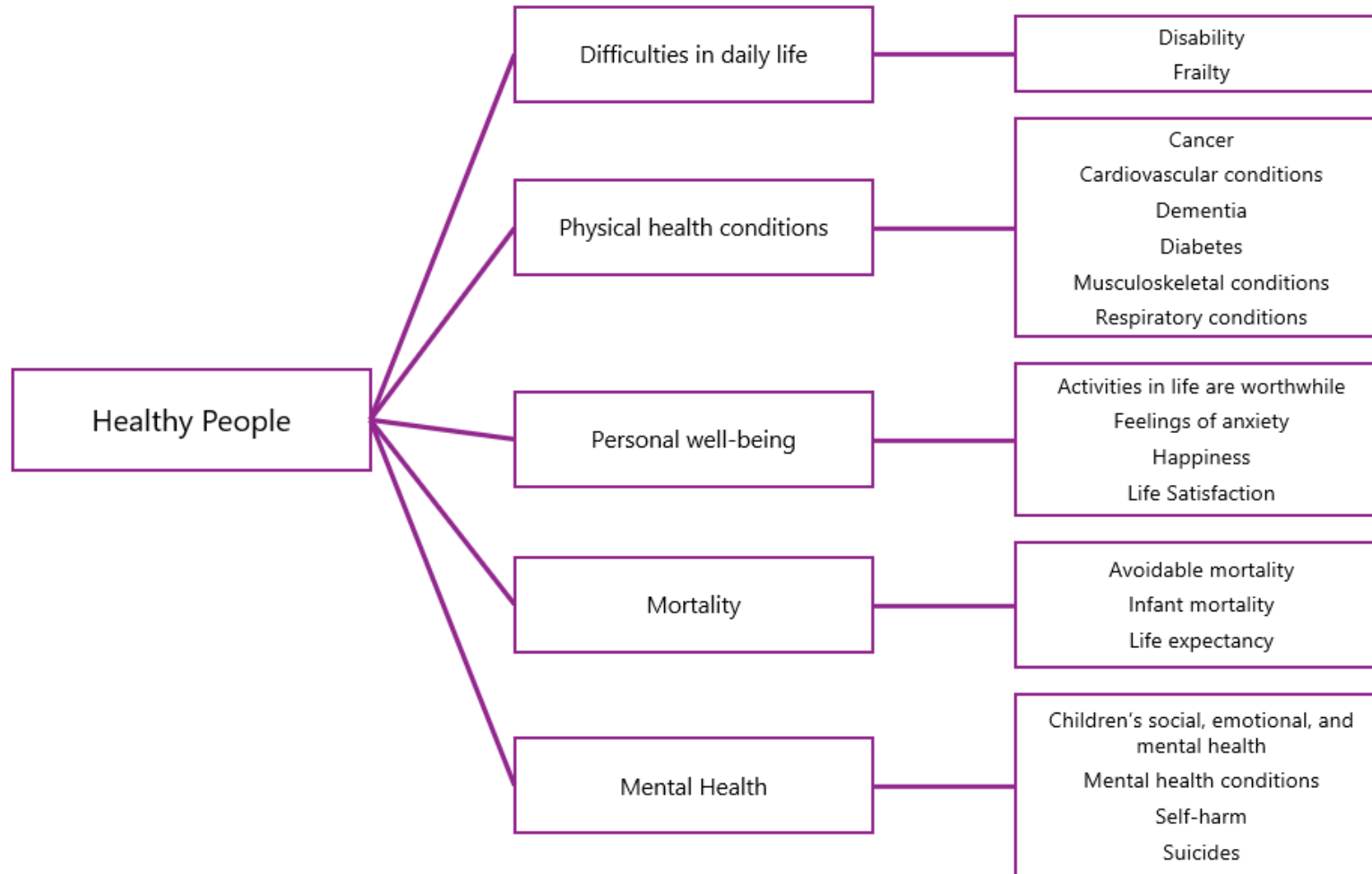
### % of Households by Housing Tenure



Source: Census 2021

# Healthy People

The **Healthy People** domain includes Health Outcomes indicators, including mortality, and the impact of physical and mental health conditions. It is divided into sub domains; difficulties in daily life, mental health, mortality, personal well-being, physical health conditions.



# Life expectancy

Healthy People > Life Expectancy

## Life expectancy

Life expectancy at birth is the average number of years a baby born in each time period can expect to live.

## What is happening locally?

Life expectancy has been steadily increasing over recent decades to reach 83.1 years for females and 79.4 years for males in 2017-19 on average in England. Recently however, life expectancy has been in decline both nationally and within Derby and Derbyshire. This is a decline that began prior to the COVID-19 pandemic. Life expectancy in Derbyshire remains lower than that for England.

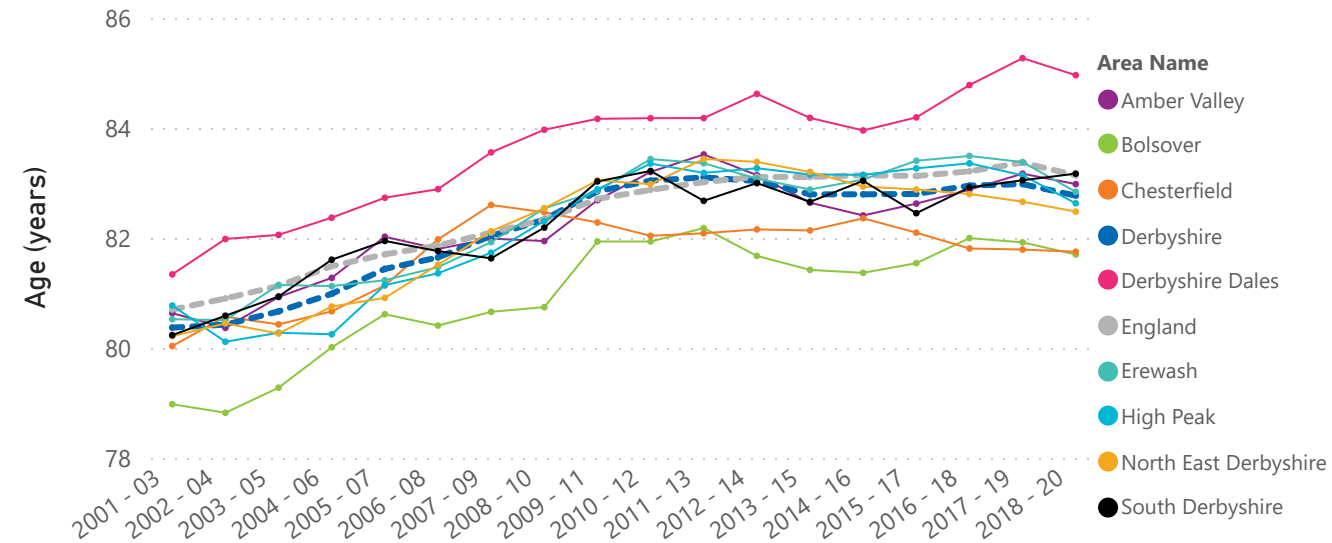
## Females

In Derbyshire, a female born today can expect to live on average 82.8 years in Derbyshire and 83.1 years in England.

## Males

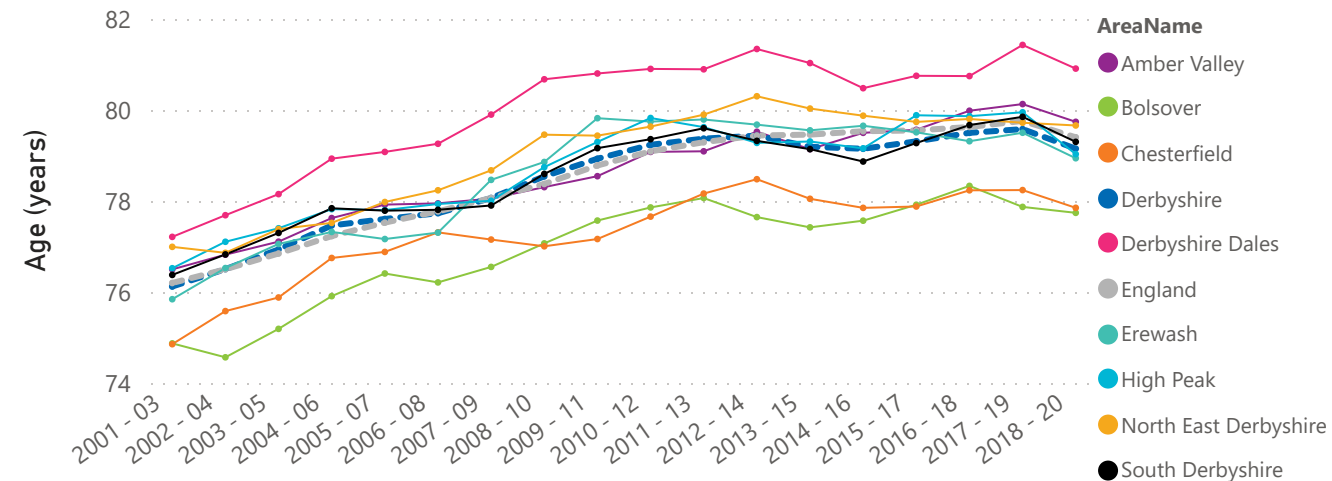
A male born today in Derbyshire can expect to live to 79.2 years in Derbyshire and 79.4 years in England.

## Life expectancy at birth - Females



Female life expectancy is **82.8 years** in Derbyshire

## Life expectancy at birth - Males



Male life expectancy is **79.2 years** in Derbyshire

# Life expectancy

Healthy People > Life Expectancy

## Life expectancy

Life expectancy at birth is the average number of years a baby born in each time period can expect to live.

## What is happening locally?

### Females

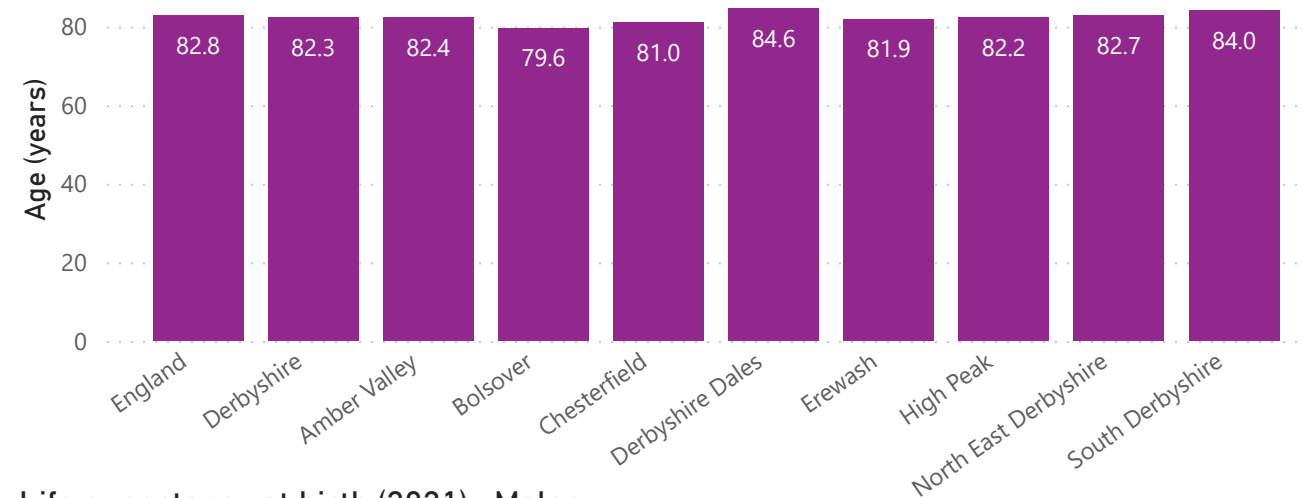
In Derbyshire, a female born today can expect to live on average 82.8 years in Derbyshire and 83.1 years in England. Within Derbyshire there is geographical variation, ranging from 79.6 years in Bolsover to 84.6 years in Derbyshire Dales.

### Males

A male born today in Derbyshire can expect to live to 79.2 years in Derbyshire and 79.4 years in England. Within Derbyshire there is geographical variation, ranging from 75.9 years in Bolsover to 80.0 years in Derbyshire Dales.

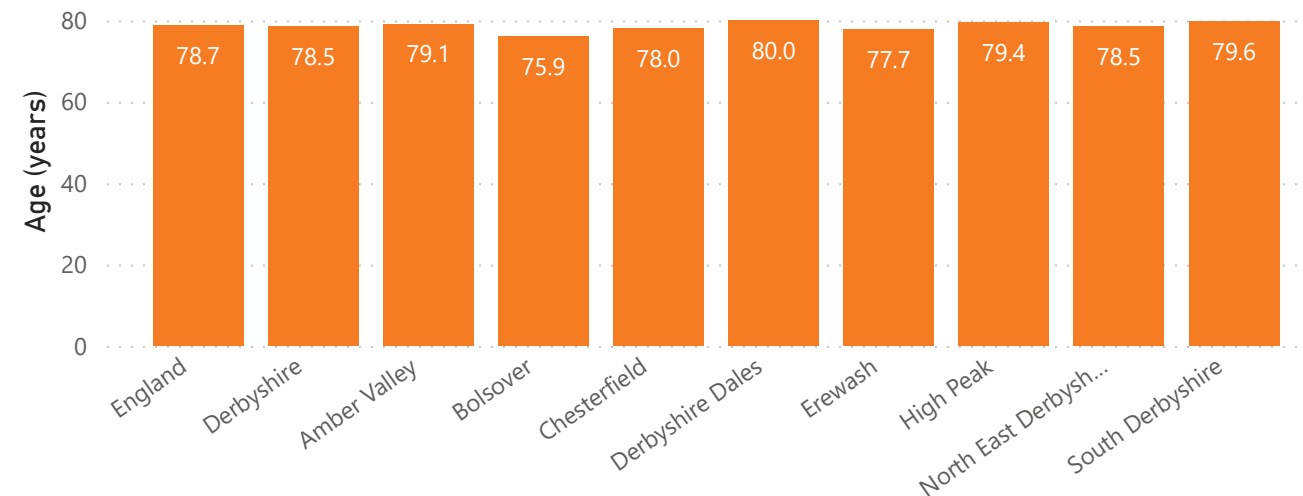
Please note that the time periods used to present the latest data and the trend data for some indicators may differ. The Office for National Statistics (ONS) is currently reconciling and rebasing the mid-year population estimates (MYE) after Census 2021. Consequently, the latest data employs the population data from Census 2021, whereas the trend data utilises unrevised population estimates and should not be used for comparisons with the latest 2021 data.

## Life expectancy at birth (2021) - Females



Female life expectancy is **82.3 years** in Derbyshire

## Life expectancy at birth (2021)- Males



Male life expectancy is **79.5 years** in Derbyshire

# Life expectancy by deprivation

Healthy People > Life Expectancy

## Life expectancy inequalities gap (Derbyshire)

Across Derbyshire deprivation-based inequalities exist, those living in more deprived areas experience lower life expectancy compared to the least deprived areas.

### What is happening locally?

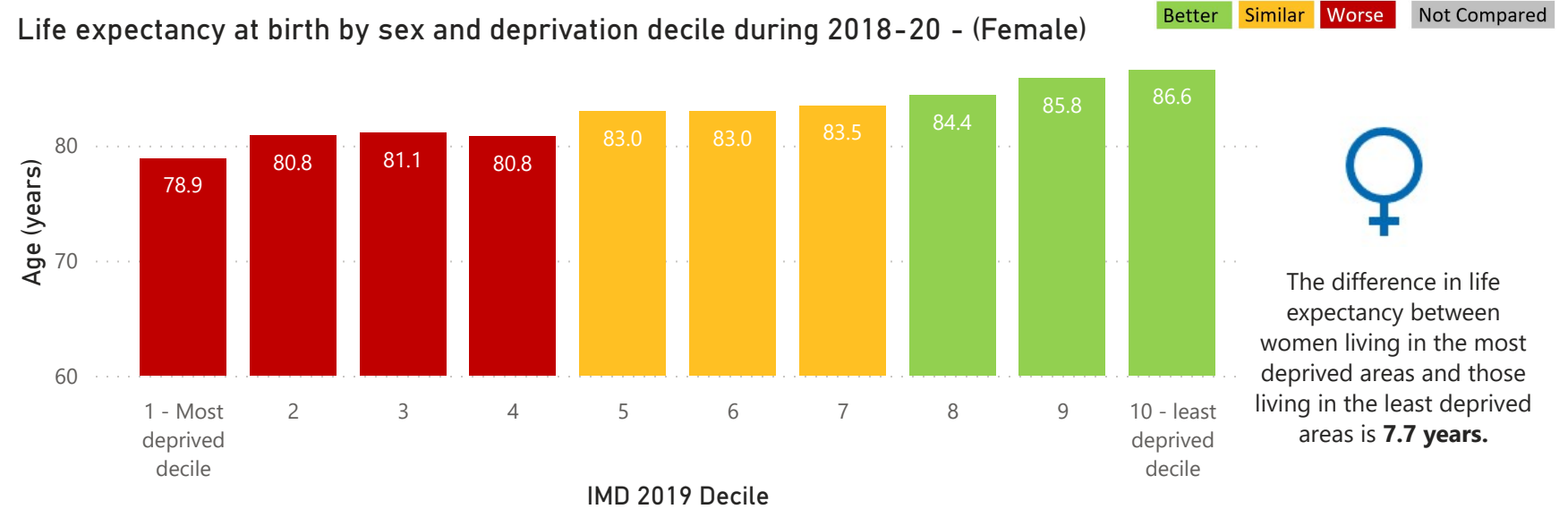
#### Females

Females in the most deprived areas of Derbyshire on average can expect to live to 78.9 years, 7.7 years less than those living in the least deprived areas who can on average expect to live to 86.6 years.

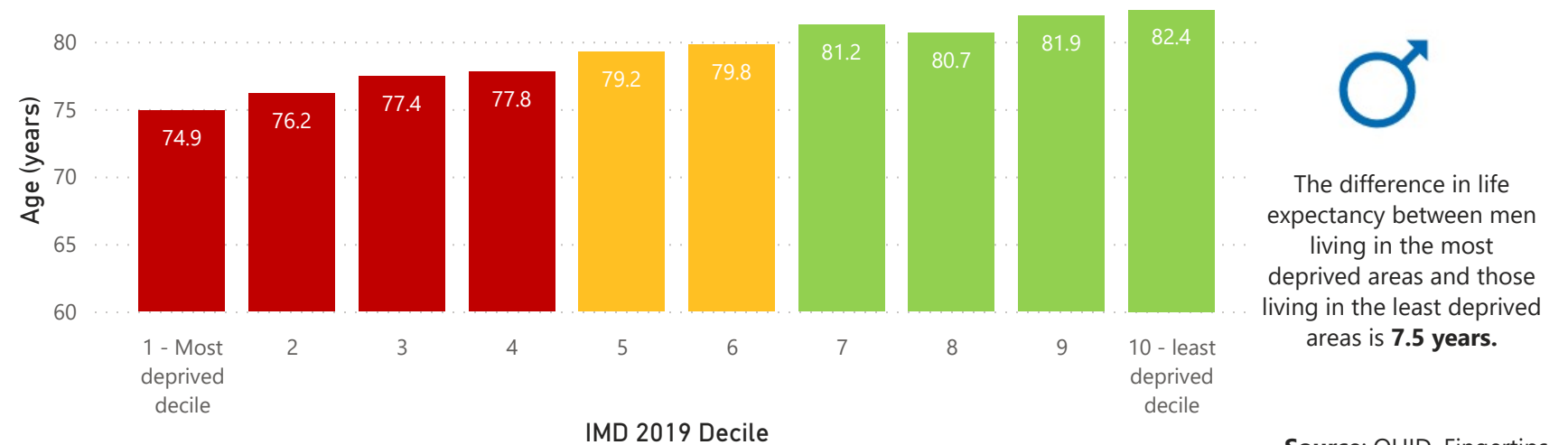
#### Males

Males in the most deprived areas of Derbyshire on average can expect to live to 74.9 years, 7.5 years less than those in the least deprived areas, who can expect to live to 82.4 years.

Life expectancy at birth by sex and deprivation decile during 2018-20 - (Female)



Life expectancy at birth by sex and deprivation decile during 2018-20 - (Male)



Source: OHID, Fingertips



# Healthy life expectancy

Healthy People > Life Expectancy

## Healthy life expectancy

Healthy life expectancy (HLE) shows the years a person can expect to live in good health (rather than with a disability or in poor health).

While life expectancy has increased over the past 10 years, concerns have been expressed that increases in HLE have not kept pace with those seen in life expectancy, leading to an expansion of time living with morbidity.

## What is happening locally?

In Derbyshire, HLE has started to increase following a decline which had been observed since 2014-16. During 2018-20, HLE at birth in Derbyshire was comparable to that seen in England for both females and males.

## Females

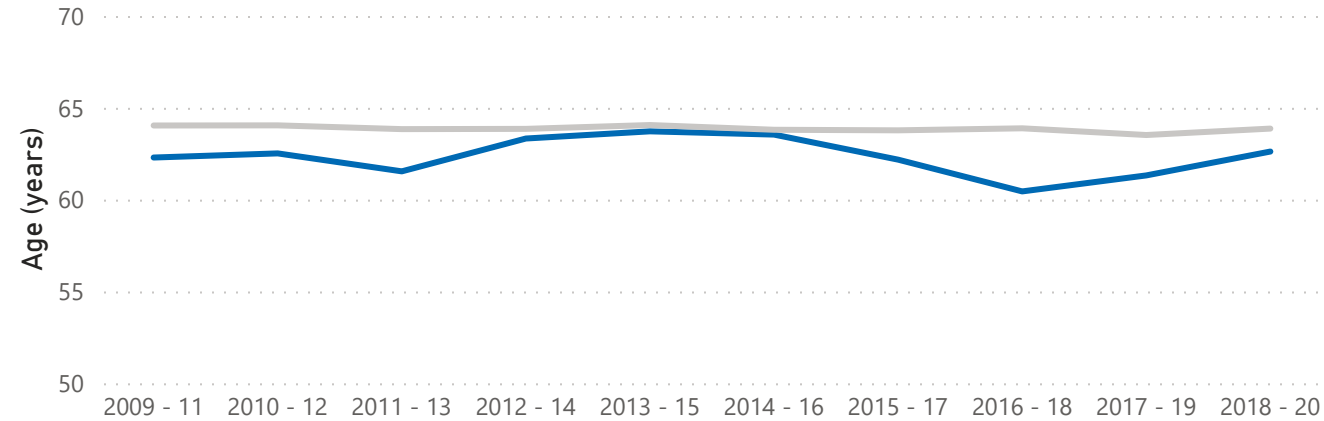
During 2018-20, HLE at birth was higher in females than males, in all areas. Females born between 2018-20 could expect to live for 62.6 years in Derbyshire, compared to 63.9 years in England.

## Males

Males born during the same time-period could expect to live for 61.5 years in good health in Derbyshire, compared to 63.1 years nationally.

## Healthy life expectancy at birth - Females

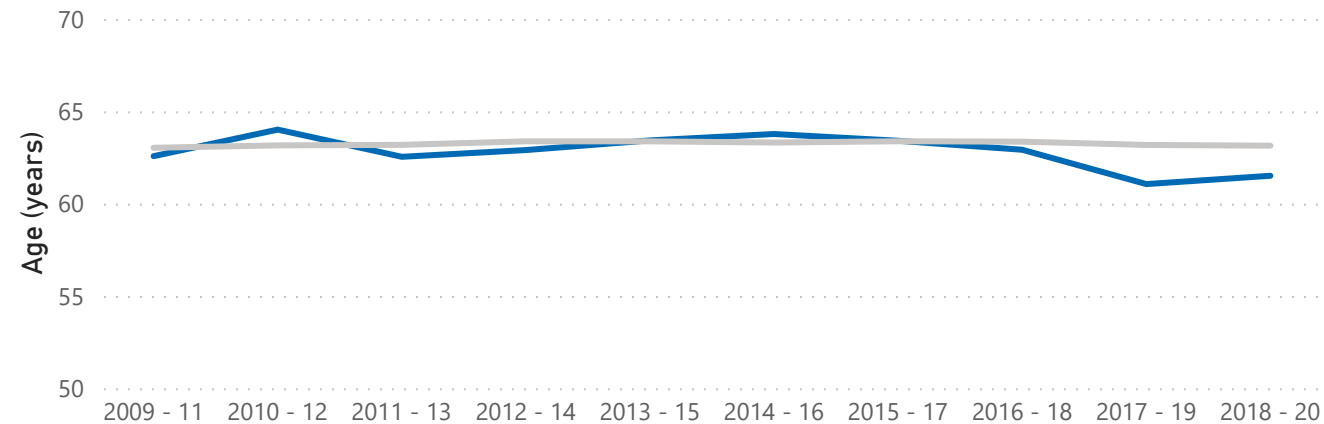
Area Name ● Derbyshire ● England



Healthy life expectancy in females is **62.6 years** in Derbyshire

## Healthy life expectancy at birth - Males

Area Name ● Derbyshire ● England



Healthy life expectancy in males is **61.5 years** in Derbyshire

Source: OHID, Fingertips

# Life Expectancy & Healthy Life Expectancy

Healthy People > Life Expectancy

## Gap in life expectancy

The gap life expectancy refers to the difference in the number of years that people can expect to live in good health versus the total number of years they can expect to live.

The gap between life expectancy and healthy life expectancy can provide insights into the burden of disease and disability in a population, and is often used as an indicator of overall health and well-being.

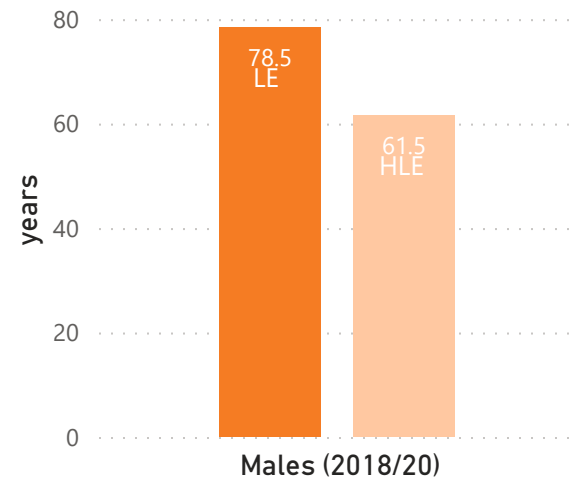
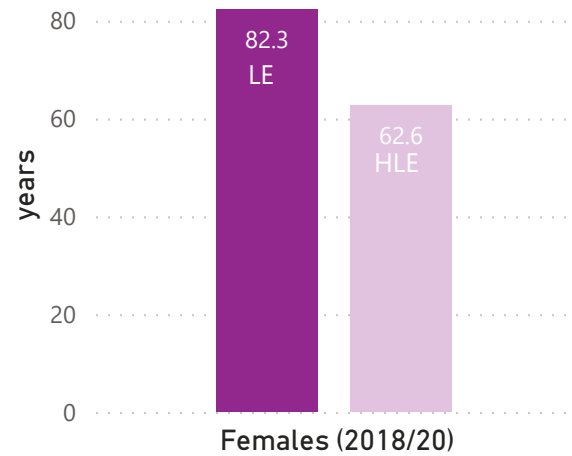
## What is happening locally?

### Females

In 2018/20 the gap between Female Healthy life expectancy and life expectancy is **20.1 years** in Derbyshire.

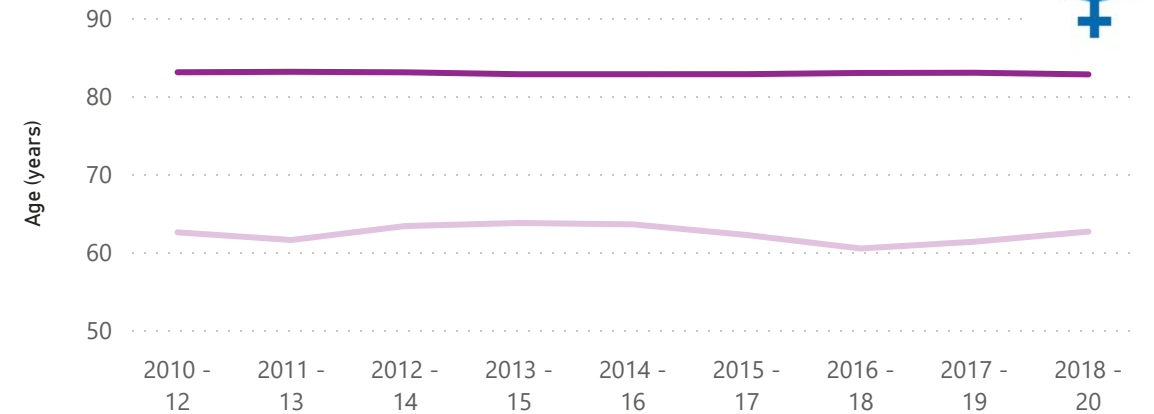
### Males

In 2018/20 the gap between Male Healthy life expectancy and life expectancy is **17.7 years** in Derbyshire.



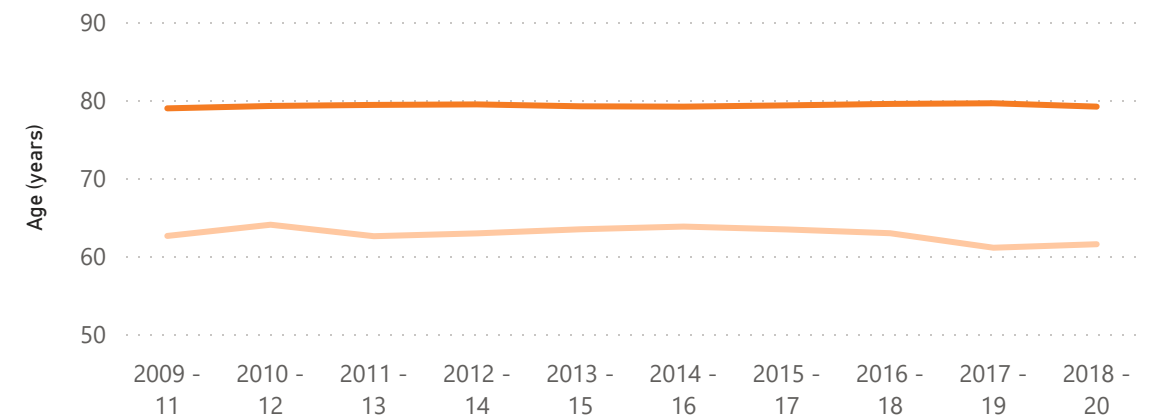
## Life expectancy and Health Life Expectancy at birth - Female

● Life expectancy at birth (Female) ● Healthy life expectancy at birth (Female)



## Life expectancy and Health Life Expectancy at birth - Males

● Life expectancy at birth (Male) ● Healthy life expectancy at birth (Male)



# Healthy life expectancy by deprivation

Healthy People > Life Expectancy

## Inequalities in healthy life expectancy in England

Healthy life expectancies combine data on both morbidity and mortality and therefore have value for monitoring inequalities in population health.

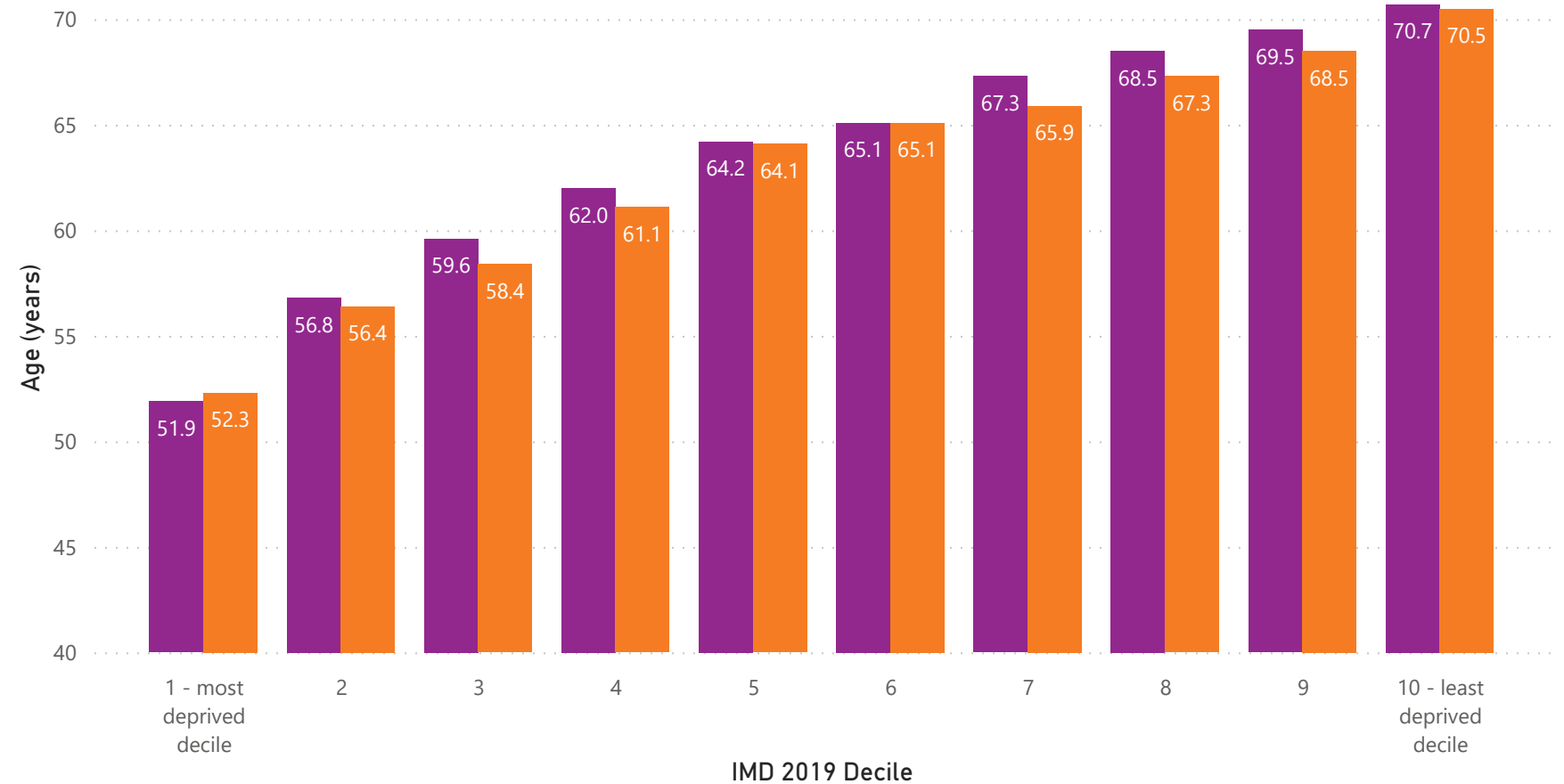
There is no data available to investigate the effect of deprivation on HLE locally, however, in England, there are striking differences in HLE based on deprivation, with the greatest burden in the most deprived groups.

Females from the most deprived areas can expect to live on average 18.8 years fewer in good health than those from the least deprived areas (51.9 years versus 70.7 years).

Meanwhile, males from the most deprived areas can expect to live 18.2 years fewer in good health than those from the least deprived areas (52.3 years versus 70.5 years).

## Healthy life expectancy at birth by sex and deprivation decile during 2018-20 - England

Sex ● Female ● Male



Source: OHID, Fingertips

# Mortality - all causes

Healthy People > Mortality

## Mortality – all causes

Premature mortality is a good high-level indicator of the overall health of a population. To ensure that there continues to be a reduction in the rate of premature mortality, and that inequalities between areas are reduced, there needs to be concerted action in both prevention and treatment.

## What is happening locally?

The under 75 rate of mortality from all causes had begun to increase prior to the COVID-19 pandemic. Increases were first identified in 2017-19. The data for 2021 confirmed this trend. The rate in Derbyshire (368.8 per 100,000 population) was similar to England (363.4 per 100,000 population).

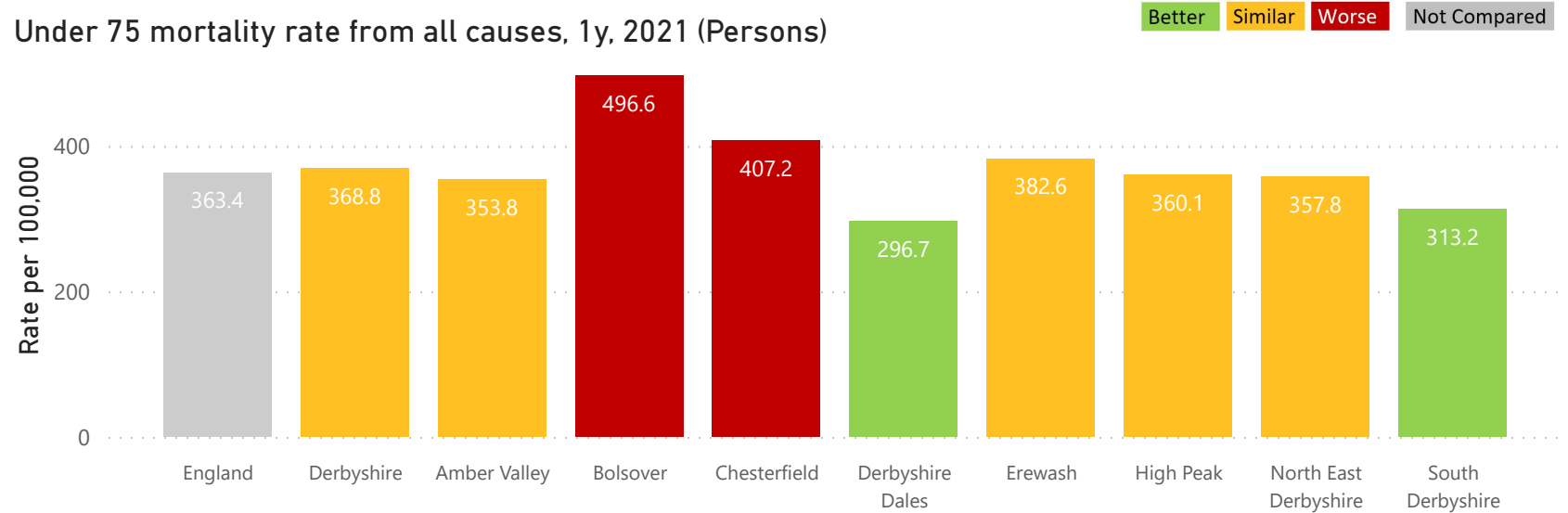
Bolsover and Chesterfield had rates significantly higher than the England rate (496.7 and 407.2 respectively).

Between 2002-04 and 2011-13 rates from all causes declined, up to 2016-18 the rates across Derbyshire were very stable, however, all areas saw an increase in the last period.

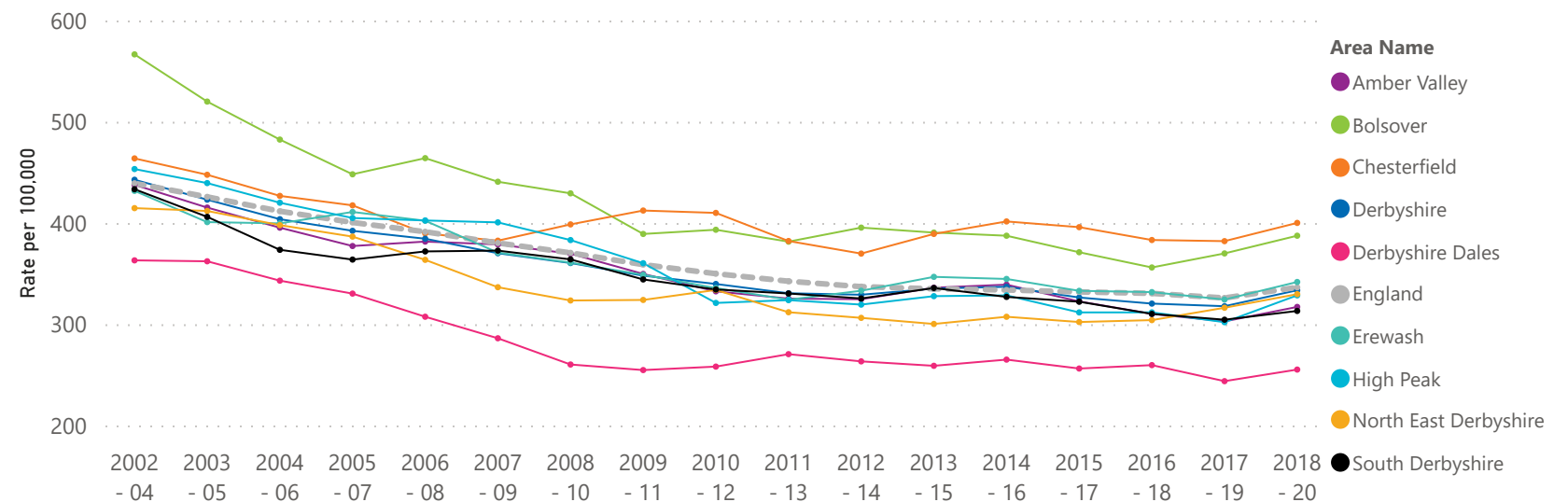
In England, the rate of premature mortality from all causes increases with increasing levels of deprivation, in both males and females.

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Under 75 mortality rate from all causes, 1y, 2021 (Persons)



Under 75 mortality rate from all causes (persons)



Source: OHID, Fingertips

# Leading causes of mortality - cardiovascular disease

Healthy People > Mortality

## Mortality – CVD

Cardiovascular disease (CVD) is one of the major causes of death in under 75 year olds in England. CVD is also one of the conditions most strongly associated with health inequalities; people who live in England's most deprived areas, are almost 4 times more likely to die prematurely than someone living in the least deprived.

Furthermore, CVD is more common where a person is male, older, has a severe mental illness or from a South Asian or African Caribbean ethnic group.

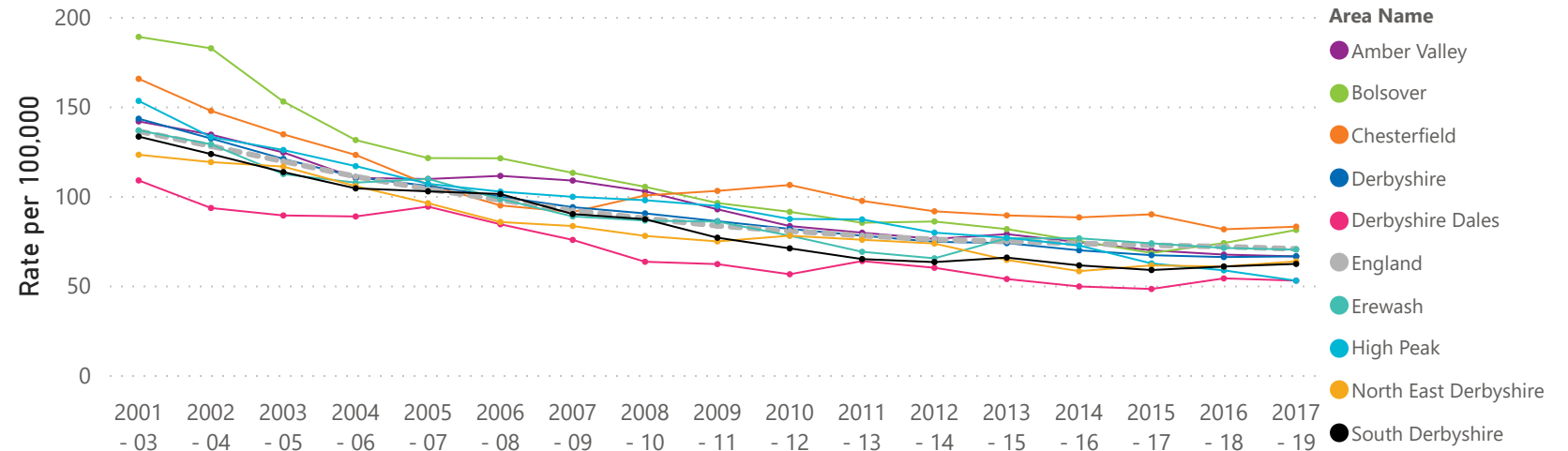
## What is happening locally?

Under 75 mortality rates from cardiovascular disease in Derbyshire remain similar to those seen in England. In 2021, the mortality rate from CVD was 78.5 per 100,000 in Derbyshire (compared to 76.0 per 100,000 in England). Across all areas the rate in males was the rate for females.

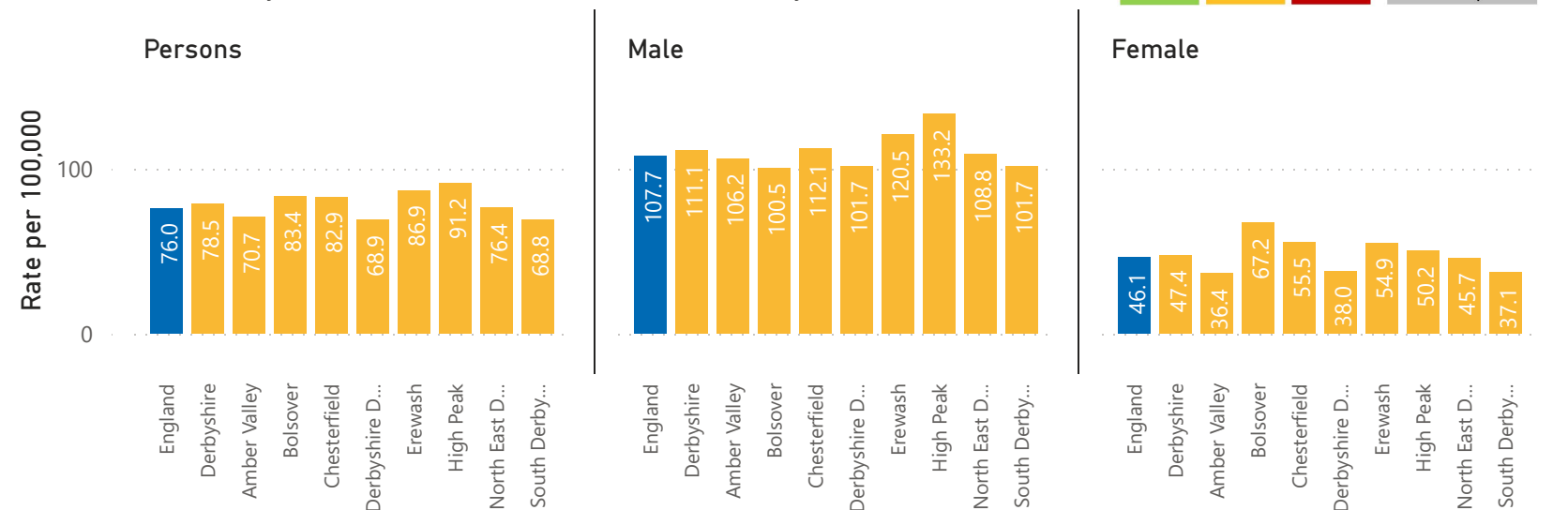
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Source: OHID, Fingertips

### Under 75 mortality rate from cardiovascular diseases (persons)



### Under 75 mortality rate from cardiovascular diseases by sex, 2021



# Leading causes of mortality - respiratory disease

Healthy People > Mortality

## Mortality - respiratory disease

Respiratory disease affects 1 in 5 people and is currently the third biggest cause of death in England (after cancer and cardiovascular disease (1)). Respiratory disease is strongly associated with deprivation, with incidence and mortality rates from respiratory disease highest in the most socially deprived groups. The most deprived communities have a higher incidence of smoking rates, exposure to higher levels of air pollution, poor housing conditions and exposure to occupational hazards (2).

## What is happening locally?

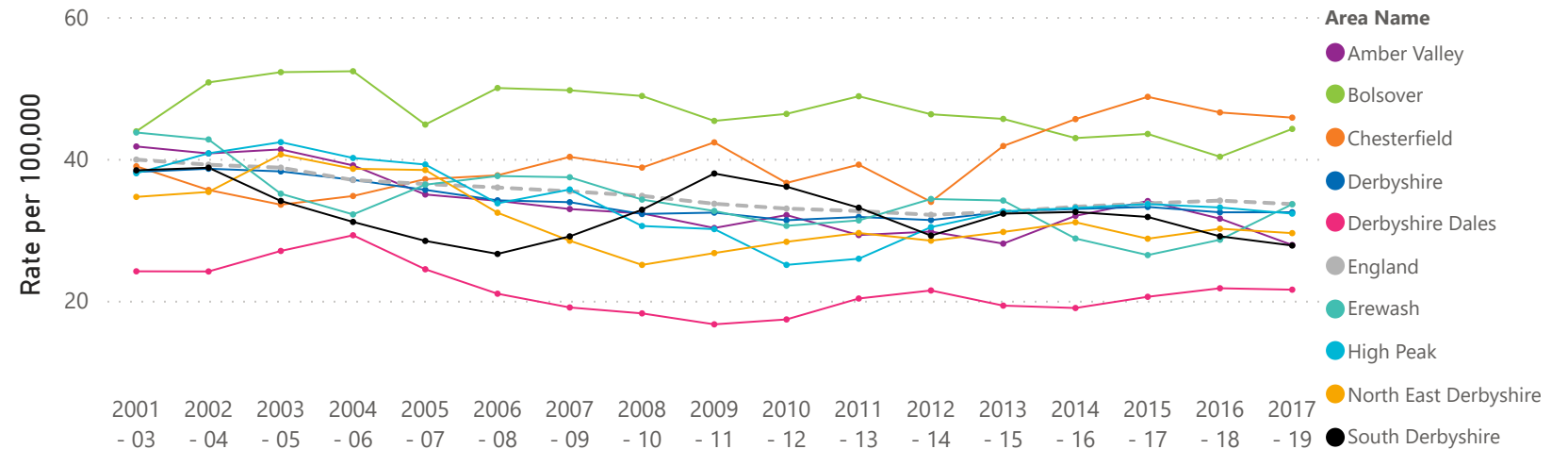
In Derbyshire, the rate of under 75 mortality from respiratory disease has remained relatively stable over recent years, at a rate comparable to the national average. In 2021 the Derbyshire rates (24.2 per 100,000) was similar to the England rate (26.5). In 2021 Bolsover had had significantly worse rate than the England average.

Please note that the time periods used to present the latest data and the trend data for some indicators may differ. The Office for National Statistics (ONS) is currently reconciling and rebasing the mid-year population estimates (MYE) after Census 2021. Consequently, the latest data employs the population data from Census 2021, whereas the trend data utilises unrevised population estimates and should not be used for comparisons with the latest 2021 data.

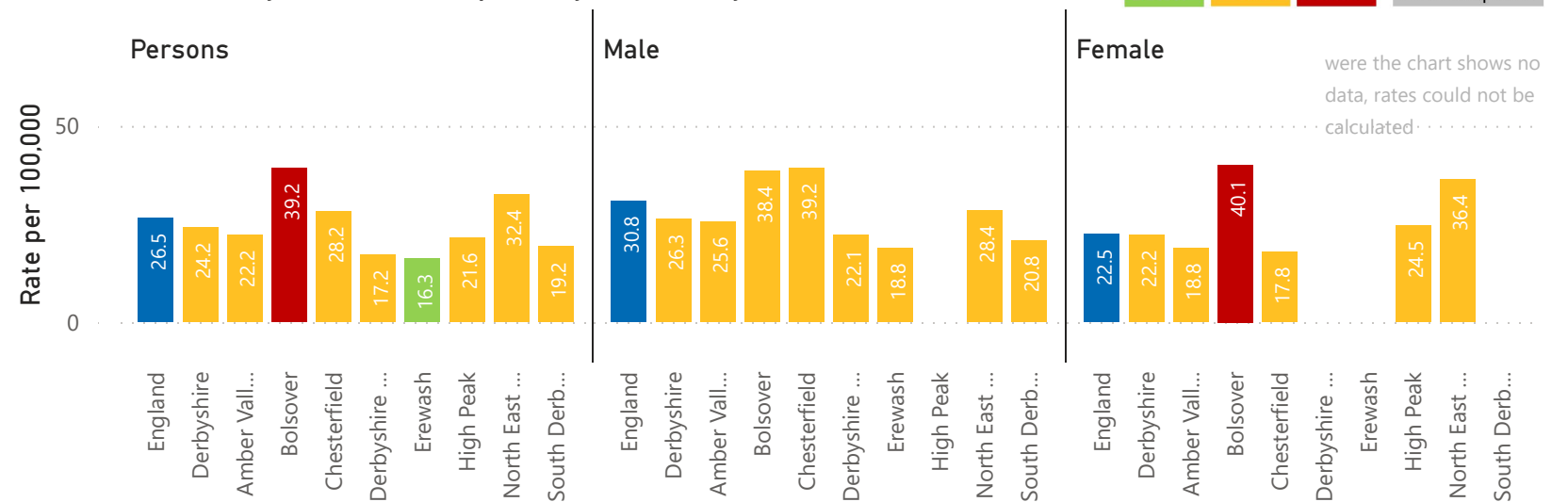
## References

1. NICE. NICE impact respiratory conditions. London; 2020.

Under 75 mortality rate from respiratory disease (persons)



Under 75 mortality rate from respiratory disease by sex, 2021



Source: OHID, Fingertips

# Leading causes of mortality - cancer

Healthy People > Mortality

## Mortality – Cancer

Cancer is the leading cause of death in England in under 75s. To ensure that there continues to be a reduction in the rate of premature mortality from cancer, there needs to be concerted action in both prevention and treatment.

## What is happening locally?

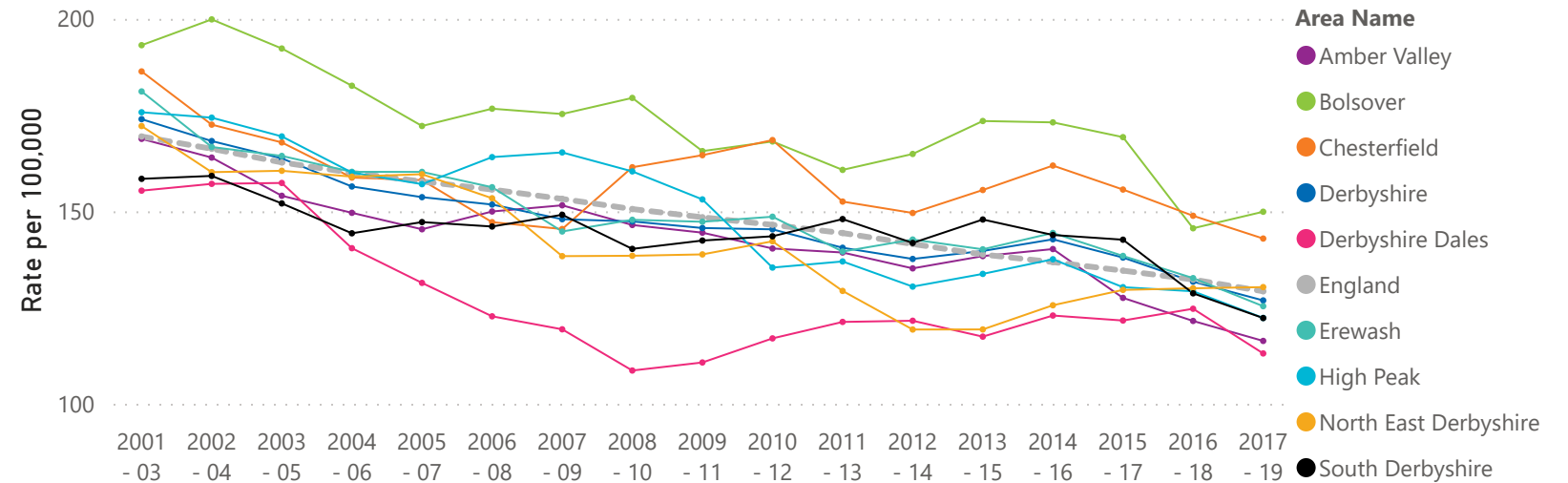
In Derbyshire, the rate of under 75 mortality from cancer has been declining in recent years, broadly mirroring the national trend. In 2021, the rate of 125.5 was slightly lower than the rate of 121.5 per 100,000 in England. Chesterfield and Bolsover had rates significantly higher than England (146.7 and 161.6 per 100,000, respectively)

In 2021, males in Derbyshire (137.6 per 100,000) had a higher rate of under 75 mortality from cancer than females (114.0 per 100,000 in Derbyshire).

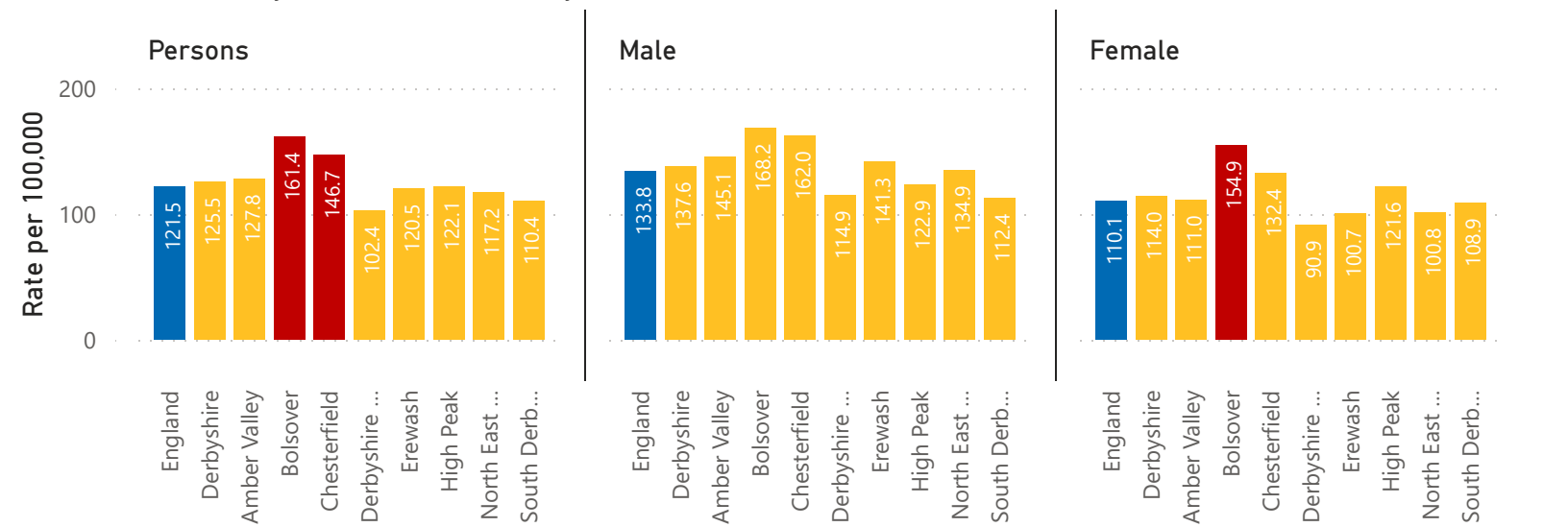
Please note that the time periods used to present the latest data and the trend data for some indicators may differ. The Office for National Statistics (ONS) is currently reconciling and rebasing the mid-year population estimates (MYE) after Census 2021. Consequently, the latest data employs the population data from Census 2021, whereas the trend data utilises unrevised population estimates and should not be used for comparisons with the latest 2021 data.

Source: OHID, Fingertips

Under 75 mortality rate from cancer (persons)



Under 75 mortality rate from cancer by sex, 2021



# Mortality - Infant

Healthy People > Mortality

## Mortality – Infant

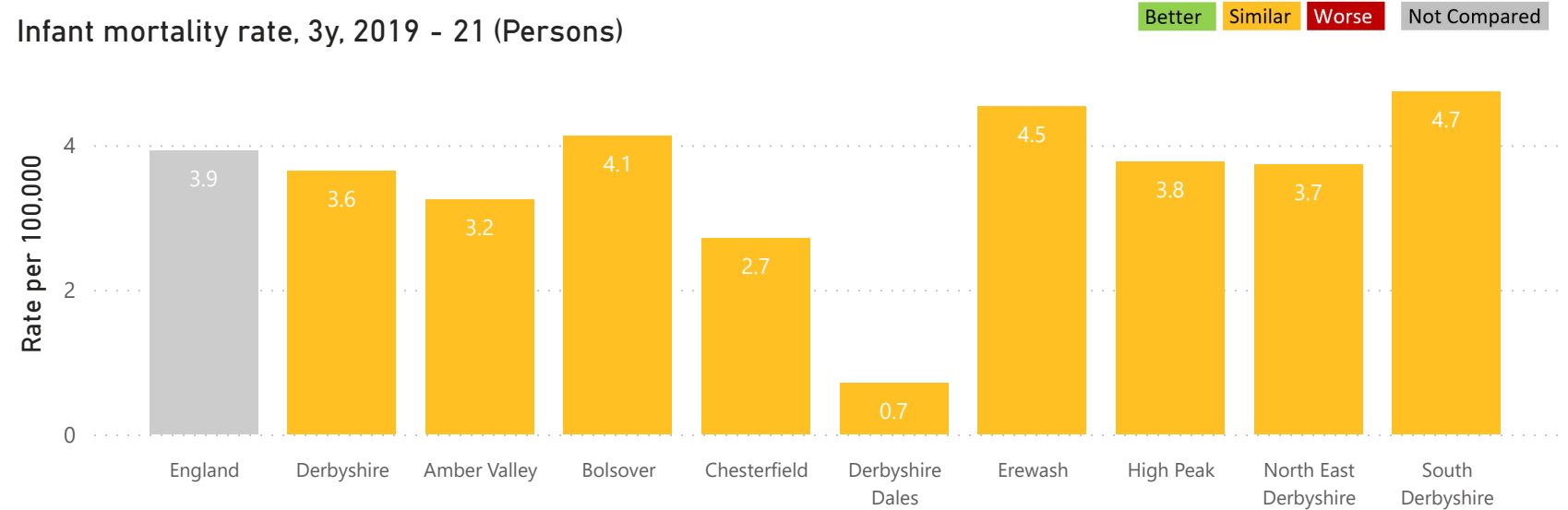
Infant mortality is an indicator of the general health of an entire population. It reflects the relationship between causes of infant mortality and upstream determinants of population health such as economic, social and environmental conditions. Deaths occurring during the first 28 days of life (the neonatal period) in particular, are considered to reflect the health and care of both mother and newborn.

## What is happening locally?

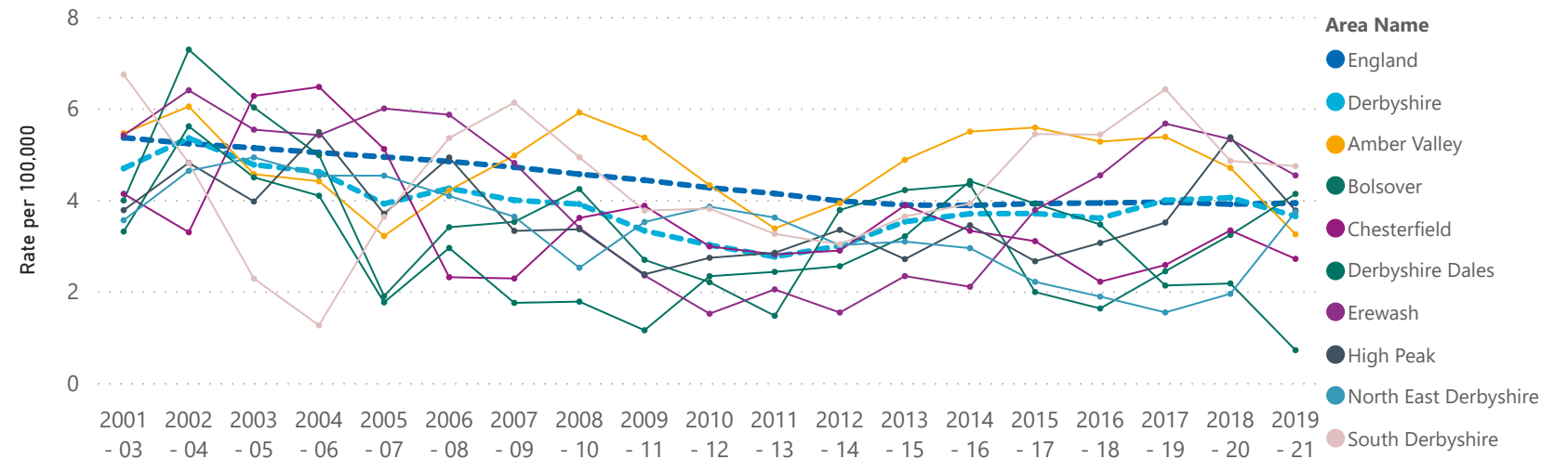
The infant mortality rate refers to the amount of deaths that occur within the first year of life per 1,000 live births. In the period of 2019-21, the infant mortality rate in Derbyshire was recorded to be 2.9 deaths per 1,000 live births, this was similar to the England rate (3.9).

The infant mortality rate in Derbyshire had a low of 2.8 deaths per 1,000 live births in 2011-2013. It appeared to have increased to 4.01 deaths per 1,000 live births in 2018-2019. However, the latest data indicates that there has been a slight decrease in the rate.

Infant mortality rate, 3y, 2019 - 21 (Persons)



Infant Mortality rate



Source: OHID, Fingertips



# Mortality

Healthy People>Mortality

Mortality Indicator	England	Derbyshire	Amber Valley	Bolsover	Chesterfield	Derbyshire Dales	Erewash	High Peak	North East Derbyshire	South Derbyshire
Deaths from causes considered preventable, under 75 years, standardised mortality ratio, 2016 - 20 (Persons)	100.0	97.1	90.3	114.9	117.5	69.5	104.6	98.8	90.6	91.6
Infant mortality rate, 2019 - 21 (Persons)	3.9	3.6	3.2	4.1	2.7	0.7	4.5	3.8	3.7	4.7
Under 75 mortality rate from all cardiovascular diseases, 2021 (Female)	46.1	47.4	36.4	67.2	55.5	38.0	54.9	50.2	45.7	37.1
Under 75 mortality rate from all cardiovascular diseases, 2021 (Male)	107.7	111.1	106.2	100.5	112.1	101.7	120.5	133.2	108.8	101.7
Under 75 mortality rate from all cardiovascular diseases, 2021 (Persons)	76.0	78.5	70.7	83.4	82.9	68.9	86.9	91.2	76.4	68.8
Under 75 mortality rate from all causes, 2021 (Female)	283.4	295.0	291.3	420.7	326.4	229.6	297.9	306.9	270.7	237.2
Under 75 mortality rate from all causes, 2021 (Male)	448.0	446.0	417.7	575.3	493.6	366.9	471.2	414.3	450.6	393.7
Under 75 mortality rate from all causes, 2021 (Persons)	363.4	368.8	353.8	496.6	407.2	296.7	382.6	360.1	357.8	313.2
Under 75 mortality rate from cancer considered preventable, 2021 (Female)	38.1	42.1	50.3	60.1	48.9	28.2	32.6	41.9	33.7	43.0
Under 75 mortality rate from cancer considered preventable, 2021 (Male)	63.0	64.5	68.8	85.6	66.9	47.3	80.0	57.0	58.8	52.0
Under 75 mortality rate from cancer considered preventable, 2021 (Persons)	50.1	53.0	59.4	72.6	57.5	37.5	55.7	49.2	45.8	47.3
Under 75 mortality rate from cancer, 2021 (Female)	110.1	114.0	111.0	154.9	132.4	90.9	100.7	121.6	100.8	108.9
Under 75 mortality rate from cancer, 2021 (Male)	133.8	137.6	145.1	168.2	162.0	114.9	141.3	122.9	134.9	112.4
Under 75 mortality rate from cancer, 2021 (Persons)	121.5	125.5	127.8	161.4	146.7	102.4	120.5	122.1	117.2	110.4
Under 75 mortality rate from cardiovascular diseases considered preventable, 2021 (Female)	17.0	17.9	14.6		21.2		19.7	25.1	17.9	
Under 75 mortality rate from cardiovascular diseases considered preventable, 2021 (Male)	44.1	44.4	41.2	38.4	47.2	48.3	50.8	52.3	40.5	37.0
Under 75 mortality rate from cardiovascular diseases considered preventable, 2021 (Persons)	30.2	30.9	27.7	30.3	33.8	30.1	34.8	38.6	28.9	23.6
Under 75 mortality rate from causes considered preventable, 2021 (Female)	127.6	145.7	165.3	208.5	170.1	105.7	135.3	157.2	113.3	117.1
Under 75 mortality rate from causes considered preventable, 2021 (Male)	241.8	240.5	219.5	349.9	254.3	195.5	273.2	218.9	226.6	204.8
Under 75 mortality rate from causes considered preventable, 2021 (Persons)	183.2	192.1	192.0	278.0	210.8	149.6	202.7	187.7	168.4	159.6
Under 75 mortality rate from respiratory disease considered preventable, 2021 (Female)	14.0	16.1	16.2	25.1				20.2	26.1	
Under 75 mortality rate from respiratory disease considered preventable, 2021 (Male)	17.3	15.9	15.2	25.9	19.1				17.7	
Under 75 mortality rate from respiratory disease considered preventable, 2021 (Persons)	15.6	16.0	15.7	25.4	16.6	10.7	9.7	17.3	22.0	12.3
Under 75 mortality rate from respiratory disease, 2021 (Female)	22.5	22.2	18.8	40.1	17.8			24.5	36.4	
Under 75 mortality rate from respiratory disease, 2021 (Male)	30.8	26.3	25.6	38.4	39.2	22.1	18.8		28.4	20.8
Under 75 mortality rate from respiratory disease, 2021 (Persons)	26.5	24.2	22.2	39.2	28.2	17.2	16.3	21.6	32.4	19.2

Better Similar Worse Not Compared

Source: OHID, Fingertips

# Preventable mortality - Derbyshire

Healthy People > Mortality

## Preventable mortality – Derbyshire What is happening locally?

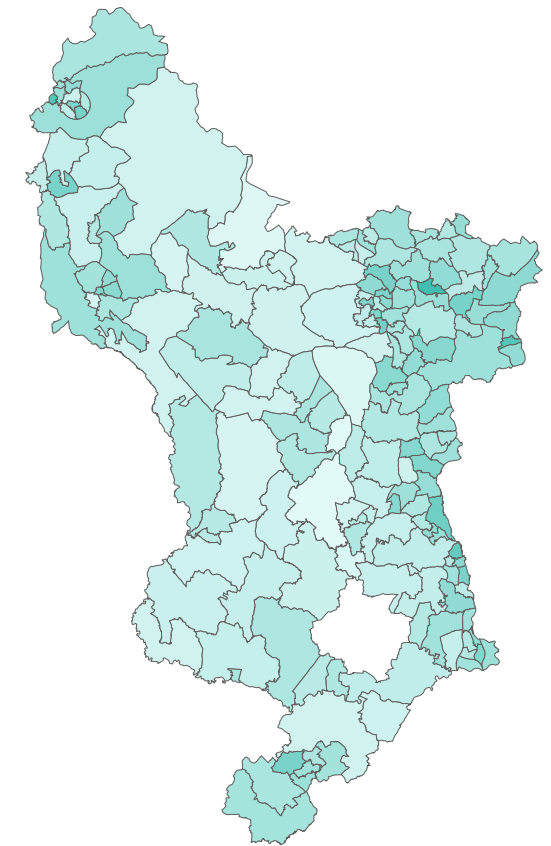
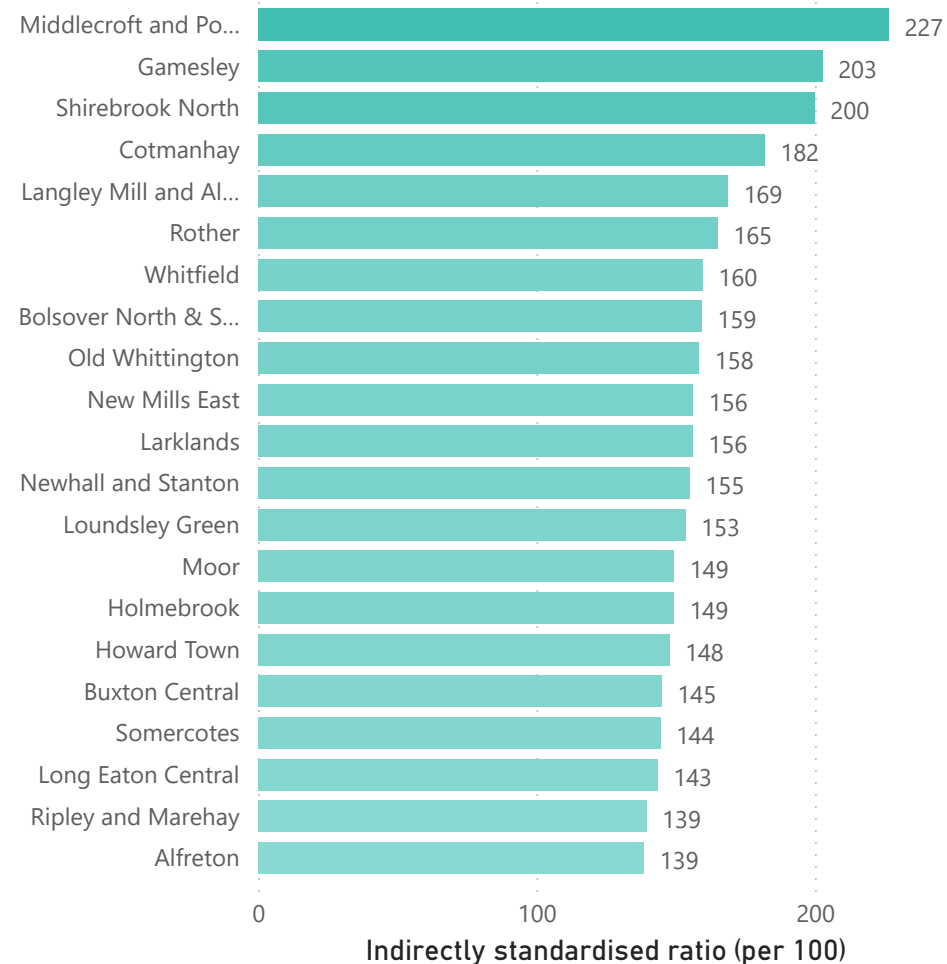
Between 2016-20, the standardised mortality ratio of deaths from causes considered preventable in those aged under 75 years was 97.1 per 100. This means that there were less deaths from causes considered preventable during this time-period.

Derbyshire ranks as 4th best for preventable mortality when compared to its 15 CIPFA nearest neighbours.

Preventable mortality is closely linked to deprivation, with the highest levels of preventable mortality in Derbyshire observed in Chesterfield and Bolsover; the two most deprived areas in the County.

The adjacent chart shows to 21 MSOAs with the highest rates of deaths from causes considered preventable

## Standardised mortality ratio for deaths from causes considered preventable (population aged under 75 years) by Ward, 2016-20



Source: OHID, Fingertips

# Excess winter deaths

Healthy People > Mortality

## Excess Winter Deaths

The number of excess winter deaths depends on the temperature and the level of disease in the population as well as other factors, such as how well equipped people are to cope with the drop in temperature. Most excess winter deaths are due to circulatory and respiratory diseases, and the majority occur amongst the elderly population(1). Research carried out by the Eurowinter Group(2) and Curwen(3) found that mortality during winter increases more in England and Wales compared to other European countries with colder climates, suggesting that many more deaths could be preventable in England and Wales.

## Excess Winter Deaths

Derbyshire had significantly more excess winter deaths between August 2019 - July 2020 compared to England (24.7% compared to 17.4%).

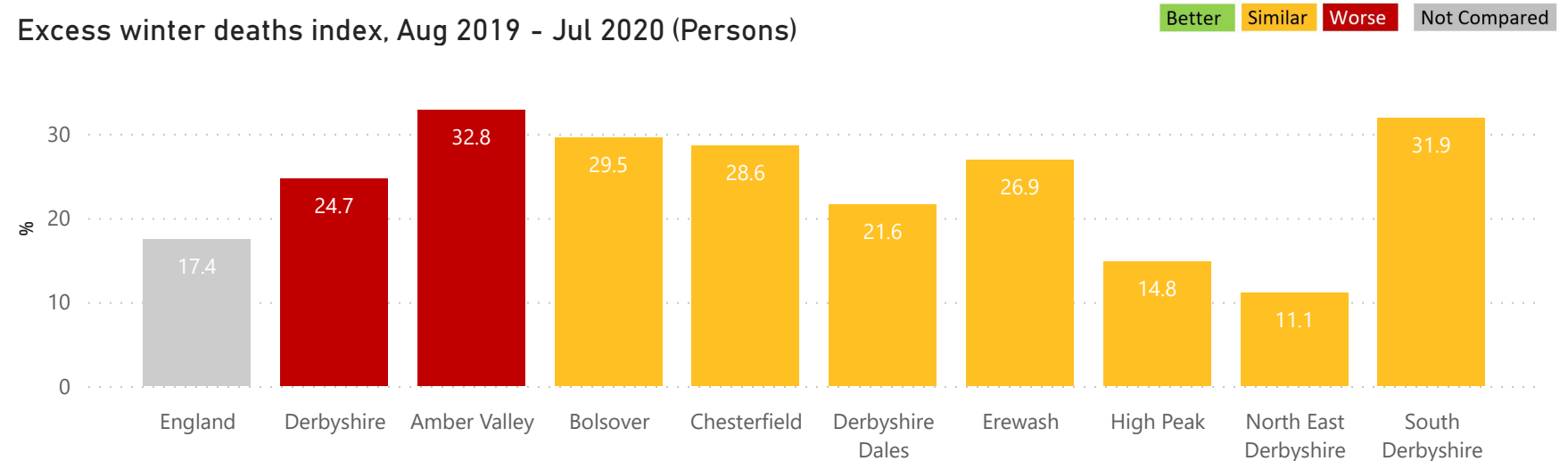
In the same period, within Derbyshire Amber Valley had a significantly higher rate compared to the national average.

## References

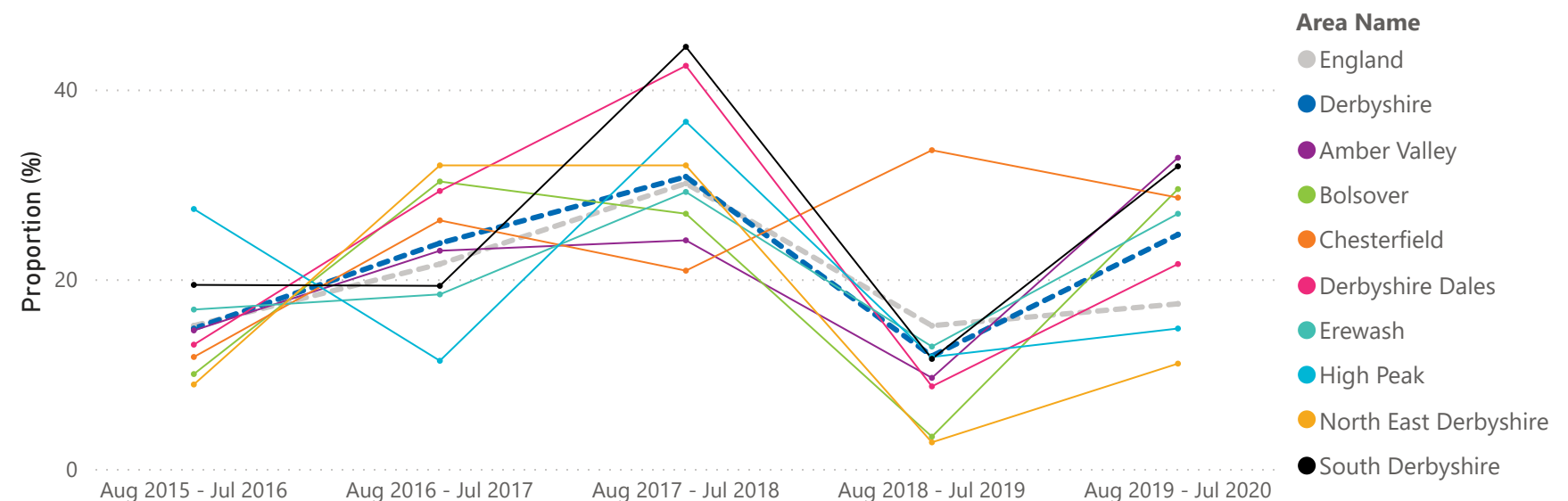
- 1) ONS Statistical Bulletin: Excess Winter Mortality in England and Wales, 2013/14 (Provisional) and 2012/13 (Final)
- 2) The Eurowinter group (1997) Cold exposure and winter mortality from ischaemic heart disease, cerebrovascular disease, respiratory disease, and all causes in warm and cold regions in Europe. The Lancet 349, 1341-1346
- 3) Curwen M (1990/91) Excess winter mortality: a British phenomenon? Health Trends 4, 169-75
- 4) Department of Health, Healthy lives, healthy people: Improving outcomes and supporting transparency, (23rd January 2012), accessed 15/05/13
- 5) Cold Weather Plan for England

Source: OHID, Fingertips

Excess winter deaths index, Aug 2019 - Jul 2020 (Persons)



Excess winter deaths index (Persons)



# Falls

Healthy People > Difficulties in life

## Falls

Falls are the largest cause of emergency hospital admissions for older people, and significantly impact on long term outcomes, e.g. being a major precipitant of people moving from their own home to long-term nursing or residential care.

### What is happening locally?

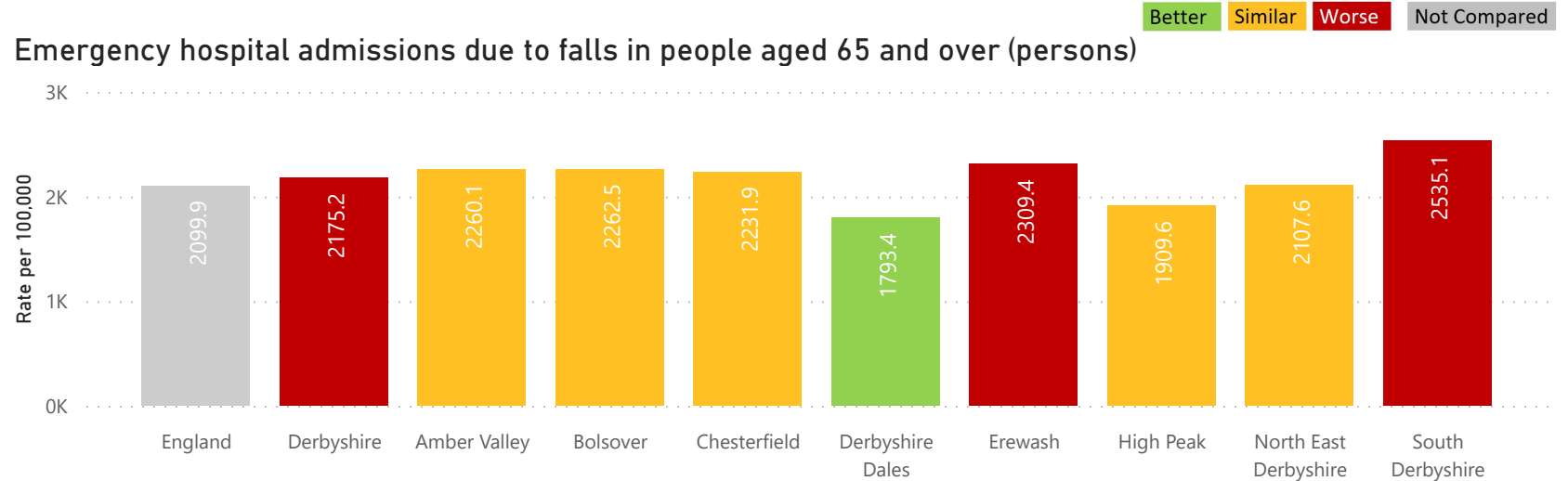
In 2021/22 there were 3,720 Emergency hospital admissions due to falls in people aged 65 and over in Derbyshire. This is a rate of 2,175 per 100,000, which is significantly higher than the England rate 2099.9 per 100,000 population). At a district and borough level Erewash and South Derbyshire had rates significantly higher than England (2309 and 2535 per 100,000 respectively).

The rate of Emergency hospital admissions due to falls in females aged 65 and over (2,446 per 100,000) was higher than the male rate (1,820 per 100,000).

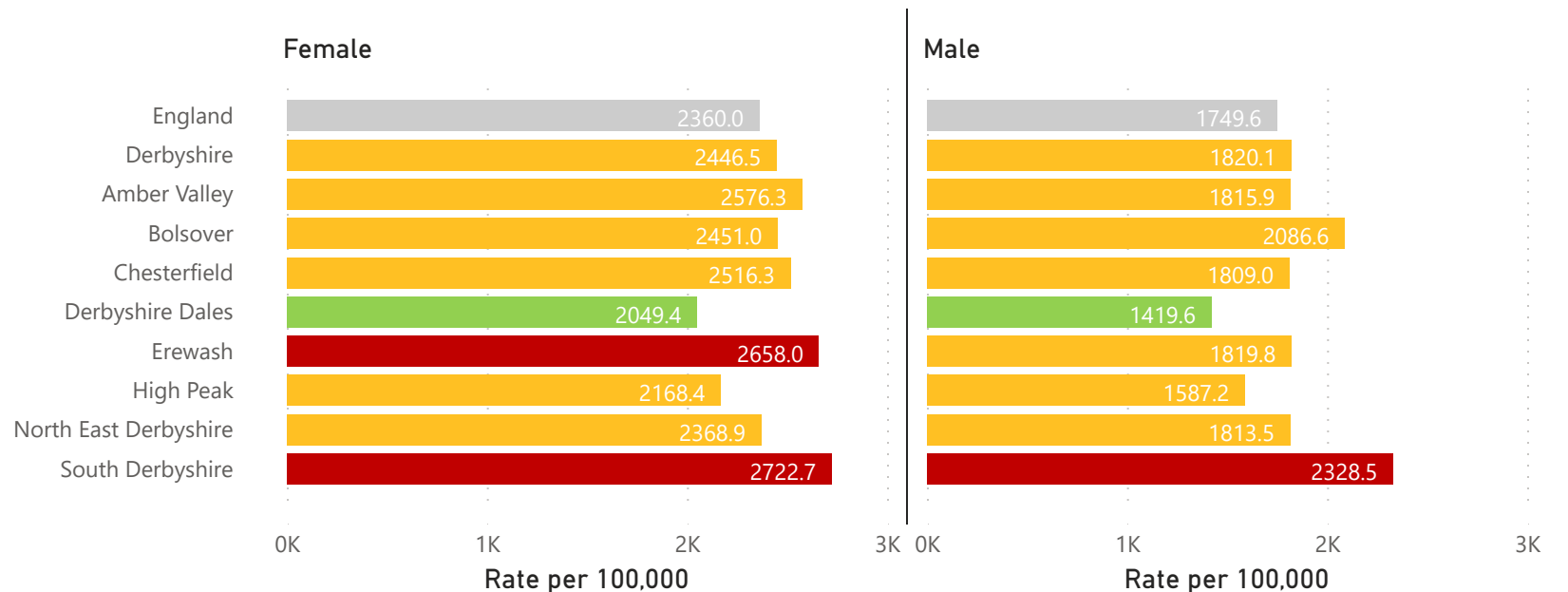
Erewash and South Derbyshire had significantly higher rate of falls in females when compared to the England rate. Erewash also had a significantly higher rate of falls in males.

Source: OHID, Fingertips

## Emergency hospital admissions due to falls in people aged 65 and over (persons)



## Emergency hospital admissions due to falls in people aged 65 and over



# Hip Fractures

Healthy People > Difficulties in life

## Hip Fractures

Hip fracture is a debilitating condition. Only one in three sufferers return to their former levels of independence and one in three ends up leaving their own home and moving to long term care. Hip fractures are almost as common and costly as strokes and the incidence is rising. In the UK, about 75,000 hip fractures occur annually at an estimated health and social cost of about £2 billion a year.

### What is happening locally?

The Derbyshire rates of hip fractures in people aged 65 and over is similar to the England value. The rate for persons in Derbyshire (563.8 per 100,000 population) was similar to England (551.2 per 100,000 population).

At a district and borough level rates of hip fractures in people aged 65 and over is similar to the England rate, apart from Derbyshire Dales that has a significantly better rate compared to Derbyshire.

Like the rate of falls, females have a higher rate of hip fractures compared to males across Derbyshire. This gender difference is primarily due to differences in bone density and strength between males and females.

## Hip fractures in people aged 65 and over (Female)

Better Similar Worse Not Compared



# Suicides

Healthy People > Mental Health

## Suicides

Suicide is a significant cause of death in young adults, and is seen as an indicator of underlying rates of mental ill-health. Suicide is a major issue for society and a leading cause of years of life lost. Suicide is often the end point of a complex history of risk factors and distressing events, but there are many ways in which services, communities, individuals and society as a whole can help to prevent suicides.

### What is happening locally?

In 2019-21 the suicide rate for Derbyshire (11.5 per 100,000, 244 deaths) was similar to the England rate (10.4).

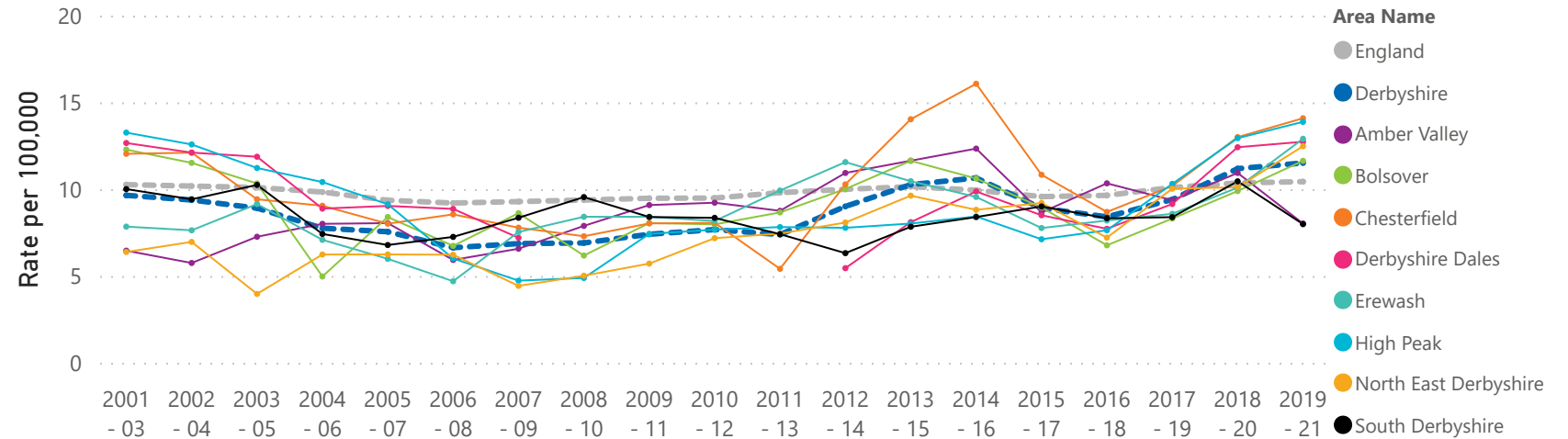
Since 2016-18 suicide rates across Derbyshire, and its district and boroughs has increased. Historically there has always been a significantly higher number of males that die by suicide, this pattern is shown in the latest data for 2019-2021, 75% of suicides were males (183) and 25% were female (61).

District and boroughs within Derbyshire reported similar rates to the county and the England figure, however, Chesterfield had a significantly higher rate of suicides in males 24.2 per 100,000.

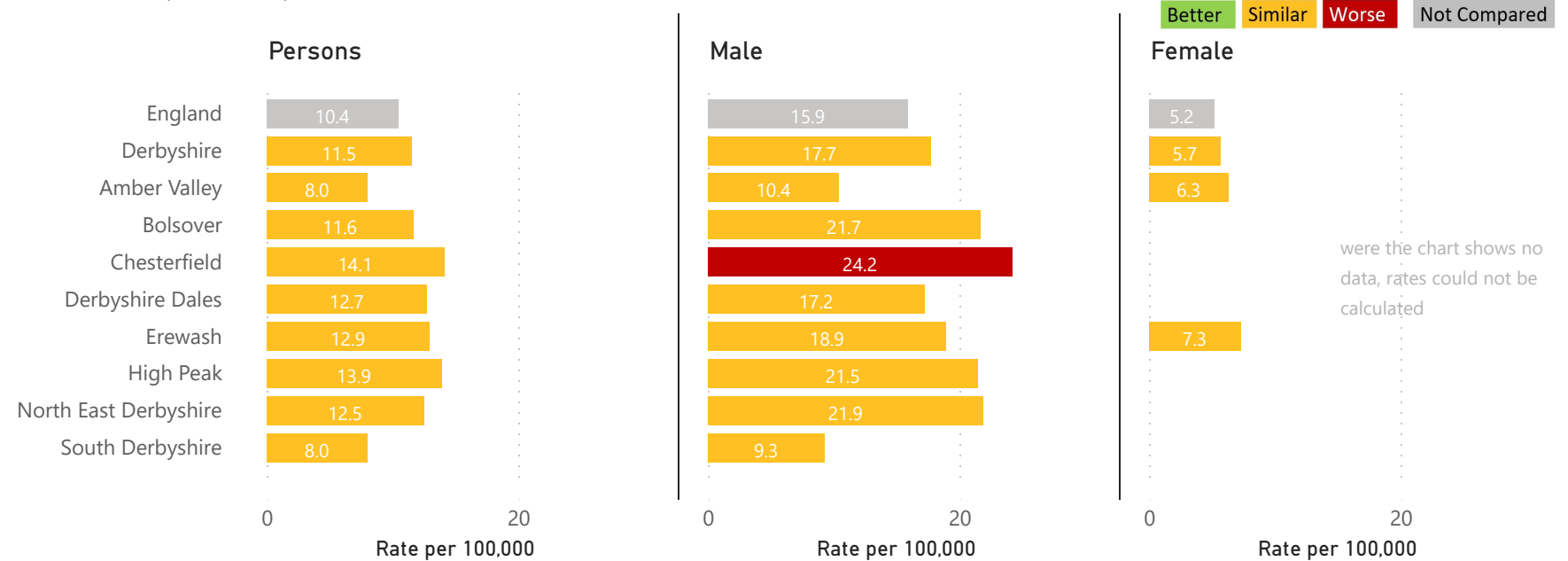
### Further information

An in depth analysis on this topic can be found [here](#).

## Suicide rate (Persons)



## Suicide rate (2019-21)



# Self-Harm

Healthy People > Mental Health

## Self-Harm

Mental health and well being is an important aspect of public health. This indicator is a measure of intentional self harm. Self harm results in approximately 110,000 inpatient admissions to hospital each year in England, 99% are emergency admissions. Self harm is an expression of personal distress and there are varied reasons for a person to harm themselves irrespective of the purpose of the act. There is a significant and persistent risk of future suicide following an episode of self harm.

## What is happening locally?

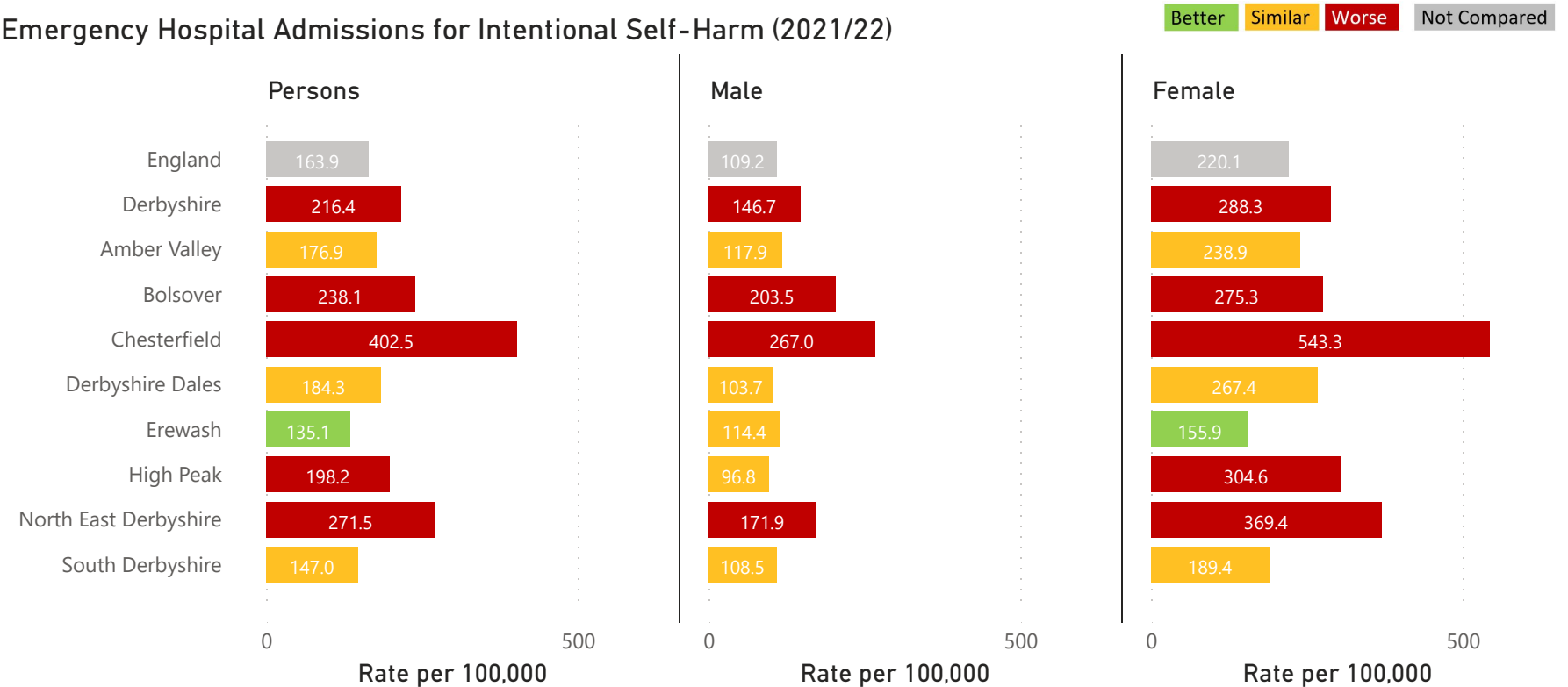
In 2021/22 rates of emergency hospital admissions for intentional self-harm for Derbyshire (216.4 per 100,000) were significantly higher than the England rate (163.9).

Emergency admissions due to self-harm were higher in females compared to males. The rate of emergency admissions for self-harm in females was 288.3 per 100,000 population, whereas the rate in males was 146.7 per 100,000 population.

At a district and borough level rates varied, Bolsover, Chesterfield, High Peak and North East Derbyshire had significantly higher rates compared to England. Chesterfield had the highest rate, 402.5 per 100,000.

Source: OHID, Fingertips

## Emergency Hospital Admissions for Intentional Self-Harm (2021/22)



# Disability

Healthy People > Difficulties in life

## Disability

This indicator can be used to help develop and monitor equality policy, particularly with regards to the delivery of healthcare, assessment of progress towards better population health, and the reduction of health inequalities. Data on disability are also useful for devising policies to improve access to services, such as adult education and leisure facilities.

### What is happening locally?

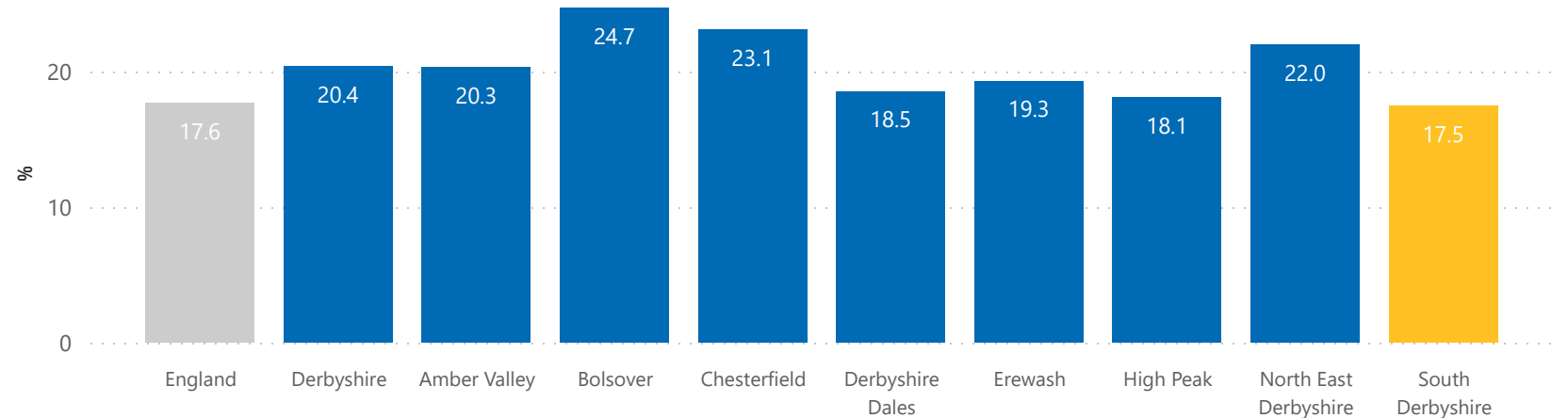
20.4% of the Derbyshire population reported having a limiting long term illness or disability in 2011, significantly higher than the England figure of 17.6%. Within Derbyshire all district and boroughs apart from South Derbyshire (17.5% - similar) had a higher percentage of their population reporting a limiting long term illness or disability than the England average.

In Derbyshire, 81% of adults in contact with secondary mental health services lived in stable and appropriate accommodation in 2020/21, which is significantly better than England, where this figure is 58%.

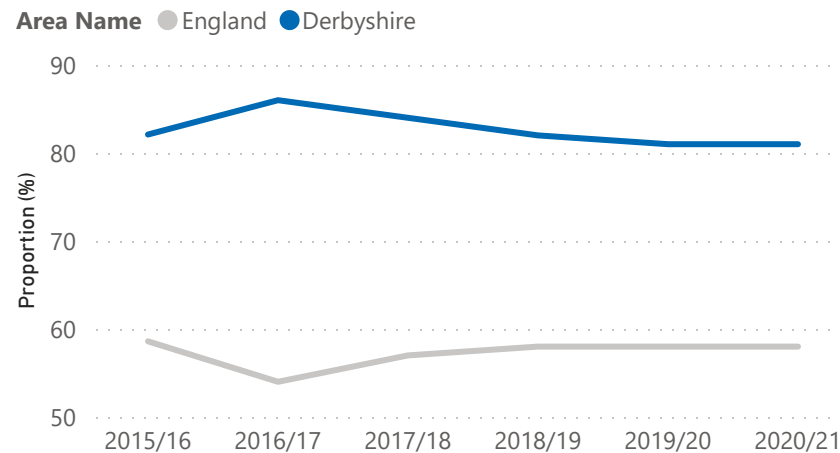
In 2020/21, 86.1% of adults with a learning disability lived in stable and appropriate accommodation in Derbyshire, significantly higher than 78.8% in England.

Source: OHID, Fingertips

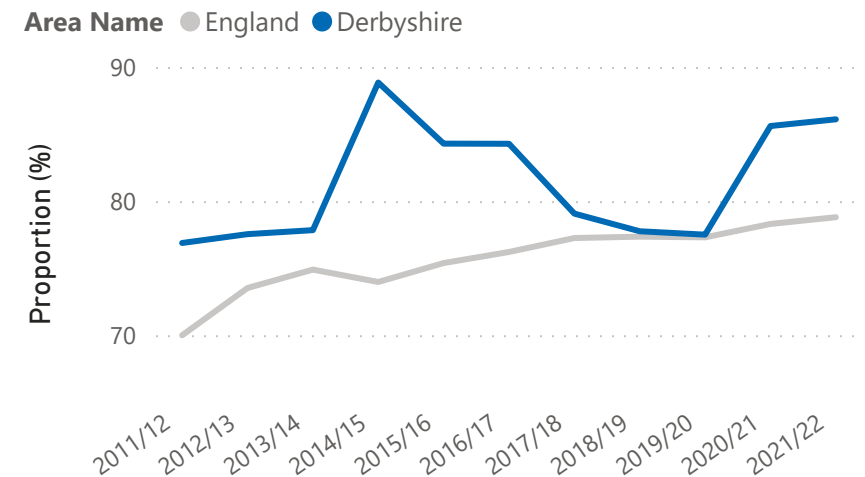
Percentage of people who reported having a limiting long term illness or disability (2011)



Adults in contact with secondary mental health services who live in stable and appropriate accommodation (Persons)



Adults with a learning disability who live in stable and appropriate accommodation (Persons)





# Mental Wellbeing

Healthy People > Mental Health

## Mental wellbeing

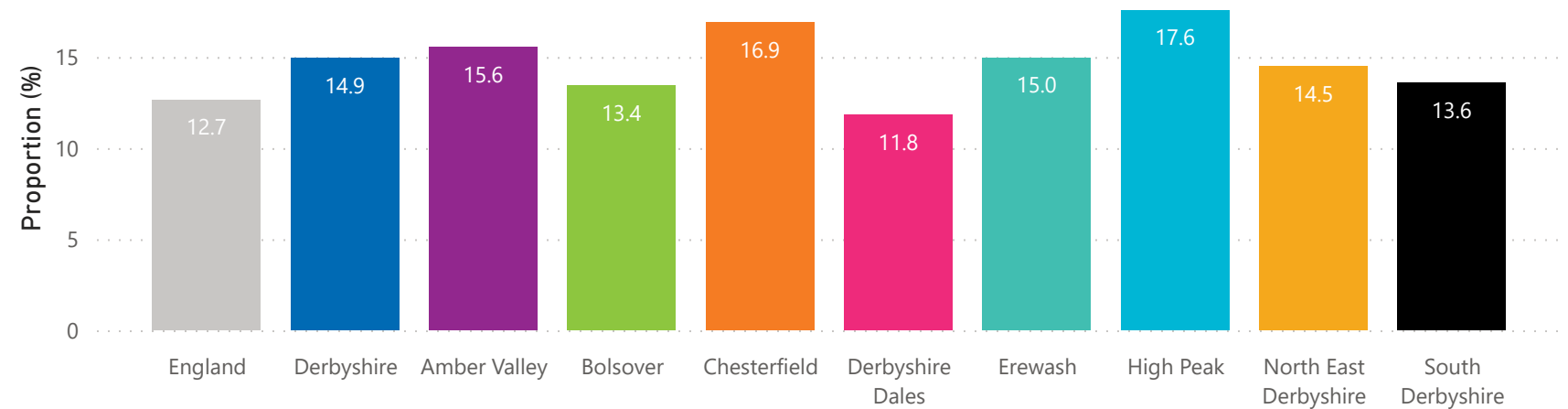
Mental health is vital to public health: mental wellbeing is critically important to quality of life and is protective against physical illness, social inequalities and unhealthy lifestyles. Our mental wellbeing enables us to get the most from life and feel connected to friends and family, fulfil our potential, contribute to communities and to adopt healthy lifestyles. Conversely, poor mental health and serious mental illness (SMI) can be a significant burden to individuals, families and communities, affecting the quality of lives lived and leading to preventable early deaths: people with severe mental illness are 3.7 times more likely to die early than the general population.

## What is happening locally?

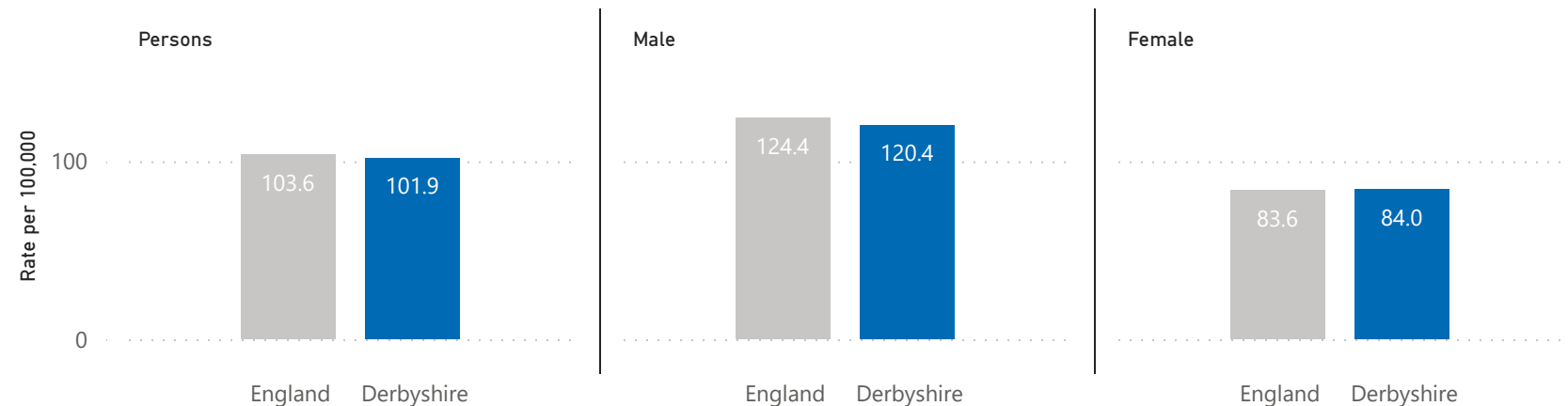
Both locally and nationally, there has been a sharp increase in the prevalence of anxiety and depression in recent years. During 2021/22, the prevalence of depression in adults was 14.9% in Derbyshire and 12.7% in England during the same time-period.

In Derbyshire the rate of premature mortality in adults with SMI during 2018-20 was similar to the England rate (102 deaths per 100,000 compared to 104 per 100,000 respectively). During 2018-20, the rate of premature mortality in adults with SMI was significantly higher in males than females, in Derbyshire (120.4 vs 84.0 per 100,000, respectively).

Depression: QOF prevalence (18+ yrs), 2021/22 (Persons)



Directly standardised rate of premature mortality in adults with severe mental illness (SMI) (aged 18-74 years), 2018-20



Source: OHID, Fingertips

# Self-reported wellbeing

Healthy People > Mental Health

## Self-reported wellbeing

Well being is a key issue for Derbyshire. People with higher well being have lower rates of illness, recover more quickly and for longer, and generally have better physical and mental health. Data from the Annual Population Survey (APS) provides estimates of the populations self reported wellbeing.

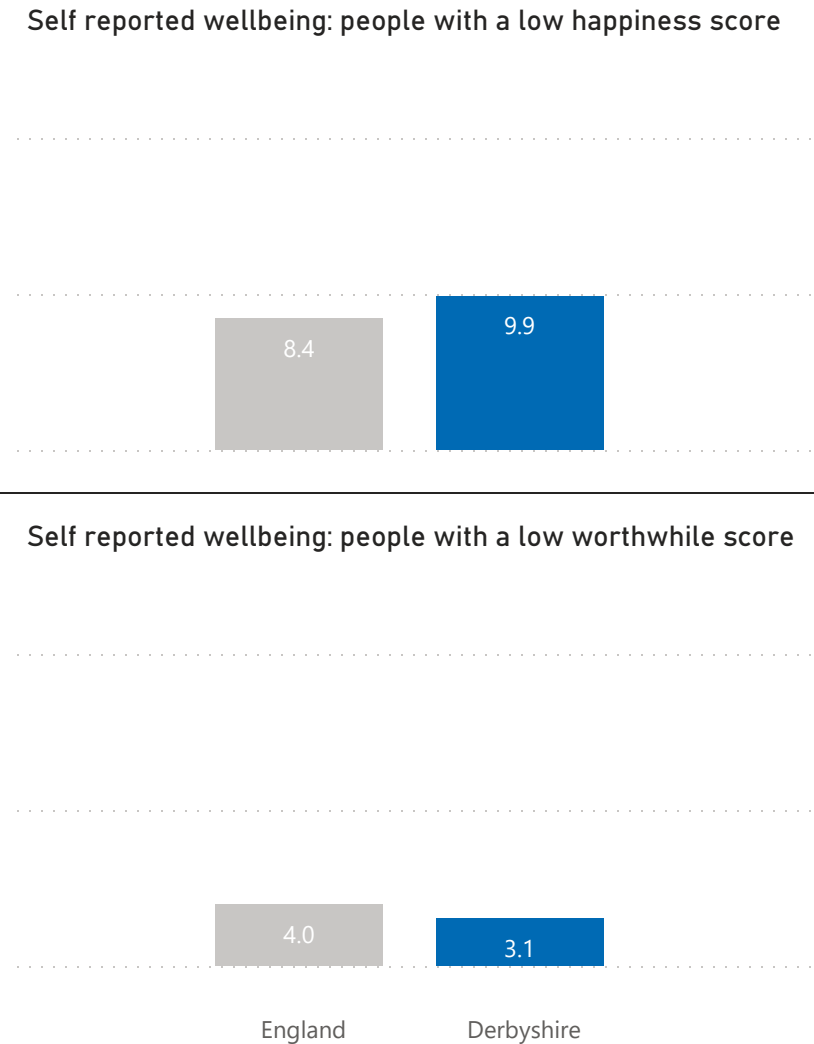
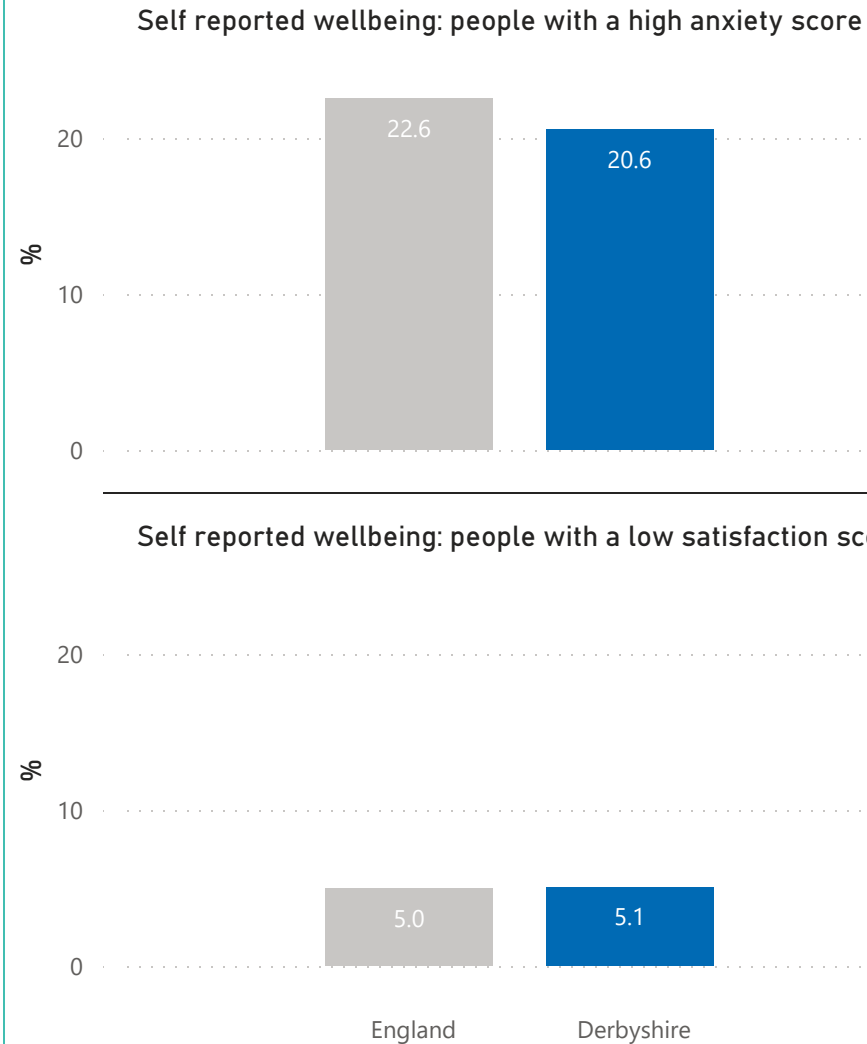
## What is happening locally?

During 2021/22, the percentage of the population aged 16+ that self-reported low satisfaction was similar in Derbyshire and in England (5.1% compared to 5%).

In the same period, 9.9% of the population in Derbyshire self-reported low happiness compared to 8.4% in England, while 3.1% of the population in Derbyshire self-reported a low worthwhile score compared to 4% in England.

20.6% of the population self-reported a high anxiety score in Derbyshire, similar to England's 22.6%.

## Self Reported Wellbeing Scores (2021/22)



Source: OHID, Fingertips

# Self-reported wellbeing<sup>(2)</sup>

Healthy People > Mental Health

## Self-reported wellbeing

Well being is a key issue for the Government and Office for National Statistics (ONS) are leading a programme of work to develop new measures of national well being. People with higher well being have lower rates of illness, recover more quickly and for longer, and generally have better physical and mental health.

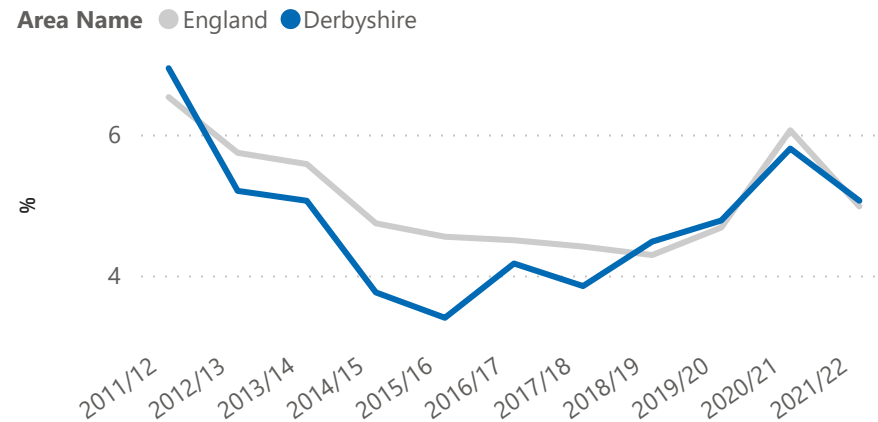
## What is happening locally?

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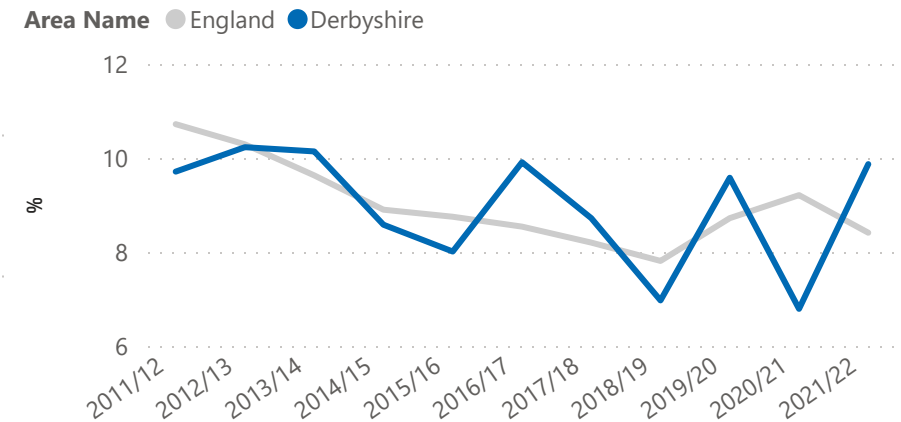
In the same period, 9.9% of the population in Derbyshire self-reported low happiness compared to 8.4% in England, while 3.1% of the population in Derbyshire self-reported a low worthwhile score compared to 4% in England.

20.6% of the population self-reported a high anxiety score in Derbyshire, similar to England's 22.6%.

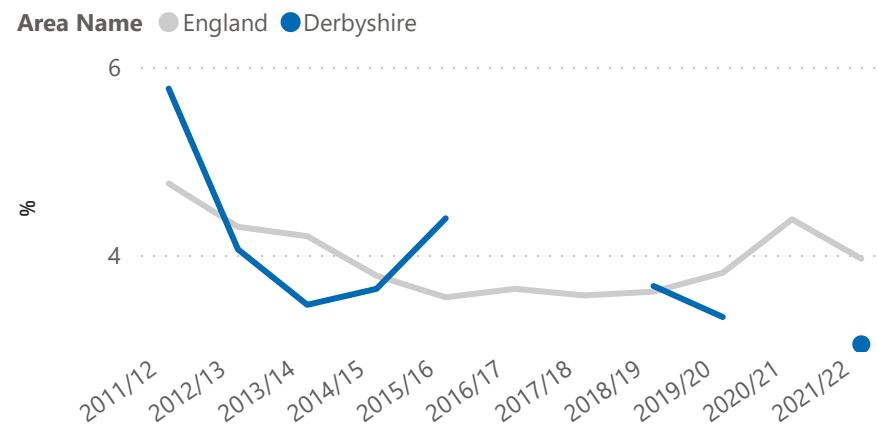
### People with low satisfaction score (2021/22)



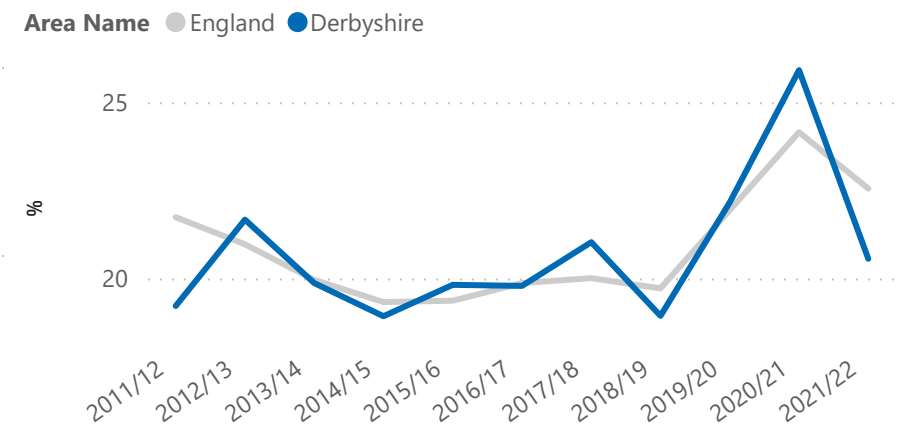
### People with a low happiness score (2021/22)



### People with a low worthwhile score (2021/22)



### People with a low anxiety score (2021/22)



# Common mental health disorders - prevalence

Healthy People > Mental Health

## Common mental health disorders - estimated prevalence

The estimated proportion of the population aged 16 & over who have a common mental disorder (CMD), where CMD is defined as any type of depression or anxiety.

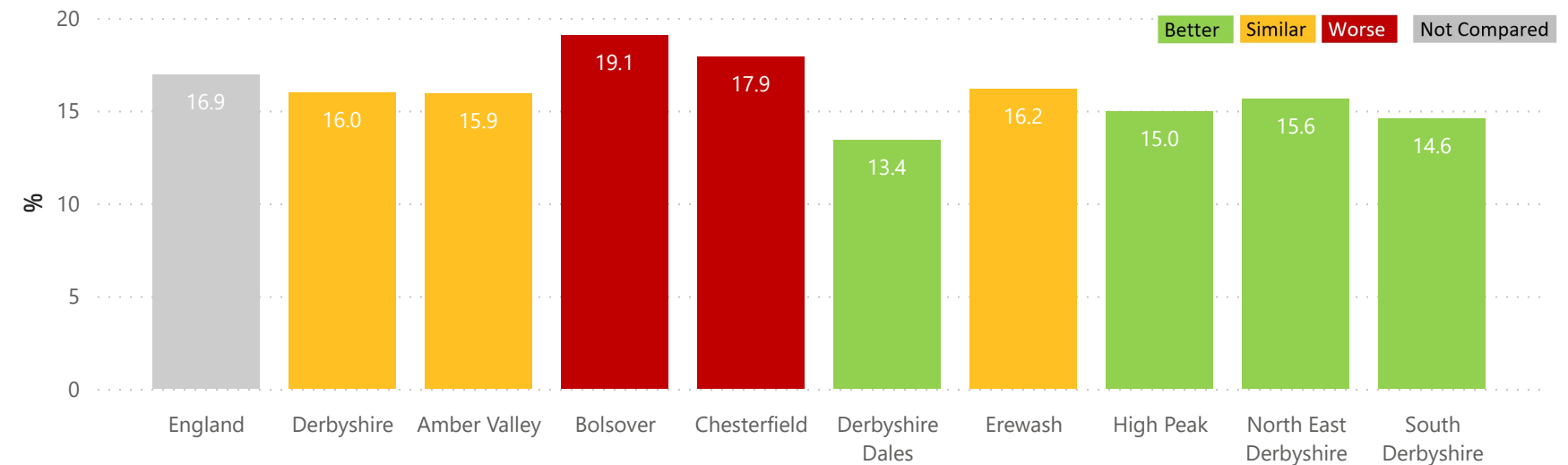
### What is happening locally?

In 2017, the estimated prevalence of common mental disorders in the population aged 16+ years was similar in Derbyshire (16%) and England (17%).

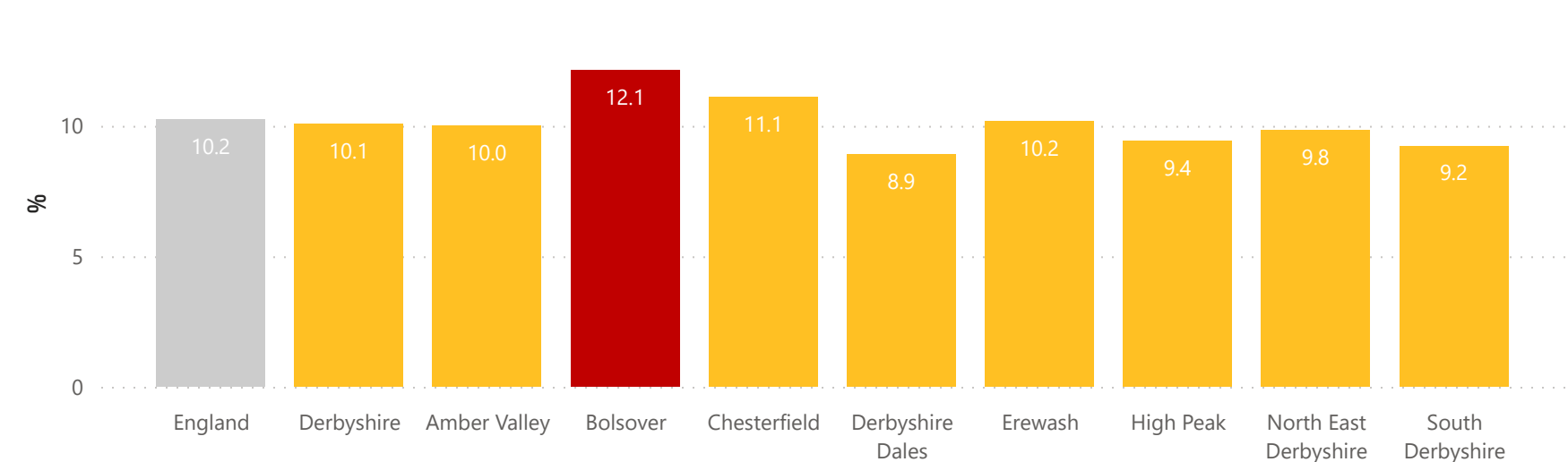
Within Derbyshire, Amber Valley and Erewash had similar estimated prevalence to England (15.9% and 16.2% respectively) and Bolsover and Chesterfield had worse estimated prevalence than England (19.1% and 17.9%). Derbyshire Dales, High Peak, North East Derbyshire, and South Derbyshire all had better estimated prevalence than England, with Derbyshire Dales having the lowest (13.4%).

In 2017, the estimated prevalence of common mental disorders in the population aged 65 and over was similar in England (10.2%) and Derbyshire (10.1%). Bolsover had the highest prevalence (12.1%).

Estimated prevalence of common mental disorders: % of population aged 16 & over, 2017 (Persons)



Estimated prevalence of common mental disorders: % of population aged 65 & over, 2017 (Persons)



Source: OHID, Fingertips

# Adult Care Service Users

Healthy People > ASCOFS

## Adult Care Service Users

Every year Councils carry out a survey to get feedback from their services users and carers (every other Year). The collects information on a range of areas, including social isolation.

In January 2022, there were 9027 people in Derbyshire receiving social service care or support and a random sample of 1265 people were sent the survey, with 398 (31.5%) returned completed. On this page is a summary of the main Adult Social Care Outcomes Framework Measures derived from the survey.

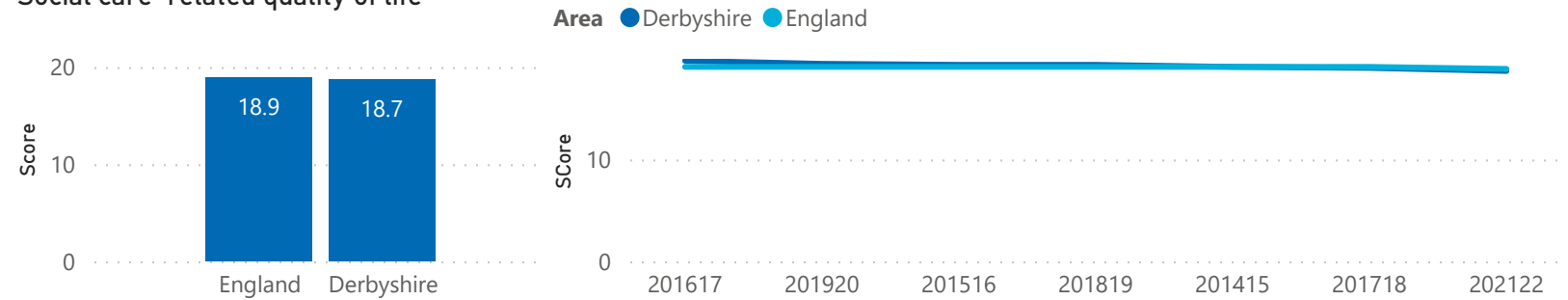
Social care-related quality of life decreased slightly in 2021/22 to 18.7, the score for Derbyshire was not significantly different from the scores for England (18.9).

In recent years, the proportion of people using services who have control over their daily life has remained fairly consistent. The latest survey for 2021/22 indicates that 76.1% of people who use services in Derbyshire have control over their daily life. This is similar to the score for England as a whole (76.9%).

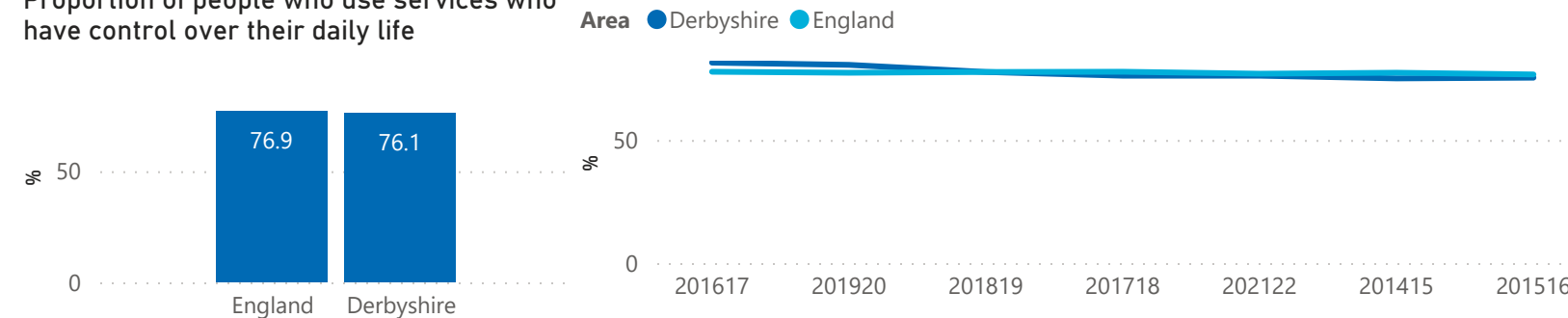
There has been a decrease in the proportion of people who said they had as much social contact as they liked, reflecting the restrictions imposed by the Covid-19 pandemic. Derbyshire results (40.7%) are similar to England (40.6%).

Over the last two years there has been a decrease in the satisfaction of services. This year results show that the rate has decreased slightly from 68% to 67.1%.

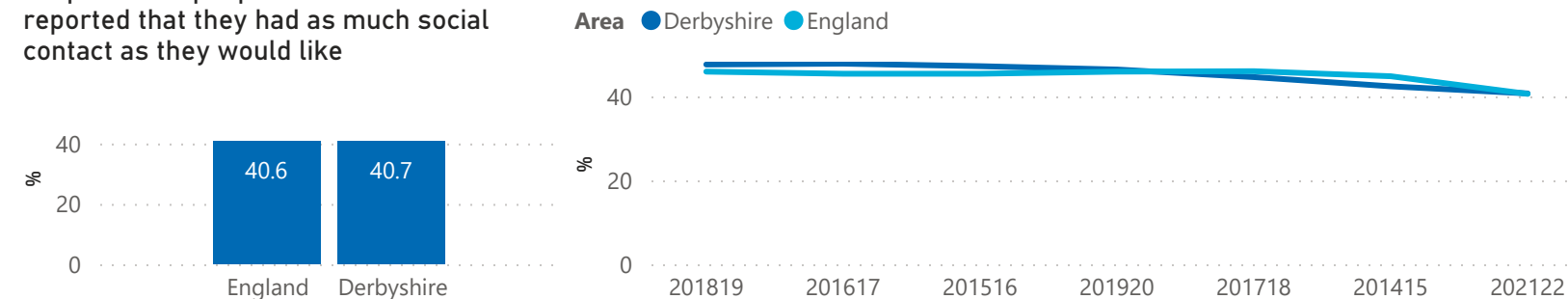
## Social care-related quality of life



## Proportion of people who use services who have control over their daily life



## Proportion of people who use services who reported that they had as much social contact as they would like



# Adult Care Service Users<sup>(2)</sup>

Healthy People > ASCOFS

## Adult Care Service Users (2)

Every year Councils carry out a survey to get feedback from their services users and carers (every other Year). The collects information on a range of areas, including social isolation.

In January 2022, there were 9027 people in Derbyshire receiving social service care or support and a random sample of 1265 people were sent the survey, with 398 (31.5%) returned completed. On this page is a summary of the main Adult Social Care Outcomes Framework Measures derived from the survey.

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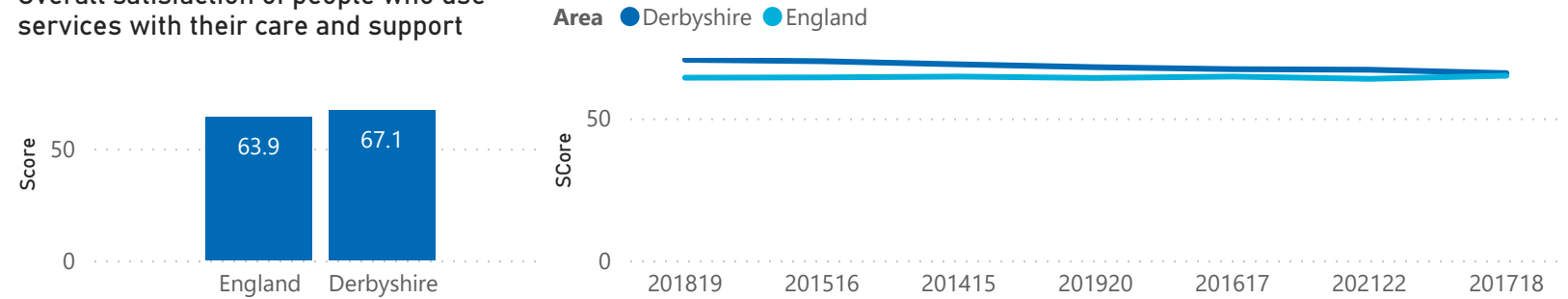
The proportion of those who find it easy to find information about services. There has been a slight drop this year (67.9%) in Derbyshire compared to last year (68.9%), but this is not statistically significant. This year's rate is slightly higher than England (64.6%).

the proportion of people who feel safe. While there has been a decrease in the rate in Derbyshire (68.8%), this is not statistically significantly lower than last year (70.7%) or compared to England (69.2%).

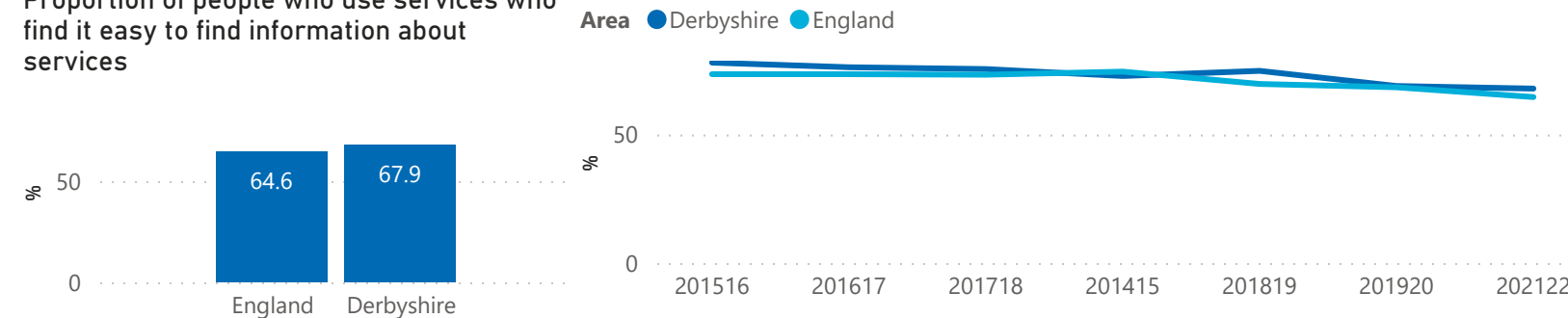
A full report on the findings can be found here:

[https://observatory.derbyshire.gov.uk/wp-content/uploads/reports/documents/health/specialist-reports-and-assessments/2022/Adult Social Care Main Findings 2021 22 v6.pdf](https://observatory.derbyshire.gov.uk/wp-content/uploads/reports/documents/health/specialist-reports-and-assessments/2022/Adult-Social-Care-Main-Findings-2021-22-v6.pdf)

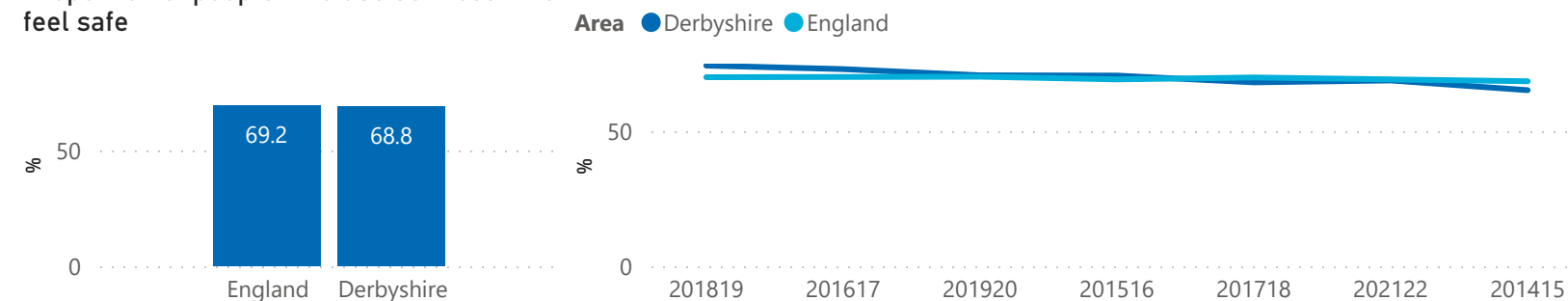
Overall satisfaction of people who use services with their care and support



Proportion of people who use services who find it easy to find information about services



Proportion of people who use services who feel safe



# Adult Carers <sup>(1)</sup>

Healthy People > Carers

## Adult Carers

The current population of Derbyshire is 794,600 (2021 Census), 12,046 are actively registered with Derbyshire Carers Association, as of October 2022. However, the 2021 census indicated there were xxx carers living in Derbyshire.

Every year Councils carry out a survey to get feedback from their services users and carers ( every other Year). The collects information on a range of areas, including social isolation.

Derbyshire conducted the mandatory Survey of Adult Carers in England in Autumn 2021, below is an overview of the Adult Social Care Outcome Framework Measures (ASCOFs) from this survey.

### 1D Carer reported quality of life

This is declining nationally over time. However, Derbyshire with a score of 6.7 out of 12 is significantly lower than England (7.3).

### 1I2 The proportion of carers who reported they had as much social contact as they would like

This has declined 10% since the previous SACE 2018/19, to 19.3%; it is significantly lower than the England average of 28%.

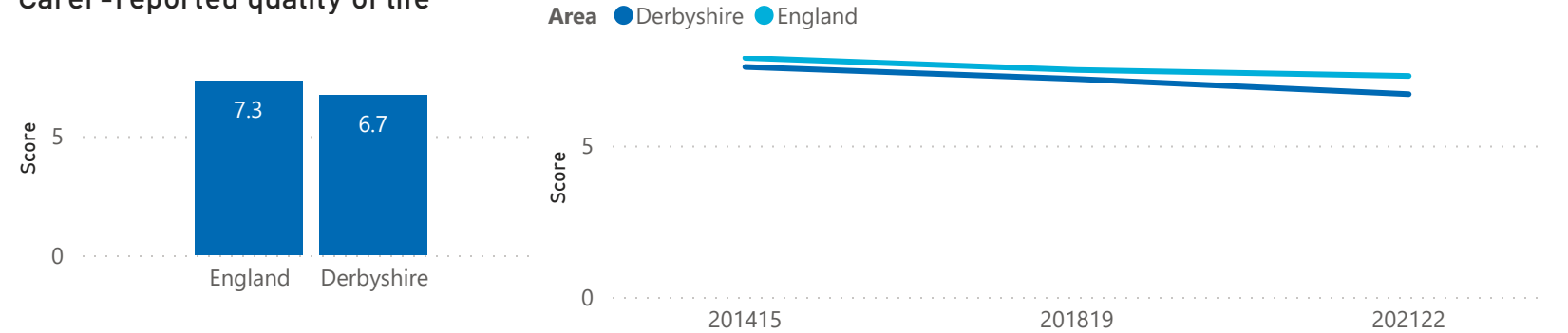
### 3B Overall satisfaction with social services

Though this decreased slightly since the previous survey, at 41.3% it is higher than England (36.3%), though not significantly.

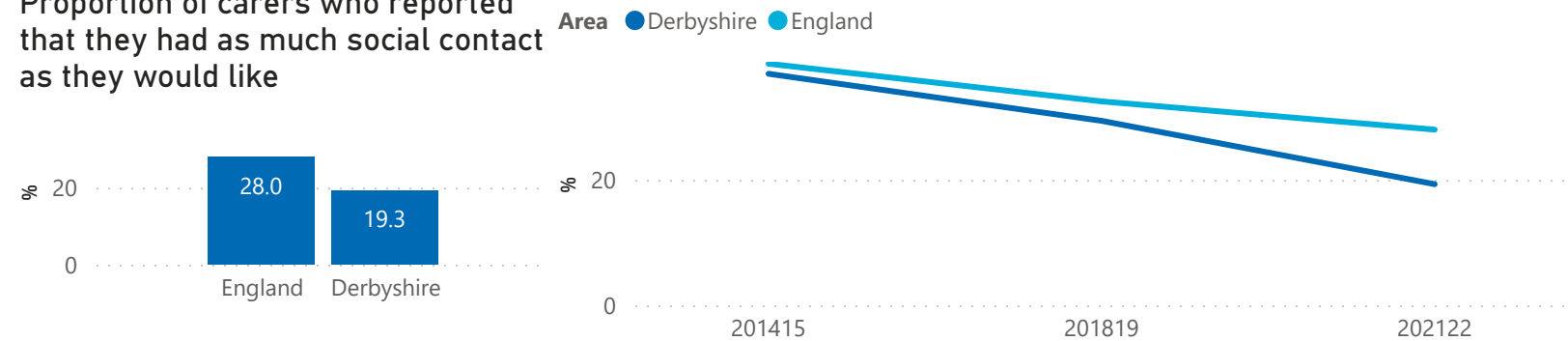
A full report on the findings can be found here:

[https://observatory.derbyshire.gov.uk/wp-content/uploads/reports/documents/health/specialist\\_reports\\_and\\_assesments/2022/SACE\\_2021\\_22\\_Main\\_Findings\\_Report\\_v6.pdf](https://observatory.derbyshire.gov.uk/wp-content/uploads/reports/documents/health/specialist_reports_and_assesments/2022/SACE_2021_22_Main_Findings_Report_v6.pdf)

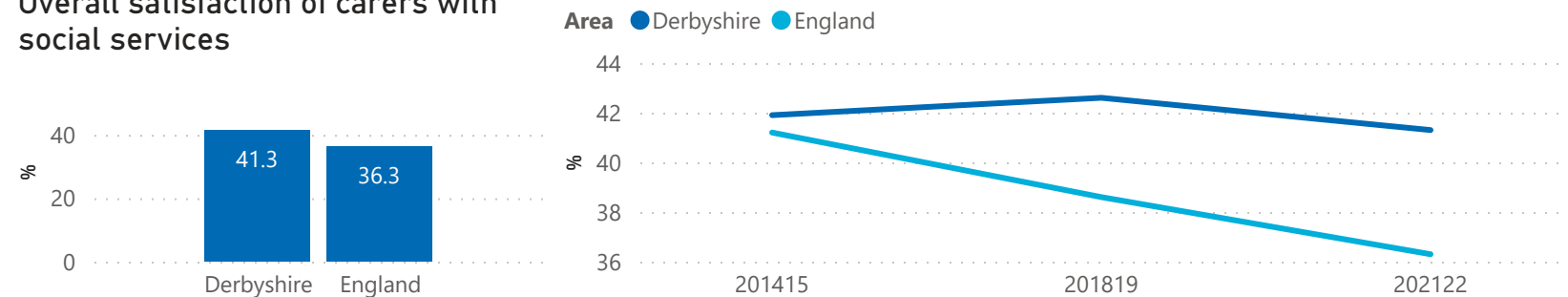
## Carer-reported quality of life



## Proportion of carers who reported that they had as much social contact as they would like



## Overall satisfaction of carers with social services



# Adult Carers

Healthy People > Carers

## Adult Carers

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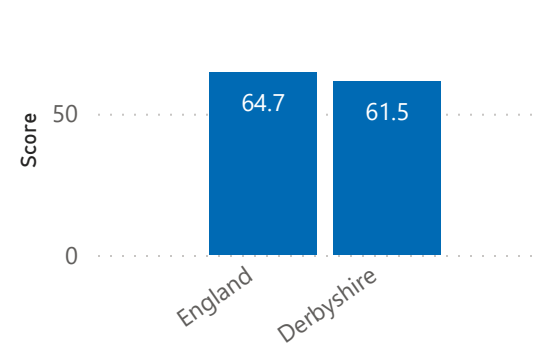
### 3C The proportion of carers who report they had been included or consulted in discussion about the person they care for

This indicator, possibly impacted by the Covid-19 pandemic, saw a decline of over 12% since the previous survey (74.1%). 61.5% of carers felt they had been included or consulted compared with England's proportion of 64.7%.

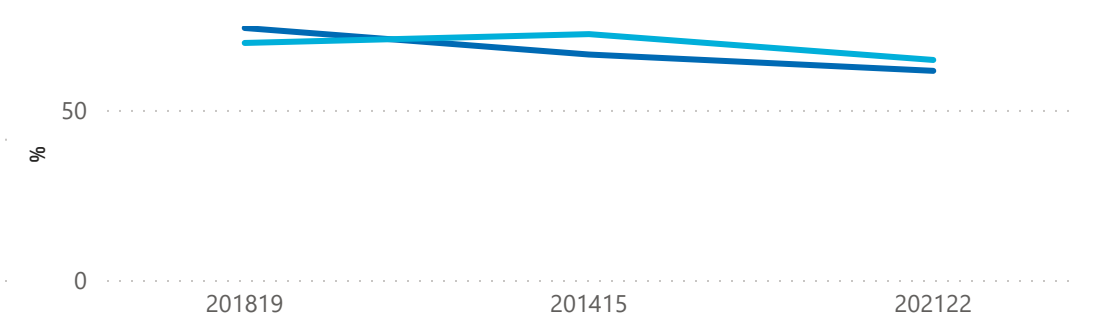
### 3D2 The proportion of carers who find it easy to find information about services/support

62.4% of Derbyshire carers, who responded, found it easy to find information. This is a decrease from 71% in 2018/19, but slightly higher than the 2021/22 rate for England (57.7%)

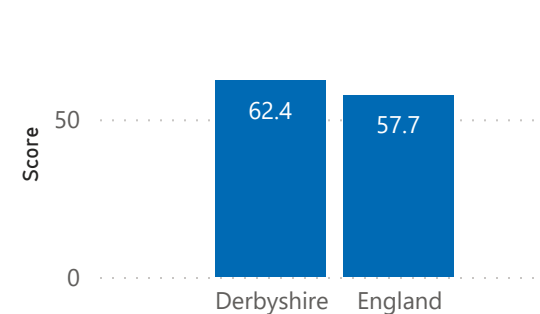
Proportion of carers who report that they have been included or consulted in discussion about the person they care for



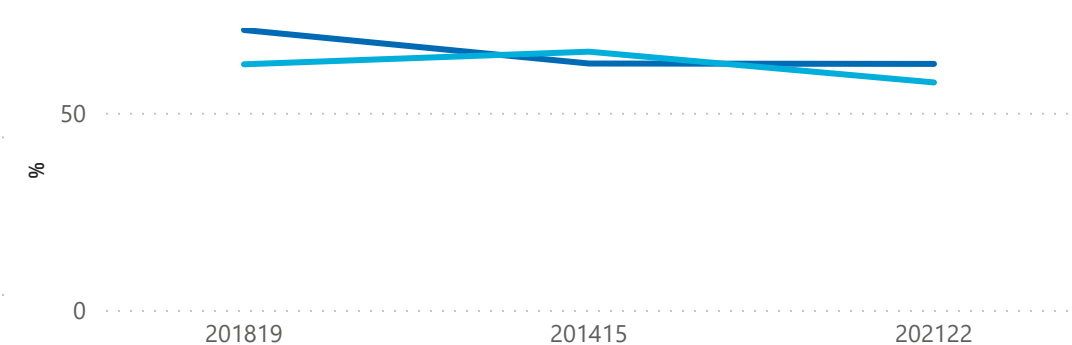
Area ● Derbyshire ● England



Proportion of carers who find it easy to find information about services



Area ● Derbyshire ● England





# Cancer

Healthy People > Physical health conditions

## Cancer Prevalence

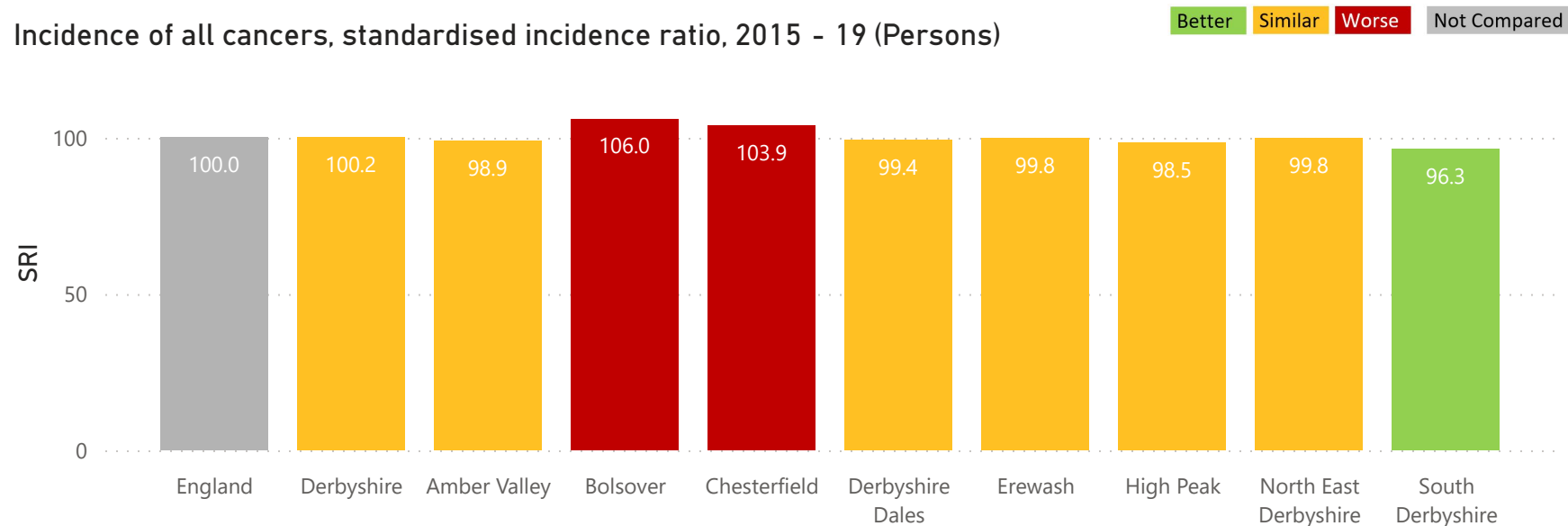
Around one person in two in the UK will develop a cancer at sometime in their life. The most common cancers are of the breast, lung, bowel, colorectal and prostate, together accounting for over half of all new cancers each year.

Cancer is a clinical priority in all four countries of the UK. It is recognised that the principal active management of cancers occurs in the secondary care setting. General practice often has a key role in the referral and subsequent support of cancer patients and in ensuring that care is appropriately co-ordinated.

## What is happening locally?

The standardised incidence ratio for incidence of all cancers in 2015-19 was similar for England (100) and Derbyshire (100.2). Within Derbyshire, Chesterfield and Derbyshire Dales were worse than England (106 and 104 respectively), and South Derbyshire had the lowest incidence (96.3).

Incidence of all cancers, standardised incidence ratio, 2015 - 19 (Persons)



Source: OHID, Fingertips

# CHD prevalence

Healthy People > Physical health conditions

## Cardiovascular conditions - prevalence

Cardiovascular disease (CVD) is a leading cause of mortality and morbidity in the UK and accounts for almost two thirds of all deaths in the UK. CVD refers to diseases that affect the heart and blood vessels, or both; it is usually caused by atherosclerosis (an increased risk of blood clots). There are four main types of CVD- coronary heart disease, stroke, transient ischaemic attack (TIA) and peripheral arterial disease.

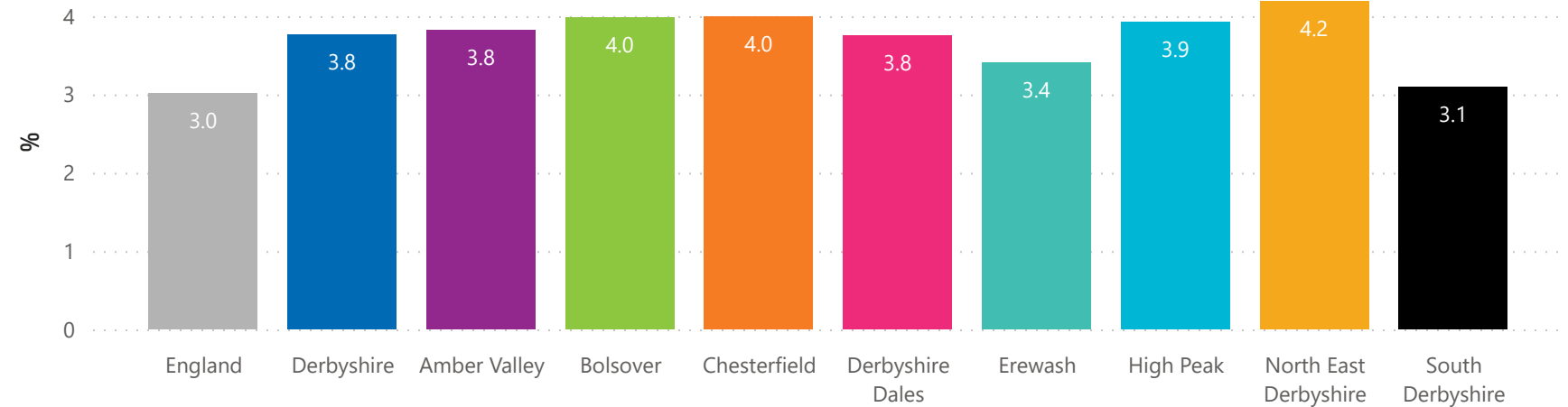
Coronary heart disease (CHD) is the single most common cause of premature death in the UK. The research evidence relating to the management of CHD is well established and if implemented can reduce the risk of death from CHD and improve the quality of life for patients.

## What is happening locally?

In 2021/22 30,811 people in Derbyshire were on the CHD register, this represents 3.8% of patients registered to a Derbyshire practice and is higher than the England rate of 3.0%.

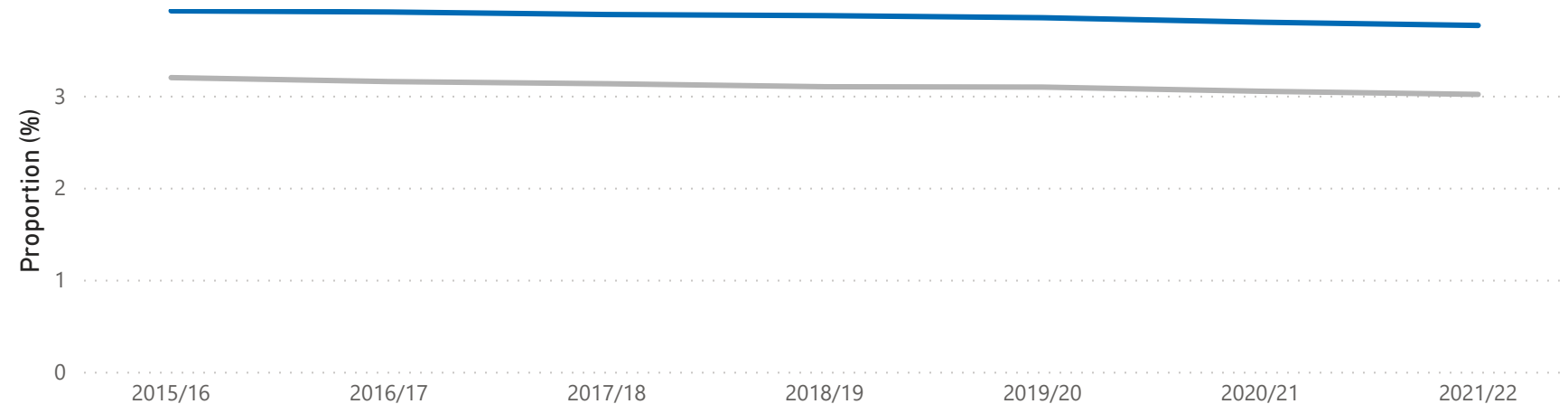
At a district and borough area level values range from 3.4% in Erewash and 4.2% in North East Derbyshire

CHD: QOF prevalence (all ages), 1y, 2021/22 (Persons)



CHD: QOF prevalence (all ages), 1y (Persons)

Area Name ● England ● Derbyshire





# Dementia

Healthy People > Physical health conditions

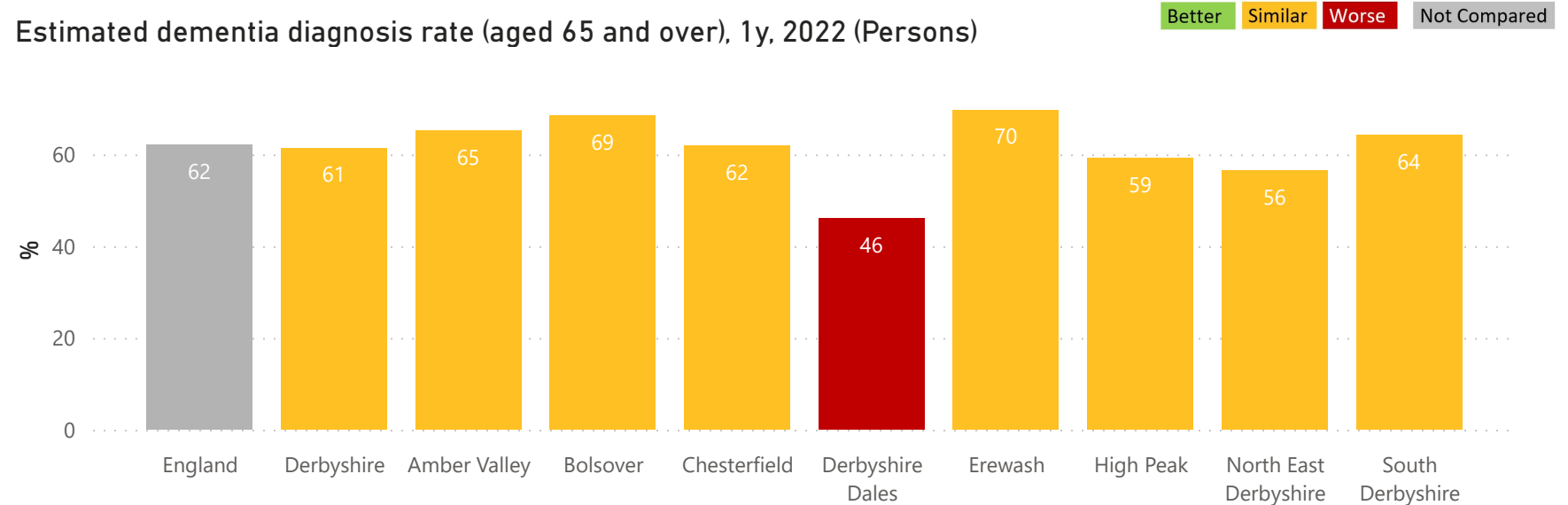
## Dementia Prevalence

Dementia is a range of symptoms associated with mental functions that interfere with daily activities, it can affect memory, language, orientation, judgement, and social behaviour. There are various subtypes of dementia, the most common are Alzheimers disease, vascular dementia, Lewy bodies and frontotemporal dementia. The main risk factor for dementia is age and as the life expectancy of our population increases it is expected that the numbers of people living with dementia will rise.

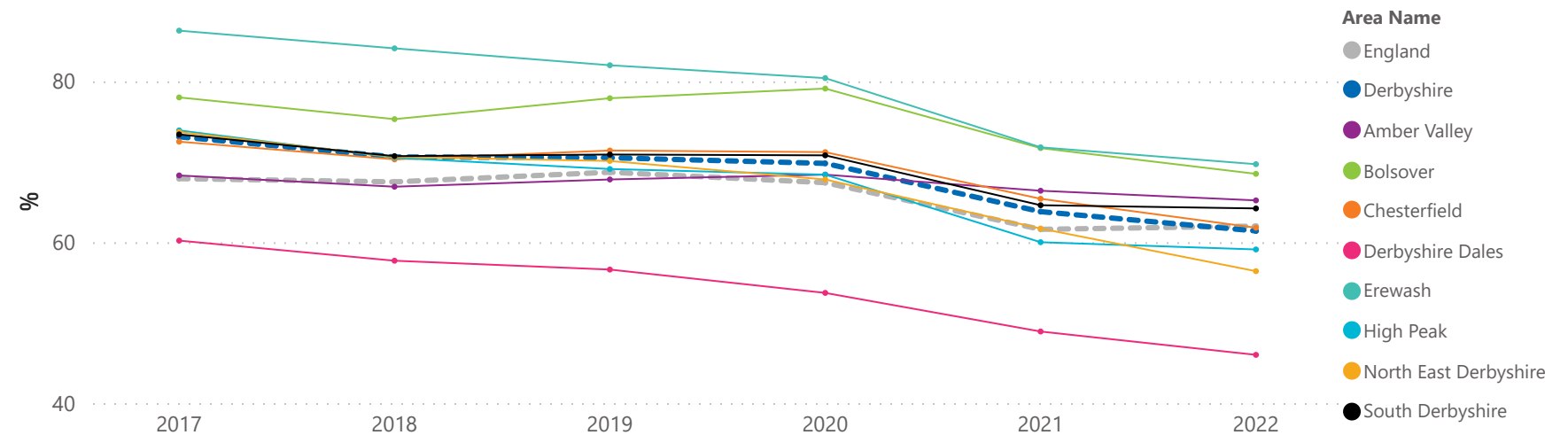
## What is happening locally?

Derbyshire had a similar estimated dementia diagnosis rate in people aged 65 and over in 2022 as England (61% compared to 62%). Rates across Derbyshire were similar to the national and Derbyshire Average, except in Derbyshire Dales which had significantly worse estimated diagnosis rate compared to the England average. (46%).

Estimated dementia diagnosis rate (aged 65 and over), 1y, 2022 (Persons)



Estimated dementia diagnosis rate (aged 65 and over), 1y (Persons)



# Diabetes

Healthy People > Physical health conditions

## Diabetes

Diabetes mellitus is one of the most common chronic diseases in the UK. Around 90% of adults currently diagnosed with diabetes have type 2 diabetes, and obesity is estimated to account for 80-85% of the overall risk of developing type 2 diabetes (1). Diabetes is a progressive condition but effective control and monitoring can reduce morbidity and mortality.

### What is happening locally?

Historically, the prevalence of diabetes in Derby and Derbyshire has been consistently higher than the national average. In Derbyshire, prevalence has been increasing year on year since 2012/13, closely mirroring the pattern seen nationally.

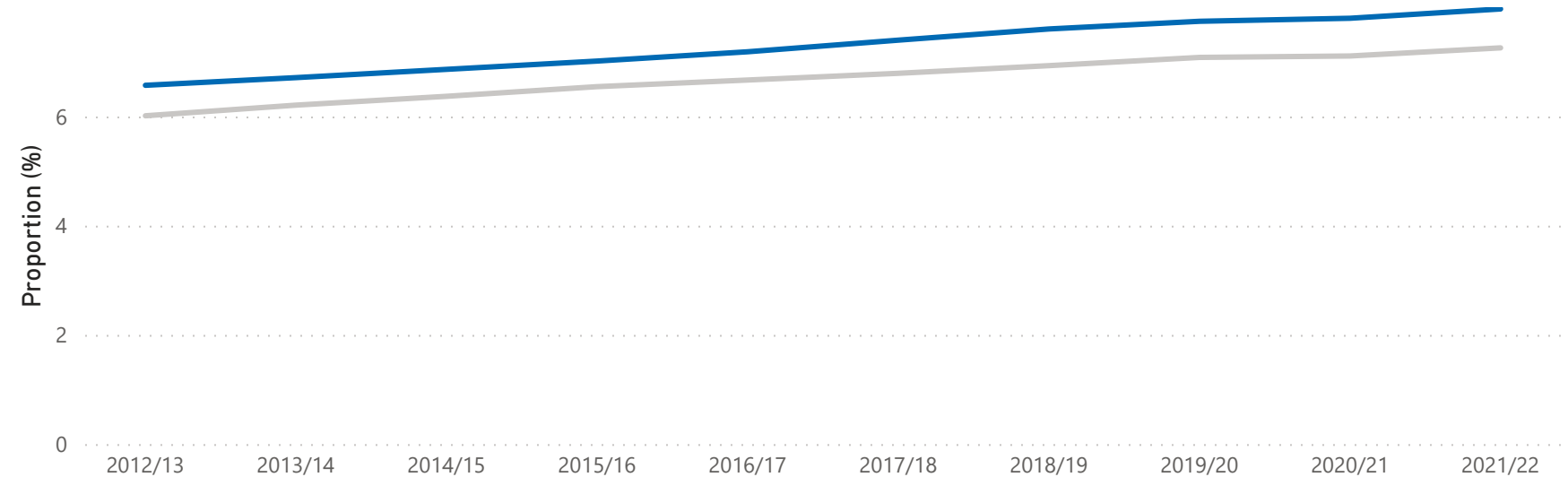
In 2020/21, 53,829 of Derbyshire patients aged 17 years and over were recorded as with diabetes mellitus. This as a percentage was 7.8% in Derbyshire, which was slightly higher than the England figure (7.1%).

### References

1. NICE. Diabetes - type 2. 2022.

## Diabetes: QOF prevalence (17+ yrs), 2012/13 (Persons)

Area Name ● England ● Derbyshire



# Chronic Kidney Disease

Healthy People>Physical health conditions

## Chronic Kidney Disease

Chronic kidney disease (CKD) is a reduction in kidney function or structural damage (or both) present for more than 3 months, with associated health implications.

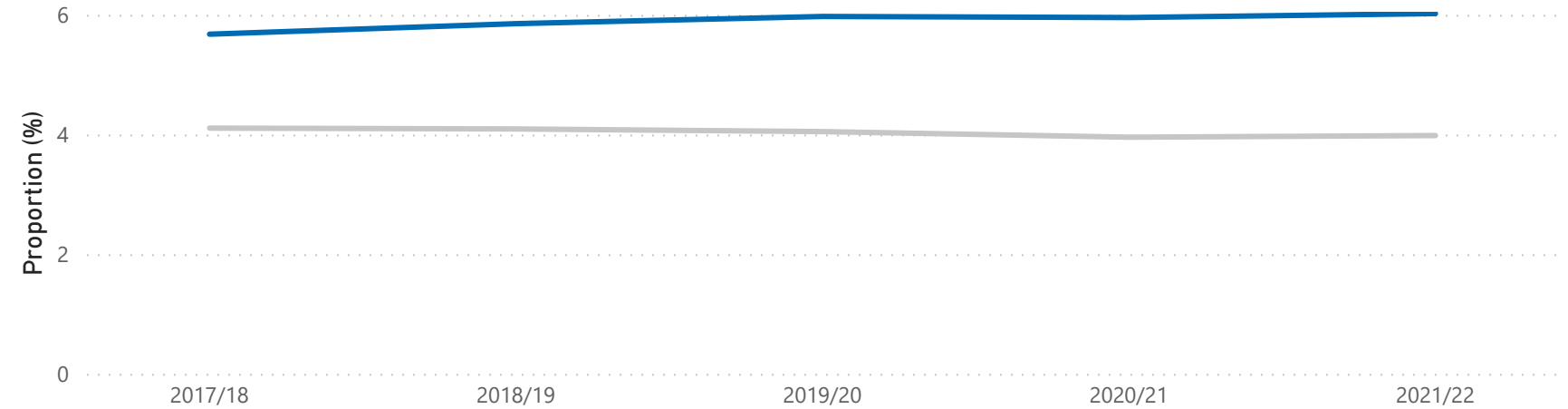
### What is happening locally?

The percentage of patients aged 18 years and over with CKD has slightly increased in Derbyshire since 2017/18, whereas the England value has slightly decreased.

In 2021/22 40,154 Derbyshire patients aged 18 years and over were recorded with CKD. This represents 6.0% of Derbyshire patients and is higher than the England average of 4.0%.

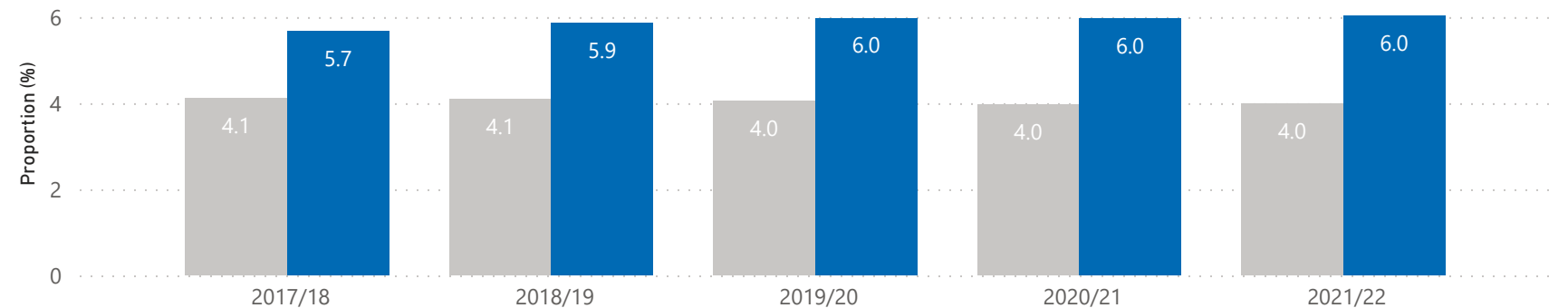
## CKD: QOF prevalence (18+ yrs), 1y (Persons)

Area Name ● England ● Derbyshire



## CKD: QOF prevalence (18+ yrs), 1y (Persons)

Area Name ● England ● Derbyshire



Source: QOF

# Respiratory conditions - COPD

Healthy People > Physical health conditions

## Respiratory Conditions - COPD

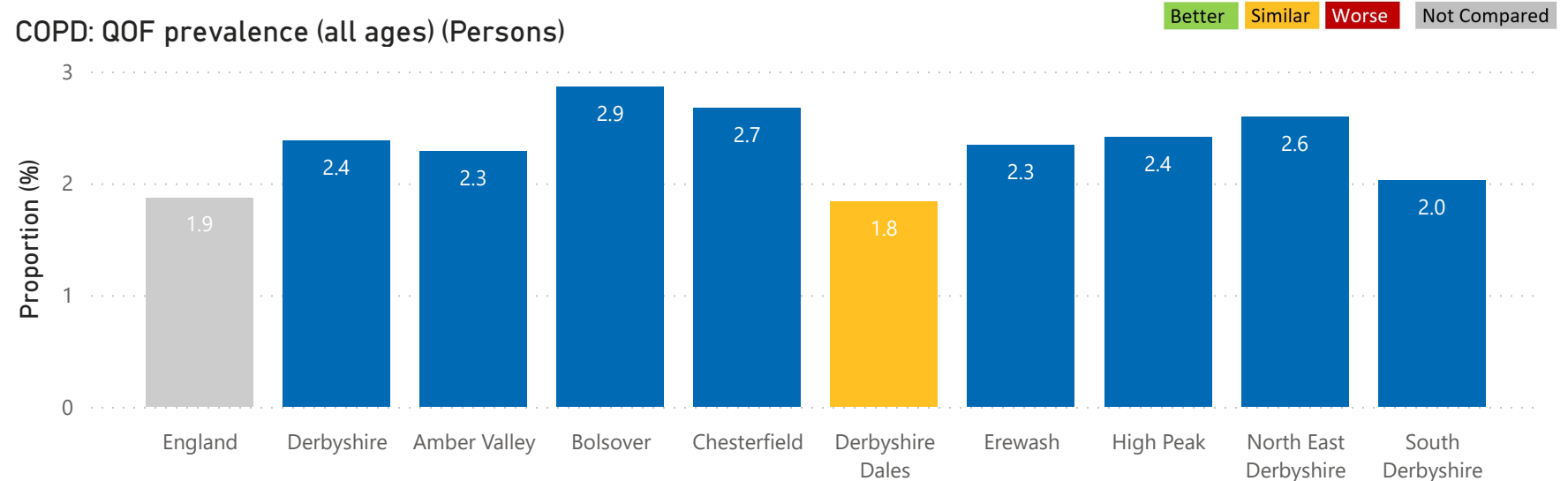
Chronic Obstructive Pulmonary Disease (COPD) is a common disabling condition with a high mortality. The most effective treatment is smoking cessation. Oxygen therapy has been shown to prolong life in the later stages of the disease and has also been shown to have a beneficial impact on exercise capacity and mental state. Some patients respond to inhaled steroids. Many patients respond symptomatically to inhaled beta agonists and anti-cholinergics. Pulmonary rehabilitation has been shown to produce an improvement in quality of life.

### What is happening locally?

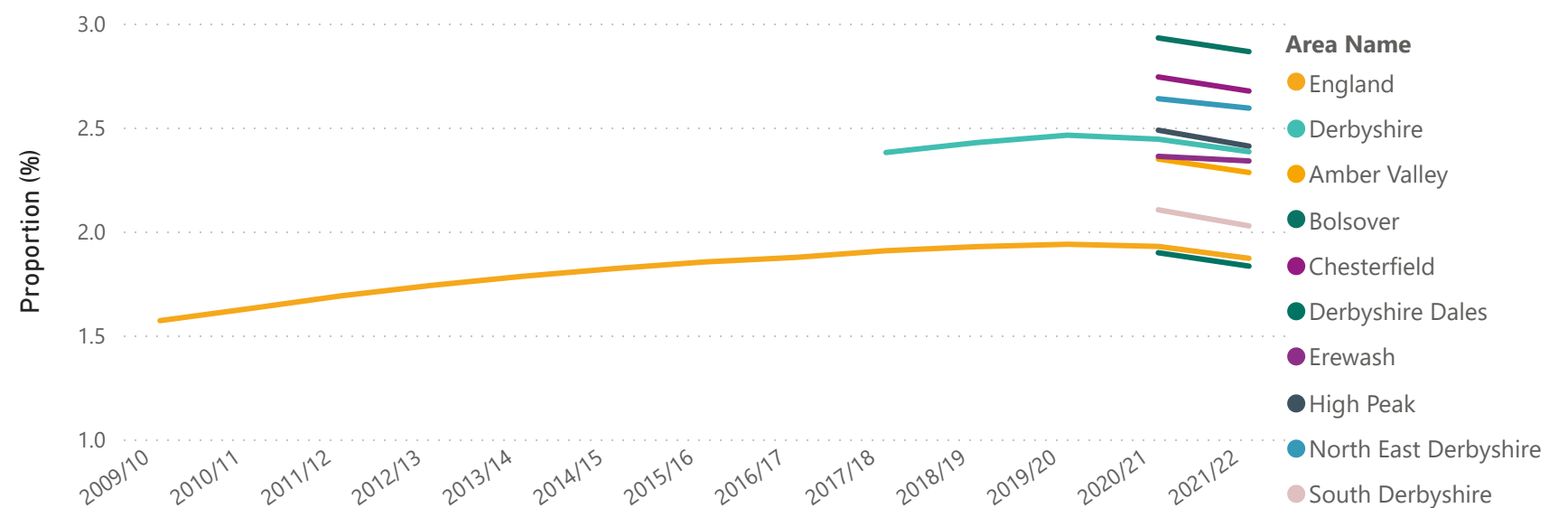
In 2021/22 19,513 Derbyshire patients were recorded with COPD. This represents 2.4% of Derbyshire patients, which is higher than the England average of 2.4%.

There was variation across Derbyshire, ranging from 1.8% in Derbyshire Dales and 2.9% in Bolsover

COPD: QOF prevalence (all ages) (Persons)



COPD: QOF prevalence (all ages), 1y (Persons)



# Respiratory conditions - Asthma

Healthy People > Physical health conditions

## Respiratory Conditions - Asthma

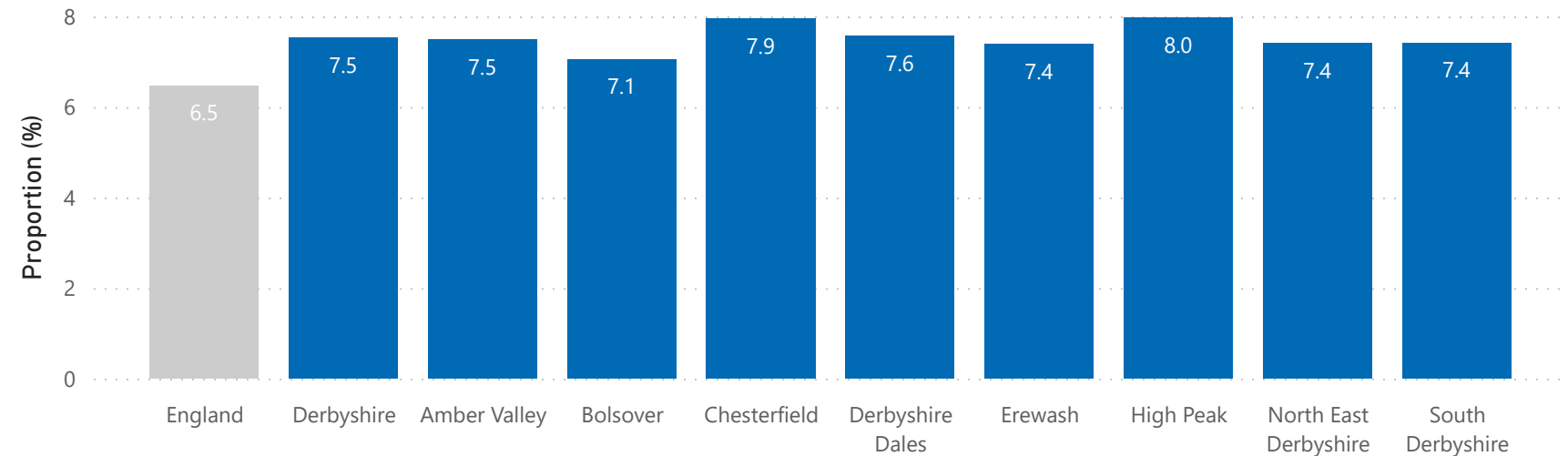
Asthma is a common condition which responds well to appropriate management and which is principally managed in primary care. This indicator set was originally informed by the British Thoracic Society (BTS)/SIGN guidelines which were published in early 2003. In keeping with the other indicators, not all areas of management are included in the indicator set in an attempt to keep the data collection within manageable proportions.

### What is happening locally?

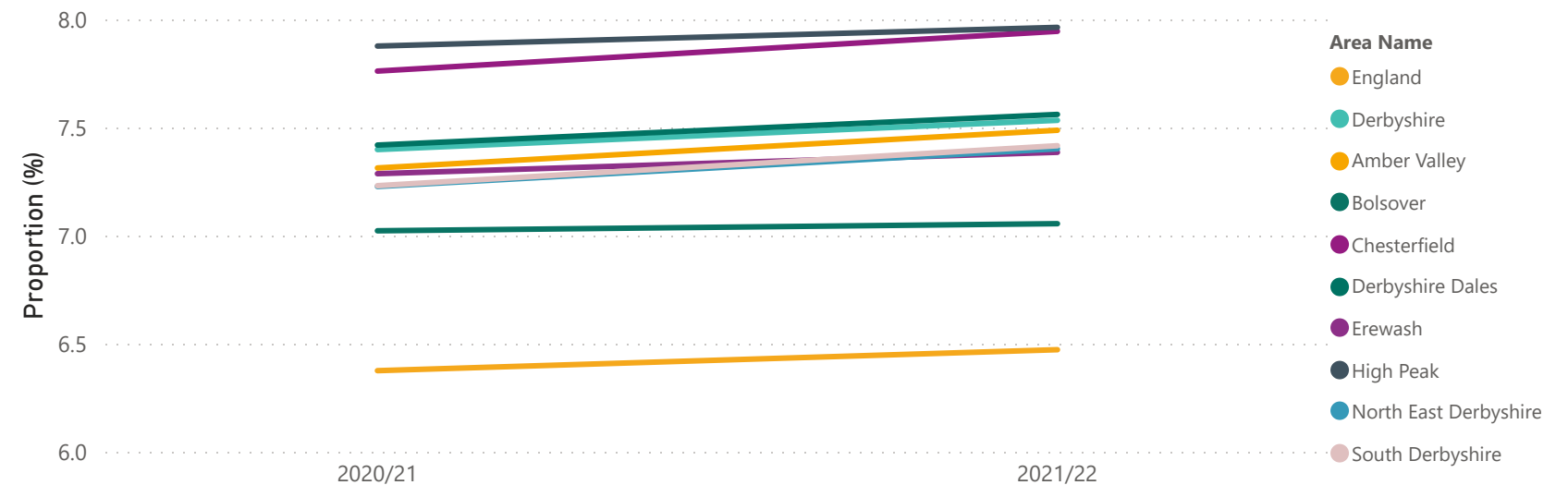
In 2021/22 58,291 Derbyshire patients aged 6 years and over were recorded with with asthma, excluding those who have been prescribed no asthma-related drugs in the previous twelve months. This represents 7.5% of Derbyshire patients, which is higher than the England average of 6.5%.

There was variation across Derbyshire, Derbyshire Dales had the lowest prevalence (1.8%) and Bolsover had the highest prevalence (2.9%).

Asthma: QOF prevalence (6+ yrs), 2021/22 (Persons)



Asthma: QOF prevalence (6+ yrs), 1y (Persons)





# Hypertension

Healthy Lives > Physiological risk factors

## Hypertension

Hypertension (also known as high blood pressure) is the greatest risk factor for cardiovascular disease and the third greatest risk factor for disease in England, after smoking and poor diet (1). Hypertension is a major risk factor for stroke, heart attacks, heart failure, chronic kidney disease, dementia and premature death (2). It is estimated that in England, hypertension accounts for 12% of visits to primary care.

### What is happening locally?

During 2020/21, 16.9% (138,280) of the Derbyshire patients were estimated to have high blood pressure, compared to 14.0% in England.

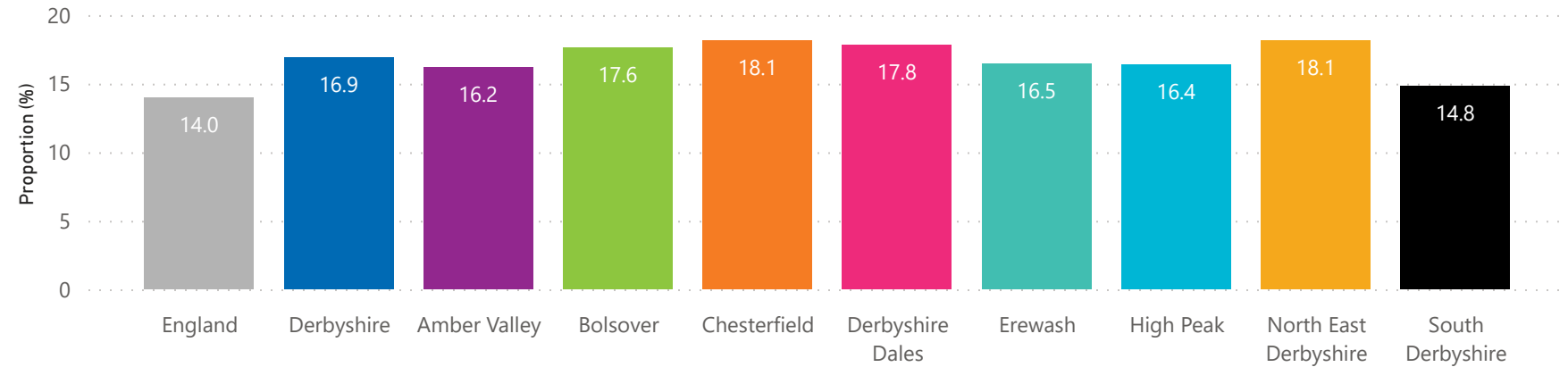
In Derbyshire, the prevalence of hypertension has been slightly increasing in recent years, with the proportion of the population with high blood pressure remaining significantly higher than the national average. All District and Boroughs within Derbyshire have rates higher than the national average.

Please note district and borough level data was not available between 2015/16 and 2019/20

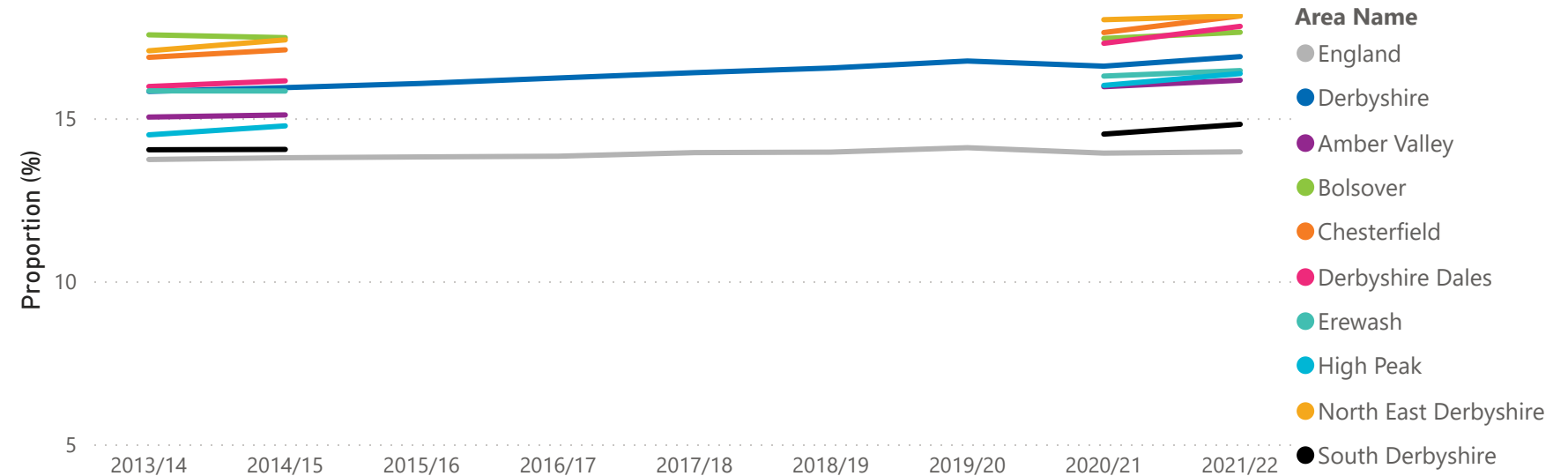
### References

1. PHE. Tackling high blood pressure: an update. London; 2018.
2. NICE. Hypertension in adults: diagnosis and management: NICE Guideline [NG136]. 2022.

Hypertension: QOF prevalence (all ages), 2021/22 (Persons)



Prevalence of hypertension (persons, all ages)



Source: QOF

# Musculoskeletal disorders

Healthy People > Physical health conditions

## Musculoskeletal disorders

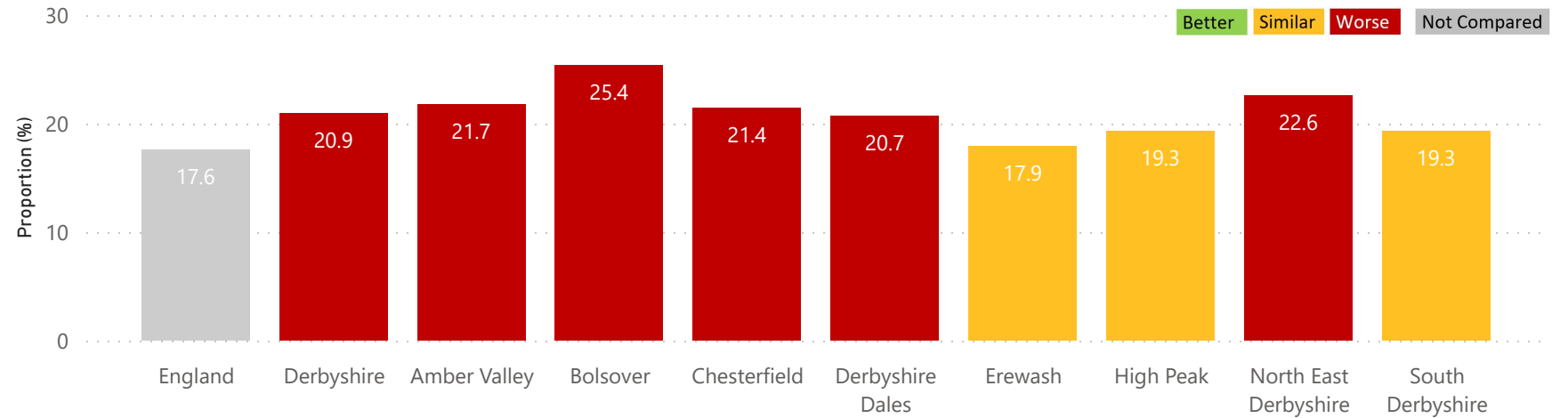
Musculoskeletal conditions (MSK) are problems of the bones, joints, muscles and spine, and are a common cause of long-term pain and physical disability. Between 1990 and 2019, in England, low back and neck pain was ranked as the top reason for years lived with disability, while other MSK conditions was ranked as number 10. The pain and disability associated with MSK disorders limits independence and the ability to participate in family, social and working life, thus having negative impacts on mental and social wellbeing but also on the wider economy.

## What is happening locally?

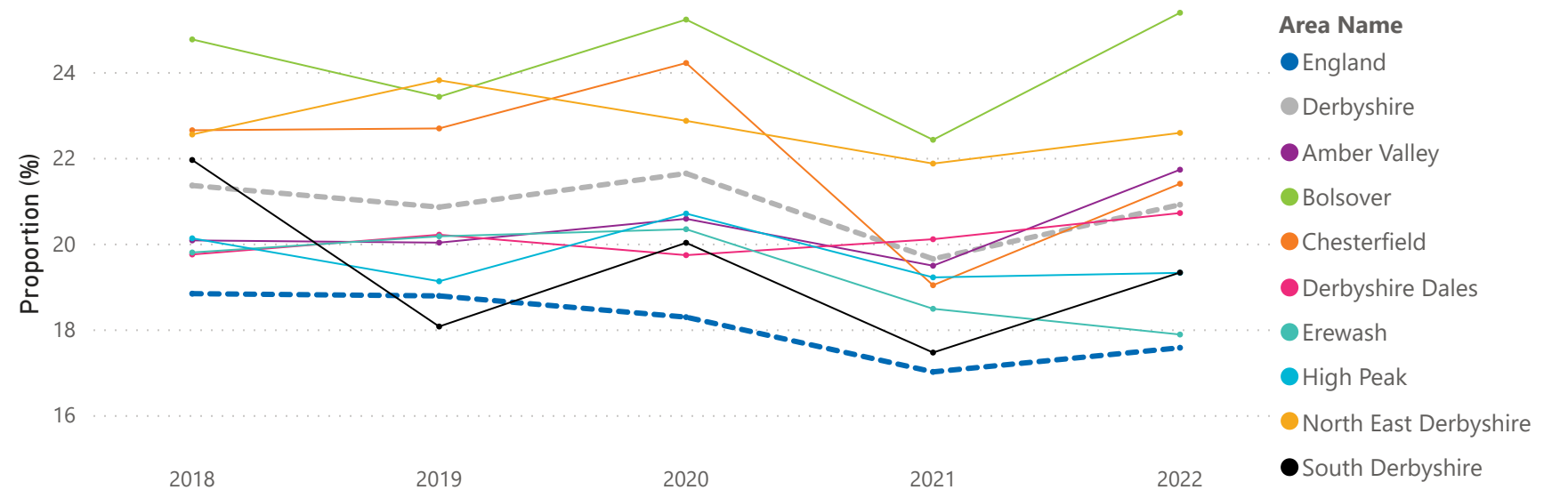
In England, there was a decrease in the proportion of the population aged 16+ years reporting a long-term MSK problem from 18.8% to 17.0% between 2018 and 2021, this increased slightly in 2022(17.6%).

During 2022, Derbyshire had a significantly higher proportion of the population reporting long term MSK problems (20.9% in Derbyshire compared to 17.6% in England).

Proportion of population aged 16+ years reporting a long-term musculoskeletal problem, 2022

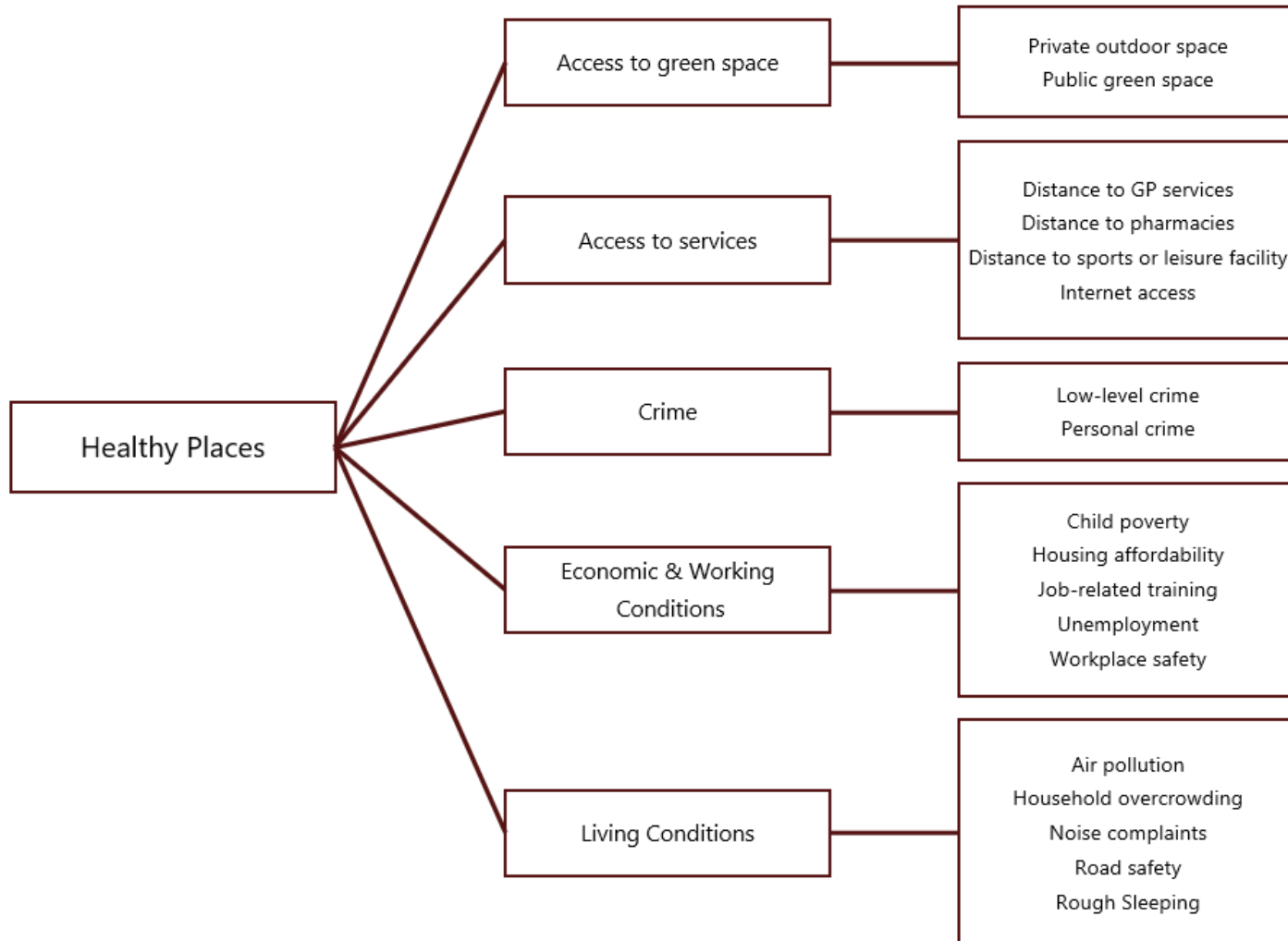


Proportion of population aged 16+ years reporting a long-term musculoskeletal problem



# Healthy Places

The **Healthy Places** domain includes Health Outcomes indicators, including mortality, and the impact of physical and mental health conditions. It is divided into sub domains; difficulties in daily life, mental health, mortality, personal well-being, physical health conditions.



# Crime

Healthy People > Crime

## Crime

Public health services have an important role to play in tackling violence. Directors of Public Health, located within local authorities, will be tasked with looking widely at issues including crime reduction, violence prevention, responses to violence and reducing levels of reoffending, which can also prevent health inequalities.

### What is happening locally?

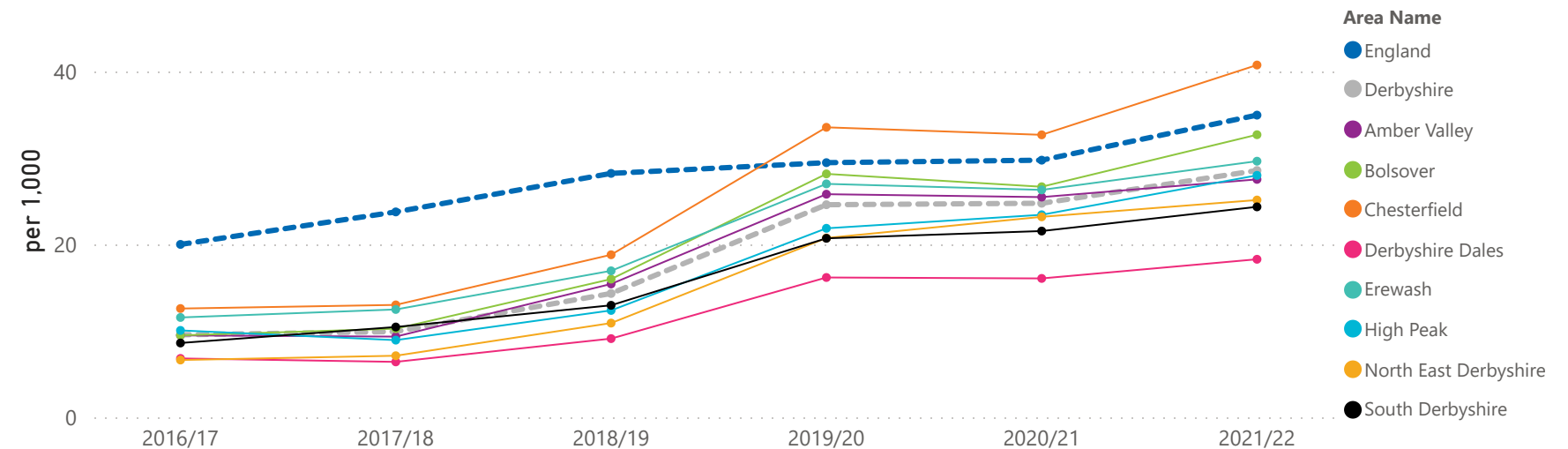
The number of violent offences has been increasing since 2016/17 across both England and in Derbyshire.

In 2021/22 there were 35 violent offences per 1,000 population in England, compared to 28.5 in Derbyshire. Within Derbyshire, Chesterfield had the highest proportion of violence offences (40.7) and Derbyshire Dales had the lowest (18.3).

Violent crime - violence offences per 1,000 population, 2021/22 (Persons)



Violent crime - violence offences per 1,000 population, 2016/17 (Persons)



Source: Fingertips, OHID

# Fuel poverty

Healthy Places > Economic & working conditions

## Fuel poverty

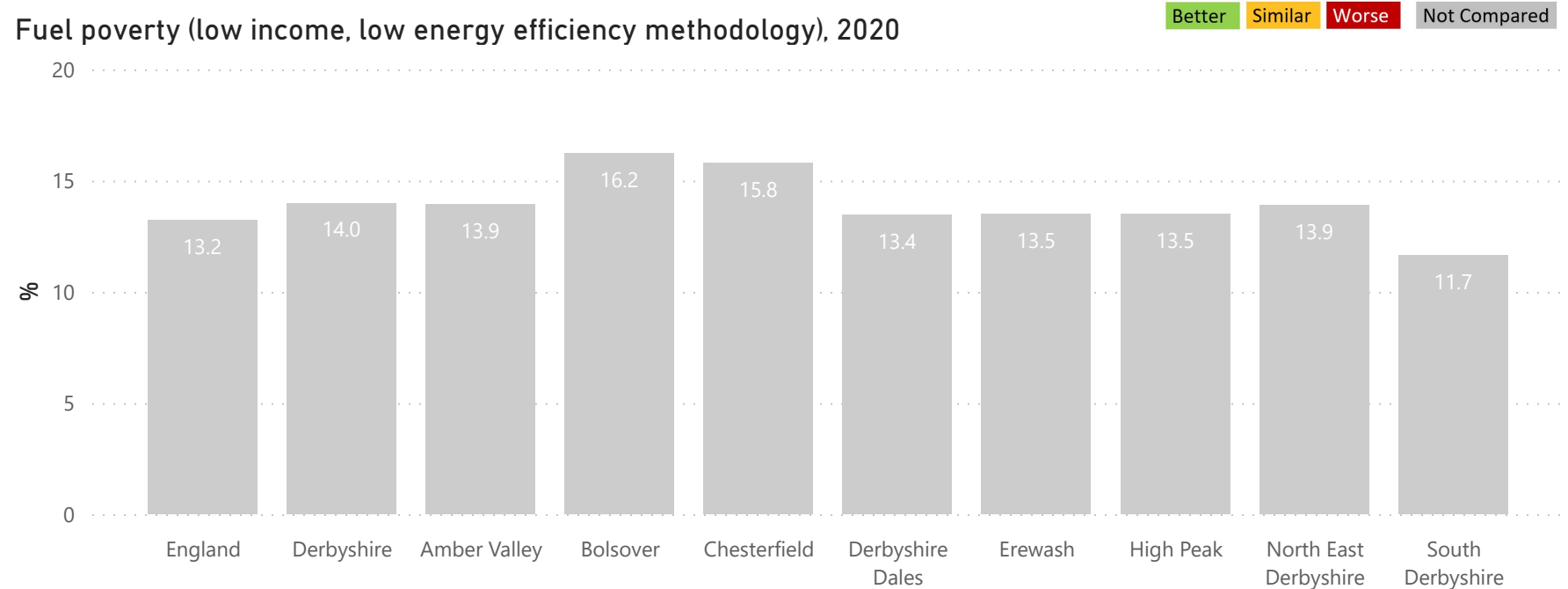
A household is considered to be fuel poor if they are living in a property with a fuel poverty energy efficiency rating of band D or below and when they spend the required amount to heat their home, they are left with a residual income below the official poverty line.

## What is happening locally?

During 2020/21, 14.0% of households in Derbyshire experienced fuel poverty, compared to 13.2% in England.

Across the Derbyshire districts rates ranged from 11.7% of households in South Derbyshire and 16.2% in Bolsover.

Fuel poverty (low income, low energy efficiency methodology), 2020



Source: OHID, Fingertips

# Child poverty

Healthy Places > Economic & working conditions

## Child poverty

Children are the most likely of all age groups to live in poverty. Experience of poverty during childhood is linked closely to many negative long-term outcomes, including: poorer educational attainment, unemployment, homelessness, unhealthy behaviours (e.g., smoking and substance misuse) and poor mental and physical health (1). There is also evidence that childhood poverty leads to premature mortality and poor health outcomes for adults, therefore reducing the number of children who experience poverty has the potential to improve adult health outcomes and increase healthy life expectancy (1).

Relative low-income measures the number and proportion of individuals who have income below 60% of the UK average (median) income in any given year, before housing costs. Meanwhile, absolute low income is defined as a family in low income Before Housing Costs (BHC) in the reference year in comparison with incomes in 2010/11.

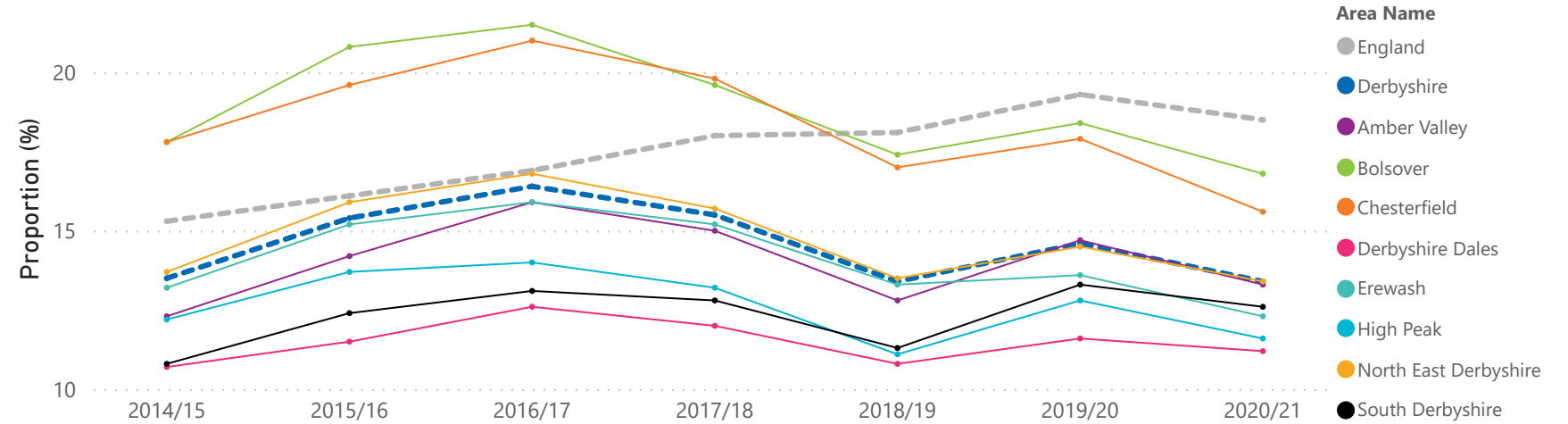
## What is happening locally?

During 2020/21, 13.4% of children aged under 16 years were living in relative low-income families, compared to 18.5% in England. Of these proportions, 10.1% in Derbyshire and 15.1% in England were classed as living in absolute low-income families.

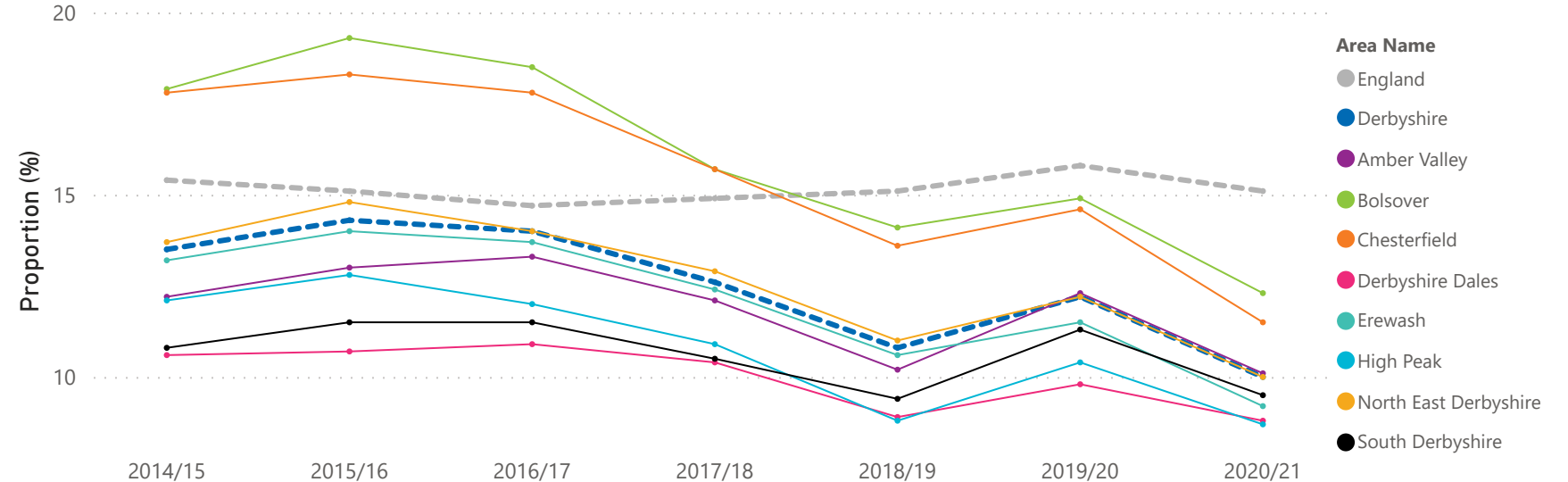
## References

1. Marmot, M. Fair society, healthy lives: the Marmot Review: strategic review of health inequalities in England post-2010. 2010.

Proportion of children aged under 16 years in relative low-income families



Proportion of children aged under 16 years in absolute low-income families



# Unemployment

Healthy Places > Economic & working conditions

## Unemployment

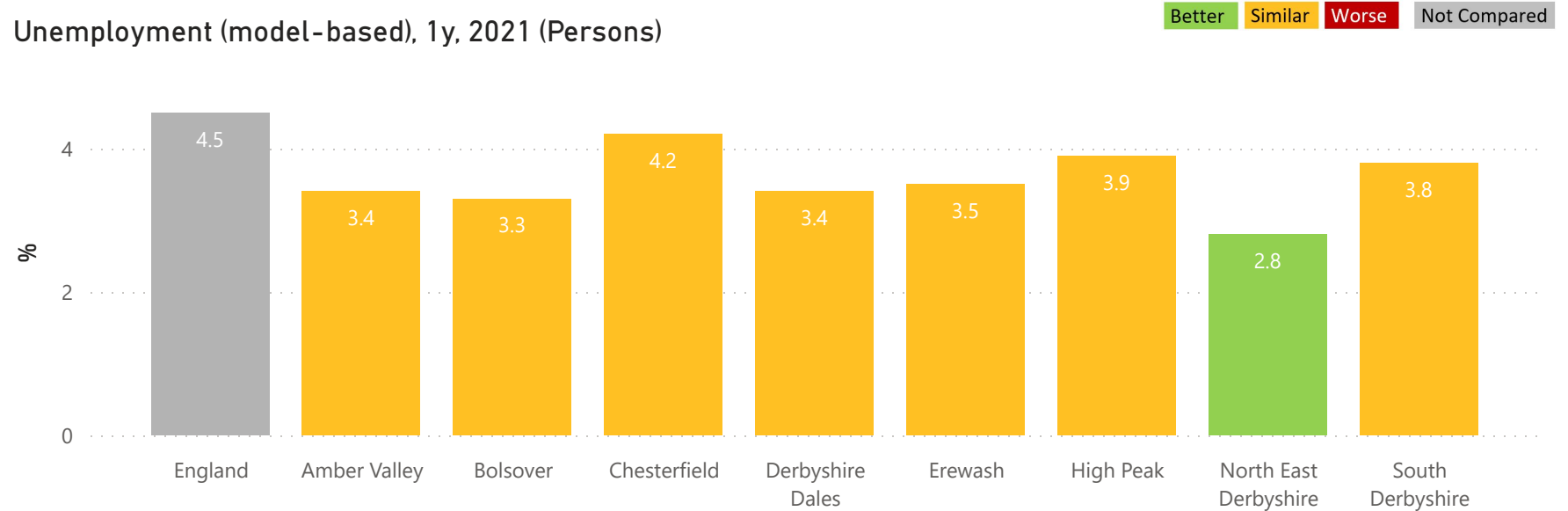
Unemployment is associated with an increased risk of ill health and mortality. There are relationships between unemployment and poor mental health and suicide, higher self-reported ill health and limiting long term illness and a higher prevalence of risky health behaviours including alcohol use and smoking.

Links between unemployment and poor mental health have been explained by the psychosocial effects of unemployment: stigma, isolation and loss of self-worth. People with long term psychiatric problems are less likely to be in employment than those with long-term physical disabilities, despite indications that most people with severe mental illness would like to work.

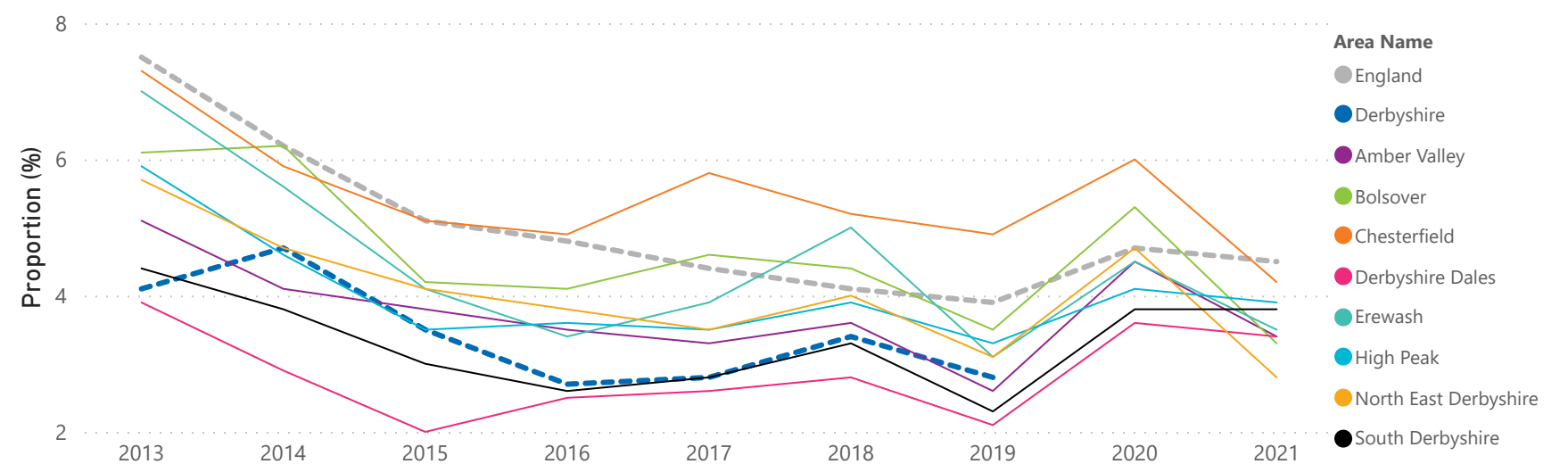
## What is happening locally?

In 2021, the percentage of unemployment in Derbyshire (3.4%) was similar to that of England (4.5%) across all districts/boroughs, except for North East Derbyshire which had significantly less unemployment (2.8%) than England.

Unemployment (model-based), 1y, 2021 (Persons)



Unemployment (model-based), 1y (Persons)



# Road Safety

Healthy Places > Living Condition

## Road Safety

Motor vehicle traffic accidents are a major cause of preventable deaths and morbidity, particularly in younger age groups. The vast majority of road traffic collisions are preventable and can be avoided through improved education, awareness, road infrastructure and vehicle safety. The need for safer roads is also linked to public health strategy, and existing government backed initiatives, to increase "active travel" and physical activity.

### What is happening locally?

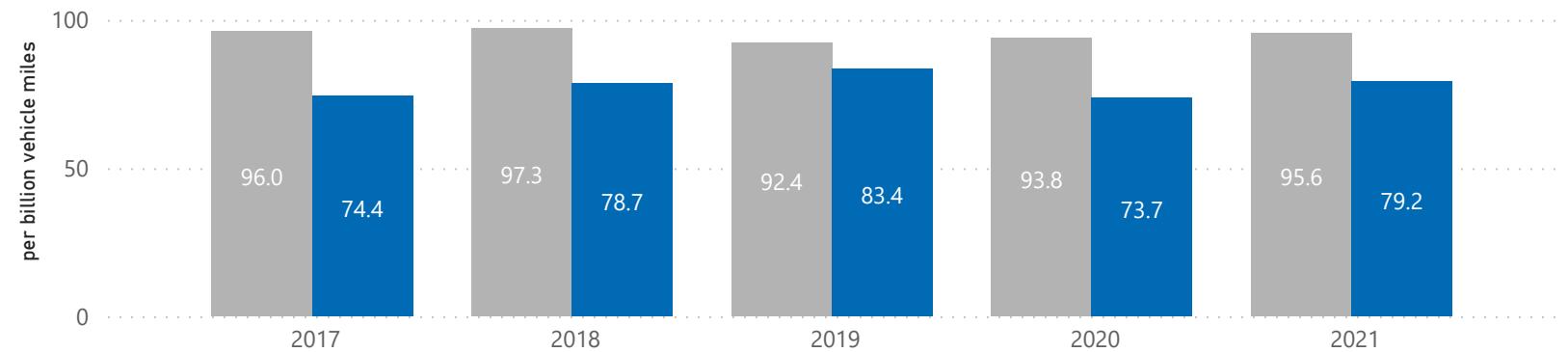
In 2021 384 people were Killed and seriously injured (KSI) casualties on Derbyshire's roads. This a rate of 79.2 per billion vehicle miles, it is lower than the England rate of 95.6.

In 2021 51 Derbyshire children age under 16 years were Killed and seriously injured (KSI) casualties in a road traffic accidents. This a rate of 12.4 per 100,000 population, it is lower than the England Rate of 15.9.

## Killed and seriously injured (KSI) casualties on England's roads

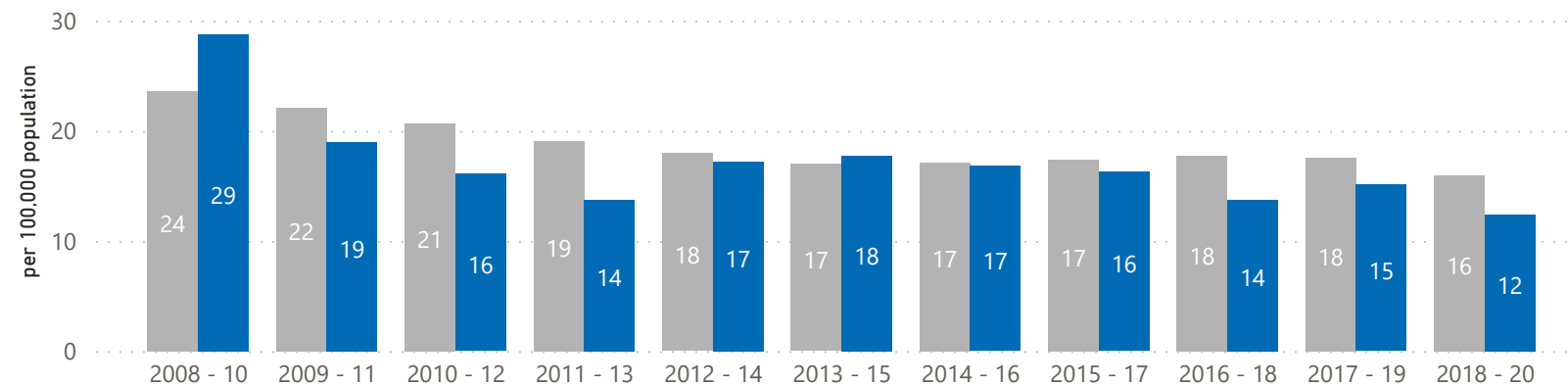
Better Similar Worse Not Compared

Area Name ● England ● Derbyshire



## Children killed and seriously injured (KSI) on England's roads

Area Name ● England ● Derbyshire



Source: OHID, Fingertips



# Air pollution

Healthy Places > Living Condition

## Air pollution

Poor air quality is a significant public health issue. There is strong evidence that air pollution contributes to the development of coronary heart disease, stroke, respiratory disease and lung cancer, exacerbates asthma symptoms and has a contributory role in mortality (1). It has been estimated that air pollution is responsible for between 28,000 - 36,000 deaths at typical ages every year (2).

PM stands for 'particulate matter', and 2.5 refers to the size of the particulate. It is an urban pollutant which often disperses over a large area. PM consists of finely divided solids or liquids such as dust, fly ash, soot, smoke, aerosols, fumes, mists, and condensing vapours that can be suspended in the air. PM2.5 is particularly harmful to health because the small particles can easily and quickly penetrate deep into the lungs where they can cause damage to the tissue (3).

## What is happening locally?

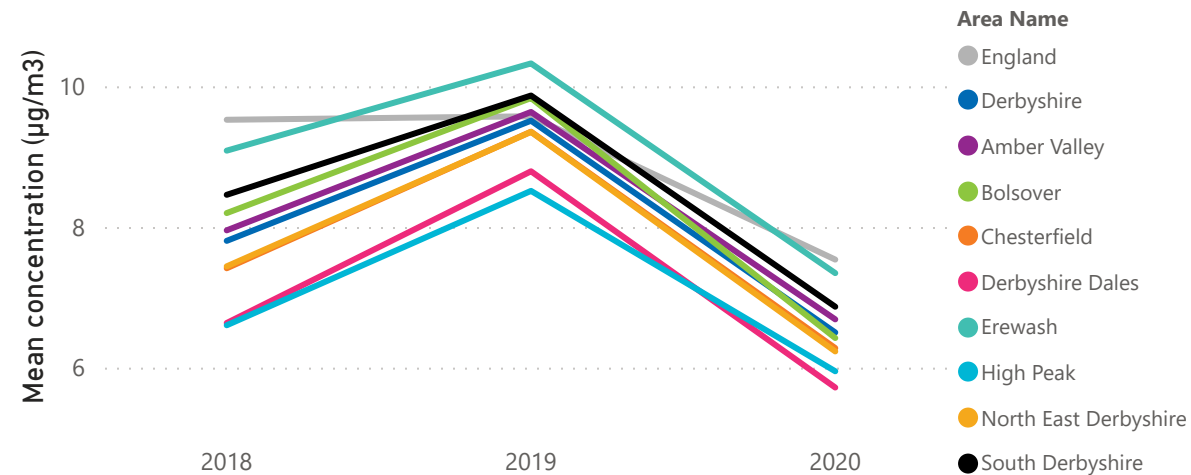
Derbyshire recorded concentration of PM2.5 lower than England. All areas saw a decrease in PM2.5 concentrations between 2019 and 2020 - likely as a result of changes to behaviour during COVID-19 lockdowns.

During 2020, 5.3% of deaths in the population aged 30+ years in Derbyshire were associated with long-term exposure to particulate air pollution, compared to 5.6% in England. This mortality burden was lower than that reported in 2019, in all areas.

## References

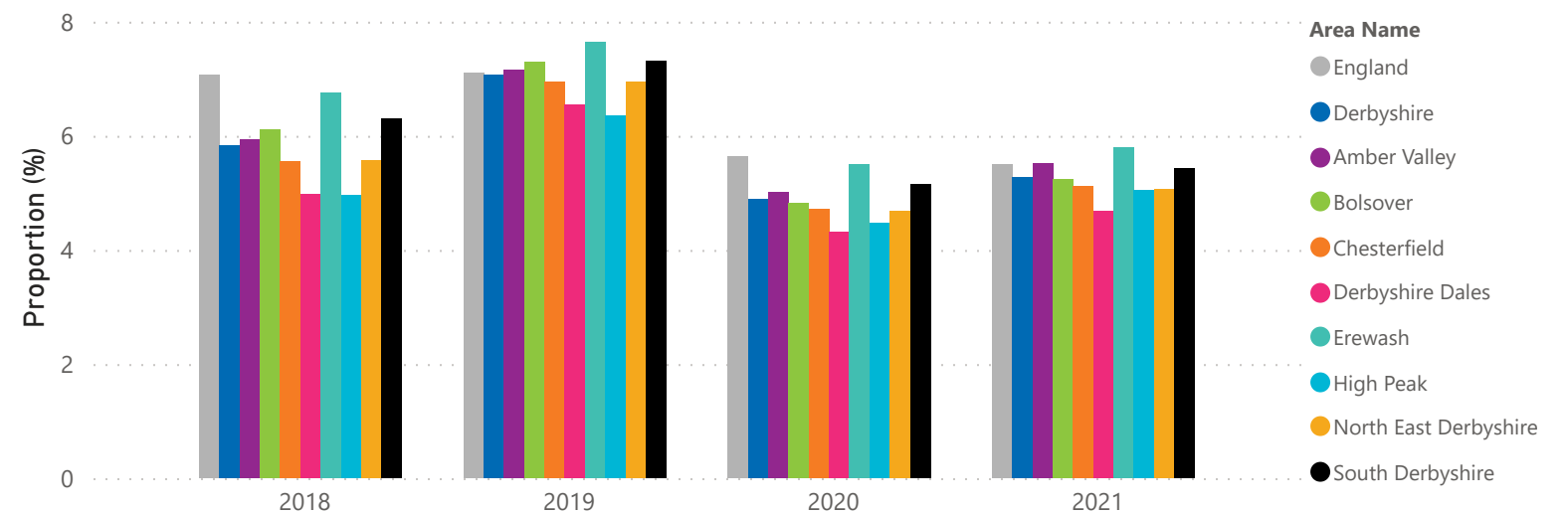
1. PHE. Review of interventions to improve outdoor air quality and public health. London; 2019.
2. OHID. Air pollution: applying All Our Health: Guidance. 2022.
3. PHE. Estimation of costs to the NHS and social care due to the health impacts of air pollution: a summary report. London; 2018.

Mean concentration of PM2.5



During 2021,  
**5.3%**  
of deaths in the  
population aged 30+  
years in Derbyshire were  
associated with long-term  
exposure to PM2.5

Fraction of mortality attributable to particulate air pollution (PM2.5) (population aged 30+ years)



# Access to Healthy Assets

Healthy Places > Living Condition

## Access to Healthy Assets

Access to healthy assets improves physical and mental health, improves childhood development, increases social cohesion and reduces health-related costs to society. Additionally, good quality green space reduces noise pollution, reduces the risk of flooding, and can mitigate air pollution.

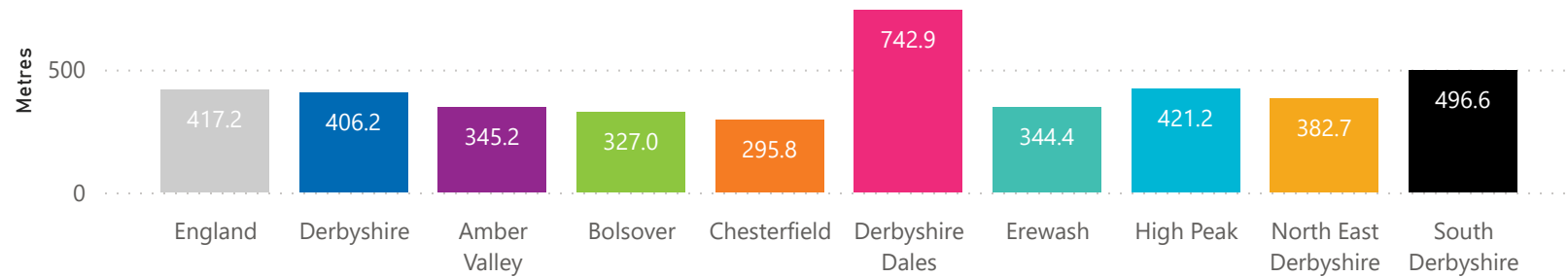
## What is happening locally?

In 2020, the average distance to the nearest park, public garden, or playing field in Derbyshire was 406.2 metres compared to 417.2 metres in England. Within Derbyshire, the average distance ranged between 295.8 metres in Chesterfield to 742.9 metres in Derbyshire Dales.

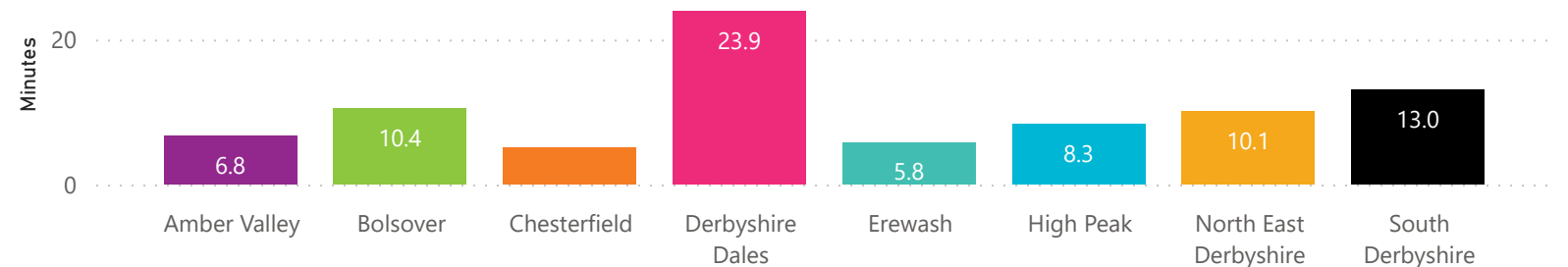
In 2019, the average distance to the nearest Leisure Centre in Derbyshire ranged from 5.1 minutes in Chesterfield to 23.9 minutes in Derbyshire Dales.

In 2022, the average distance to the nearest GP Practice in Derbyshire ranged from 3.9 minutes in Erewash to 9.1 minutes in Derbyshire Dales.

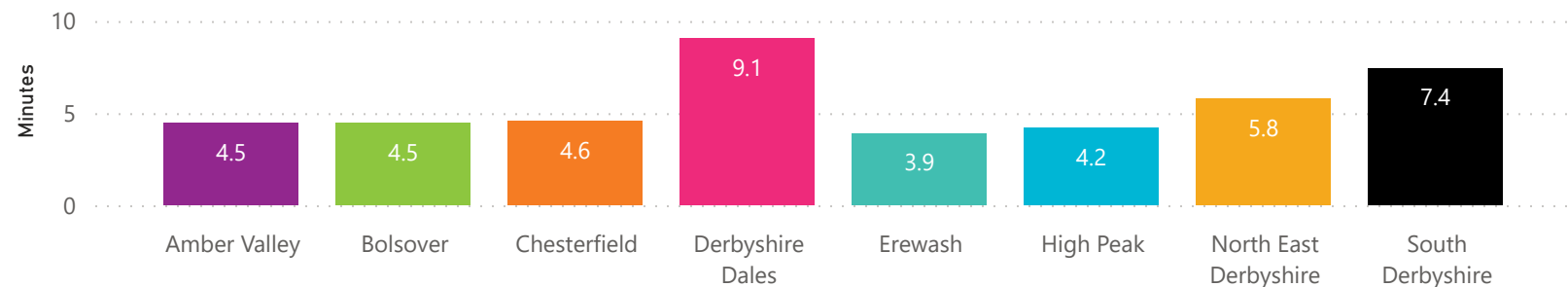
Average distance to nearest park or public garden or playing field (m), 2020



Distance to nearest Leisure Centre, 2019



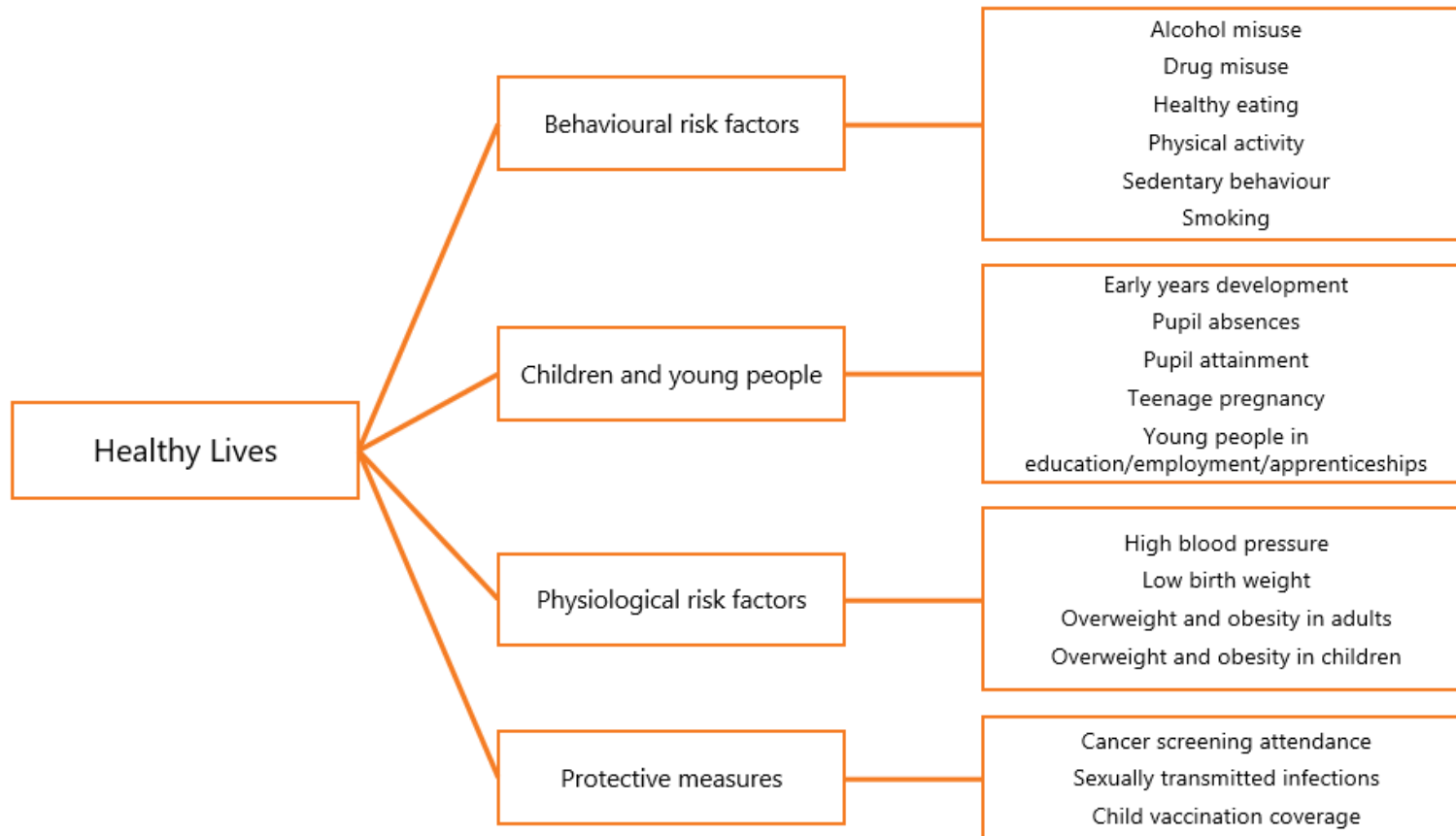
Distance to nearest GP Practice, 2022



Source: ONS, Consumer Data Research Centre

# Healthy Lives

The **Healthy Lives** domain covers risk factors for health that relate directly to individuals. This includes both risk factors that can be modified or changed by individuals, and social factors that cannot always be controlled by individuals but affect the population at the individual level.



# Alcohol (related)

Healthy Lives > Behavioural risk factors

## Alcohol

Alcohol misuse is the biggest risk factor for death, ill-health and disability amongst the population aged 15-49 years in the UK, and the fifth biggest risk factor across all ages. Alcohol misuse contributes to around 200 health conditions, with many leading to hospital admission (1). This is due either to acute alcohol intoxication or to the toxic effect of alcohol misuse over time. These conditions include some cancers, cardiovascular conditions, depression and liver disease.

### What is happening locally?

In 2020/21, Derbyshire reported a higher rate of hospital admissions related to alcohol than England, with 5,234 admissions in 2020/21 (519.9 per 100,000). All areas within Derbyshire apart from High Peak had significantly higher rates compared to the England average.

Both the rate of admissions for alcohol-related conditions and alcohol-specific mortality were significantly higher in males than females, in all areas.

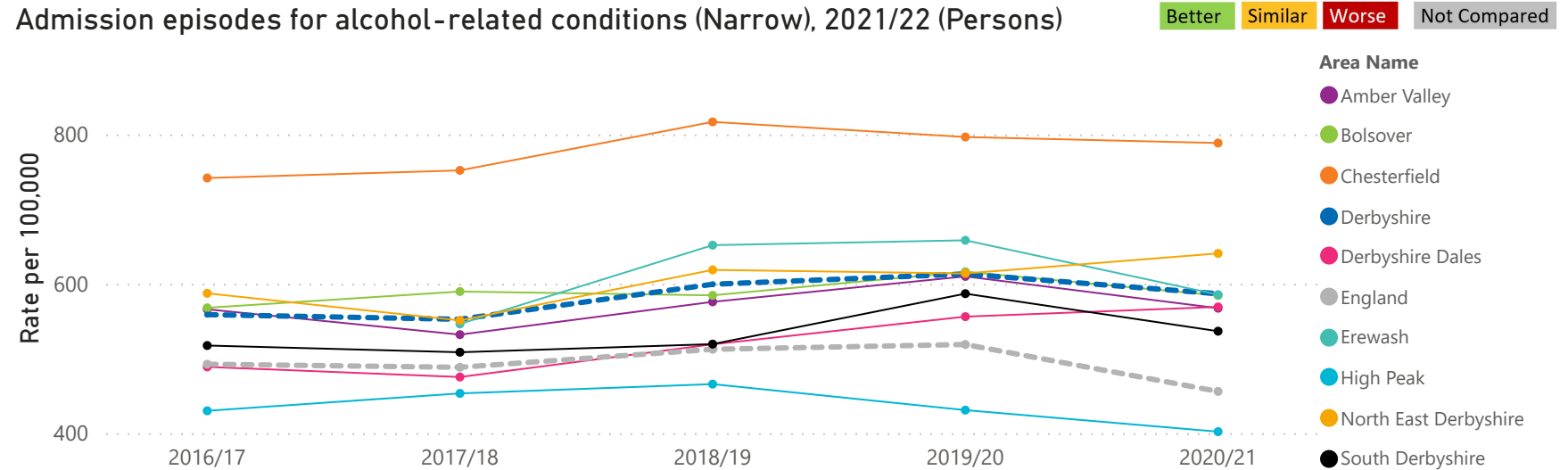
### References

1. OHID. Alcohol: applying All Our Health: Guidance. 2022.

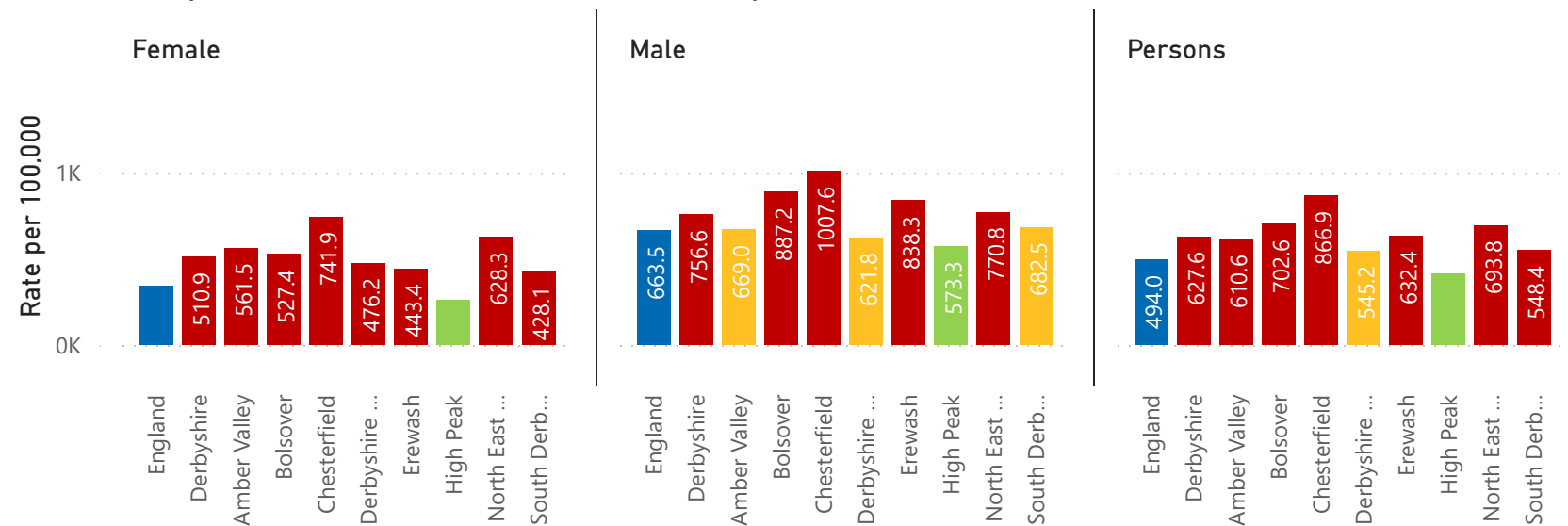
Please note that the time periods used to present the latest data and the trend data for some indicators may differ. The Office for National Statistics (ONS) is currently reconciling and rebasing the mid-year population estimates (MYE) after Census 2021. Consequently, for some indicators the latest data employs the population data from Census 2021, whereas the trend data utilises unrevised population estimates and should not be used for comparisons with the latest data.

Source: OHID, Fingertips

Admission episodes for alcohol-related conditions (Narrow), 2021/22 (Persons)



Admission episodes for alcohol-related conditions by sex, 2020/21



# Smoking

Healthy Lives > Behavioural risk factors

## Smoking

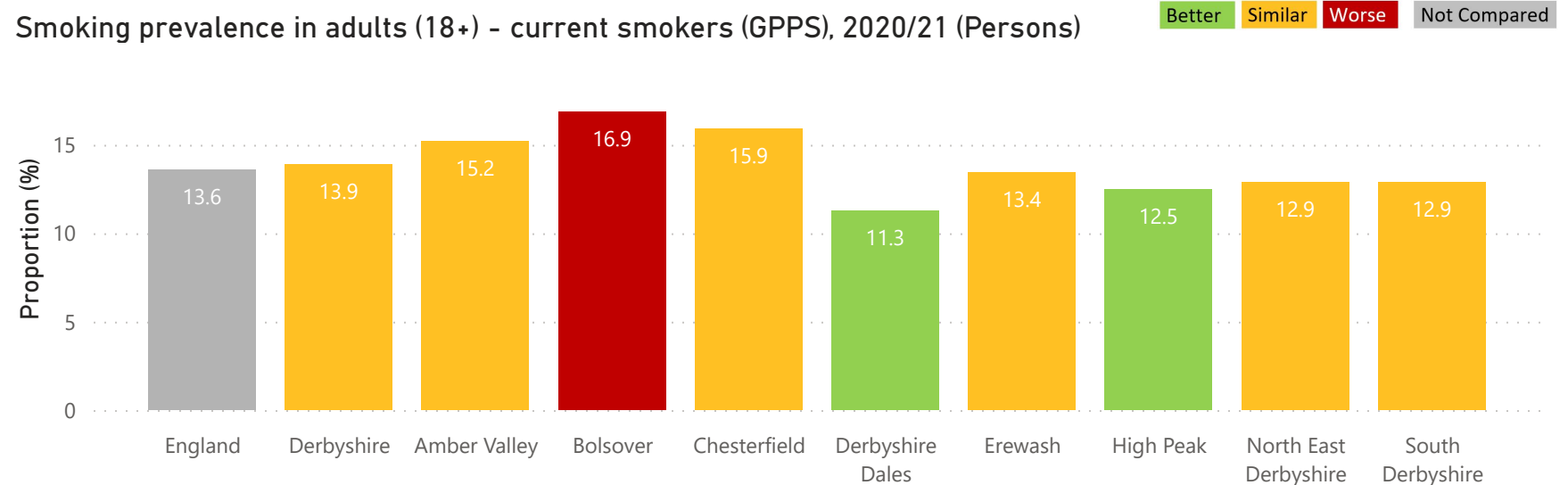
Smoking is the biggest single cause of preventable ill health and premature mortality in the UK. Smoking is a major risk factor for many diseases, such as lung cancer, chronic obstructive pulmonary disease (COPD) and heart disease. It is also associated with cancers in other organs, including lip, mouth, throat, bladder, kidney, stomach, liver and cervix.

### What is happening locally?

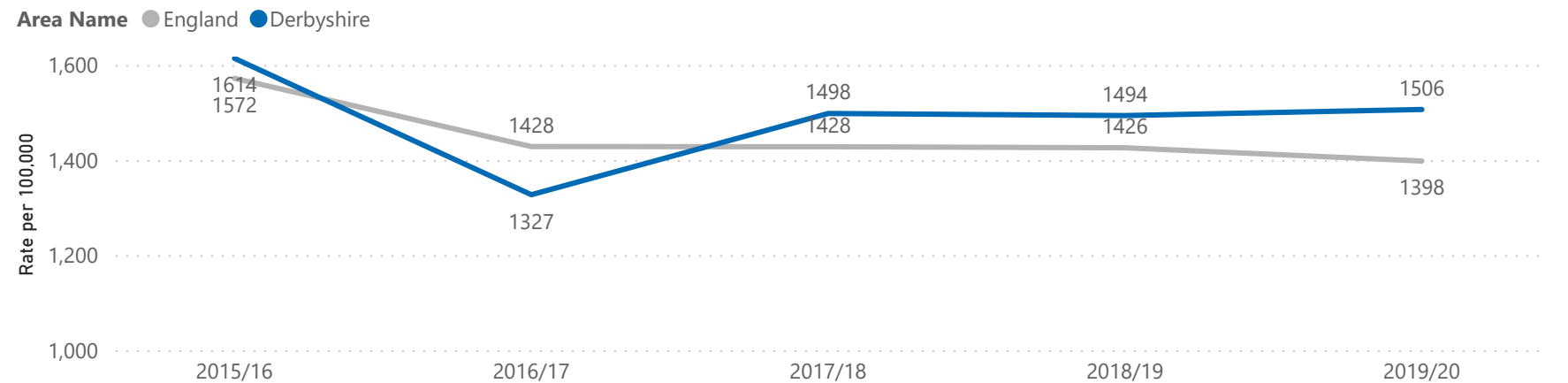
In Derbyshire, a similar proportion of the population aged 18+ years are estimated to be current smokers (13.9%), compared to England (13.6%). The proportion of current smokers has decreased in all areas since 2013/14.

In Derbyshire, there has been no significant change in the rate of hospital admissions directly attributable to smoking since 2015/16. During 2019/20, 7,978 hospital admissions in Derbyshire were directly attributable to smoking, this was equivalent to an admission rate of 1,506 per 100,000 which was significantly higher than the national average(1,398).

Smoking prevalence in adults (18+) - current smokers (GPPS), 2020/21 (Persons)



Directly standardised rate of smoking attributable hospital admissions (persons, aged 35+ years)



Source: Fingertips, OHID

# Substance Misuse

Healthy Lives > Behavioural risk factors

## Substance Misuse

The excessive or improper use of drugs and alcohol has been associated with various adverse effects on individuals, families, and communities. These effects include premature mortality, long-term health problems, diminished quality of life and economic prospects, as well as an increase in social issues such as homelessness, violence, and exploitation. Addressing these issues requires interventions from both state and community-level service providers.

Individuals who successfully complete drug treatment demonstrate a significant improvement in health and wellbeing in terms of increased longevity, reduced blood-borne virus transmission, improved parenting skills and improved physical and psychological health.

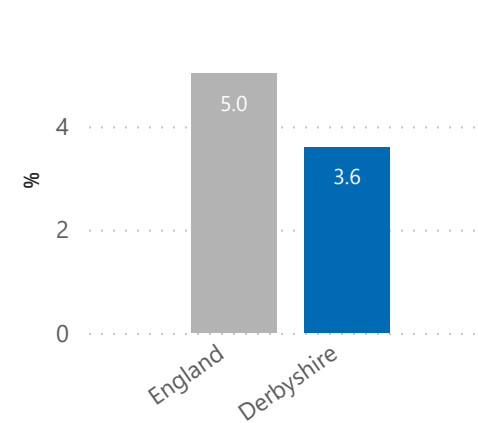
## What is happening locally?

For opiate users, the percentage of successful completions in Derbyshire has been reducing since 2021. 3.6% of opiate users successfully completed treatment in 2021, this remains lower than the national average of 5.0%.

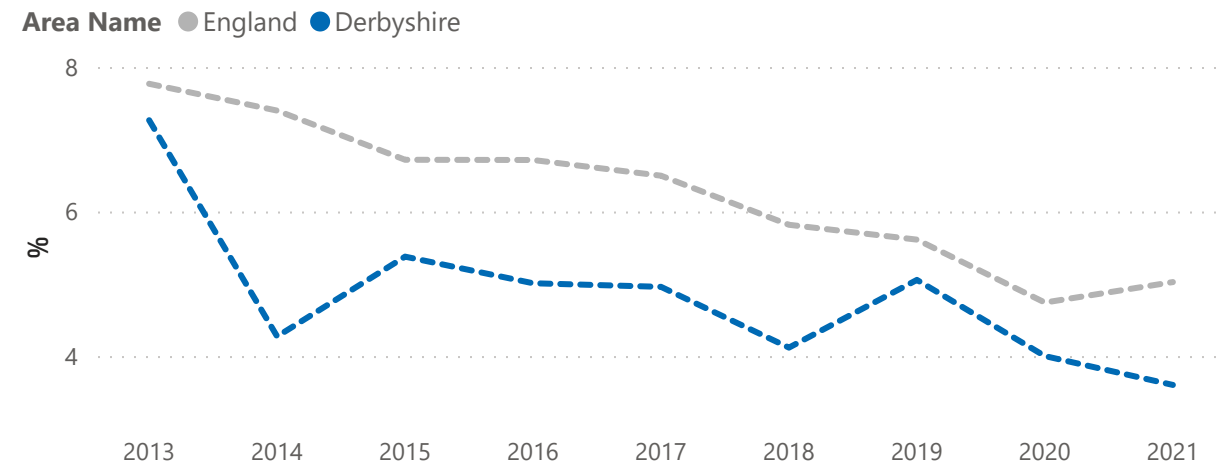
30% of non opiate users in Derbyshire successfully completed treatment in 2021, this is lower than the England average (34%).

Source: Fingertips, OHID

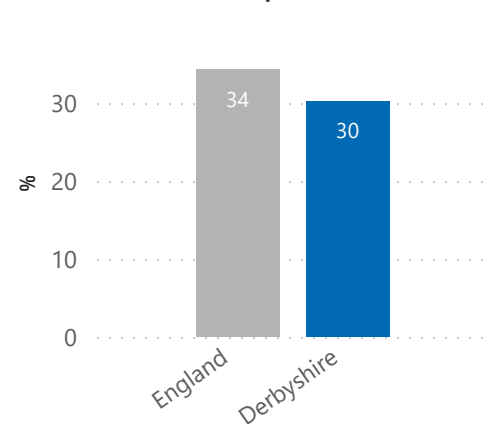
### Successful completion of drug treatment: opiate users



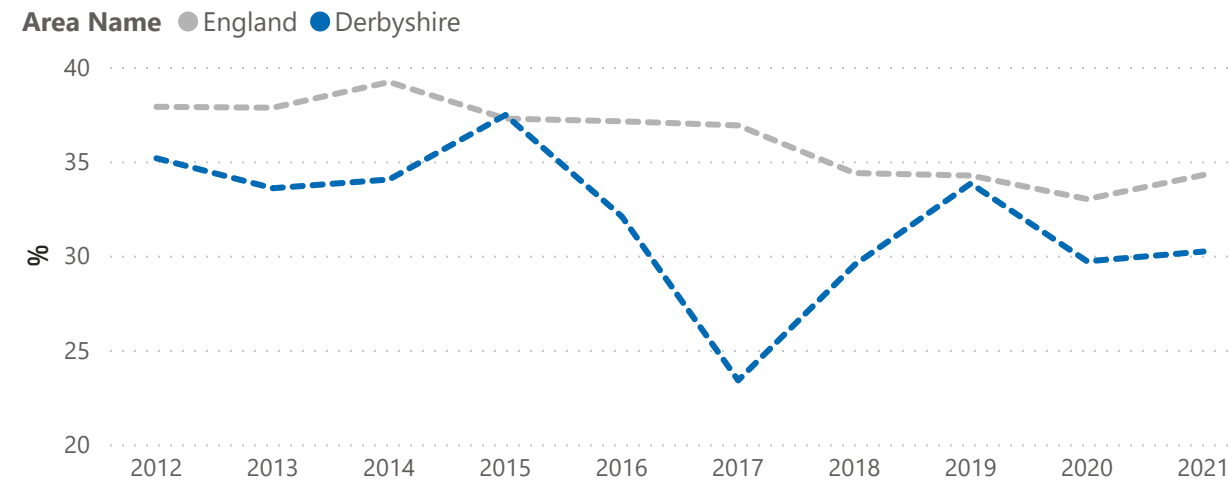
### Successful completion of drug treatment: opiate users



### Successful completion of drug treatment: non opiate users



### Successful completion of drug treatment: non opiate users



# Substance Misuse

Healthy Lives > Behavioural risk factors

## Substance Misuse

The excessive or improper use of drugs and alcohol has been associated with various adverse effects on individuals, families, and communities. These effects include premature mortality, long-term health problems, diminished quality of life and economic prospects, as well as an increase in social issues such as homelessness, violence, and exploitation. Addressing these issues requires interventions from both state and community-level service providers.

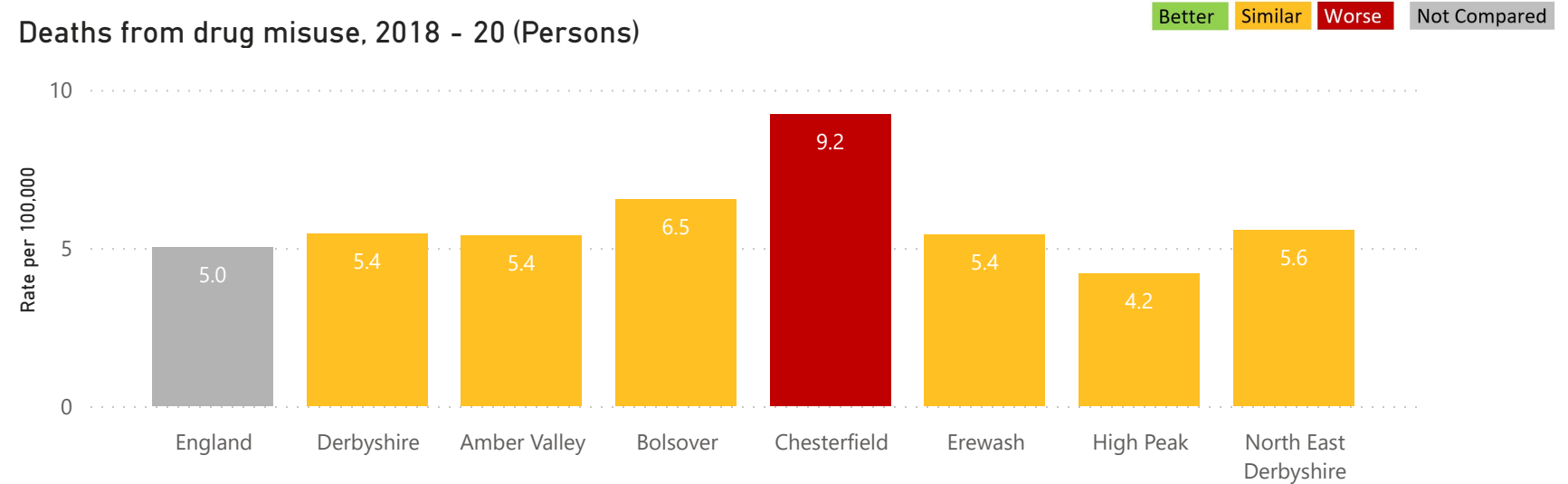
Individuals who successfully complete drug treatment demonstrate a significant improvement in health and wellbeing in terms of increased longevity, reduced blood-borne virus transmission, improved parenting skills and improved physical and psychological health.

## What is happening locally?

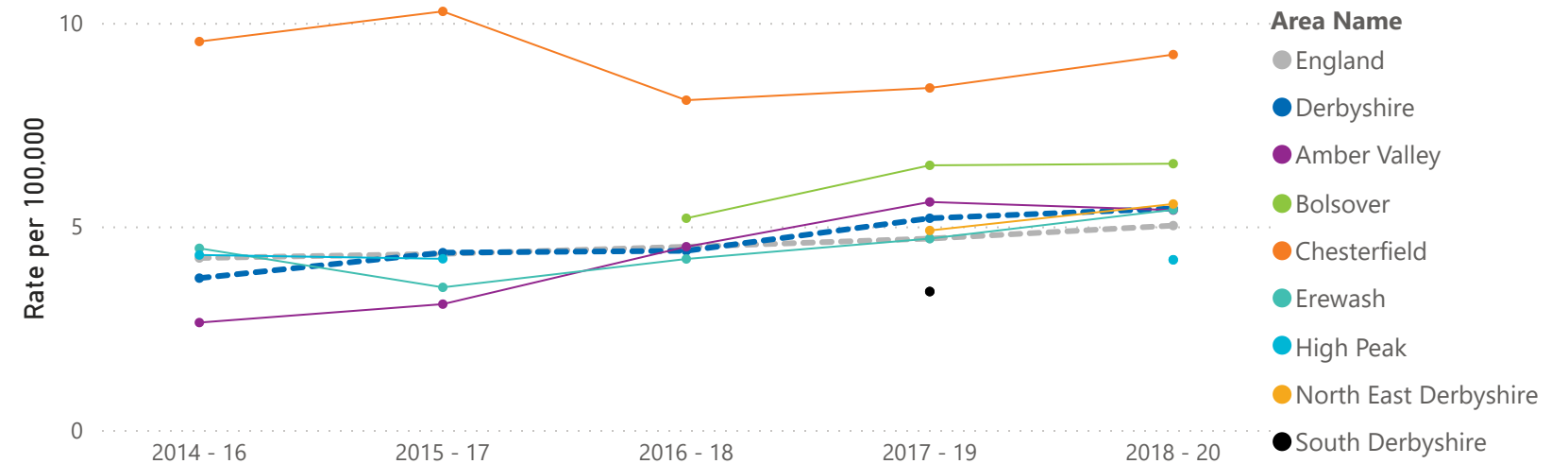
During 2018-20 there were 123 deaths from drug misuse in Derbyshire, as a rate this is 5.4 per 100,000 and was similar to the England rate (5.0). Within Derbyshire, Chesterfield (9.2 per 100,000) had a significantly higher rate of deaths from drug misuse than England.

Source: Fingertips, OHID

Deaths from drug misuse, 2018 - 20 (Persons)



Deaths from drug misuse



# Physical activity

Healthy Lives > Behavioural risk factors

## Physical activity

Physical inactivity is the 4th leading risk factor for global mortality (accounting for 6% of deaths globally). People who have a physically active lifestyle have a 20-35% lower risk of cardiovascular disease, coronary heart disease and stroke compared to those who have a sedentary lifestyle. Regular physical activity is also associated with a reduced risk of diabetes, obesity, osteoporosis and colon/breast cancer and with improved mental health. In older adults physical activity is associated with increased functional capacities. The estimated direct cost of physical inactivity to the NHS across the UK is over £0.9 billion per year.

## What is happening locally?

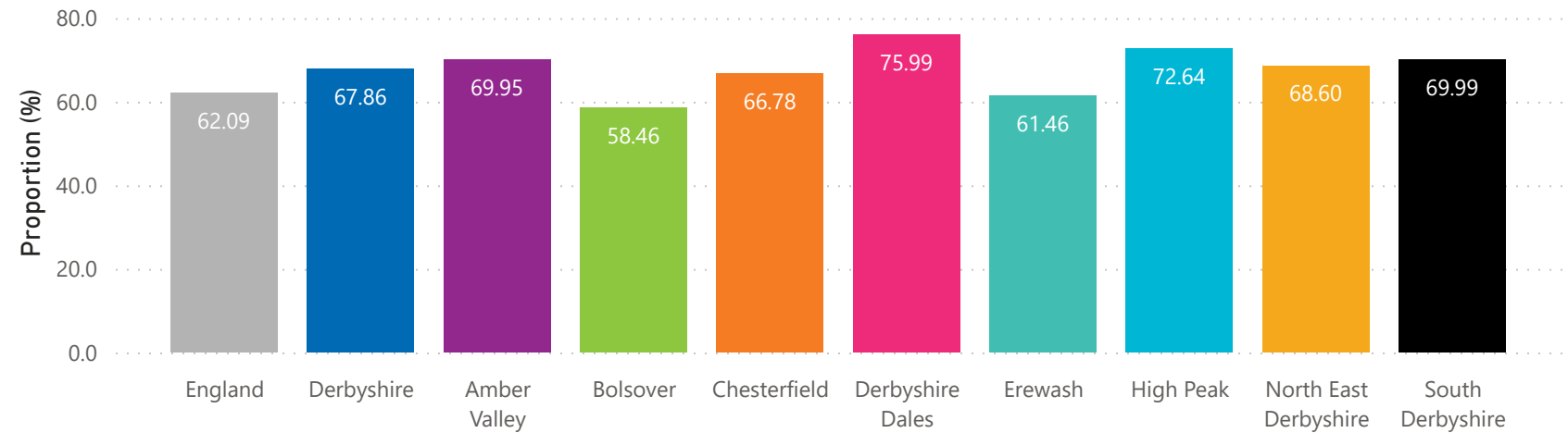
Since 2018/19, there has been a significant decrease in the proportion of physically active adults in Derbyshire.

During 2020/21, it was estimated that 67.9% of adults were physically active in Derbyshire and 65.9% in England.

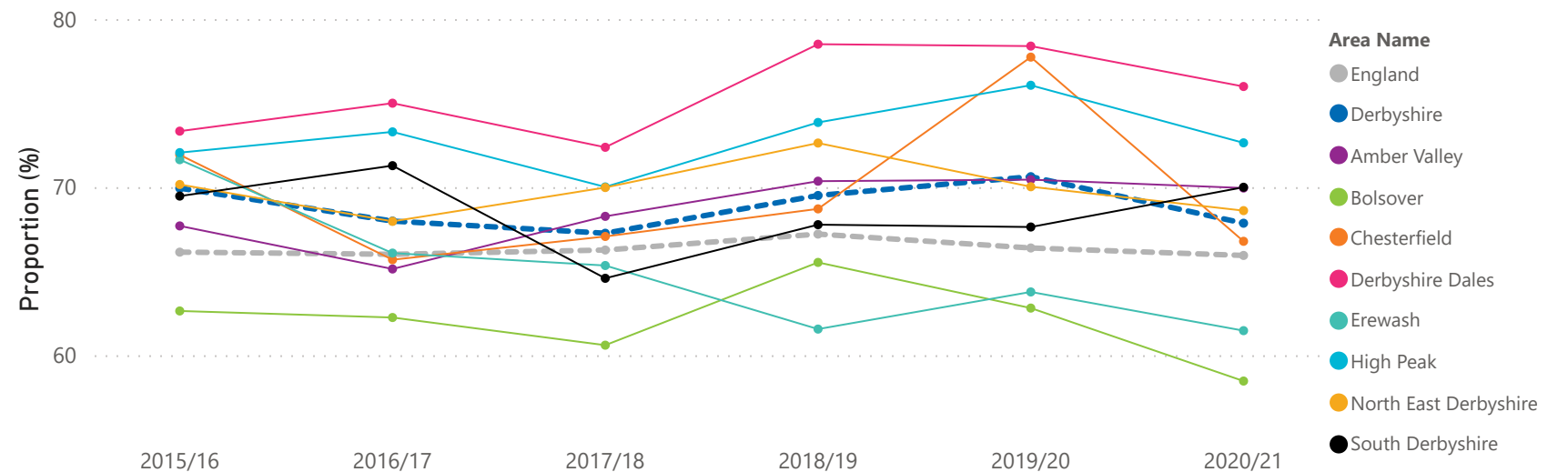
In England, during 2020/21, a greater proportion of males were physically active than females (67.9% of males compared to 64.2% of females).

Source: Fingertips, OHID

Percentage of physically active adults, 2020/21 (Persons)



Proportion of physically active adults (aged 19+ years)





# Physical activity

Healthy Lives > Behavioural risk factors

## Physical activity

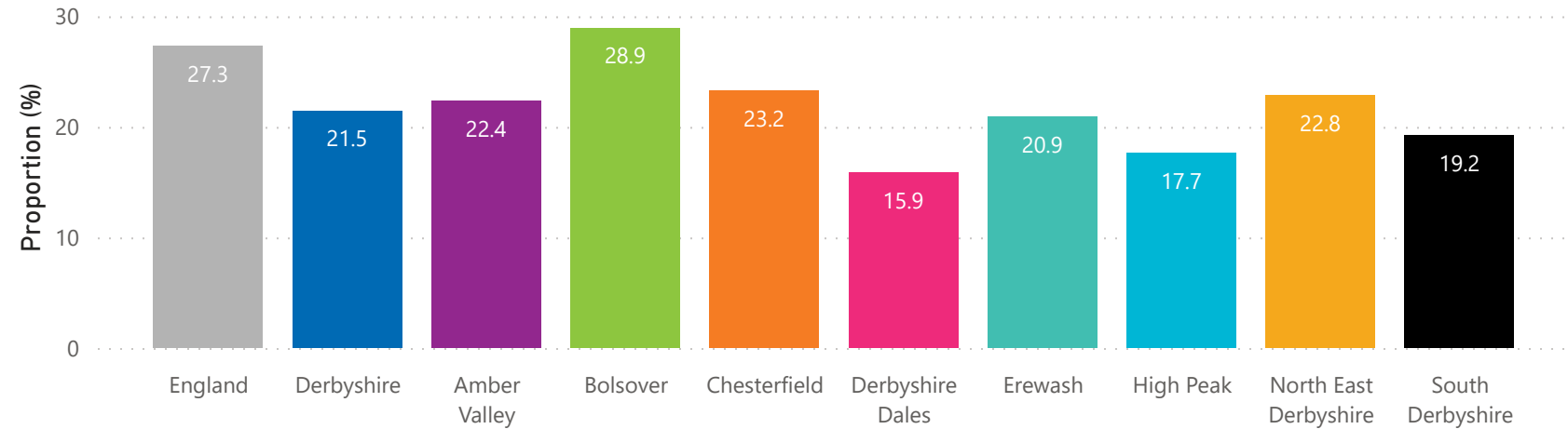
Physical inactivity is the 4th leading risk factor for global mortality (accounting for 6% of deaths globally). People who have a physically active lifestyle have a 20-35% lower risk of cardiovascular disease, coronary heart disease and stroke compared to those who have a sedentary lifestyle. Regular physical activity is also associated with a reduced risk of diabetes, obesity, osteoporosis and colon/breast cancer and with improved mental health. In older adults physical activity is associated with increased functional capacities. The estimated direct cost of physical inactivity to the NHS across the UK is over £0.9 billion per year.

## What is happening locally?

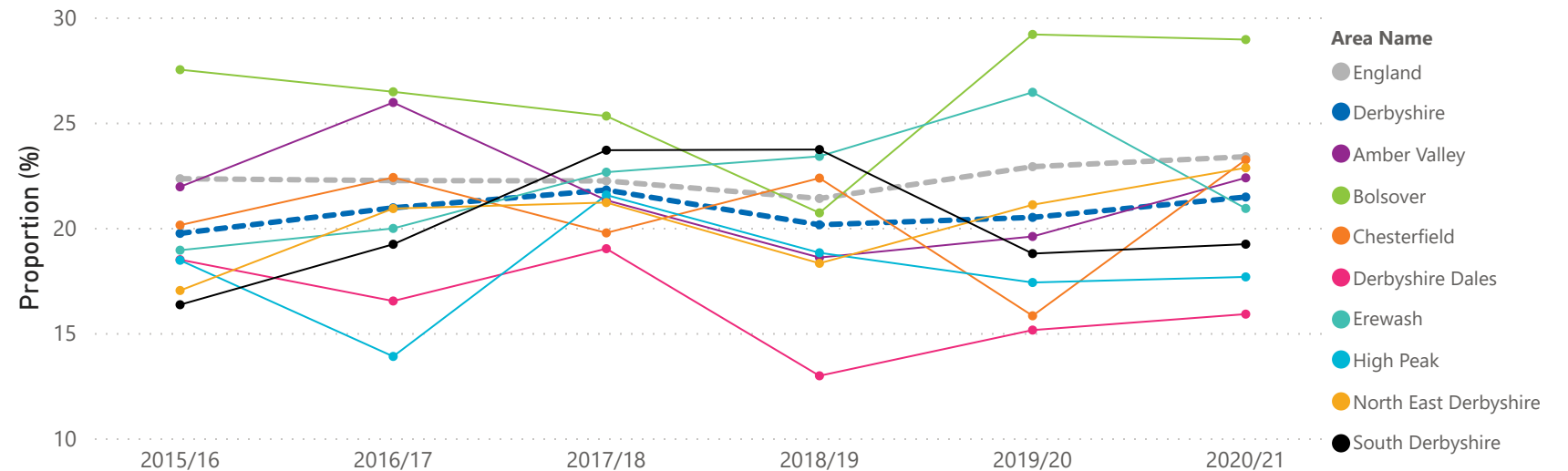
During 2020/21, it was estimated that 21.5% of adults were physically inactive in Derbyshire, compared to 27.3% in England.

Source: Fingertips, OHID

Percentage of physically inactive adults, 2020/21 (Persons)



Proportion of physically active adults (aged 19+ years)



# 5 a day (Fruit and Veg)

Healthy Lives > Behavioural risk factors

## 5 a day (fruit and veg)

In England, two thirds of adults are overweight or obese. Poor diet and obesity are leading causes of premature death and mortality (Global Burden of Disease, 2017), and are associated with a wide range of diseases including cardiovascular disease and some cancers, which can have a significant impact on an individual's physical and mental health and wellbeing.

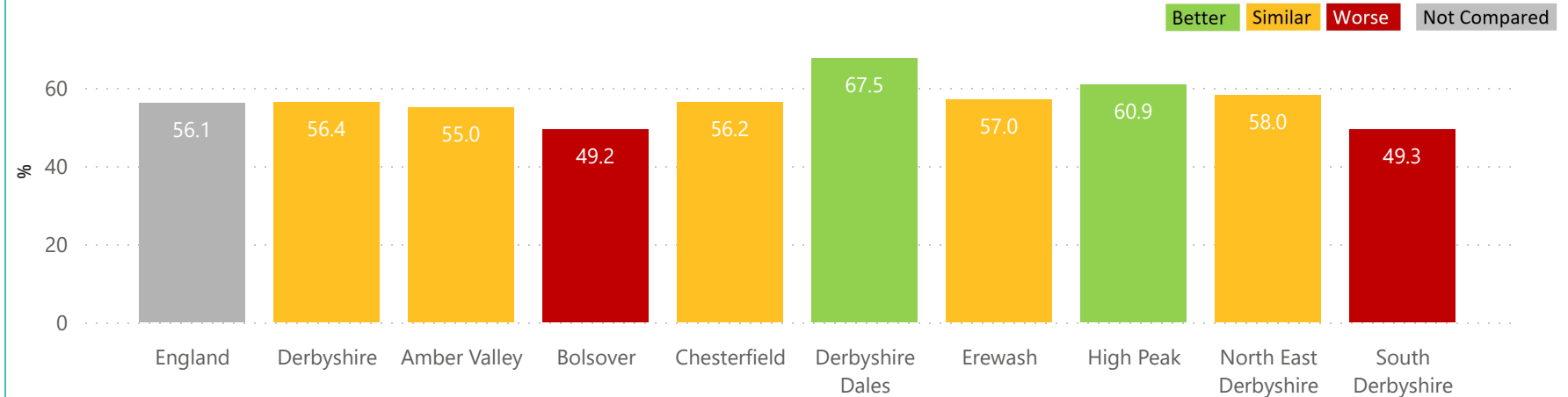
The costs of diet related chronic diseases to the NHS and more broadly to society are considerable. Average intakes of saturated fat, sugar, and salt are above recommendations while intakes of fruit and vegetables, oily fish, fibre and some vitamins and minerals in some groups are below recommendations. Average intake of trans fatty acids are within recommendations.

## What is happening locally?

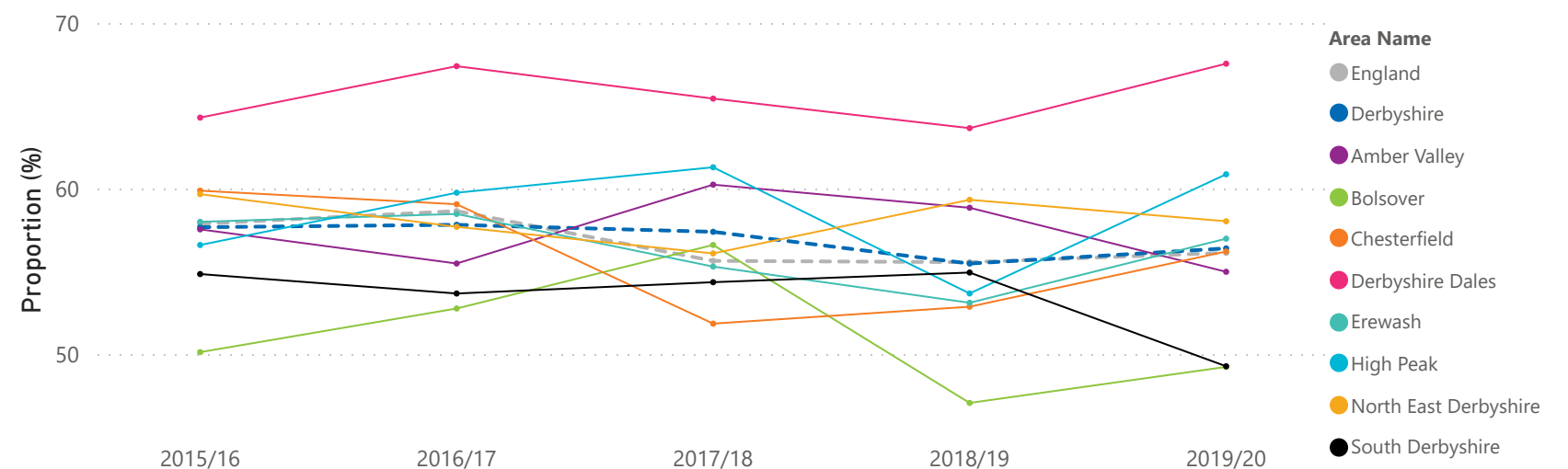
Data from the 2019/20 Active Lives Adult Survey reported that 56.4% of adults in Derbyshire reported that they had eaten the recommended 5 portions of fruit and vegetables on a usual day. This is similar to the England rate (56.1%).

Bolsover and South Derbyshire reported to have significantly lower amount of adults meeting the recommended amount when compared to the England average (49.2% and 49.3% respectively).

Proportion of the population meeting the recommended '5 a day' on a 'usual day' (adults), 2019/20 (Persons)



Proportion of the population meeting the recommended '5 a day' on a 'usual day' (adults) (Persons)



Source: OHID, Fingertips

# Sexual Health & HIV

Healthy Lives > Behavioural risk factors

## Sexual Health & HIV

Having a healthy sexual life is a crucial aspect of one's overall physical, mental, and emotional health and wellness. It plays a central role in nurturing some of the most significant relationships in our lives and can significantly influence other areas of our health and overall wellbeing. Sexually transmitted infections (STIs) can significantly contribute to the overall disease burden in the local population. Although anyone who engages in sexual activity is susceptible to STIs, certain groups are at a higher risk, including men who have sex with men, younger adults, individuals from black and ethnic minority groups, as well as those in prisons and immigration removal centers (IRCs). Given the wide-ranging impact of sexual health on overall wellbeing, establishing effective links and pathways between services is crucial.

## What is happening locally?

Chlamydia detections rates for persons aged 15 to 24 years were significantly lower in Derbyshire (1,173.5 per 100,000) compared to England (1,334.2 per 100,000). The % of those screened for Chlamydia was also significantly lower in Derbyshire (13.8%) when compared to the England average (14.8%). HIV testing coverage across Derbyshire and its districts was significantly worse when compared to England.

Sexual Health Indicator	England	Derbyshire	Amber Valley	Bolsover	Chesterfield	Derbyshire Dales	Erewash	High Peak	North East Derbyshire	South Derbyshire
All new STI diagnoses rate per 100,000, 2021 (Persons)	551.0	358.2	340.0	369.0	470.8	252.7	381.5	314.1	330.7	371.6
Chlamydia detection rate per 100,000 aged 15 to 24, 2021 (Persons)	1,334.2	1,173.5	1,192.5	1,084.1	1,498.8	729.0	1,242.6	1,094.6	1,217.9	1,129.5
Chlamydia proportion aged 15 to 24 screened, 2021 (Persons)	14.8	13.8	14.7	12.9	15.6	12.0	14.3	13.7	13.8	12.7
Gonorrhoea diagnostic rate per 100,000, 2021 (Persons)	90.3	38.7	38.8	46.7	56.2	20.7	35.5	24.8	41.1	40.2
HIV diagnosed prevalence rate per 1,000 aged 15 to 59, 2021 (Persons)	2.3	0.8	0.7	1.0	1.1	0.6	0.5	1.0	0.7	1.0
HIV late diagnosis in people first diagnosed with HIV in the UK, 2019 - 21 (Persons)	43.4	47.6	100.0	33.3	50.0	0.0	66.7	33.3	33.3	50.0
HIV testing coverage, total, 2021 (Persons)	45.8	33.8	39.2	35.3	28.7	38.0	35.0	38.0	28.6	35.5
New HIV diagnosis rate per 100,000, 2021 (Persons)	4.8	1.2	0.8	2.5	3.8	2.8	0.9	0.0	0.0	0.0
New STI diagnoses (excluding chlamydia aged under 25) per 100,000, 2021 (Persons)	394.5	242.0	224.3	257.1	318.3	185.0	256.7	206.2	216.2	254.8
Syphilis diagnostic rate per 100,000, 2021 (Persons)	13.3	5.3	9.3	9.8	4.8	2.8	2.6	5.4	4.9	2.7
Total prescribed LARC excluding injections rate / 1,000, 2021 (Female)	41.8	57.3	64.5	58.8	69.4	79.3	50.2	51.8	51.3	43.6
Under 16s conception rate / 1,000, 2020 (Female)	2.0	1.8								
Under 18s conception rate / 1,000, 2020 (Female)	13.0	10.3	10.8	14.0	15.6	5.9	7.7	9.6	9.2	9.6
Under 18s conceptions leading to abortion (%), 2020 (Female)	53.0	49.6	40.0	38.9	41.7	71.4	42.9	92.9	35.7	55.6

Better Similar Worse Not Compared

Source: OHID, Fingertips

# Child overweight and obesity

## Child obesity

Children with excess weight are at an increased risk of various health problems and are more likely to become obese adults. Obesity is also linked to poor mental health and many children experience bullying related to their weight.

There is a strong association between deprivation and childhood obesity and research has shown that children from the most deprived areas are more than twice as likely to be overweight or obese than children from the least deprived groups (1).

## What is happening locally?

Derbyshire has a similar proportion of overweight or obese reception aged children to England, however the proportion of overweight or obese Year 6 children in Derbyshire is significantly lower than England.

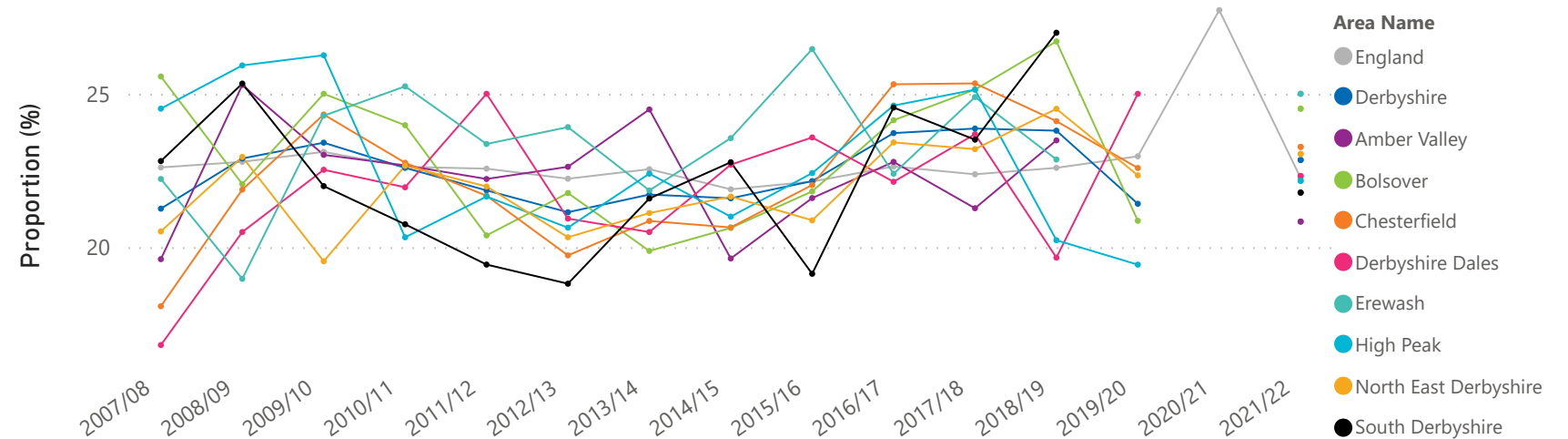
During 2021/20, 22.8% of children in Derbyshire started school overweight or obese, with this proportion increasing to 36.3% of year 6 children

note- No data was collected for the 2020/21 academic year in Derbyshire. The cohort of children measure changes every year.

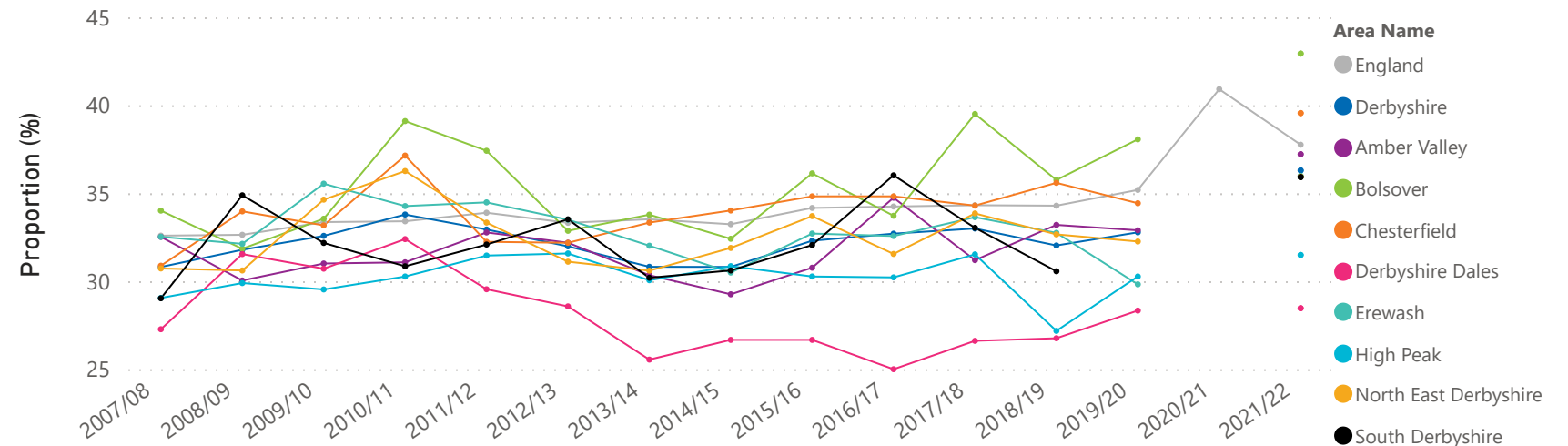
## References

1. NHS Digital. National Child Measurement Programme, England 2021/21 School Year. 2021. [Accessed 27/10/22].

Prevalence of overweight (including obesity) - Reception



Prevalence of overweight (including obesity) - Year 6



# Child overweight and obesity

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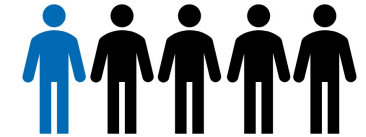
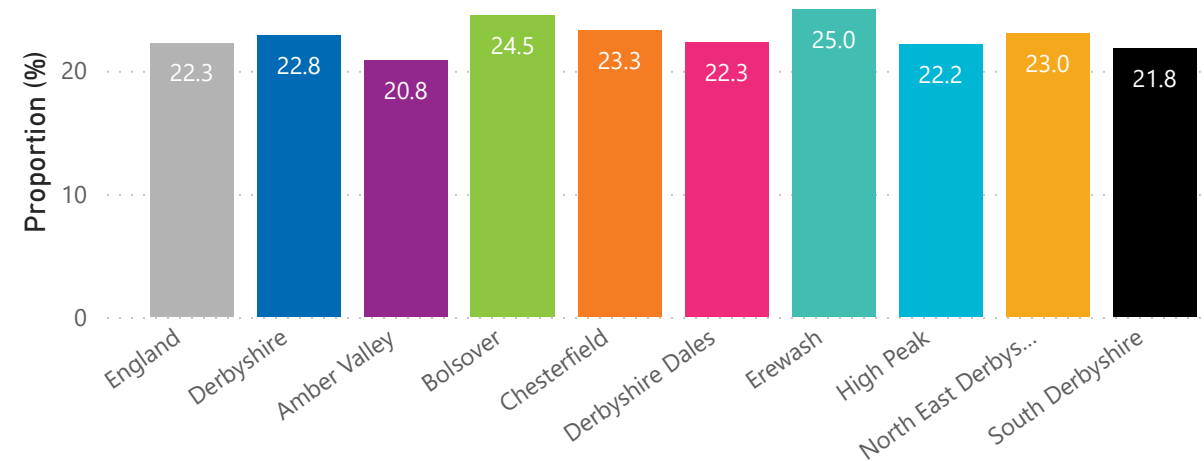
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note- No data was collected for the 2020/21 academic year in Derbyshire

## References

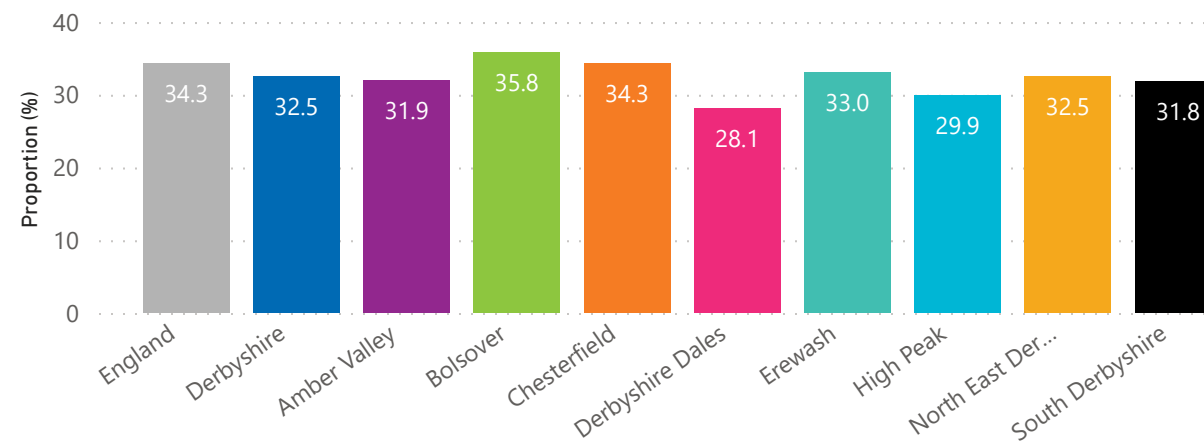
1. NHS Digital. National Child Measurement Programme, England 2021/21 School Year. 2021. [Accessed 27/10/22].

Prevalence of overweight (including obesity) - Reception



During 2019/20, more than **1 in 5** reception aged children were overweight or obese in Derbyshire (22.8%), compared to 23.0% in England

Prevalence of overweight (including obesity) - Year 6



During 2019/20, **36.3%** of Year 6 children were overweight or obese in Derbyshire

Source: OHID, Fingertips

# Adult Obesity

Healthy Lives > Physiological risk factors

## Obesity

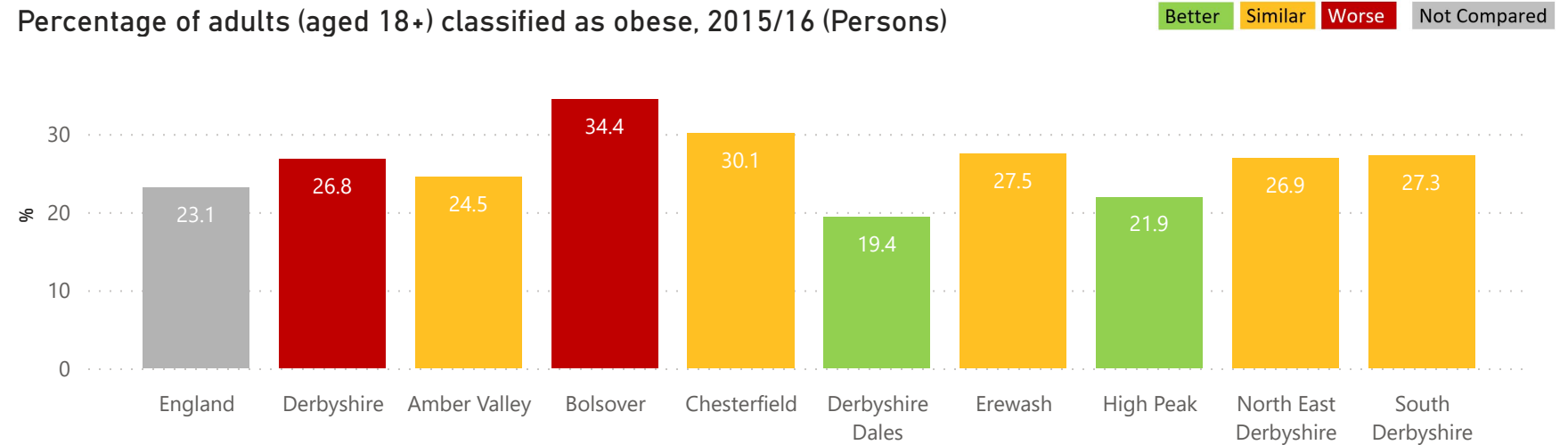
Obesity is a global and complex public health concern. It is associated with reduced life expectancy and is a risk factor for a range of chronic diseases, including cardiovascular disease, type 2 diabetes, at least 12 types of cancer, liver and respiratory disease, and can also impact on mental health. The risk and severity of these diseases increases with higher body mass index (BMI).

## What is happening locally?

Since 2016/17, both locally and nationally, there has been a large increase in the proportion of the population aged 18+ years who are classified as obese. This proportion is significantly higher in Derbyshire, than in England.

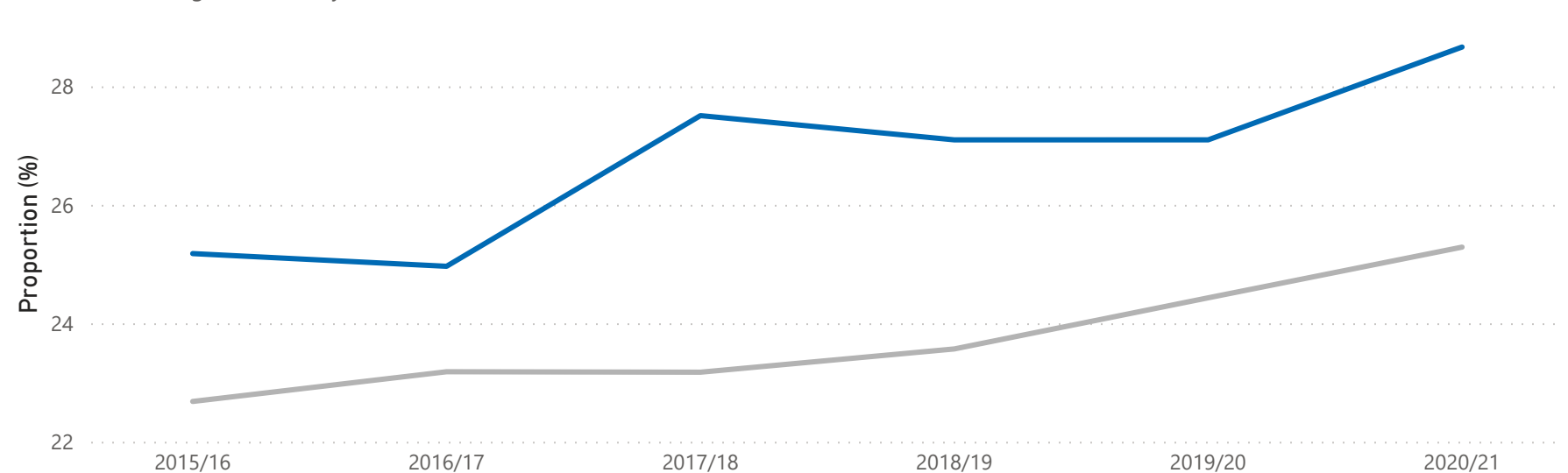
In 2020/21, 28.7% of adults aged 18+ years were classified as obese in Derbyshire and 25.3% in England.

Percentage of adults (aged 18+) classified as obese, 2015/16 (Persons)



Percentage of adults (aged 18+) classified as obese

AreaName ● England ● Derbyshire



# Cancer Screening (Breast Cancer)

Healthy Lives > Protective measures

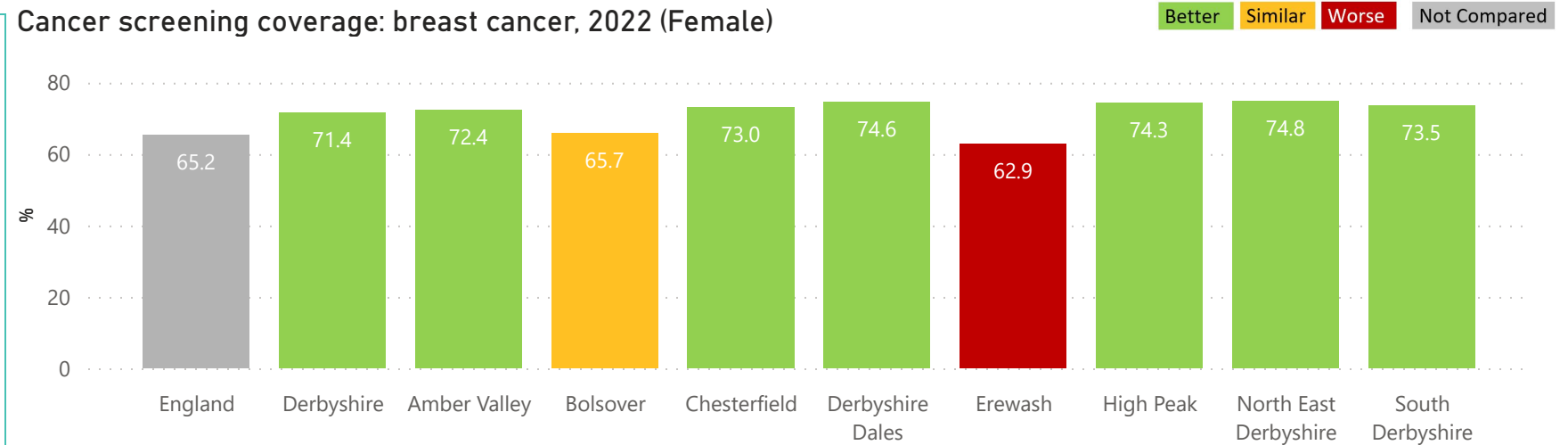
## Breast Cancer Screening

Breast screening supports early detection of cancer and is estimated to save 1,400 lives in England each year. This indicator provides an opportunity to incentivise screening promotion and other local initiatives to increase coverage of breast screening.

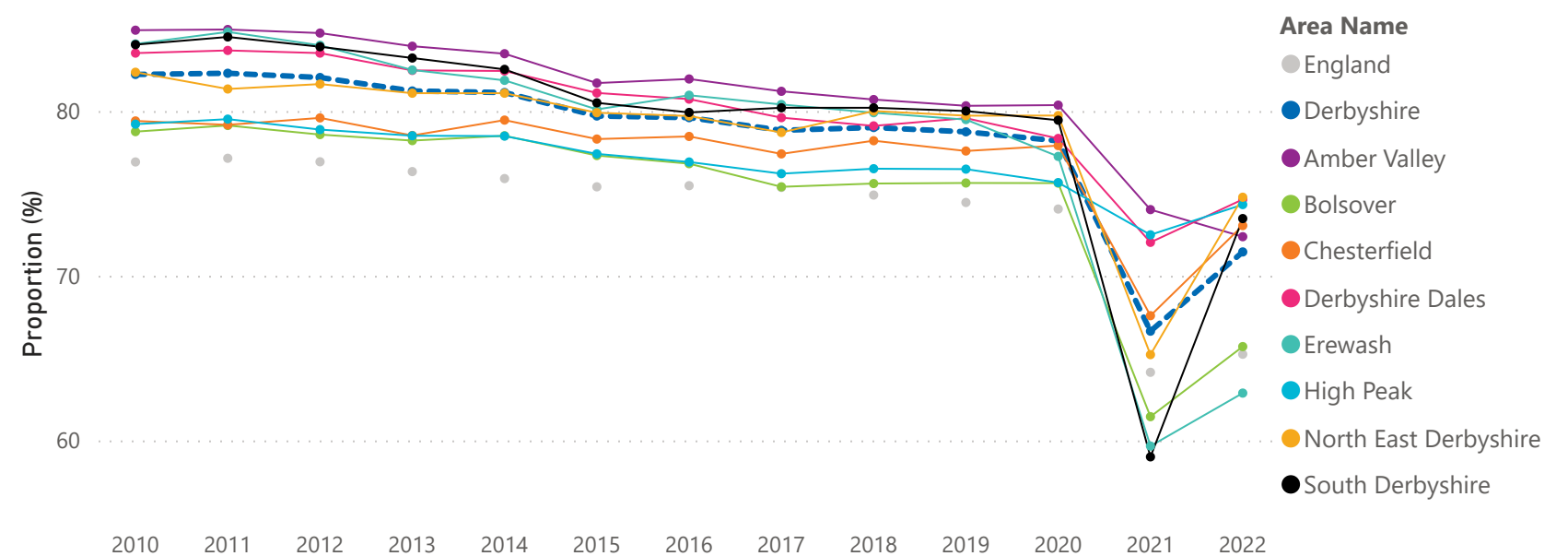
### What is happening locally?

Derbyshire achieved a breast screening coverage rate of 71.4% in 2022, this was significantly better than the England rate (65.2%). Of the District and boroughs in Derbyshire all apart from Bolsover and Erewash had significantly higher rates than England. Bolsover (65.7%) had similar screen rate, however Erewash's rate was significantly worse (62.9%).

Cancer screening coverage: breast cancer, 2022 (Female)



Cancer screening coverage: breast cancer, 1y (Female)



# Cancer Screening (Bowel Cancer)

Healthy Lives > Protective measures

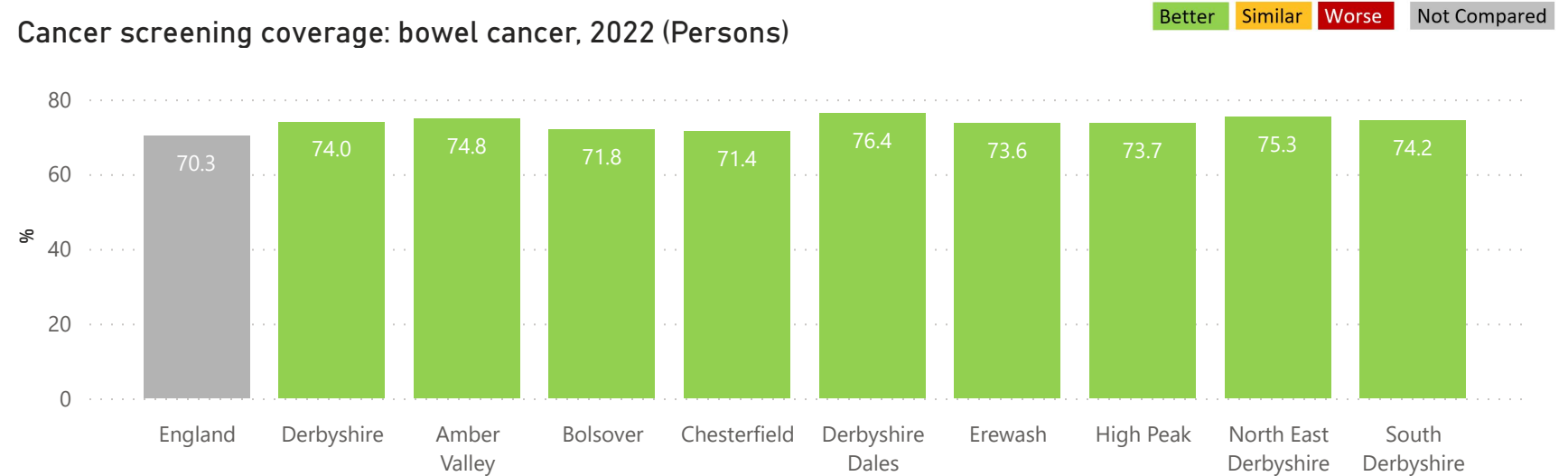
## Bowel Cancer Screening

Bowel cancer screening supports early detection of cancer and polyps which are not cancers but may develop into cancers overtime. About one in 20 people in the UK will develop bowel cancer during their lifetime. This indicator provides an opportunity to incentivise screening promotion and other local initiatives to increase coverage of bowel cancer screening.

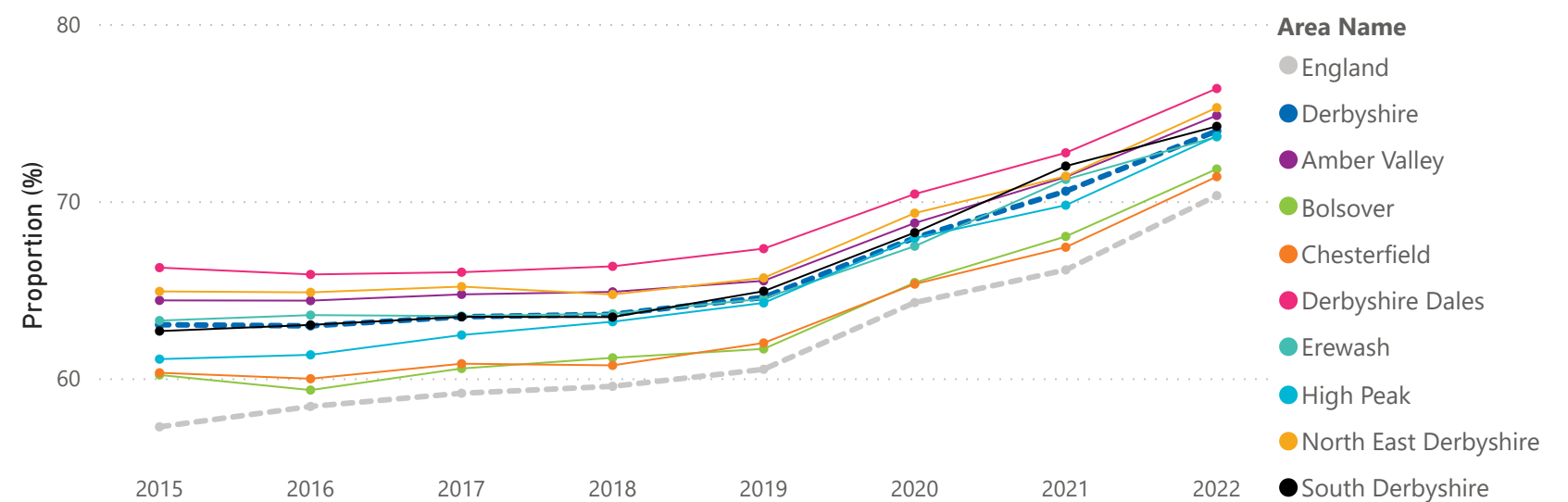
## What is happening locally?

Since 2015 Bowel Cancer screening coverage rates have increased across Derbyshire and districts, in 2022 all areas had significantly higher coverage rates than England. Derbyshire achieved a Bowel screening coverage rate of 74.0 % in 2022

Cancer screening coverage: bowel cancer, 2022 (Persons)



Cancer screening coverage: bowel cancer, 1y (Persons)





# Vaccinations

Healthy Lives > Protective measures

## Vaccinations

Vaccination coverage is the best indicator of the level of protection a population will have against vaccine preventable communicable diseases. Coverage is closely correlated with levels of disease. Monitoring coverage identifies possible drops in immunity before levels of disease rise.

## What is happening locally?

Vaccination and immunisation coverage for both children and Adults in Derbyshire was significantly higher than the England average.

## Child Vaccinations

### Vaccination Indicator



	Derbyshire (Count)	Derbyshire (%)	England (%)
Population vaccination coverage: Rotavirus (Rota) (1 year), 2021/22	6667	95.4	89.9
Population vaccination coverage: DTaP and IPV booster (5 years), 2021/22	7562	92.4	84.2
Population vaccination coverage: Dtap IPV Hib (1 year old), 2021/22	6757	96.7	91.8
Population vaccination coverage: Hib and MenC booster (2 years old), 2021/22	7020	95.8	89.0
Population vaccination coverage: MenB (1 year), 2021/22	6750	96.6	91.5
Population vaccination coverage: MenB booster (2 years), 2021/22	7002	95.5	88.0
Population vaccination coverage: MMR for one dose (2 years old), 2021/22	7018	95.7	89.2
Population vaccination coverage: MMR for two doses (5 years old), 2021/22	7639	93.4	85.7
Population vaccination coverage: PCV booster, 2021/22	7021	95.8	89.3
Population vaccination coverage: PCV, 2019/20	7022	96.0	93.2

## Adult Vaccinations

### Vaccination Indicator



	Derbyshire (Count)	Derbyshire (%)	England (%)
Population vaccination coverage: Dtap IPV Hib (1 year old), 2021/22	6757	96.7	91.8
Population vaccination coverage: Flu (aged 65 and over), 2021/22	158052	87.2	82.3
Population vaccination coverage: Flu (at risk individuals), 2021/22	73669	61.9	52.9
Population vaccination coverage: PCV booster, 2021/22	7021	95.8	89.3

Better Similar Worse Not Compared

# Education (School readiness at the end of Reception)

Healthy Lives > Children and young people

## Education

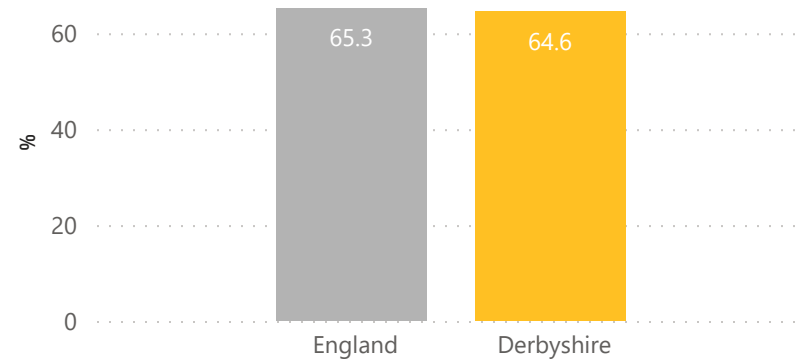
School readiness is a key measure of early years development across a wide range of developmental areas. Children from poorer backgrounds are more likely to have lower levels of development. For instance, children who are eligible for free school meals are more likely to experience poorer outcomes.

### What is happening locally?

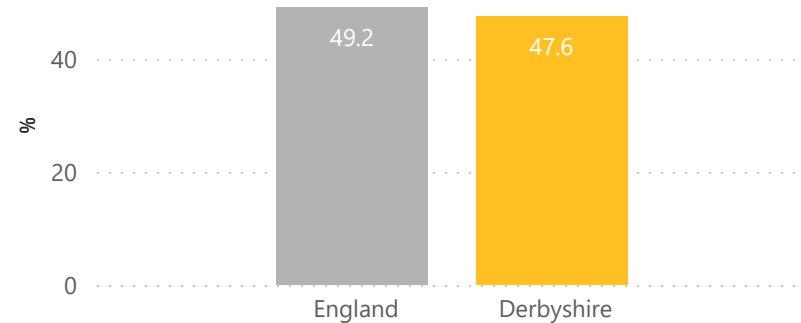
A good level of development at the end of Reception measures how ready a child is to start school. In Derbyshire between 2015/16 and 2018/19 proportion of children achieving a good level of development remained stable. In 2021/22 data the level dropped, with 64.6% of reception children in Derbyshire being ready to start Key stage one, this was similar to the England rate.

The % of children with free school meal status achieving a good level at the reception (47.6%) was lower than the Derbyshire Average.

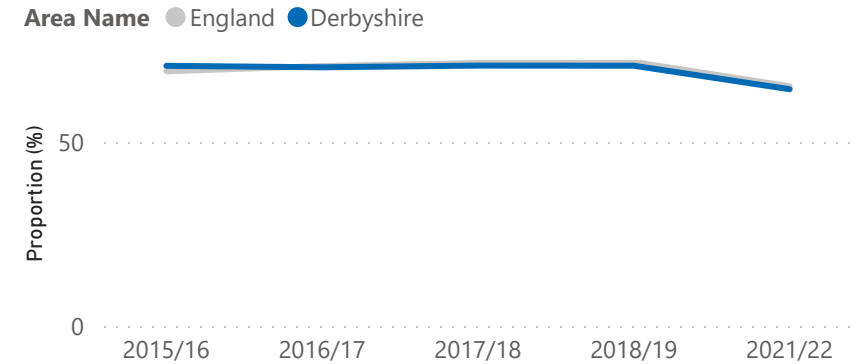
School readiness: percentage of children achieving a good level of development at the end of Reception



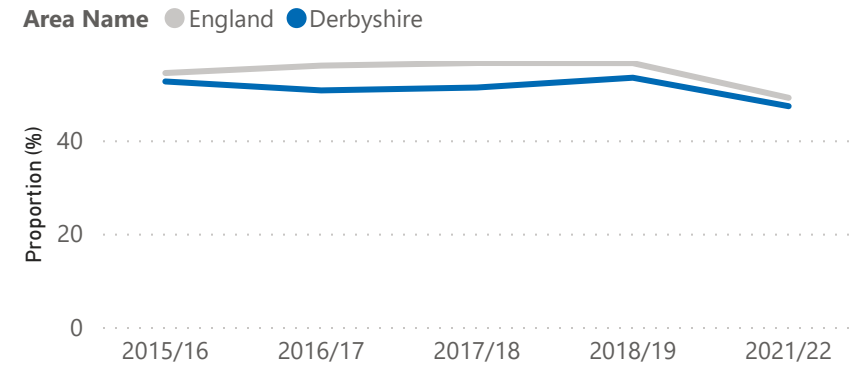
School Readiness: percentage of children with free school meal status achieving a good level of development at the end of Reception



School readiness: percentage of children achieving a good level of development at the end of Reception, 1y (Persons)



School Readiness: percentage of children with free school meal status achieving a good level of development at the end of Reception, 1y (Persons)



Source: OHID, Fingertips

# Education (School readiness in Year 1)

Healthy Lives > Children and young people

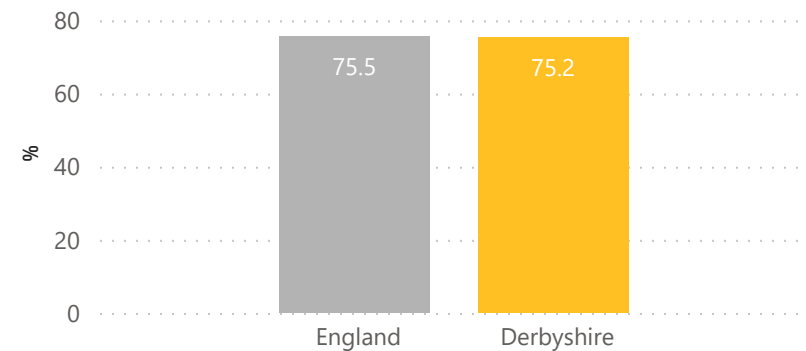
## Education

School readiness is a key measure of early years development across a wide range of developmental areas. Children from poorer backgrounds are more likely to have lower levels of development. For instance, children who are eligible for free school meals are more likely to experience poorer outcomes.

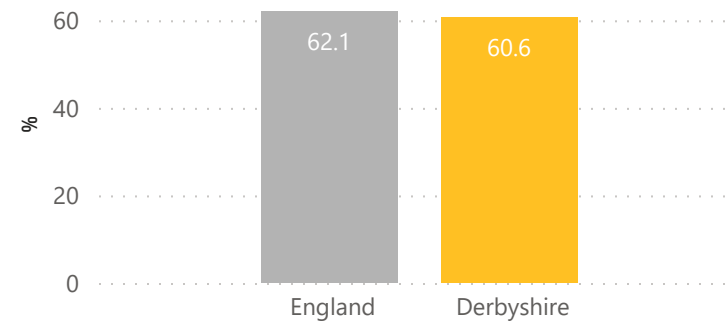
### What is happening locally?

In Derbyshire 75.2% of Year 1 children achieved the expected level in phonics screening, this was similar to the England average of 75.5%. The % of children with free school meal status achieving this level was lower than the Derbyshire Average (60.6% of year 1 children).

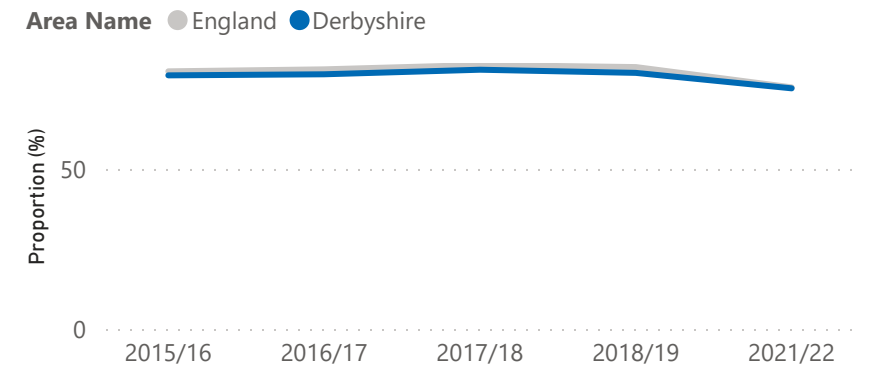
School readiness: percentage of children achieving the expected level in the phonics screening check in Year 1



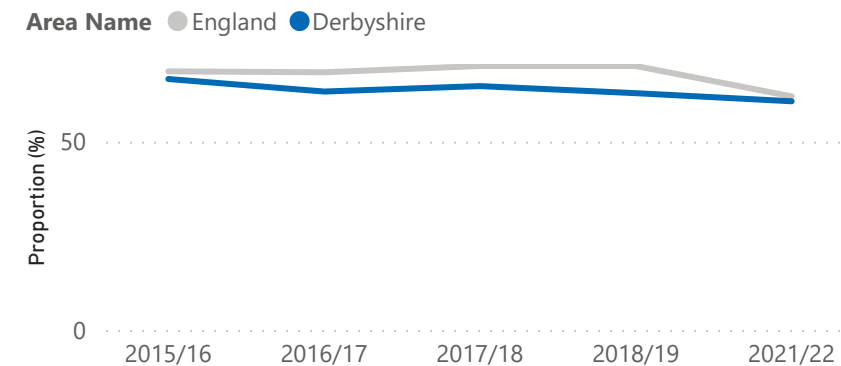
School readiness: percentage of children with free school meal status achieving the expected level in the phonics screening check in Year 1



School readiness: percentage of children achieving the expected level in the phonics screening check in Year 1, 1y (Persons)



School readiness: percentage of children with free school meal status achieving the expected level in the phonics screening check in Year 1, 1y (Persons)



Source: OHID, Fingertips

# Education (Attainment 8)

Healthy Lives > Children and young people

## Education

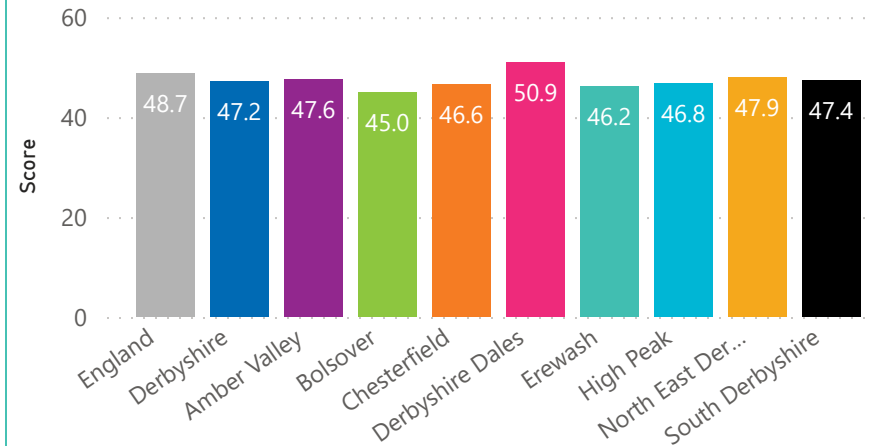
The assessment system that concludes secondary education has shifted from 'GCSE' to 'Attainment 8'. This measures the results of pupils at state-funded mainstream schools in England in 8 GCSE-level qualifications. Attainment 8 is a way of measuring how well pupils do in key stage 4, which they usually finish when they are 16 years old.

## What is happening locally?

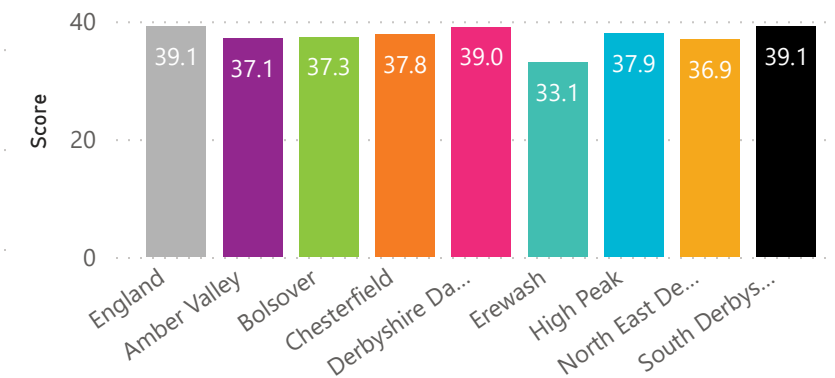
In the 2020/21 the average attainment 8 score for Derbyshire was 47.2, this was lower than the England average of 48.7.

Across all areas children eligible for free schools meals had lower attainment 8 scores, the Derbyshire average score was 37.1.

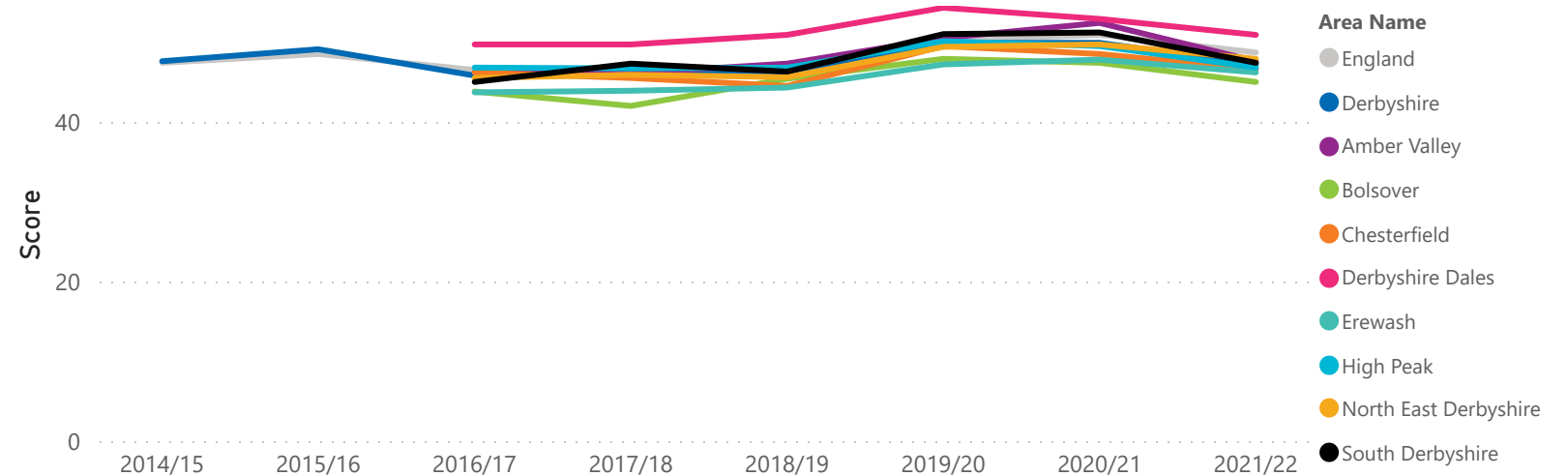
Average Attainment 8 score, 2021/22



Average Attainment 8 Score among children eligible for Free School Meals (FSM), 2020/21



Average Attainment 8 score, 1y (Persons)



Source: OHID, Fingertips

# Not in education, employment or training

Healthy Lives > Children and young people

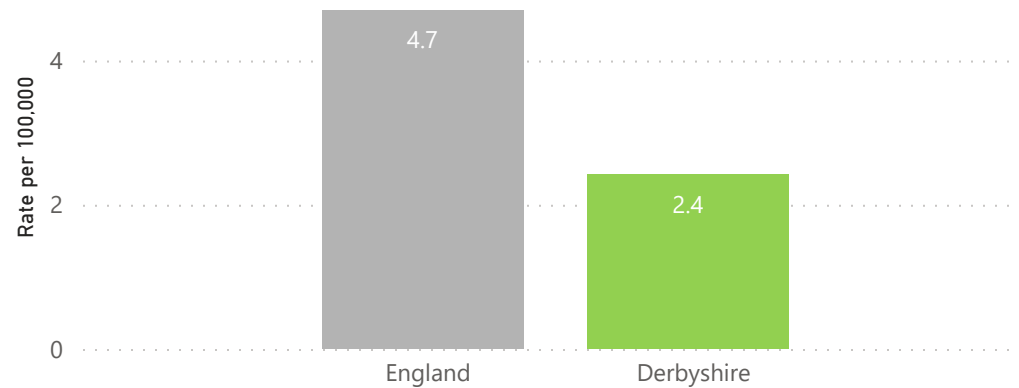
## Education

Young people who are not in education, employment or training (NEET) are at greater risk of a range of negative outcomes, including poor health, depression or early parenthood. The indicator is included to encourage services to work together to support young people, particularly the most vulnerable, to engage in education, training and work.

## What is happening locally?

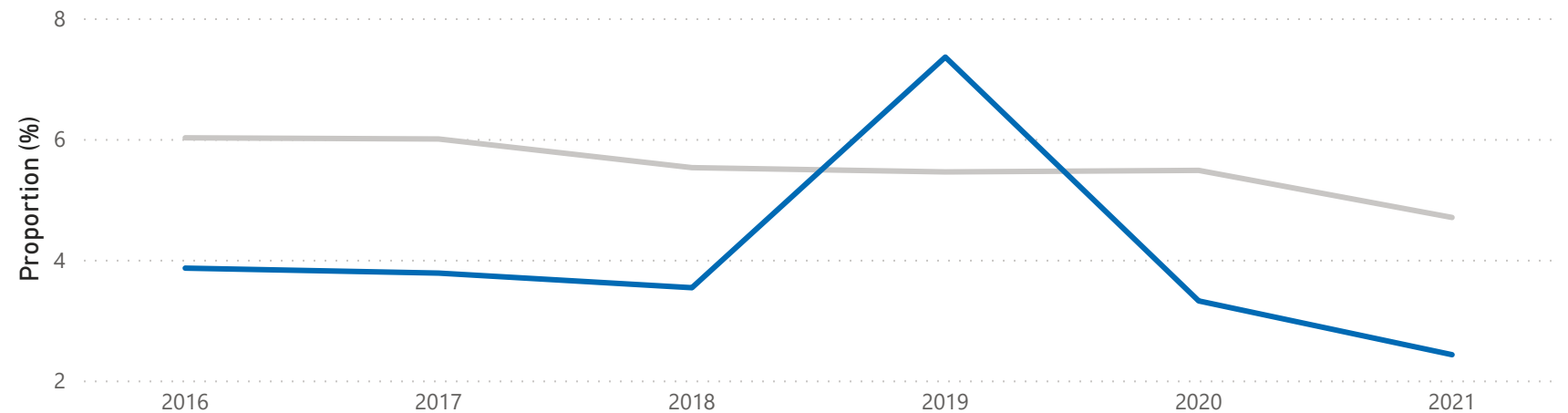
In 2021 it was estimated that 382 young adults aged 16 to 17 years were not in education, employment or Training (NEET), this represents 2.4% of this age group. This was significantly lower than the England average of 4.7%.

16 to 17 year olds not in education, employment or training (NEET) or whose activity is not known, 2021



16 to 17 year olds not in education, employment or training (NEET) or whose activity is not known, 1y (Persons)

Area Name ● England ● Derbyshire



Source: OHID, Fingertips

# Breastfeeding

Healthy Lives > Children and young people

## Breastfeeding

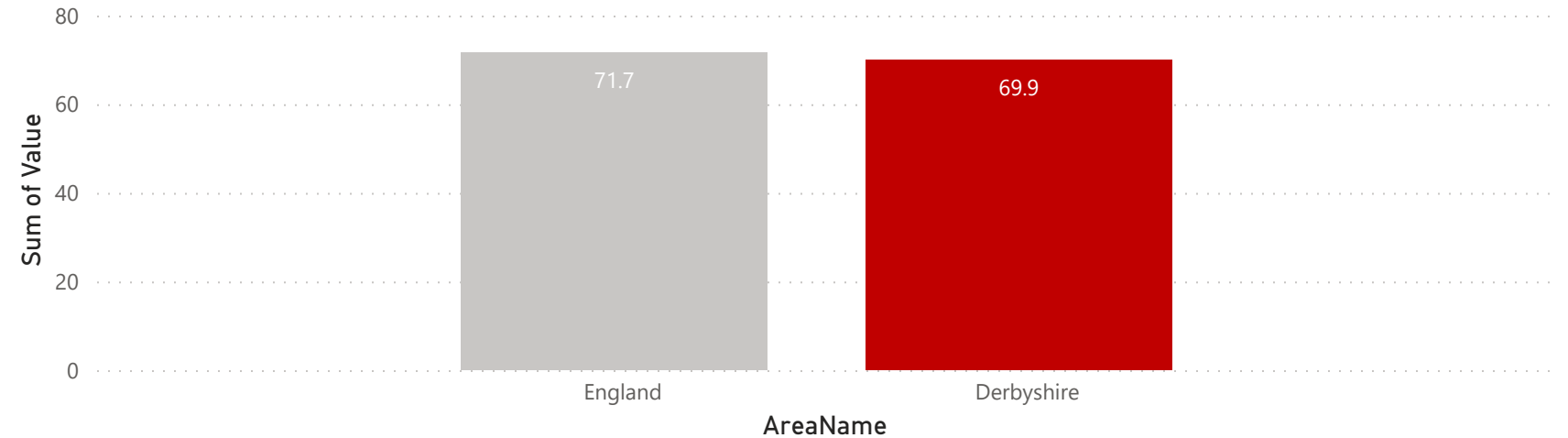
Breast milk provides the ideal nutrition for infants in the first stages of life. There is evidence that babies who are breast fed experience lower levels of gastro-intestinal and respiratory infection. Observational studies have shown that breastfeeding is associated with lower levels of child obesity.

Breast feeding data focus on two main indicators: Initiation of breastfeeding, or first feed of breastmilk, and whether breastfeeding has been maintained after six to eight weeks

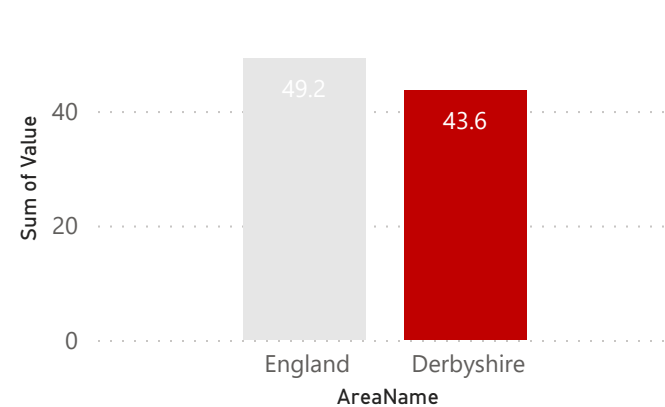
## What is happening locally?

In 2020/21 the rate of breastfeeding initiation in Derbyshire was 69.9%, this is significantly lower than the England rate of 71.1%. 2021/22 data on mothers still breastfeeding at 6-8 weeks, shows 43.6%, this is significantly lower than the England rate (49.2%).

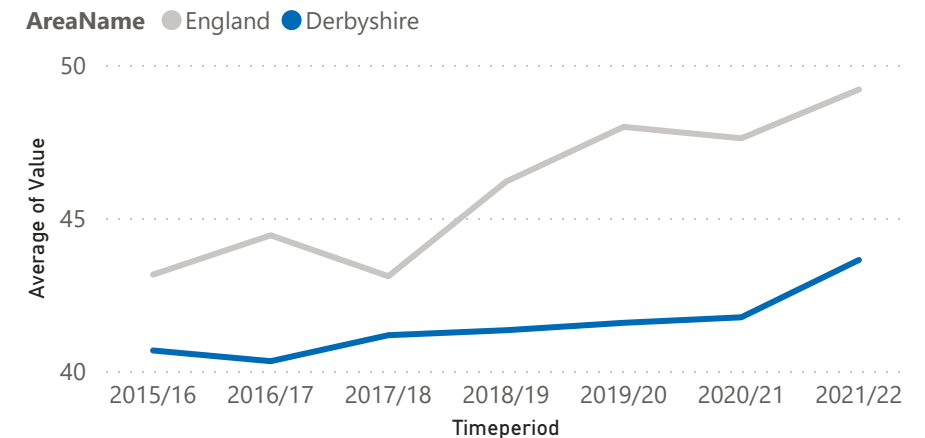
### Baby's first feed breastmilk, 1y, 2020/21 (Persons)



### Breastfeeding prevalence at 6-8 weeks after birth - current method, 1y, 2021/22 (Persons)



### Breastfeeding prevalence at 6-8 weeks after birth - current method, 1y, 2015/16-2021/22



# Dental

Healthy Lives > Children and young people

## Dental

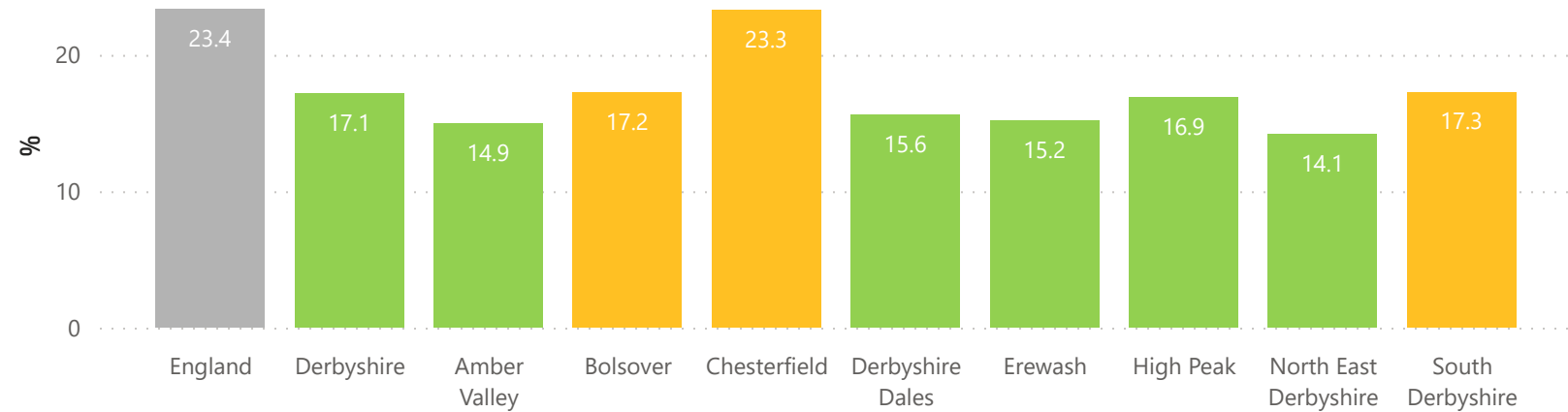
Dental caries (tooth decay) and periodontal (gum) disease are the most common dental pathologies in the UK. Tooth decay has become less common over the past two decades, but is still a significant health and social problem. It results in destruction of the crowns of teeth and frequently leads to pain and infection. Dental disease is more common in deprived communities than those that are more affluent. The indicator is a good direct measure of dental health and an indirect, proxy measure of child health and diet.

### What is happening locally?

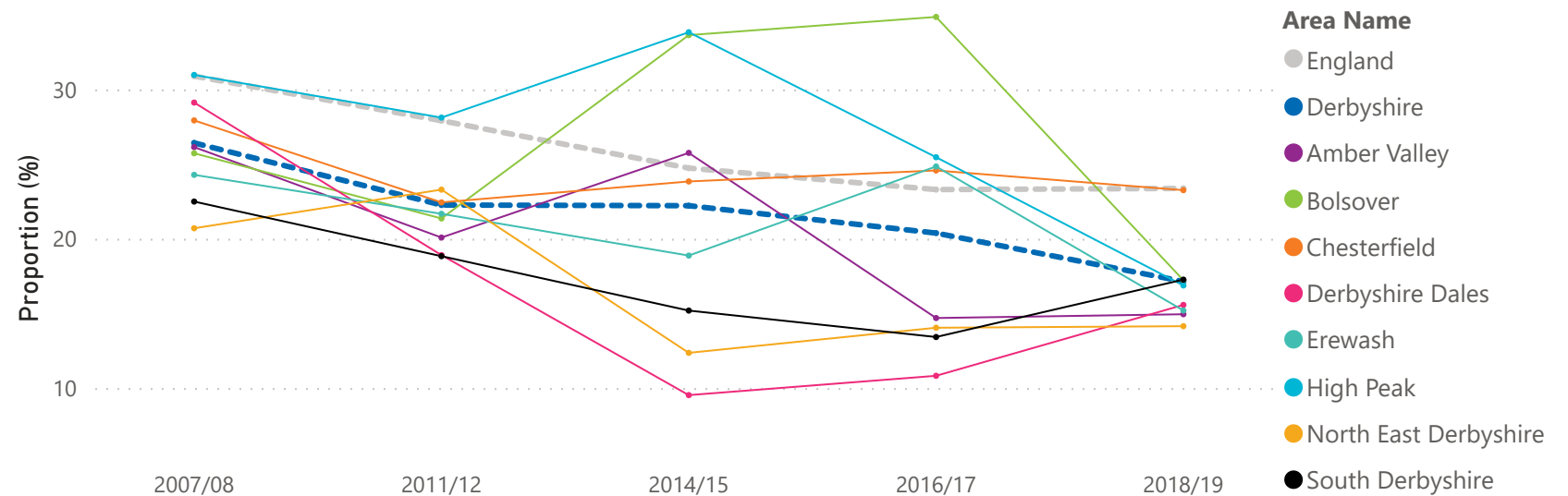
In 2018/19 it was estimated that 17.1% of Children in Derbyshire have one or more obviously decayed, missing and filled teeth. This is significantly better than the England figure of 23.4%.

Better Similar Worse Not Compared

Percentage of 5 year olds with experience of visually obvious dental decay, 2018/19 (Persons)



Percentage of 5 year olds with experience of visually obvious dental decay, 1y (Persons)



# Teenage Conception

Healthy Lives > Children and young people

## Teenage Conceptions

Most teenage pregnancies are unplanned and around half end in an abortion. As well as it being an avoidable experience for the young woman, abortions represent an avoidable cost to the NHS. And while for some young women having a child when young can represent a positive turning point in their lives, for many more teenagers bringing up a child is extremely difficult and often results in poor outcomes for both the teenage parent and the child, in terms of the baby's health, the mother's emotional health and well-being and the likelihood of both the parent and child living in long-term poverty.

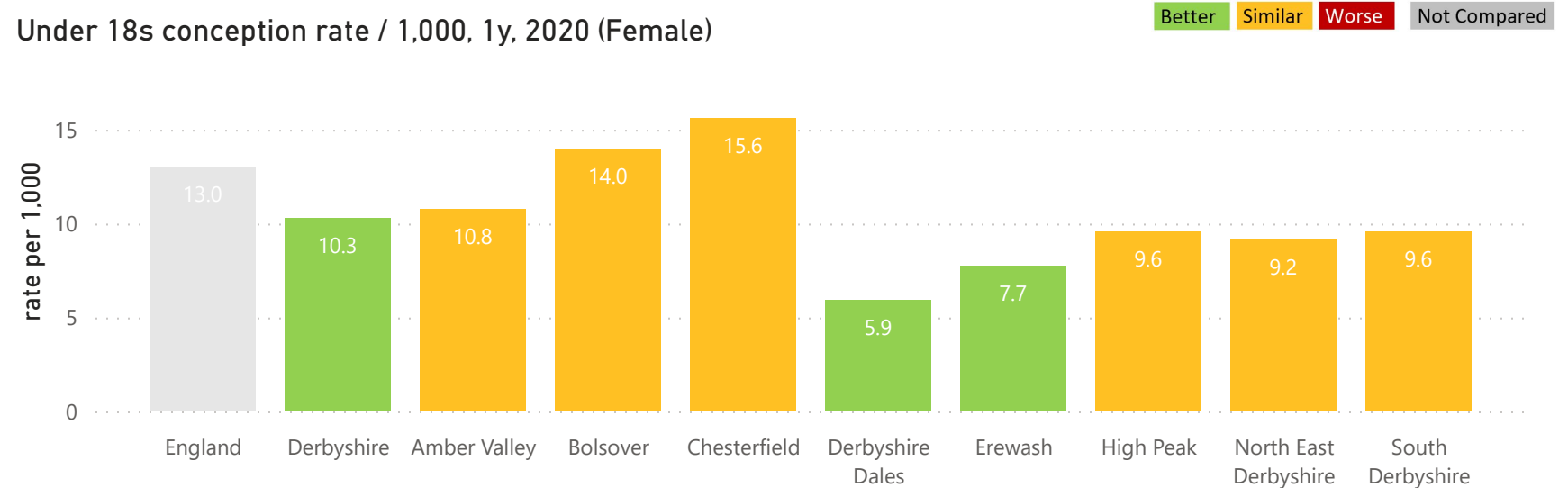
## What is happening locally?

In 2020 in Derbyshire there were 129 under 18 conceptions, as a rate this was 10.3 per 1,000, and was significantly lower compared to England (13.0 per 1,000).

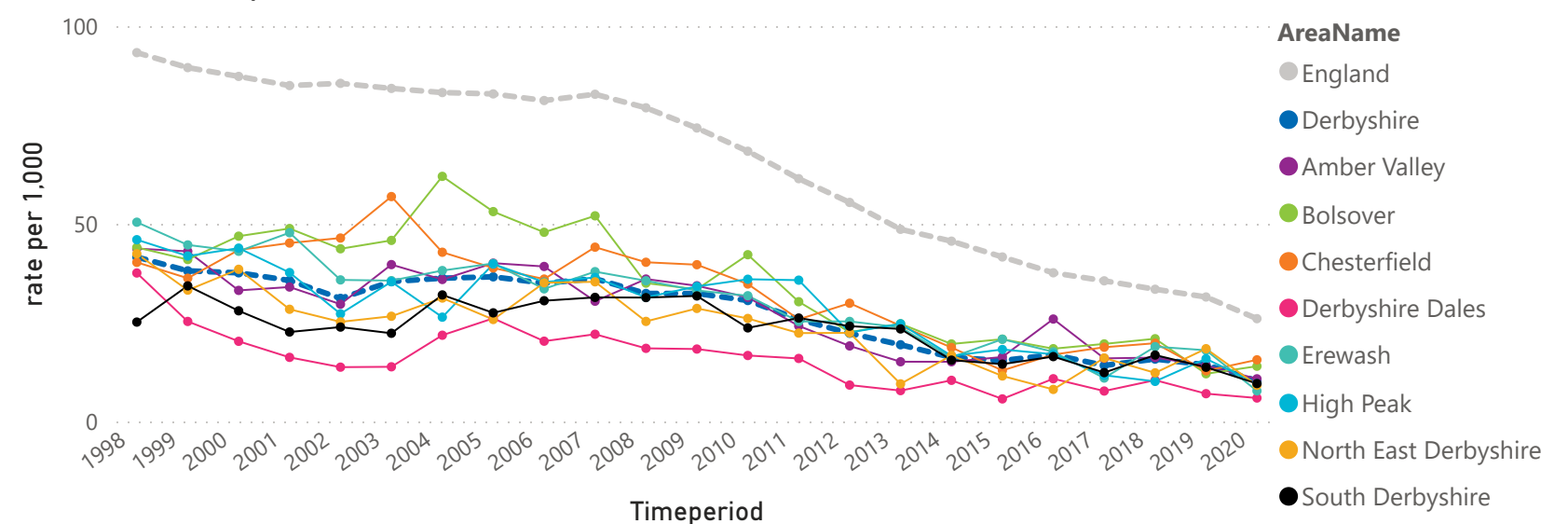
Across the district and boroughs within Derbyshire, Chesterfield had the highest rate of 15.6 per 1,000, followed by Bolsover (14.0 per 1,000) which had rates higher than Derbyshire and England, but not significantly higher.

Source: OHID, Fingertips

Under 18s conception rate / 1,000, 1y, 2020 (Female)



Under 18s conception rate / 1,000 (Female)





# Children in Care

Healthy Lives > Children and young people

## Children in Care

Children and young people in care are among the most socially excluded in children in England. There are significant inequalities in health and social outcomes compared with all children and these contribute to poor health and social exclusion of care leavers later in life.

## What is happening locally?

In 2022 there were 909 children in care, a rate of 60 per 10,000 aged under 18 years. This rate was significantly lower than the England Rate (70 per 10,000).

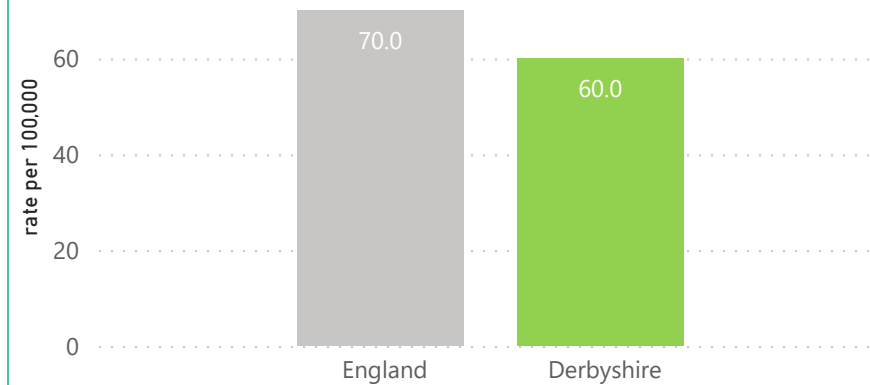
## Attainment 8 scores

In 2021 children in care achieved an average attainment 8 score of 17.4, this was lower than the England average score (23.2).

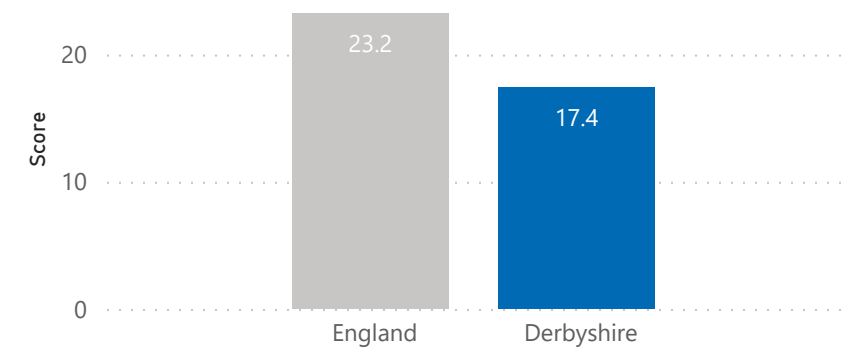
## Immunisations

In 2022 96% of children in care had up to date immunisations, significantly higher than the 85% of children in care in England.

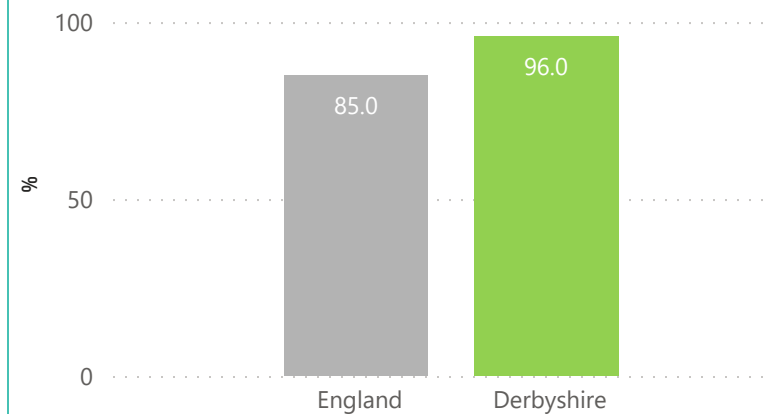
### Children in care, 1y, 2022 (Persons)



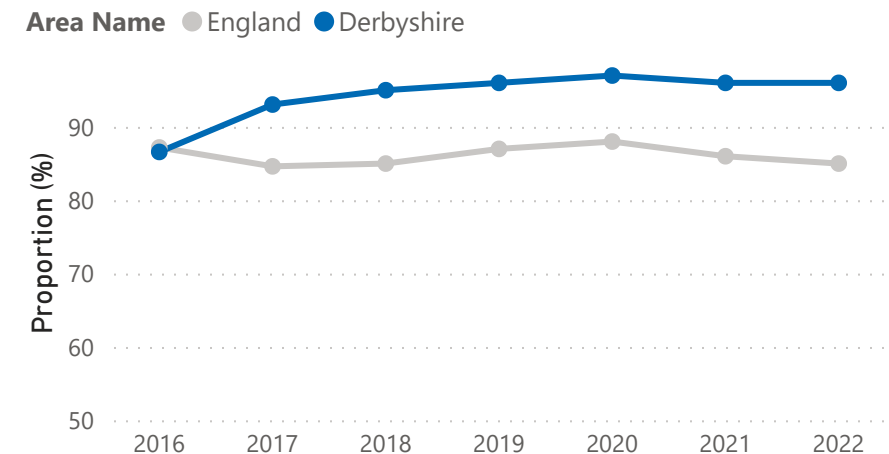
### Average Attainment 8 score of children in care, 1y, 2021 (Persons)



### Children in care immunisations, 1y, 2022 (Persons)



### Children in care immunisations, 1y (Persons)

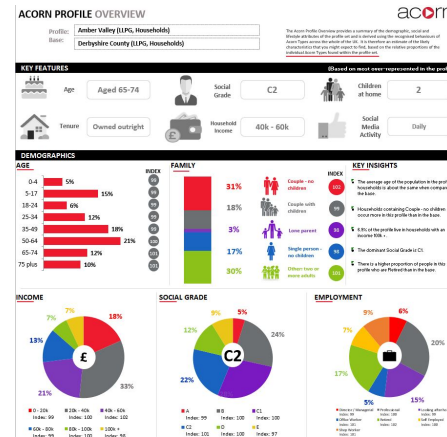


# Further resources/More information

Below is are links to further resources that allow exploration of Derbyshire Data :

## Acorn Profiles

- Amber Valley ([Acorn type/Wellbeing type](#))
- Bolsover ([Acorn type/Wellbeing type](#))
- Chesterfield ([Acorn type/Wellbeing type](#))
- Derbyshire Dales ([Acorn type/Wellbeing type](#))
- Erewash ([Acorn type/Wellbeing type](#))
- High Peak ([Acorn type/Wellbeing type](#))
- North East Derbyshire ([Acorn type/Wellbeing type](#))
- South Derbyshire ([Acorn type/Wellbeing type](#))



## Lower Level Area Quilts

- [Derbyshire](#)
- [Amber Valley](#)
- [Bolsover](#)
- [Chesterfield](#)
- [Derbyshire Dales](#)
- [Erewash](#)
- [High Peak](#)
- [North East Derbyshire](#)
- [South Derbyshire](#)

[Derbyshire Acorn Indicator Map - LINK](#)

[Acorn Slope Index Charts- LINK](#)

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