

# NE LINCOLNSHIRE JSNA INDICATOR SUMMARY

<b>TITLE:</b>	<b>UNDER 75 MORTALITY RATE FROM LIVER DISEASE</b>
---------------	---

<b>SUBTITLE:</b>	<p><b>4.6i Age-standardised rate of mortality from liver disease in persons less than 75 years of age per 100,000 population</b></p> <p><b>4.6ii Age-standardised rate of mortality that is considered preventable from liver disease in persons less than 75 years of age per 100,000 population</b></p>
------------------	---

<b>Domain:</b>	<b>Preventing Early Mortality</b>
----------------	-----------------------------------

<b>Frequency of Availability:</b>	<b>Annually</b>
-----------------------------------	-----------------

<b>Time Period Of Data Analysis:</b>	<b>Regional 2011-13 3 years pooled</b> <b>Local 2010-2014 5 years pooled</b>
--------------------------------------	---

## AVAILABLE COMPARISONS

TYPE	AVAILABLE
National, Regional or Peer Group	Yes
Electoral Ward / NELCCG Practice	Yes
Neighbourhood	No
Socioeconomic Differences	No
Targets, Trends & Projections	Yes

## KEY POINTS

**-VE** North East Lincolnshire has the highest rate of liver disease mortality in the Yorkshire and Humber region and the second highest rate of preventable liver disease mortality.

**-VE** For premature mortality from all cause of liver disease North East Lincolnshire has a statistically significantly higher rate than the England average.

-- East Marsh ward has the highest mortality rate from all causes and preventable causes of liver disease whilst Waltham ward has the lowest.

**-VE** The rate of premature mortality from all causes of liver disease and causes considered preventable is increasing.

## DESCRIPTION

Liver disease is one of the top causes of death in England and people are dying from it at younger ages. Most liver disease is preventable and much is influenced by alcohol consumption and obesity prevalence, which are both amenable to public health interventions (Public Health Outcomes Framework).

# NE LINCOLNSHIRE JSNA INDICATOR SUMMARY

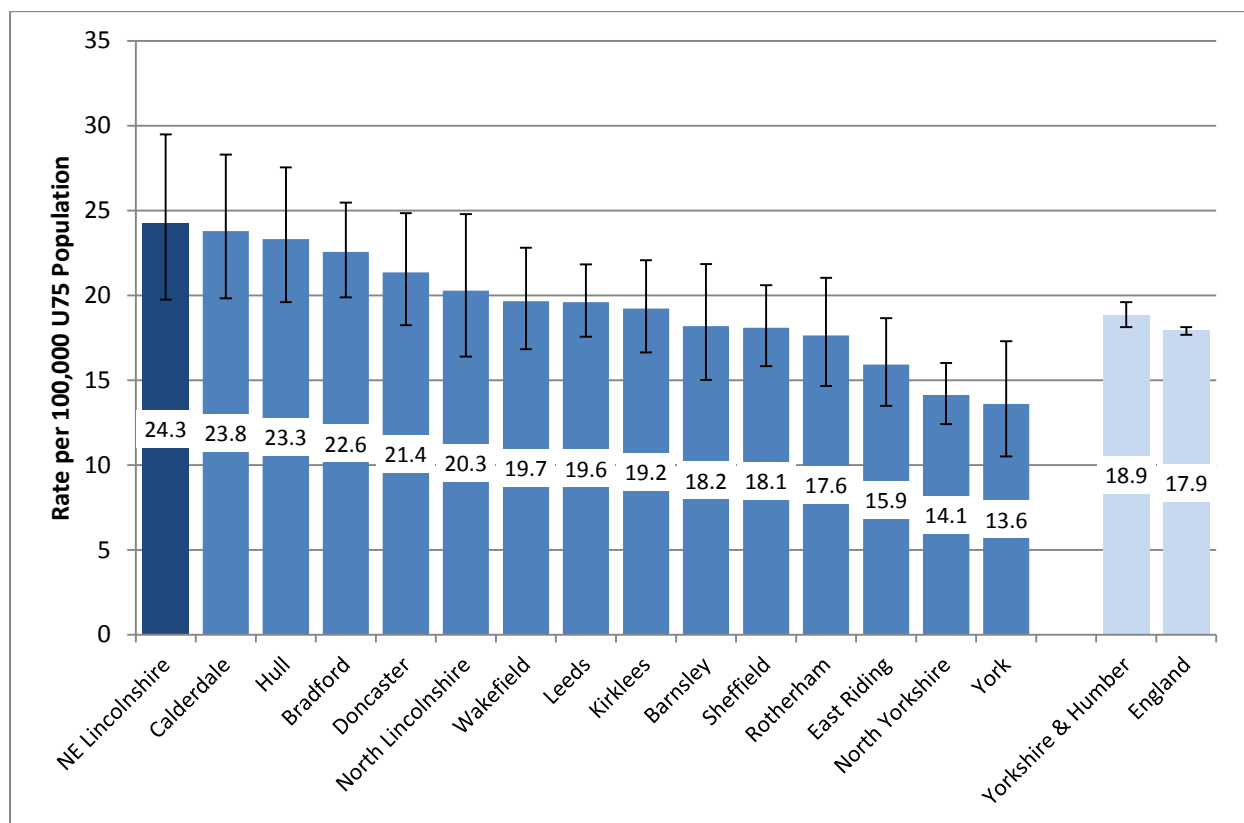
## PART I

### 4.6i Age-standardised rate of mortality from liver disease in persons less than 75 years of age per 100,000 population

#### NATIONAL & REGIONAL

North East Lincolnshire has the highest premature mortality rate for liver disease in the Yorkshire and Humber region and is higher than the regional rate of 18.9/100,000 and statistically significantly higher than the England average of 17.9/100,000, see Figure 1.

**Figure 1** Under 75 mortality rate from liver disease persons, 2011-13 (3 years pooled data), Yorkshire and Humber region.



Source: Public Health England

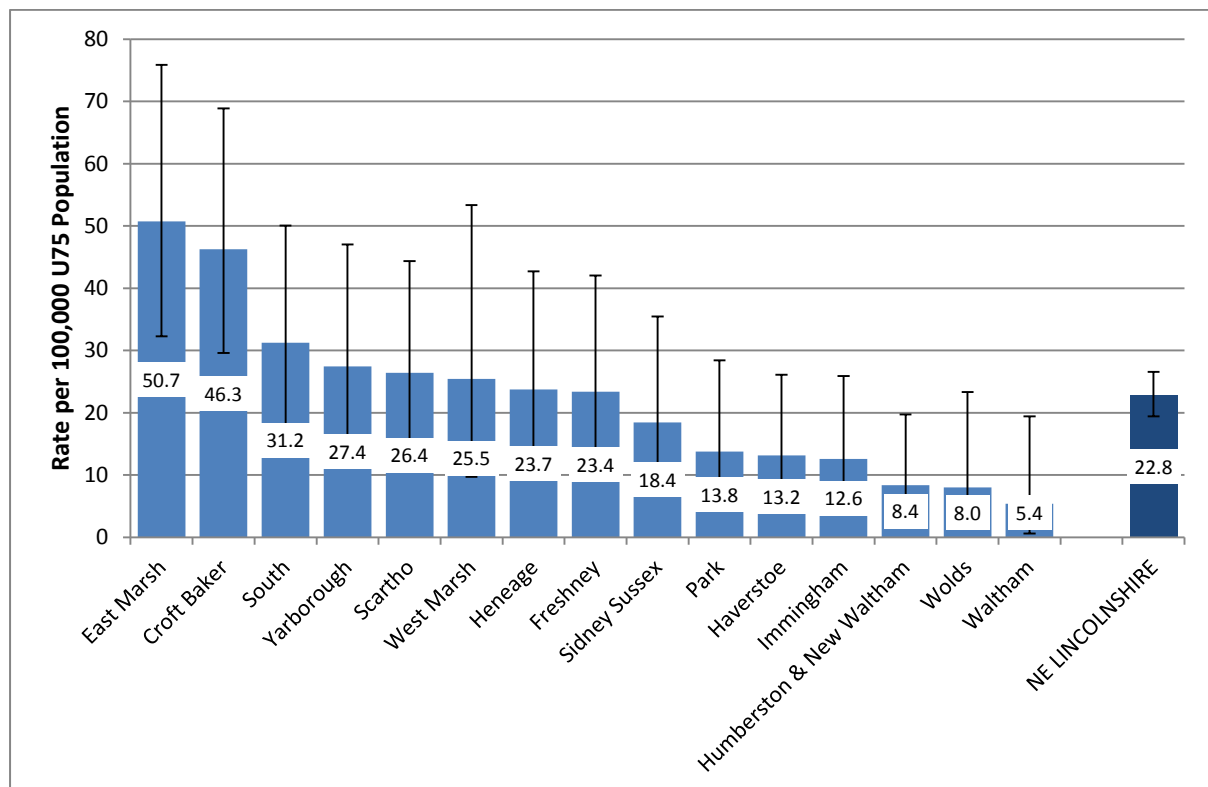
# NE LINCOLNSHIRE JSNA INDICATOR SUMMARY

## NORTH EAST LINCOLNSHIRE

### Electoral Wards

The highest premature mortality rate from liver disease in North East Lincolnshire is in the East Marsh ward with a rate of 50.7/100,000 it is statistically significantly higher than the North East Lincolnshire rate of 22.8/100,000. Waltham ward has the lowest rate with 5.4/100,000, although it is not statistically significantly lower than the local rate as the confidence intervals are wide due to relatively low numbers.

**Figure 2** Under 75 mortality rate from liver disease, persons, 2010-2014 (5 years pooled), North East Lincolnshire wards.



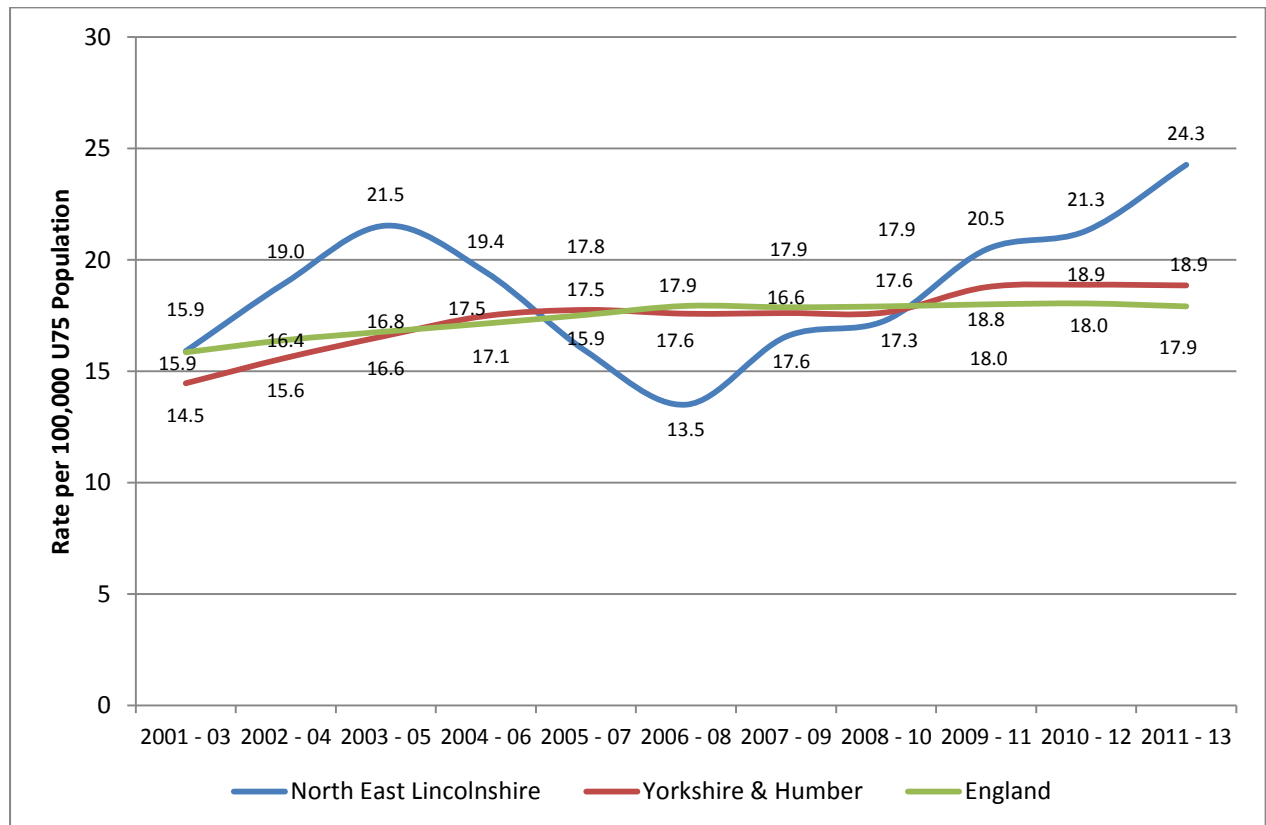
Source: Primary Care Mortality Database (PCMD)

# NE LINCOLNSHIRE JSNA INDICATOR SUMMARY

## TRENDS

The trend for premature liver disease mortality has fluctuated locally over the time period shown in Figure 3, however overall it is increasing with the highest rate being in the most recent 3 year period. The national and regional rates have also shown a steady increase overall.

**Figure 3 Under 75 mortality from liver disease, trend for England, Yorkshire and Humber and North East Lincolnshire, rate per 100,000 persons under 75, 3 years pooled**



Source: Public Health England

# NE LINCOLNSHIRE JSNA INDICATOR SUMMARY

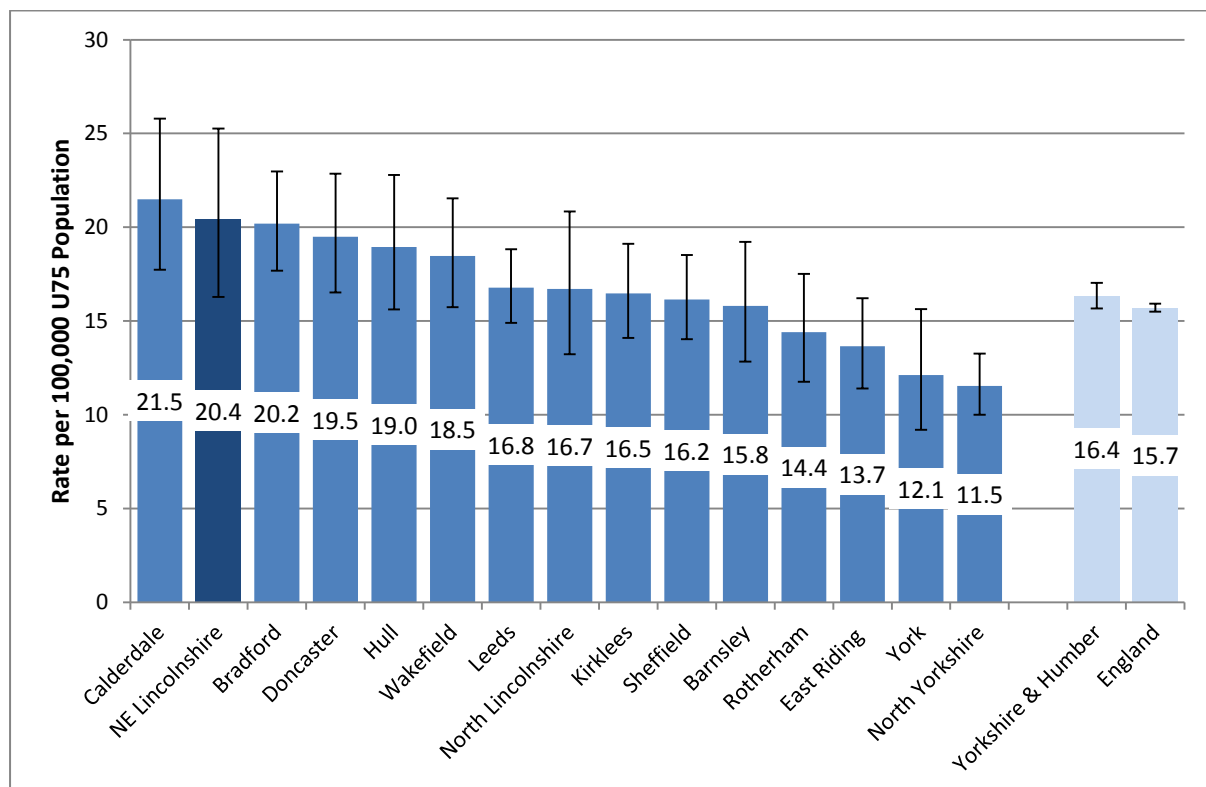
## PART II

### 4.6ii Age-standardised rate of mortality that is considered preventable from liver disease in persons less than 75 years of age per 100,000 population

#### NATIONAL & REGIONAL

North East Lincolnshire has the second highest premature mortality rate from liver disease considered preventable with a rate of 20.4/100,000 it is higher than the regional rate of 16.4/100,000 and the national rate of 15.7/100,000 however there is no statistical significance.

**Figure 4 Under 75 mortality rate from liver disease considered preventable, persons, 2011-13 (3 years pooled data), Yorkshire and Humber region.**



Source: Public Health England

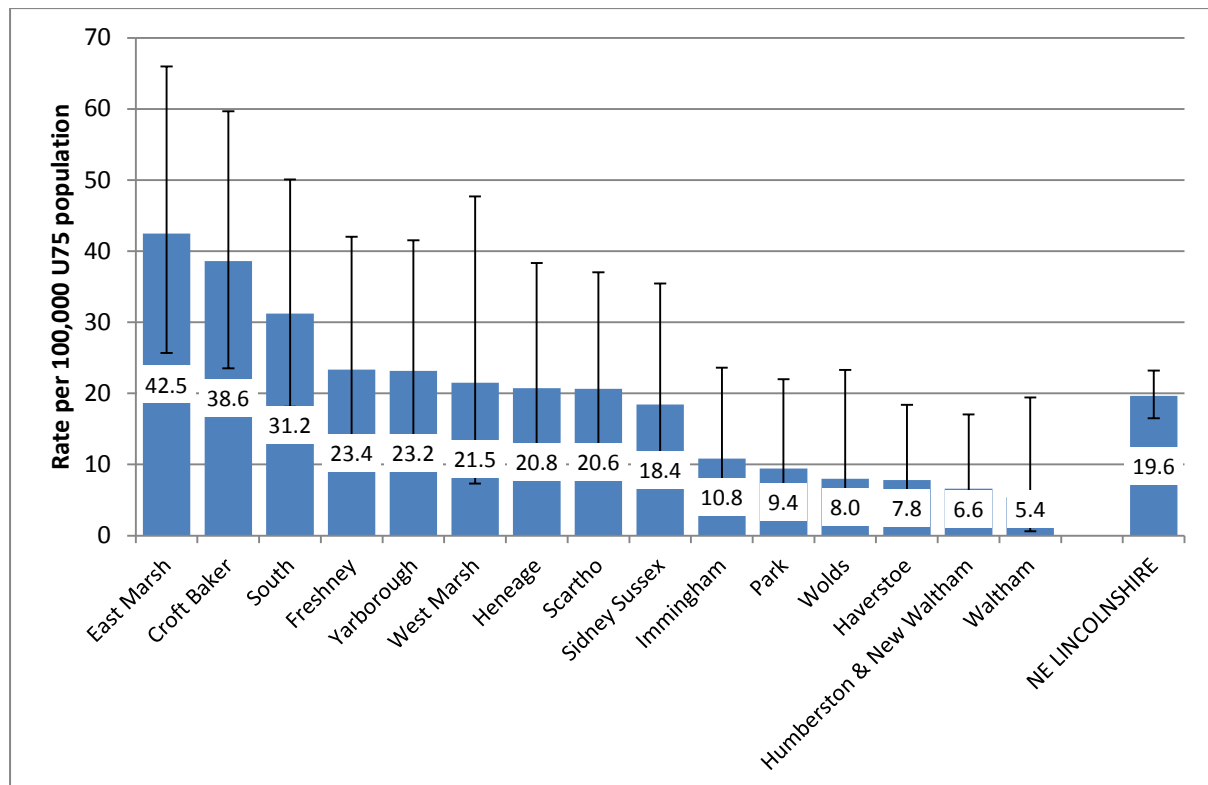
# NE LINCOLNSHIRE JSNA INDICATOR SUMMARY

## NORTH EAST LINCOLNSHIRE

### Electoral Wards

East Marsh ward has the highest rate of premature mortality from liver disease considered preventable, followed by Croft Baker and South wards. The Lowest rates are in Waltham, Humberston and New Waltham, Haverstoe and Wolds wards. No wards are significantly different from the North East Lincolnshire rate, see Figure 5.

**Figure 5 Under 75 mortality rate from liver disease considered preventable, persons, 2010-2014 (5 years pooled), North East Lincolnshire wards.**



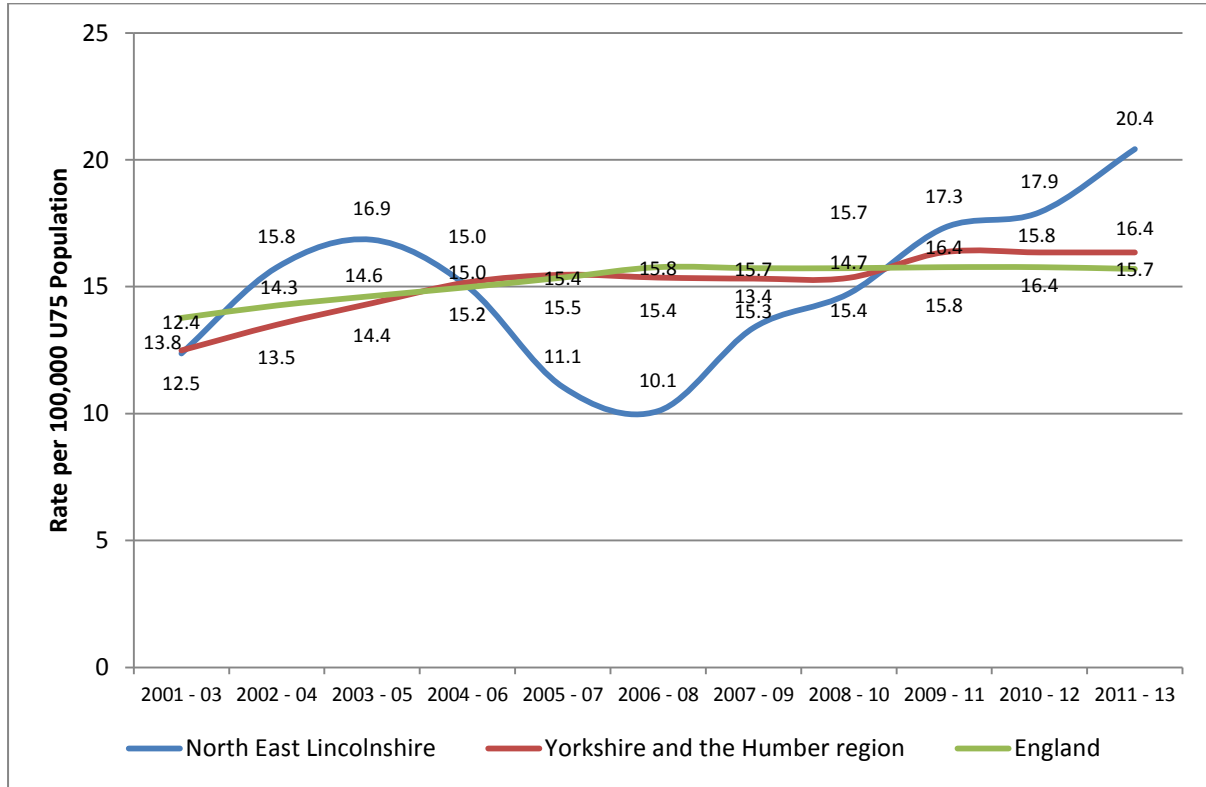
Source: Primary Care Mortality Database (PCMD)

# NE LINCOLNSHIRE JSNA INDICATOR SUMMARY

## TRENDS

The North East Lincolnshire rate for preventable premature liver disease mortality has fluctuated over the time period shown in Figure 6, however has increased overall with the highest rate is in the most recent time period of 2011-13. Regional and national rates have seen a more gradual increase over time.

**Figure 6 Under 75 mortality from liver disease considered preventable, trend for England, Yorkshire and Humber and North East Lincolnshire, rate per 100,000 persons under 75, 3 years pooled**



Source: Public Health England

<b>Public Data Sources:</b>	<a href="http://fingertips.phe.org.uk/">http://fingertips.phe.org.uk/</a>
-----------------------------	---