

## **Trends in mortality in Kent, 2002-2012, showing the Health Gap and progress in its reduction**

**An analysis of mortality trends by deprivation level, comparing the health gap between the least deprived and most deprived in Kent's Clinical Commissioning Groups in rolling three-year averages from 2002 to 2012**

This analysis breaks the Kent population down into local deprivation quintiles – each quintile comprises 20% of the population: Q1 is the 20% of the population living in the most deprived electoral wards in each CCG, Q2 is the next most deprived 20%, through Q5, which is where the 20% least deprived people live.

With all disease areas, the most deprived quintile consistently experiences the highest mortality rates and correspondingly, the least deprived quintile has the lowest rates. The difference in these death rates between poorest and richest is known as the 'health gap' – and this report is directed at identifying whether this has increased or decreased over time, and to ascertain this at various disease levels, for all ages and for the under 75s, for Kent overall and for its constituent CCGs.

Because deprivation levels vary across Kent's CCGs, with each group experiencing different overall inequality status, this study focuses on the local deprivation within each CCG. So the deprivation quintiles are specific to each CCG.

In all categories, at a Kent-wide level, mortality rates have reduced over time and this trend is projected to continue to in a downward direction.

This report examines deaths from:

- 1 All causes
- 2 Cancer
- 3 Circulatory disease
- 4 Respiratory disease
- 5 All other diseases

The intention of this analysis is to assess whether the 'health gap' between the most deprived 20% of the population and the least deprived 20% is decreasing. This is illustrated graphically for Kent and its CCGs in the following pages, showing summaries and identifying diseases and areas where better progress is required.

## Kent Overall

Chart 1: Local deprivation status for electoral wards in Kent

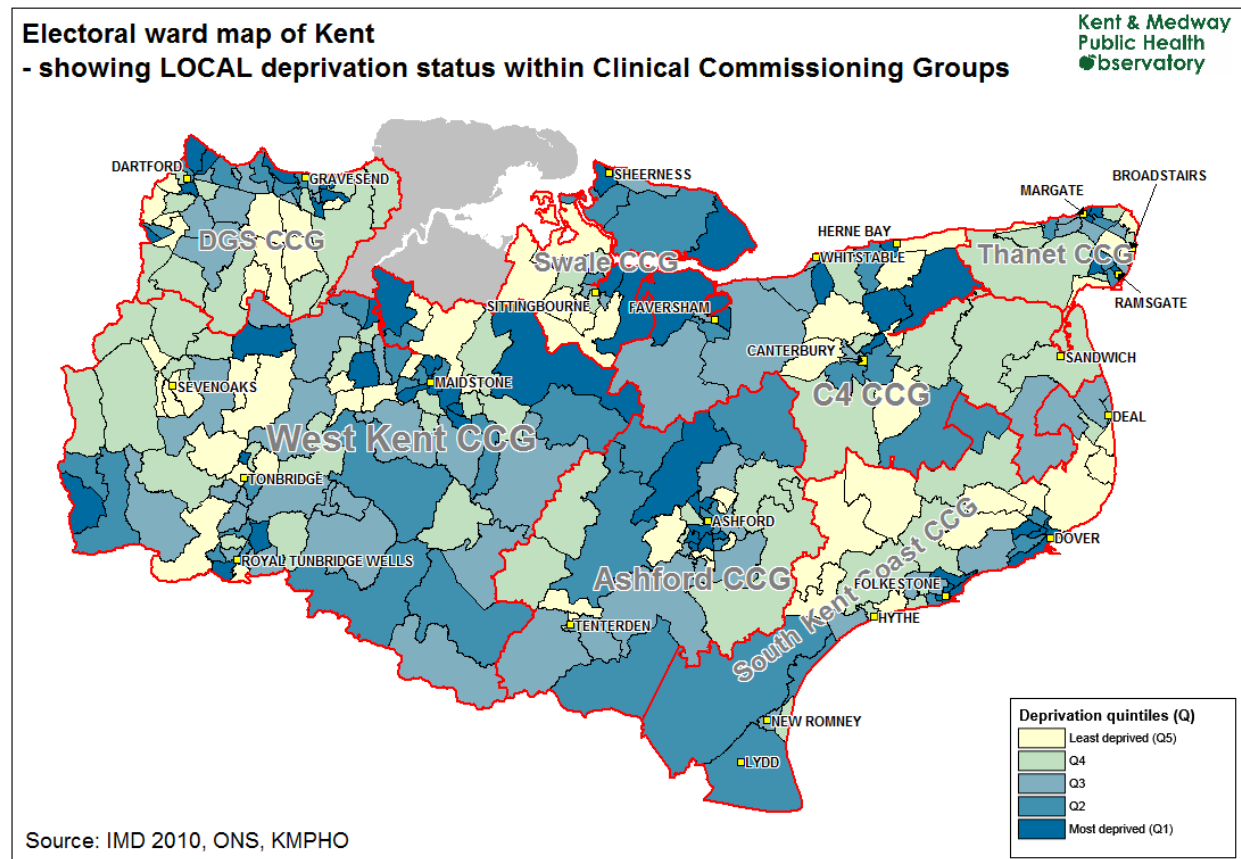


Table 1: Summary for progress in mortality rates, 2002-04 – 2010-12, comparing most deprived quintile with least deprived, by clinical commissioning group (CCG), various disease categories

Gap between most deprived and least deprived increasing
 Gap between most deprived and least deprived falling
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CCG	Cancer		Circulatory disease		Respiratory disease		All other diseases		All causes	
	75+	All ages	75+	All ages	75+	All ages	75+	All ages	75+	All ages
Ashford	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓
C4	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
DGS	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
SKC	↑	↓	↓	↓	↑	↓	↑	↑	↑	↑
Swale	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Thanet	↔	↔	↑	↑	↔	↓	↓	↓	↑	↑
West Kent	↔	↑	↔	↑	↓	↑	↑	↑	↑	↑
Kent	↑	↑	↔	↑	↑	↑	↑	↑	↑	↑

## Mortality from all causes, 2002-04 – 2010-12, by deprivation status, Kent

Figure 1 – All ages

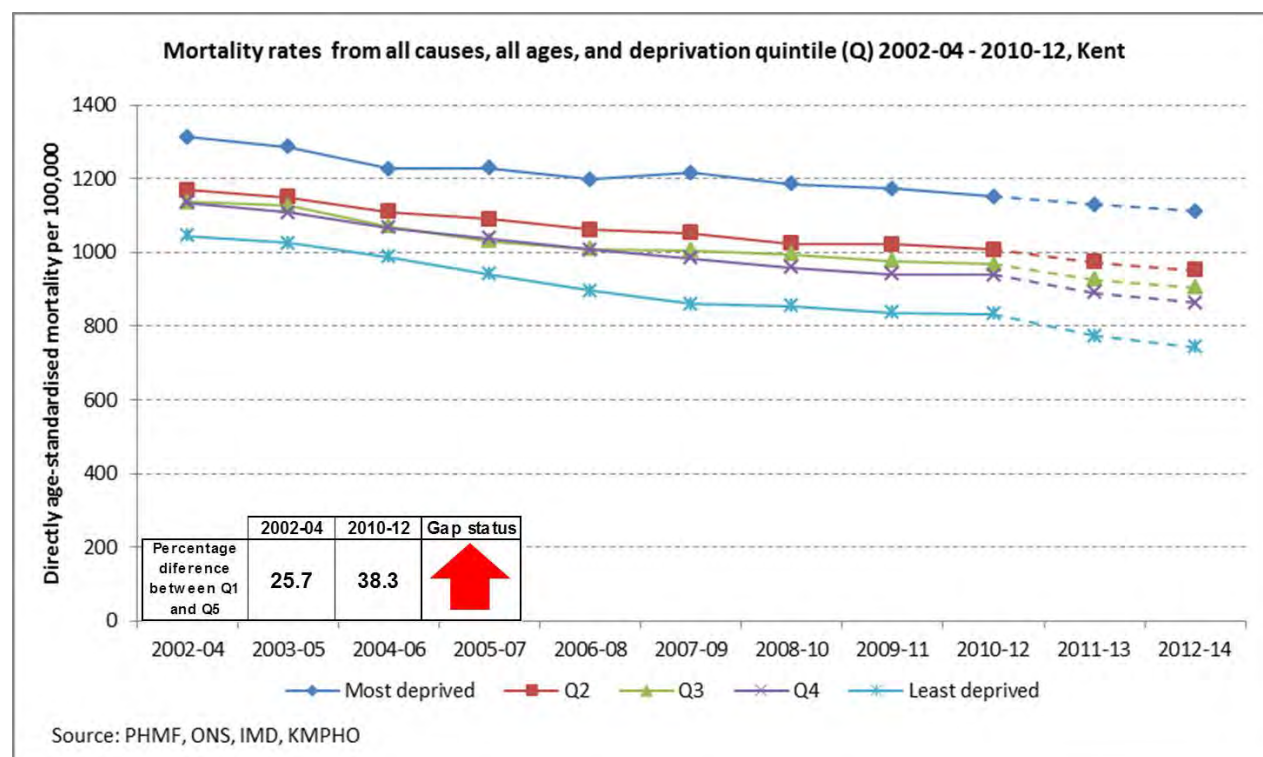
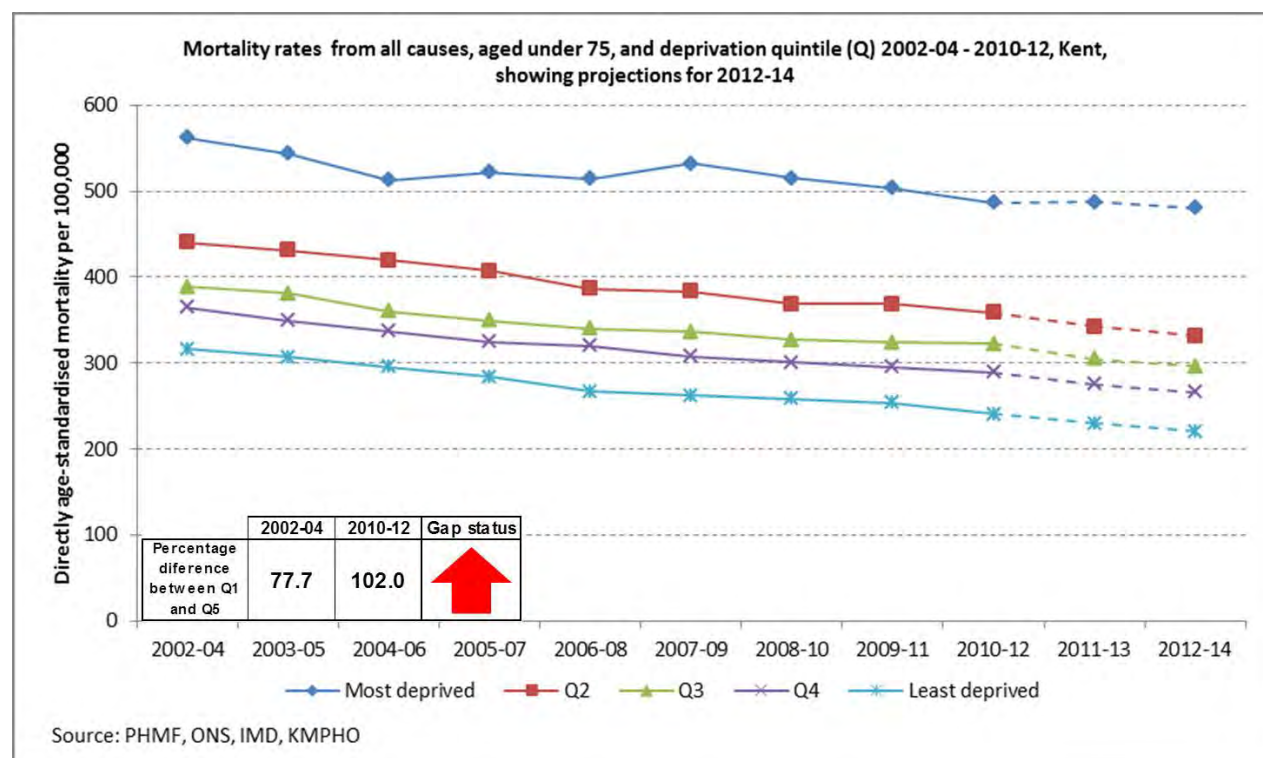


Figure 2 – Aged under 75



## Mortality from cancer, 2002-04 – 2010-12, by deprivation status, Kent

Figure 3 – All ages

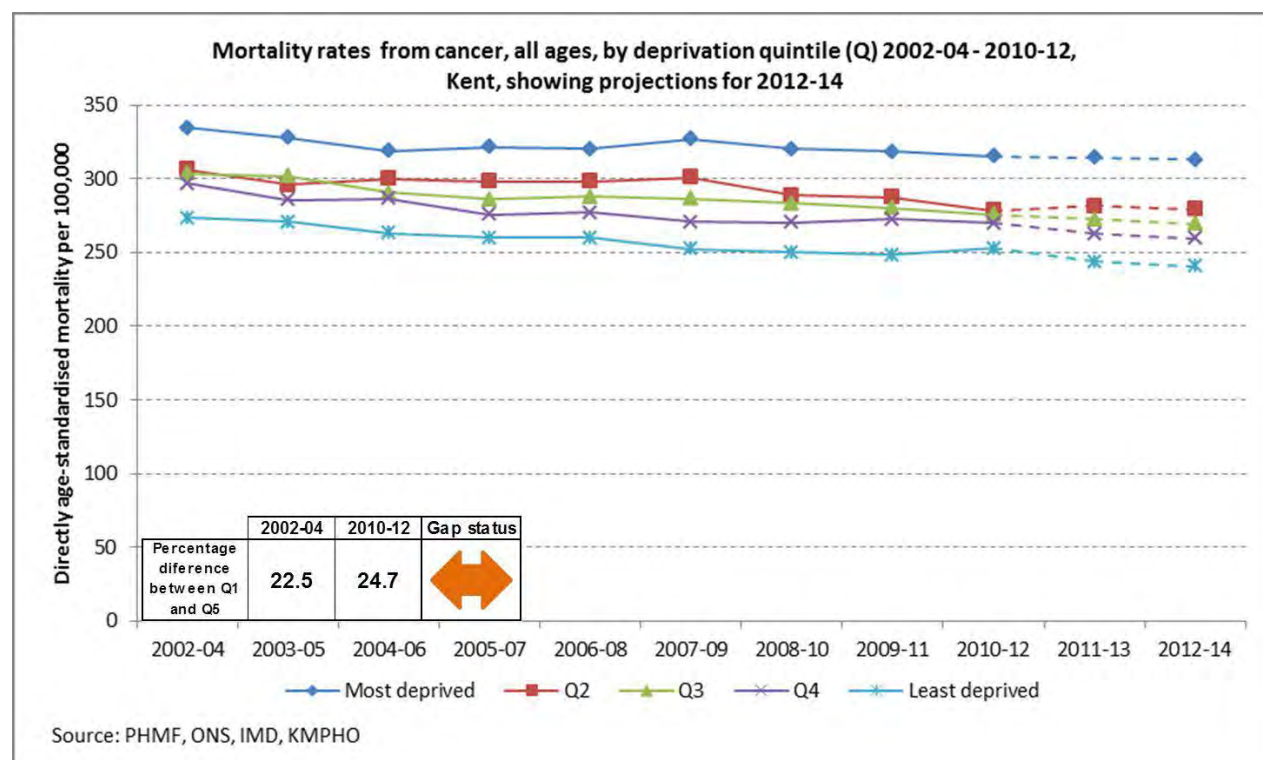
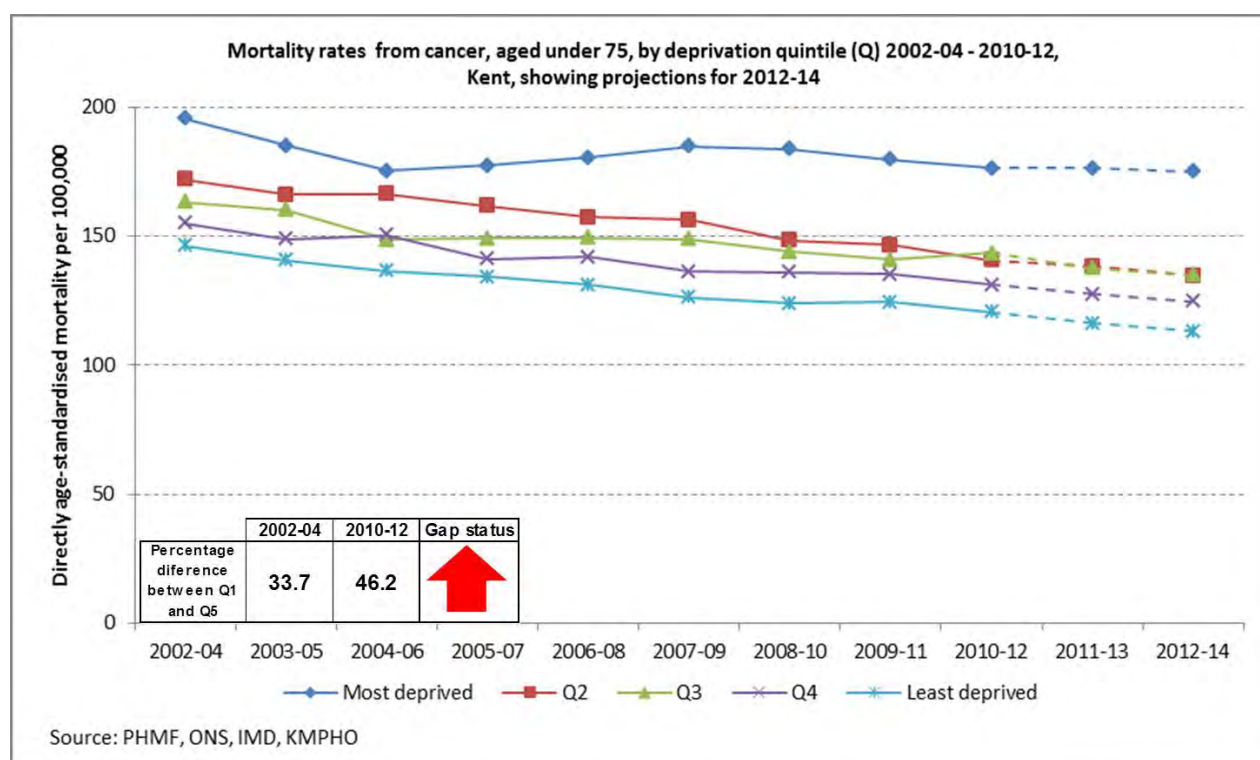


Figure 4 – Aged under 75





## Mortality from circulatory disease, 2002-04 – 2010-12, by deprivation status, Kent

Figure 5 – All ages

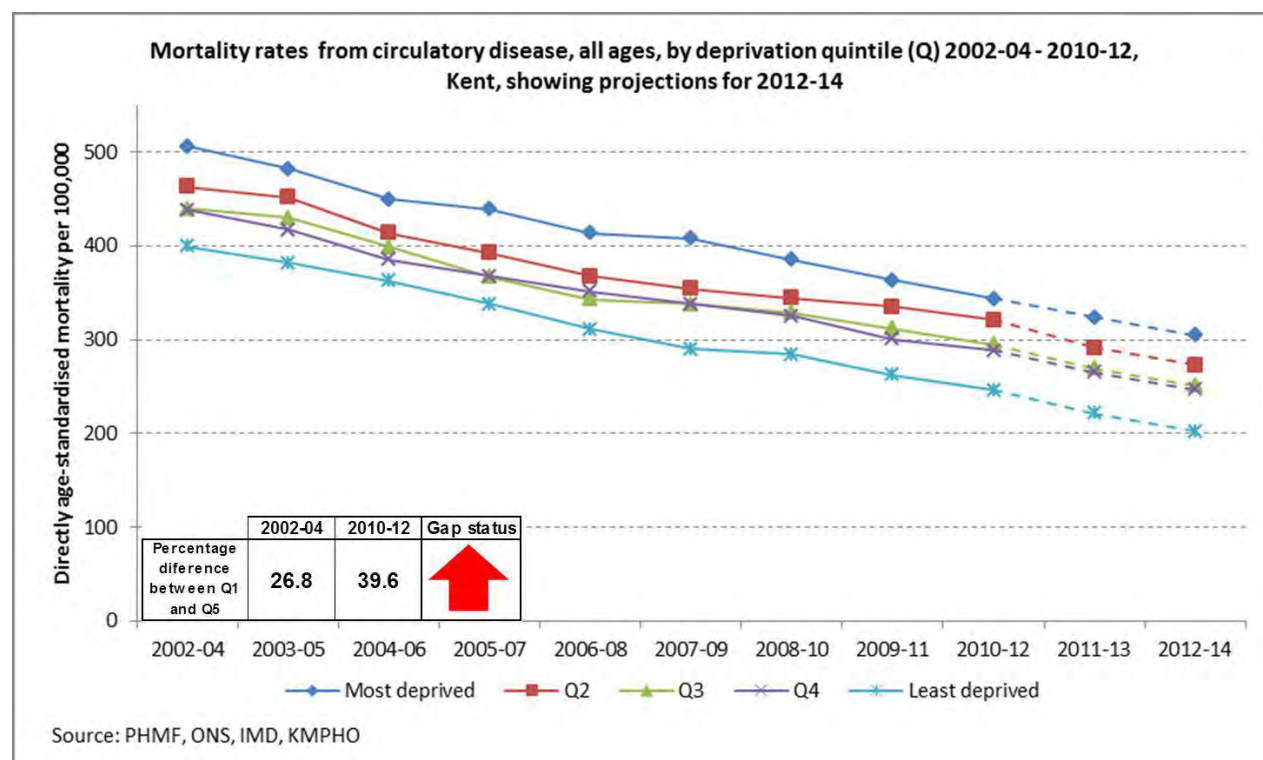
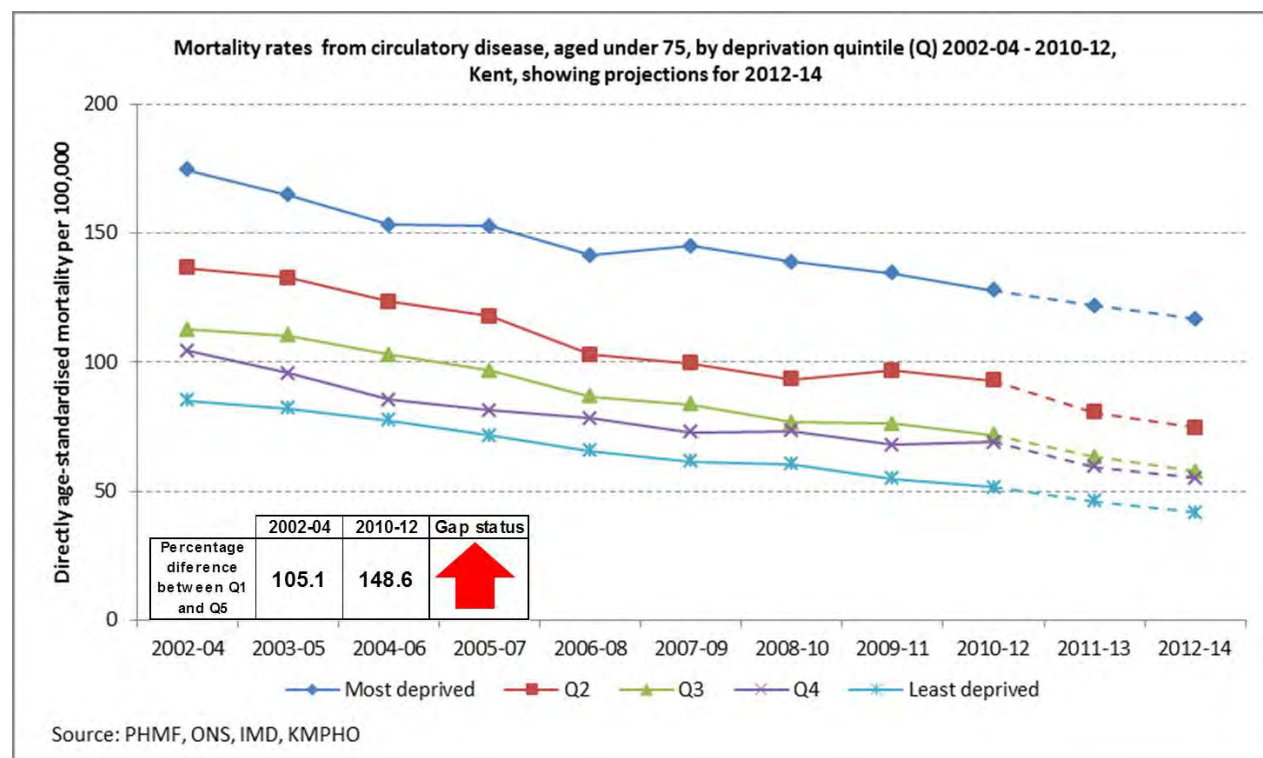


Figure 6 – Aged under 75



## Mortality from respiratory disease, 2002-04 – 2010-12, by deprivation status, Kent

Figure 7 – All ages

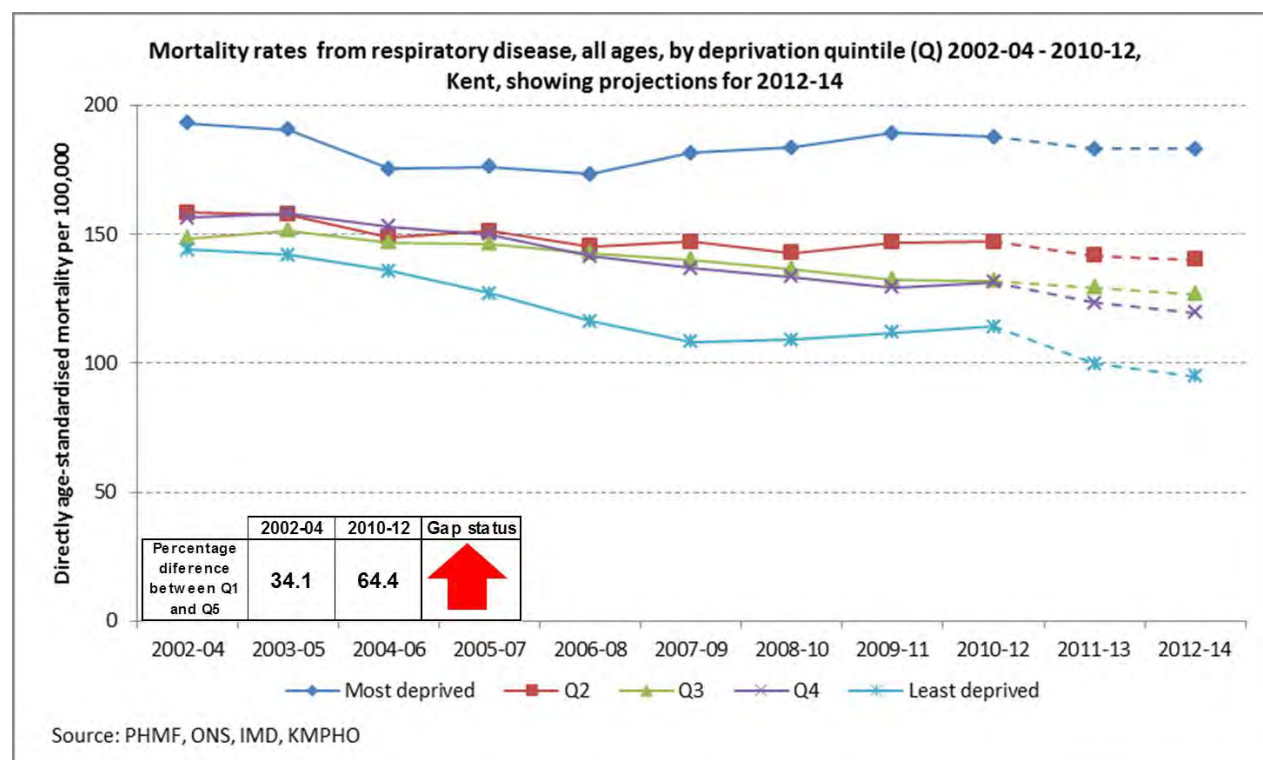
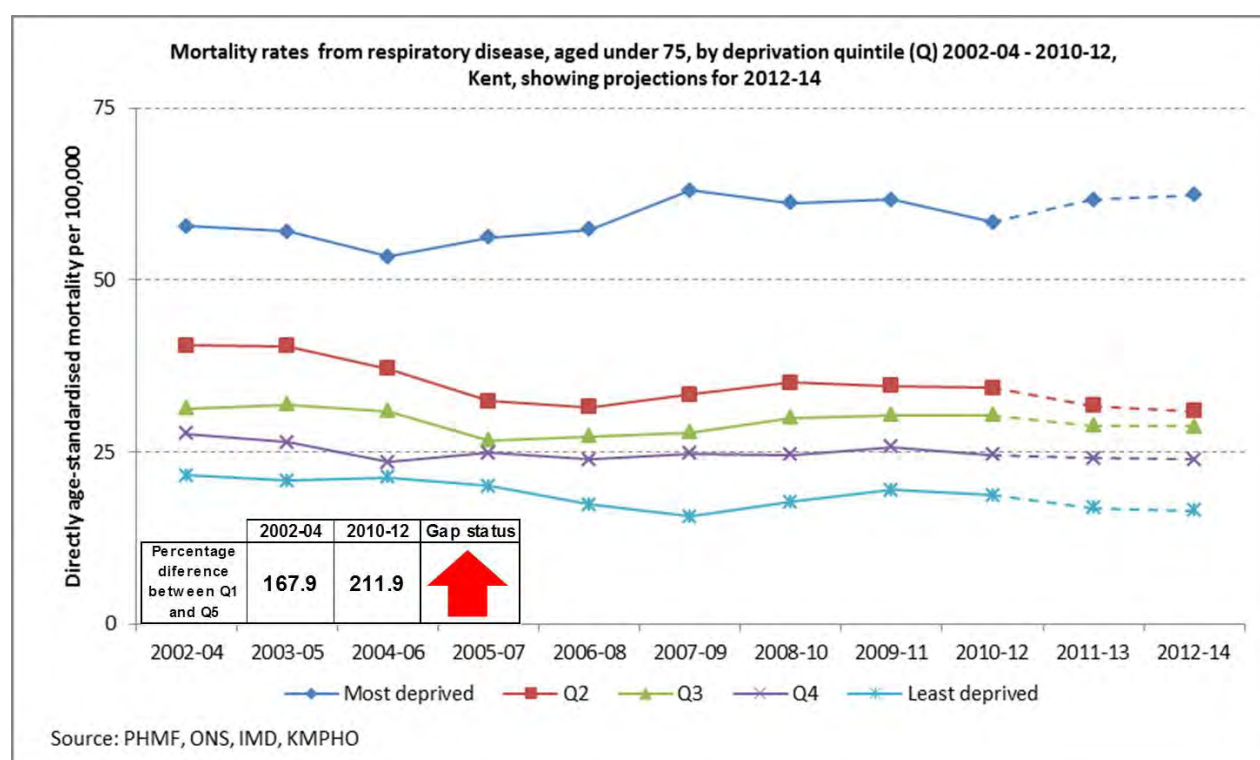


Figure 8 – Aged under 75



## Mortality from all other causes, 2002-04 – 2010-12, by deprivation status, Kent

Figure 9 – All ages

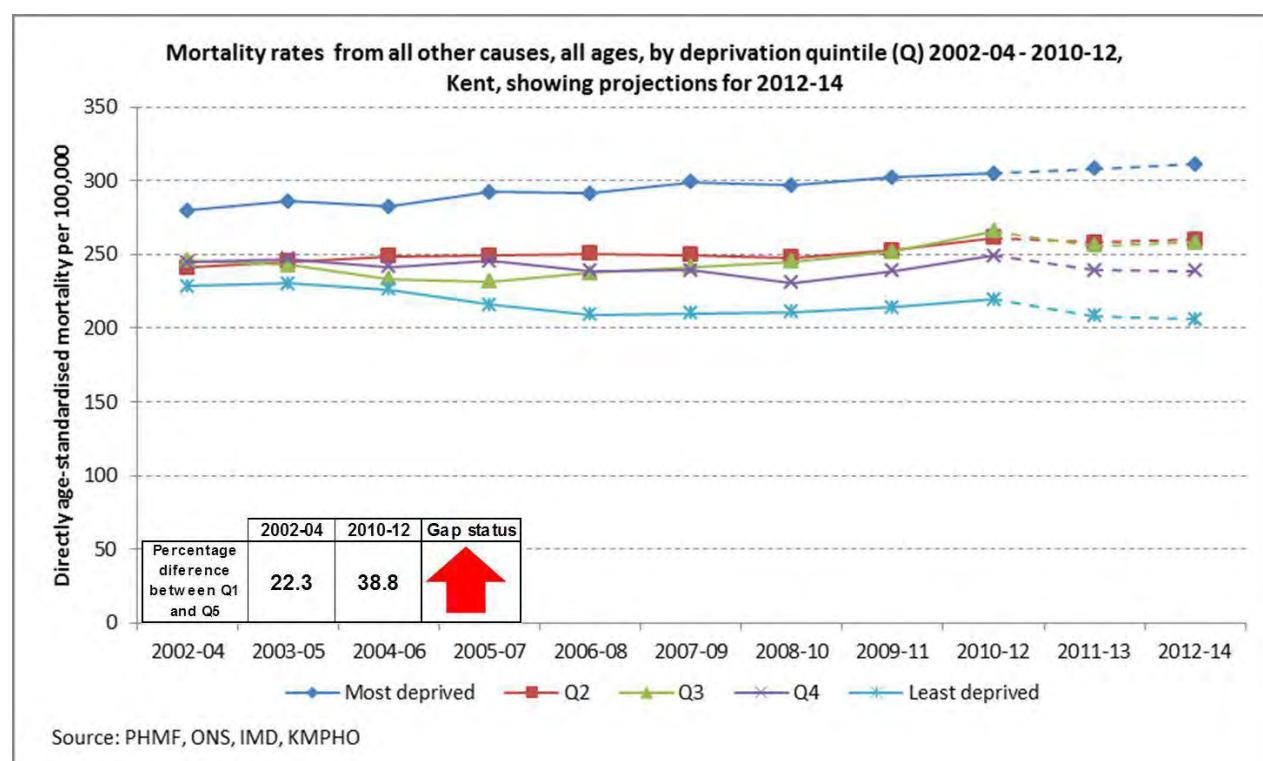
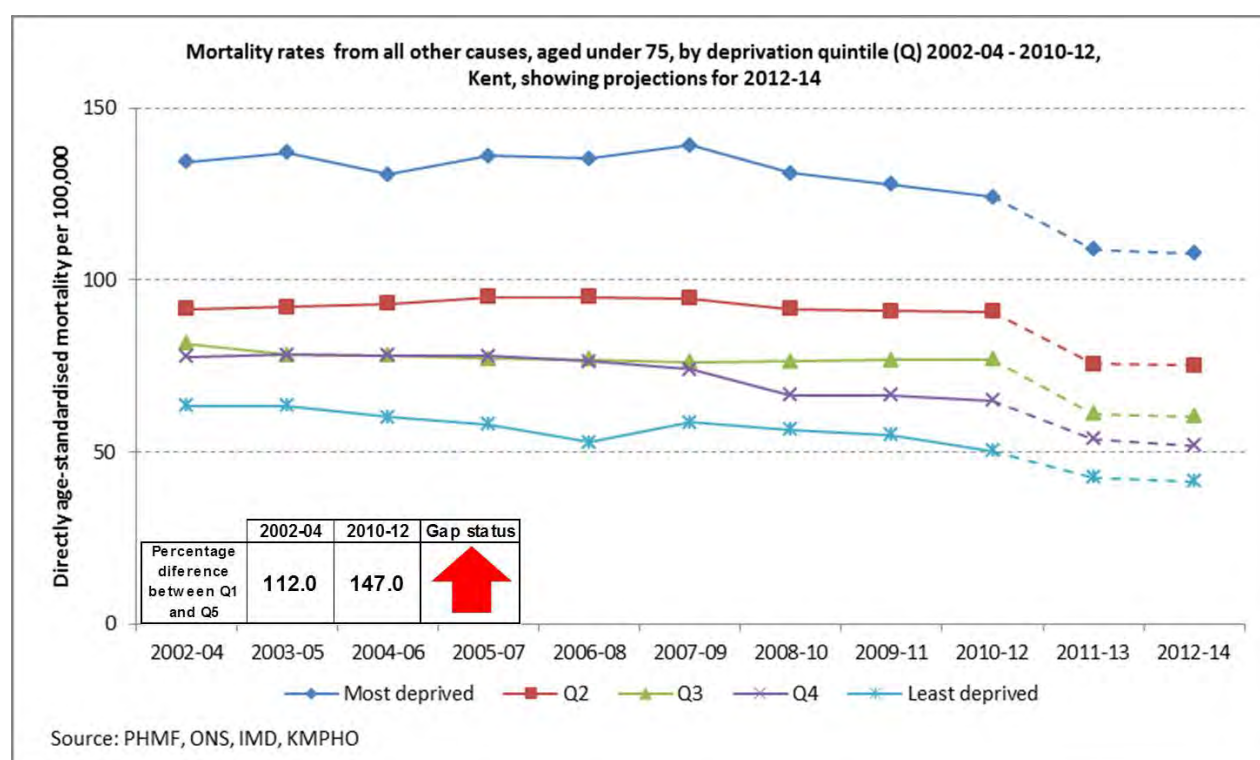


Figure 10 – Aged under 75





## Ashford CCG

Chart 1: Local deprivation status for electoral wards in Ashford CCG

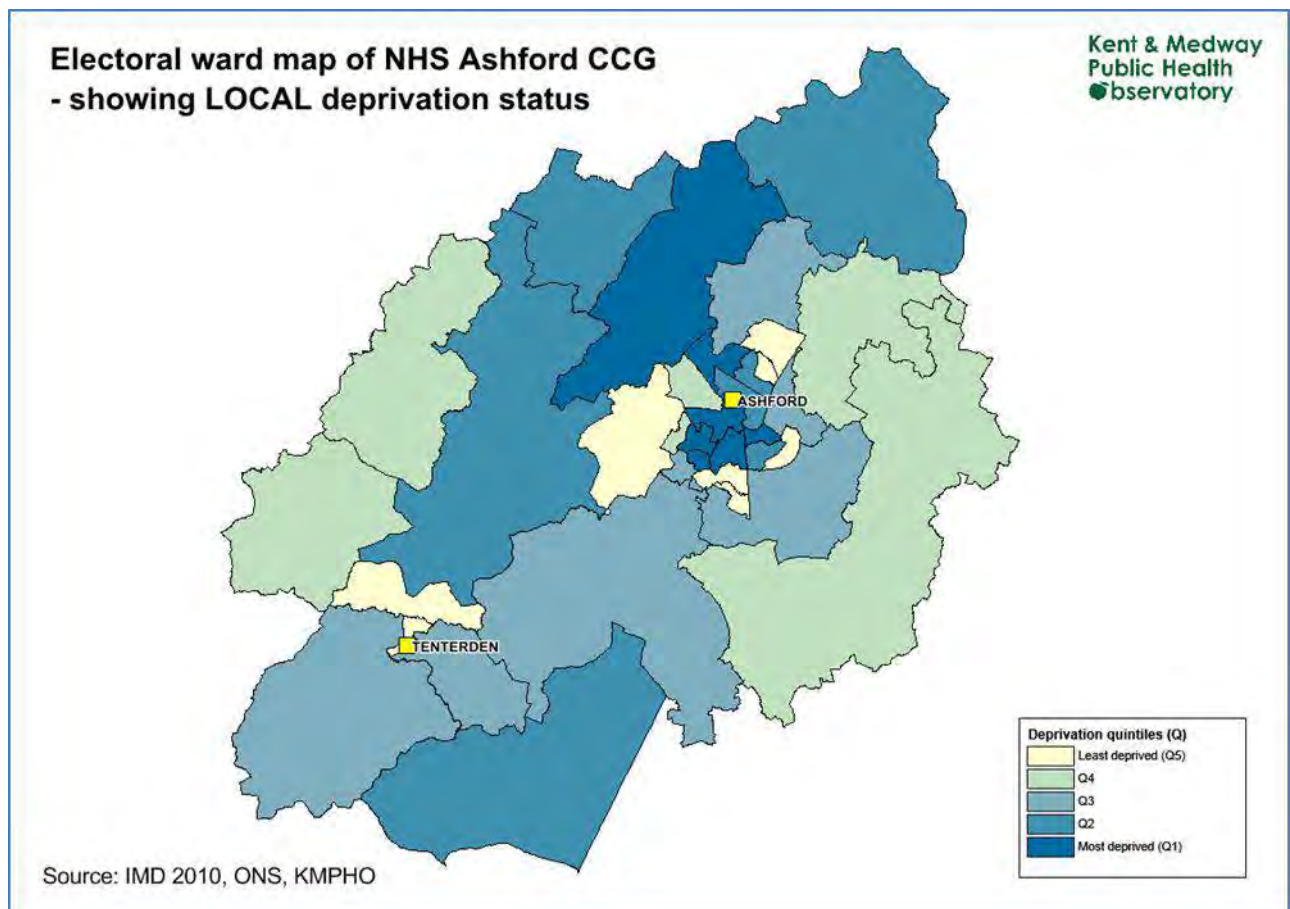





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 Gap between most deprived and least deprived increasing
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SKC	↑	↓	↓	↓	↑	↓	↑	↑	↑	↑
Swale	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Thanet	↔	↔	↑	↑	↔	↓	↓	↓	↑	↑
West Kent	↔	↑	↔	↑	↓	↑	↑	↑	↑	↑
Kent	↑	↑	↔	↑	↑	↑	↑	↑	↑	↑



# Mortality from all causes, 2002-04 – 2010-12, by deprivation status, Ashford CCG

Figure 1 – All ages

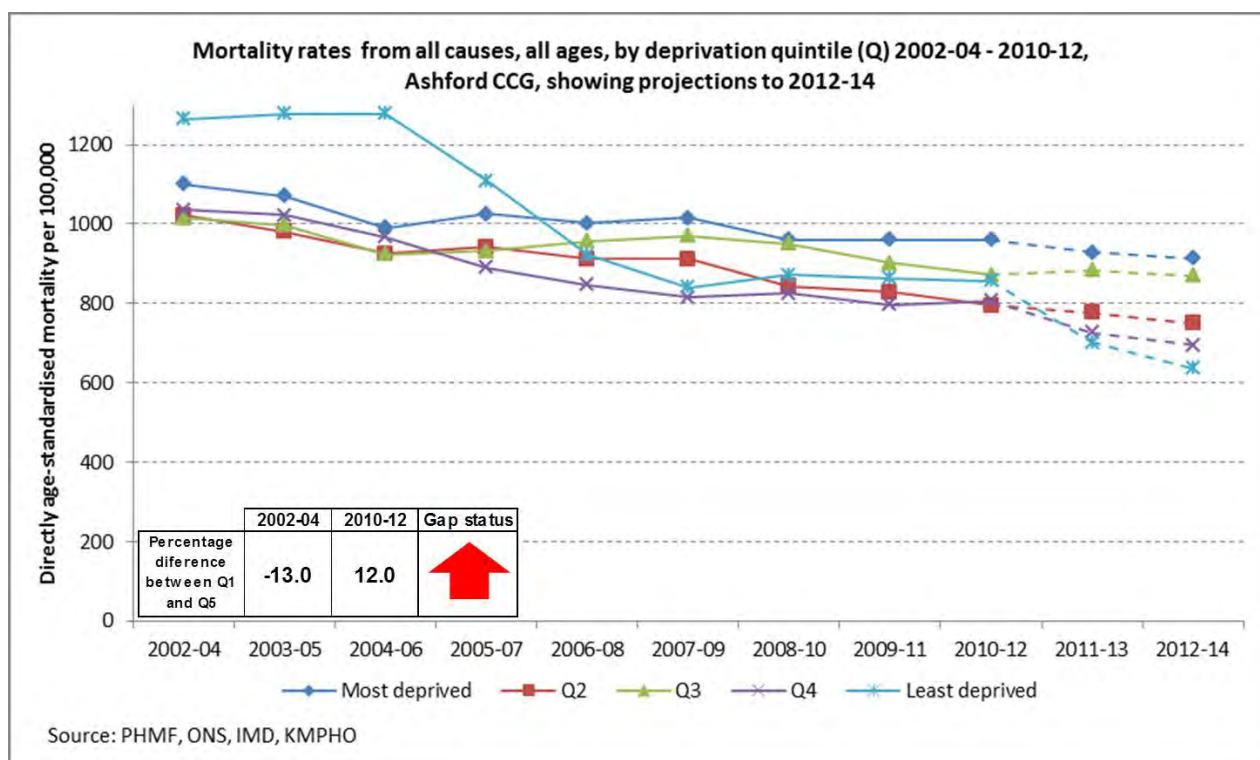
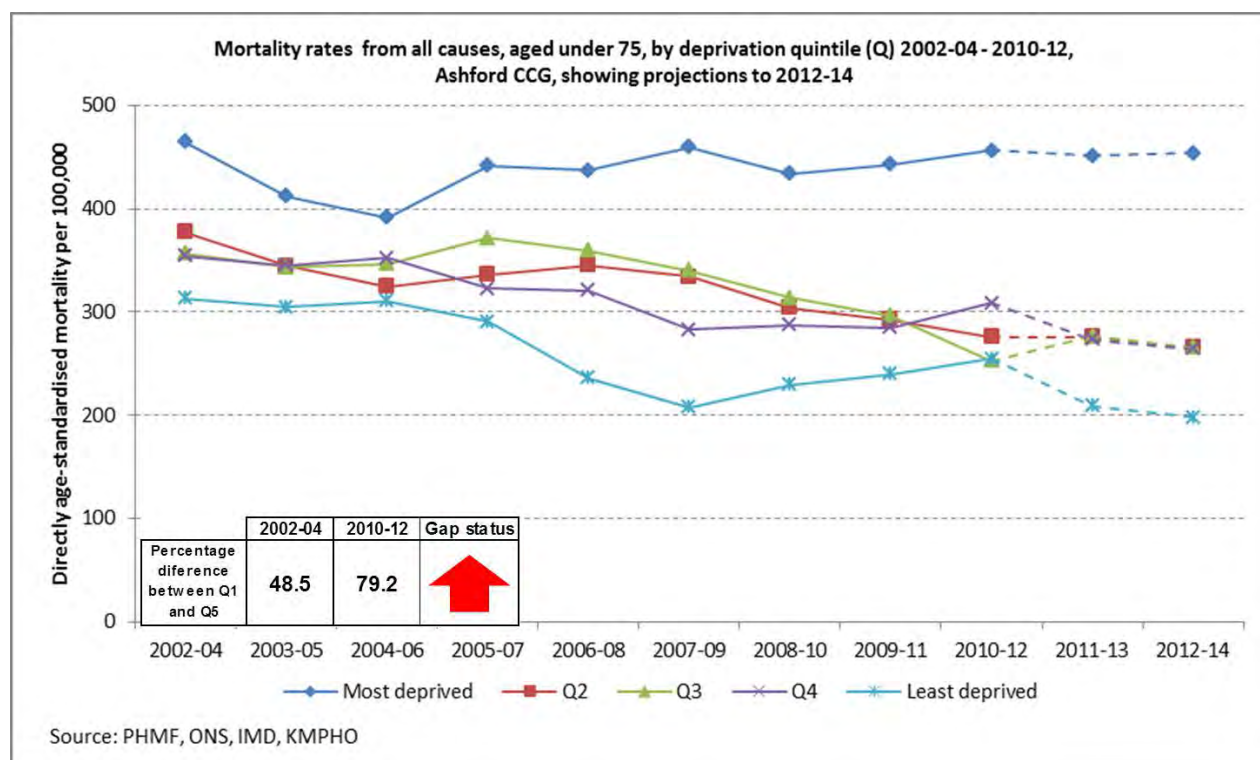


Figure 2 – Aged under 75



# Mortality from cancer, 2002-04 – 2010-12, by deprivation status, Ashford CCG

Figure 3 – All ages

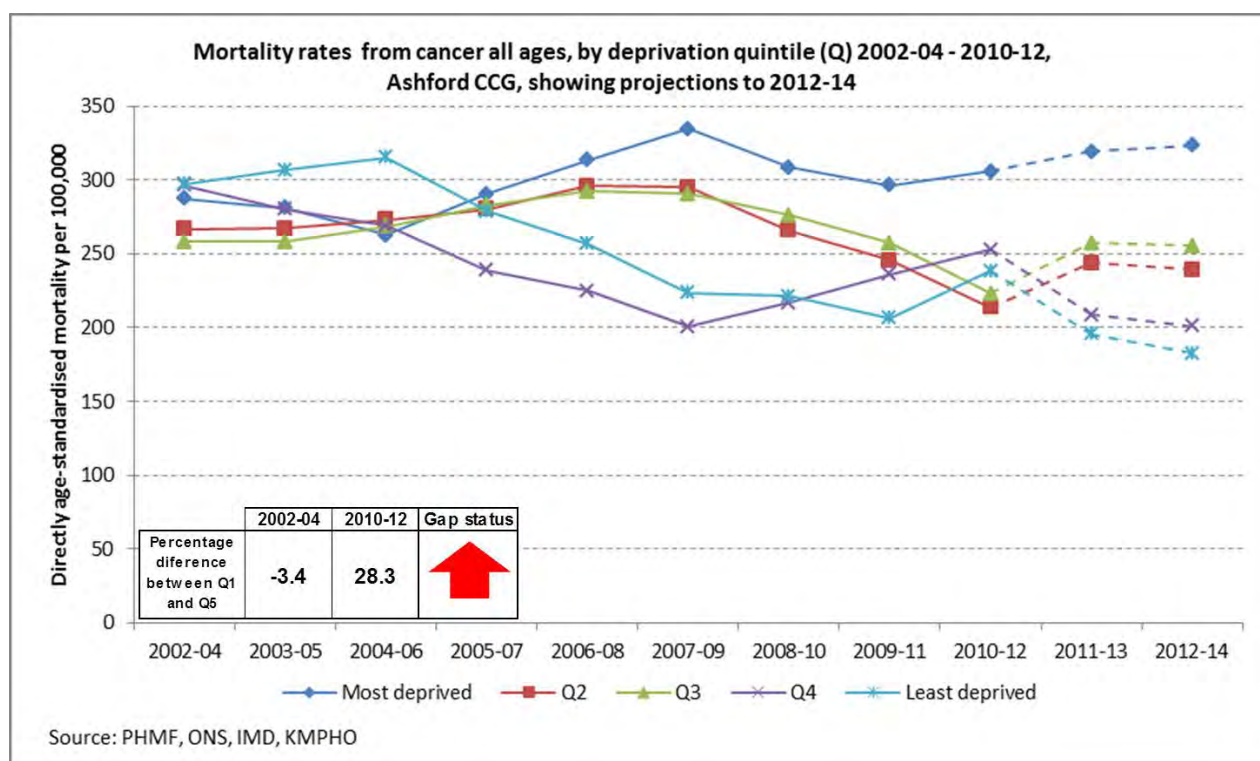


Figure 4 – Aged under 75

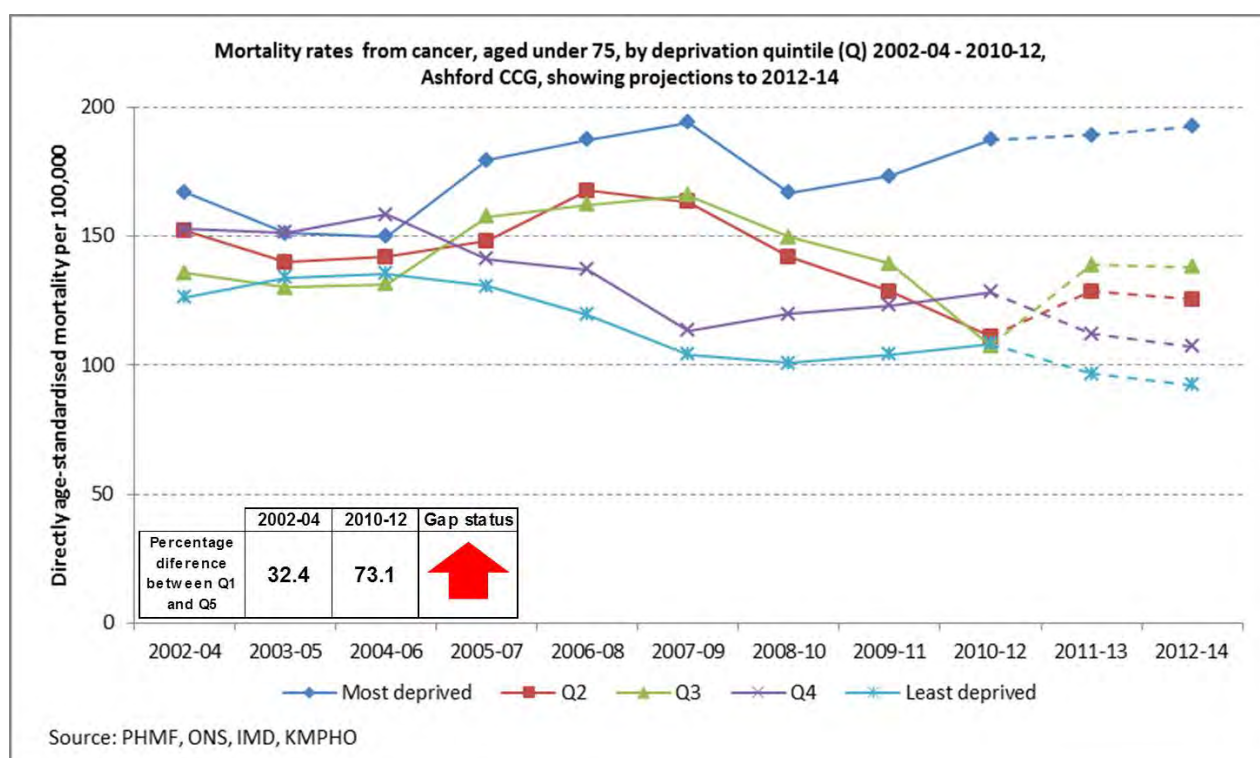


Figure 5 – All ages

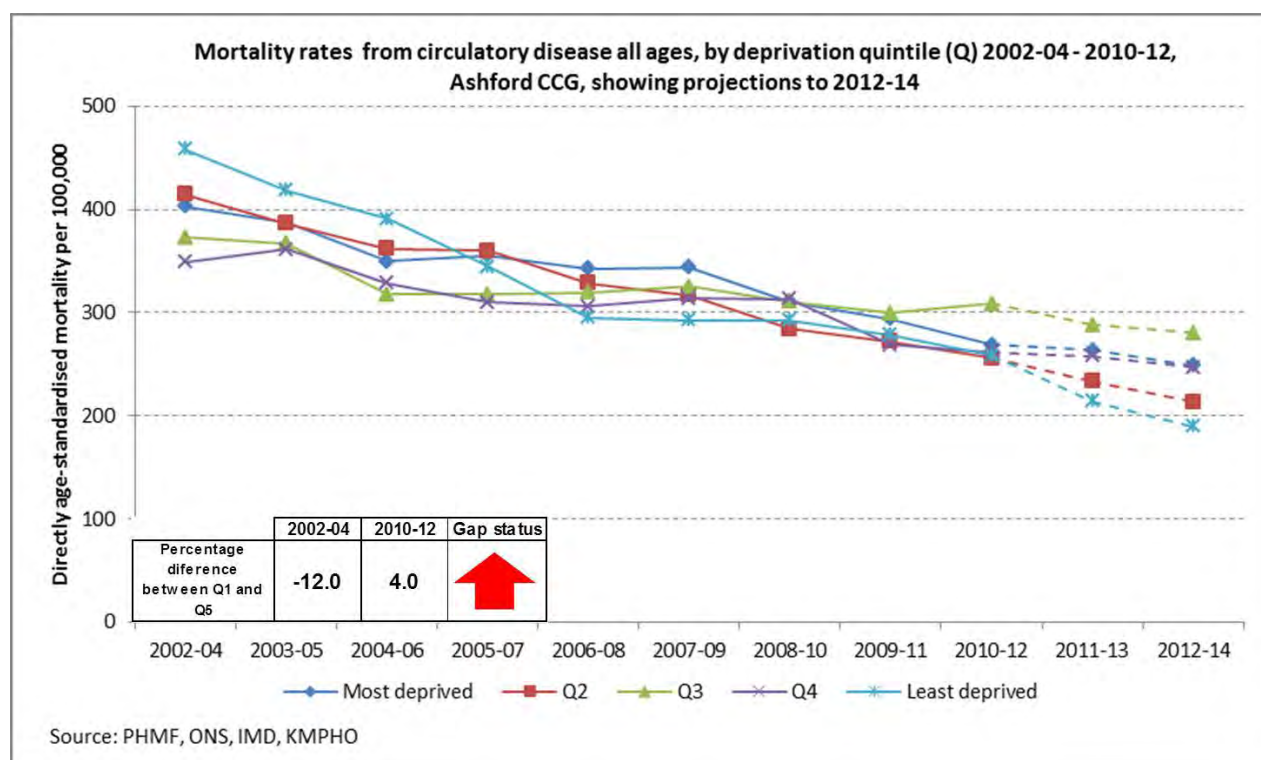
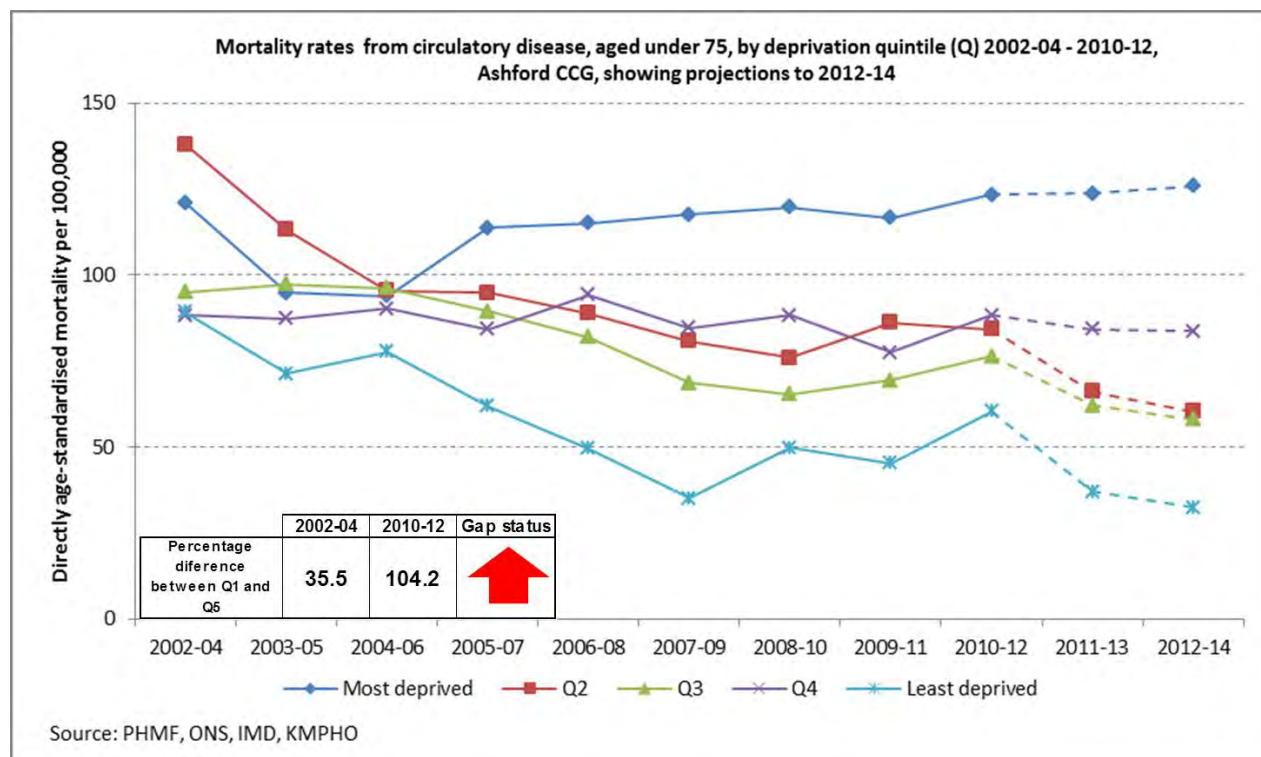


Figure 6 – Aged under 75





Mortality from respiratory disease, 2002-04 – 2010-12, by deprivation status, Ashford CCG

Figure 7 – All ages

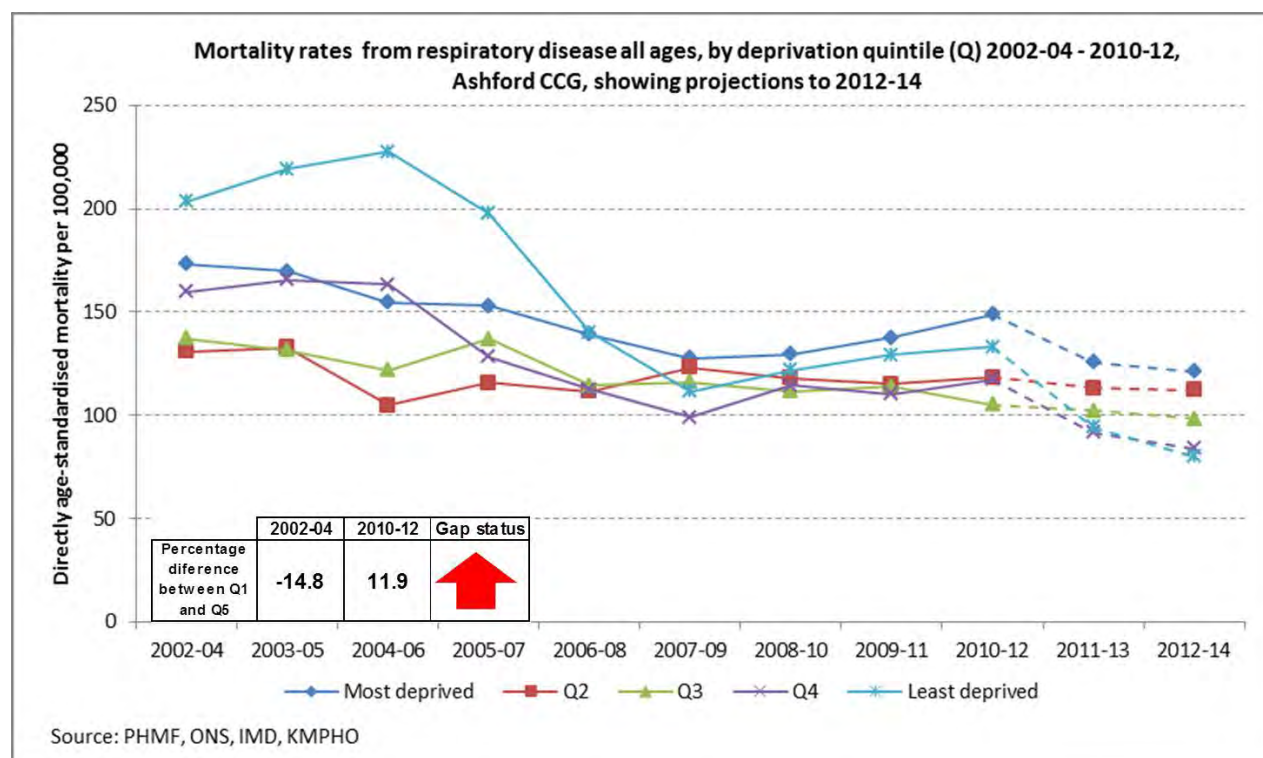
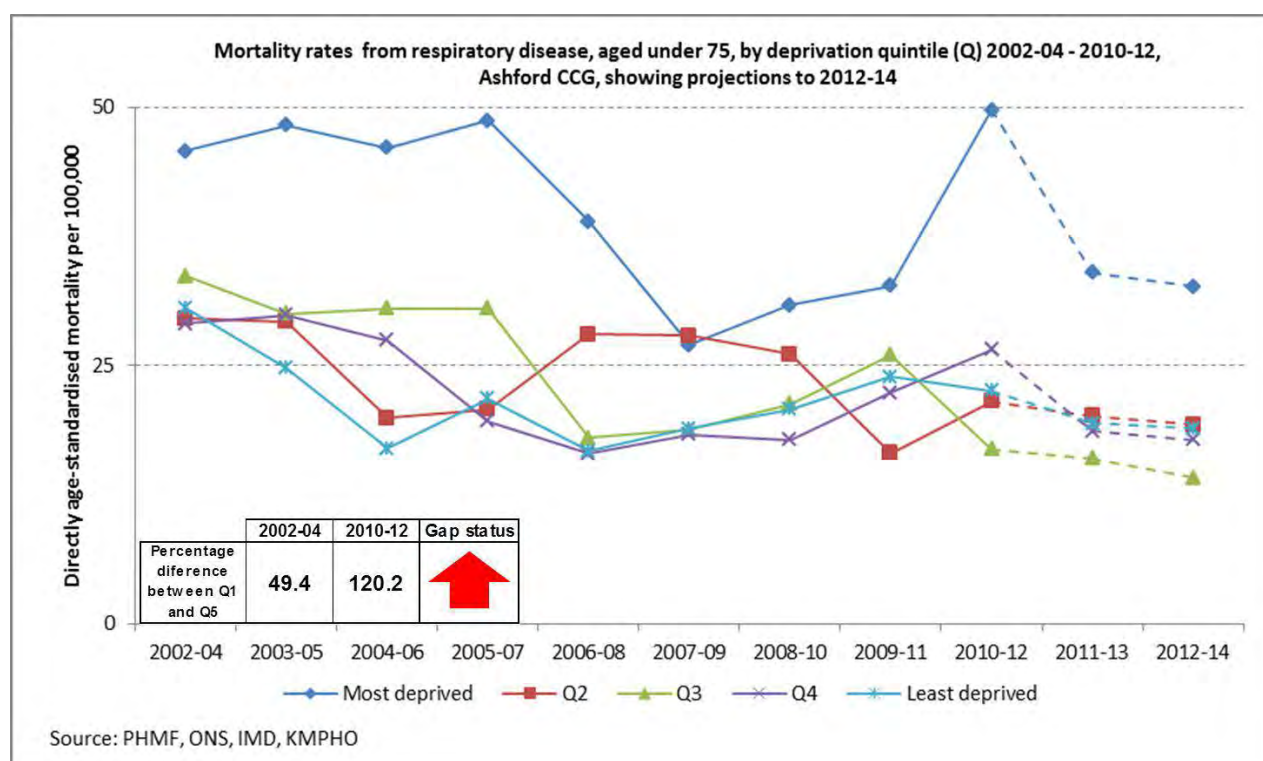


Figure 8 – Aged under 75





Mortality from all other causes, 2002-04 – 2010-12, by deprivation status, Ashford CCG

Figure 9 – All ages

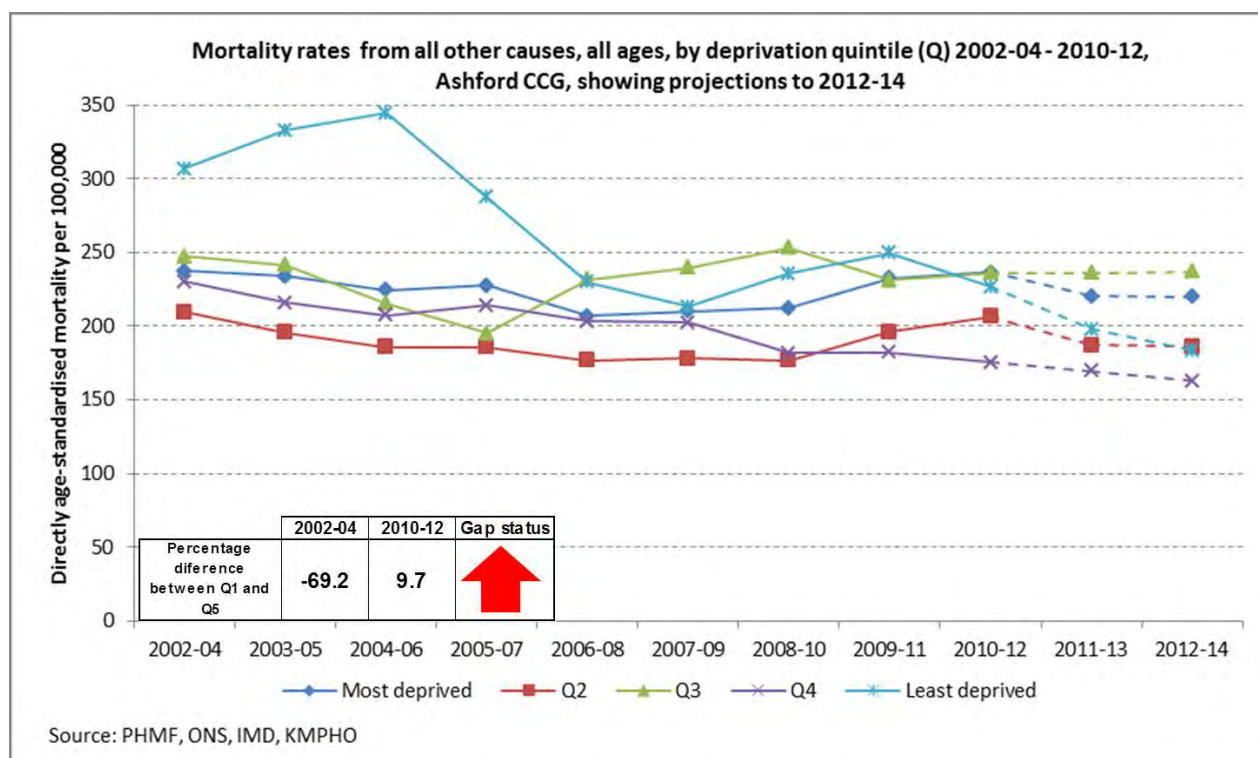
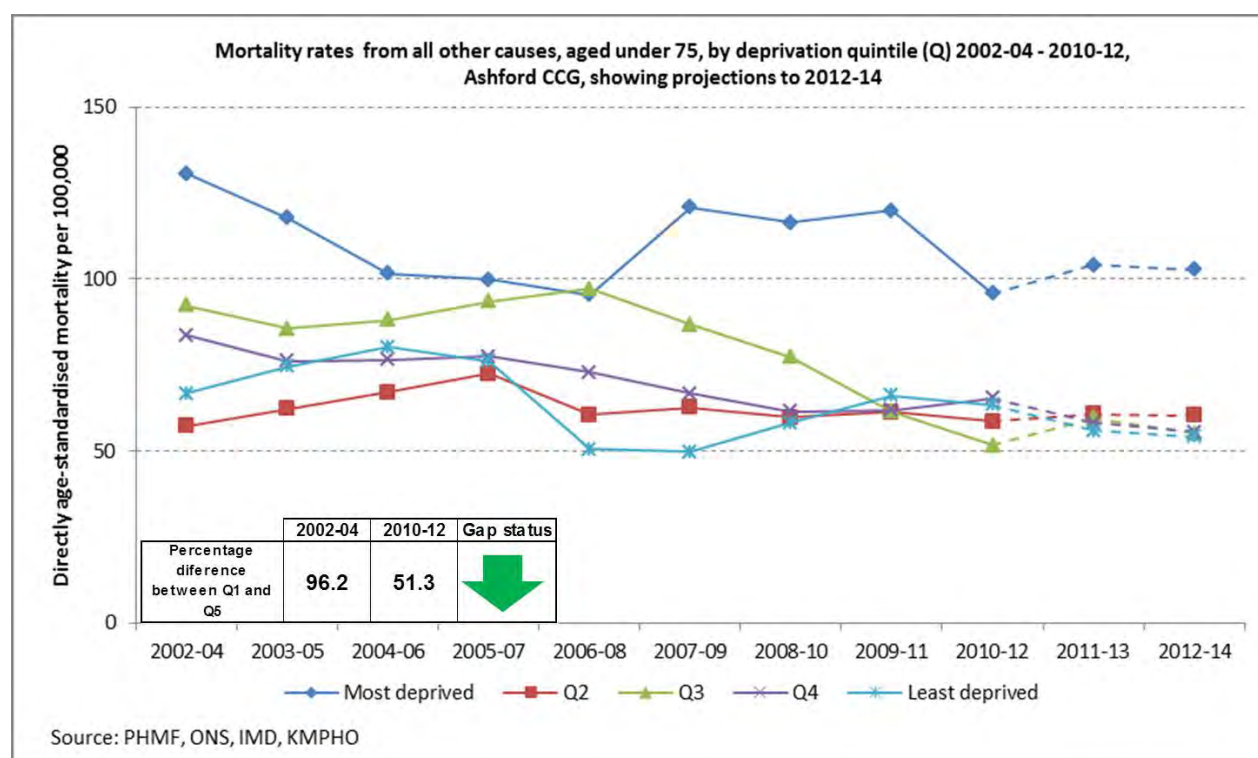


Figure 10 – Aged under 75



# Canterbury and Coastal CCG

Chart 1: Local deprivation status for electoral wards in Canterbury and Coastal CCG

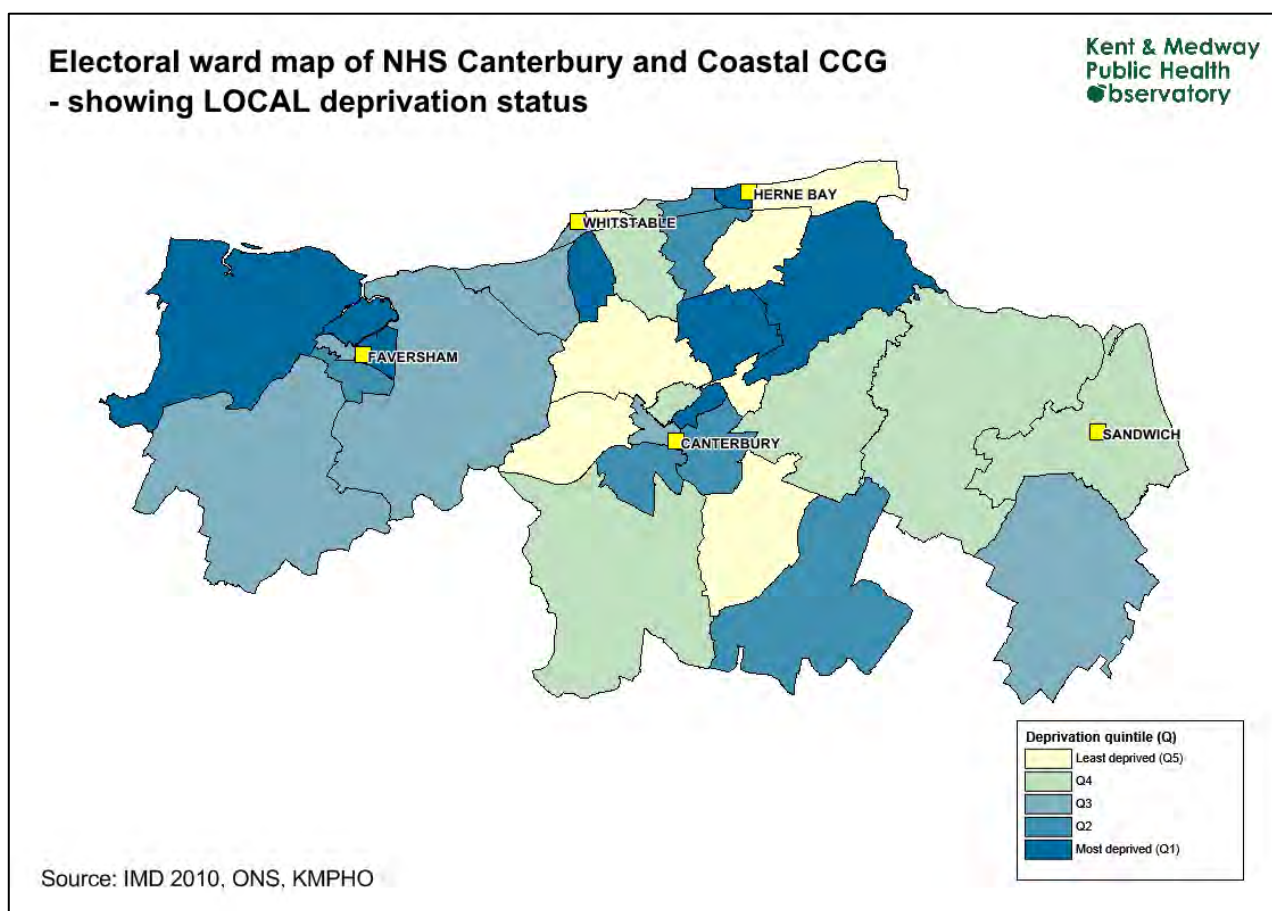


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DGS	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
SKC	↑	↓	↓	↓	↑	↓	↑	↑	↑	↑
Swale	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Thanet	↔	↔	↑	↑	↔	↓	↓	↓	↑	↑
West Kent	↔	↑	↔	↑	↓	↑	↑	↑	↑	↑
Kent	↑	↑	↔	↑	↑	↑	↑	↑	↑	↑

Mortality from all causes, 2002-04 – 2010-12, by deprivation status, Canterbury and Coastal CCG

Figure 1 – All ages

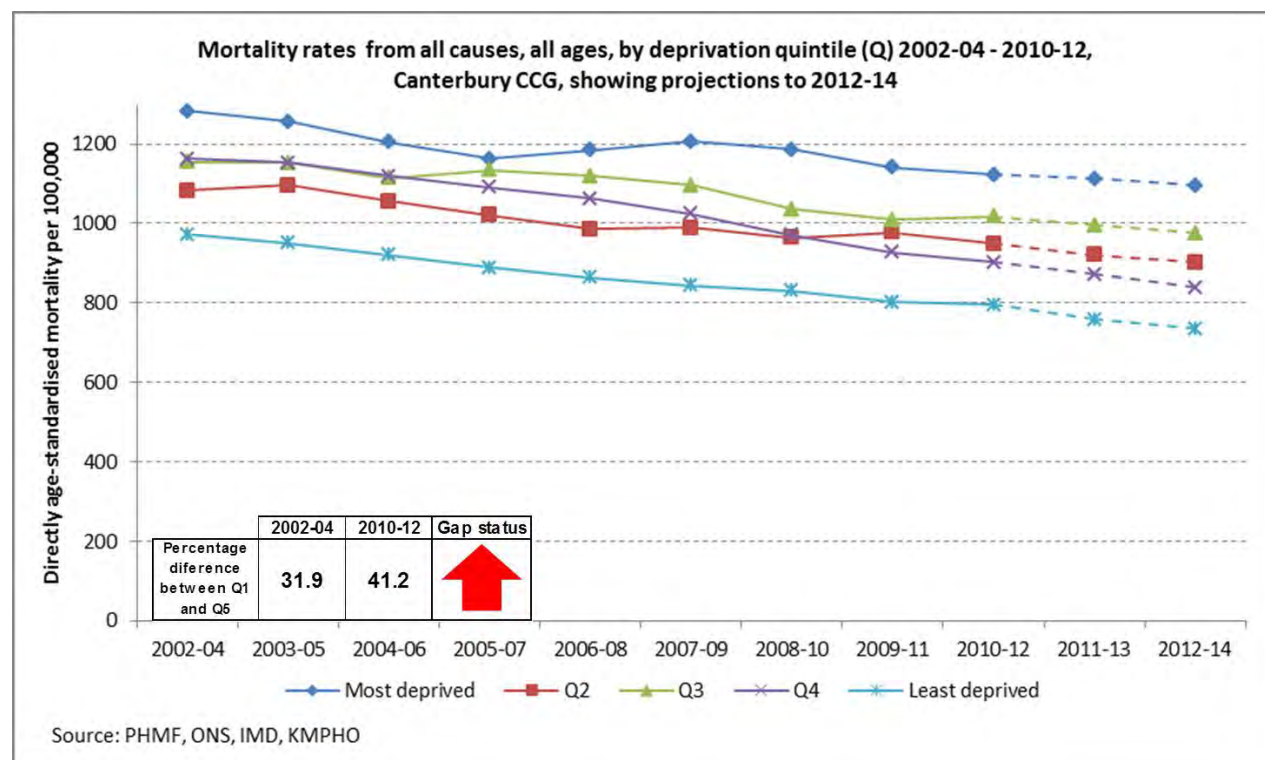
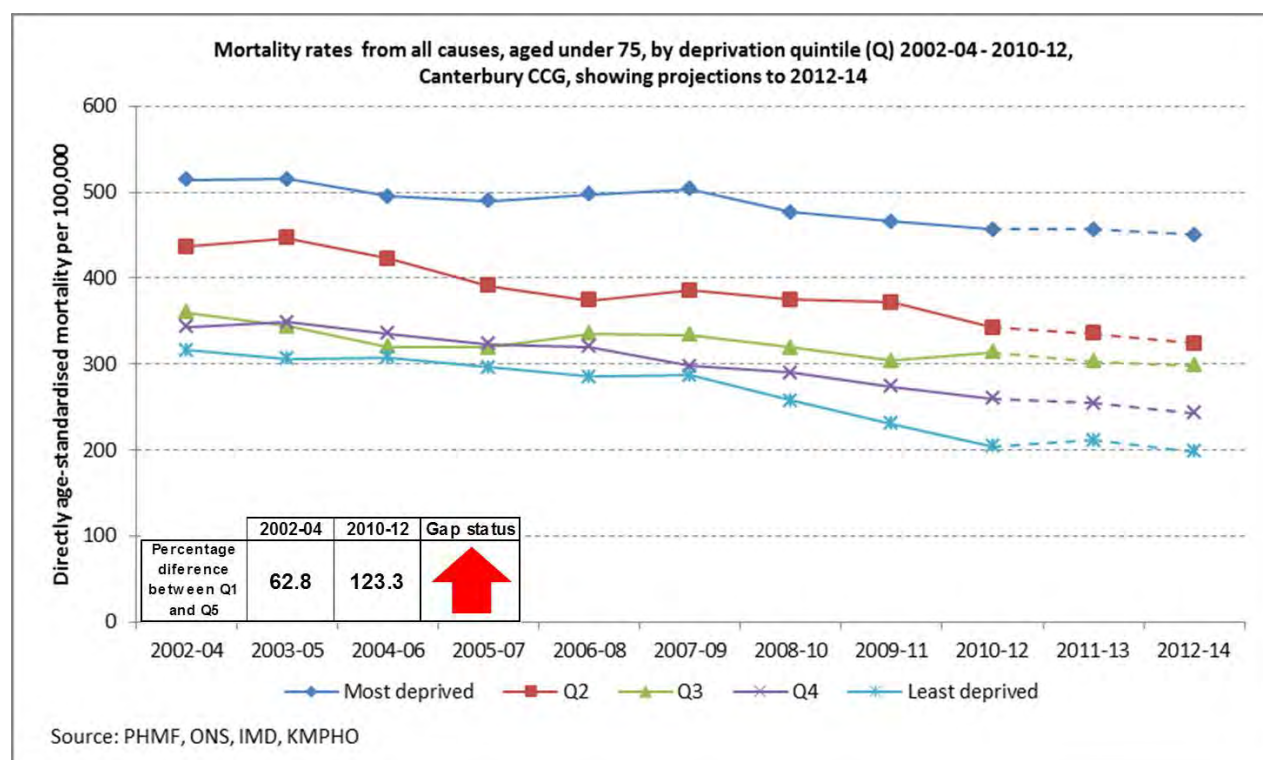


Figure 2 – Aged under 75





# Mortality from cancer, 2002-04 – 2010-12, by deprivation status, Canterbury and Coastal CCG

Figure 3 – All ages

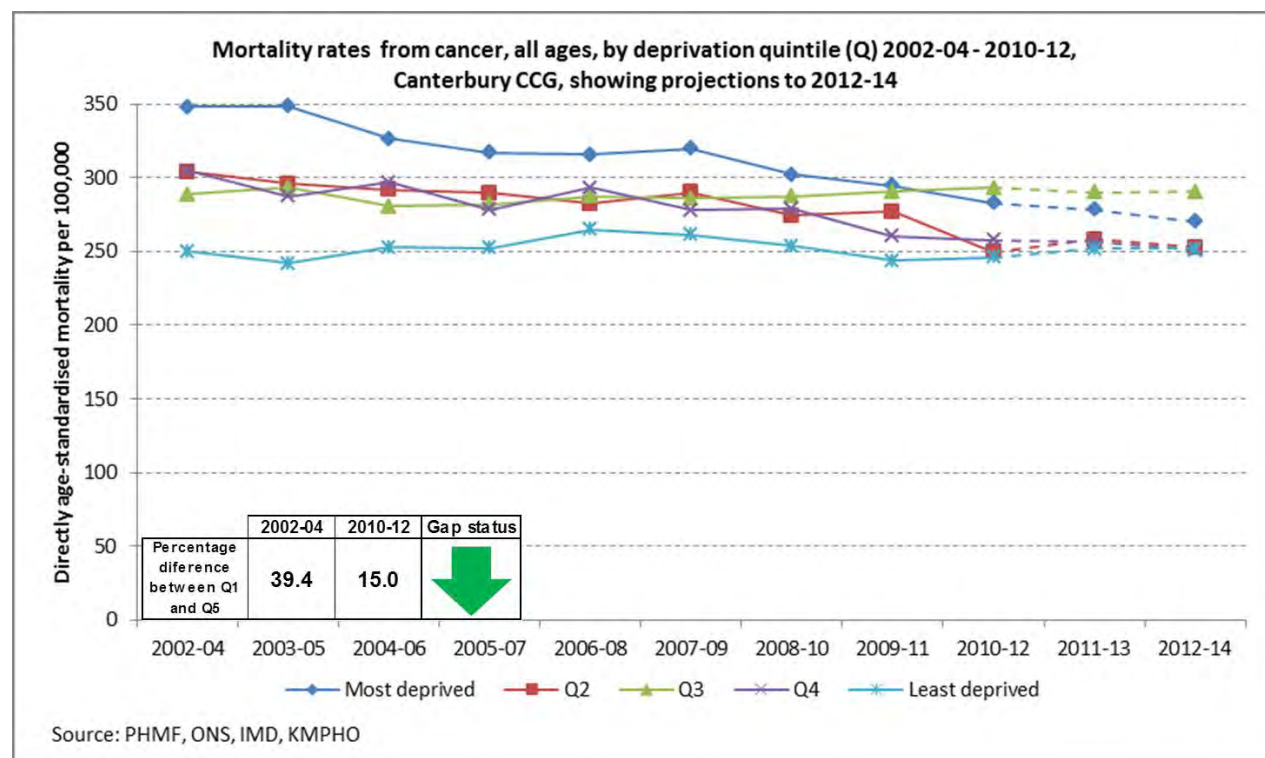
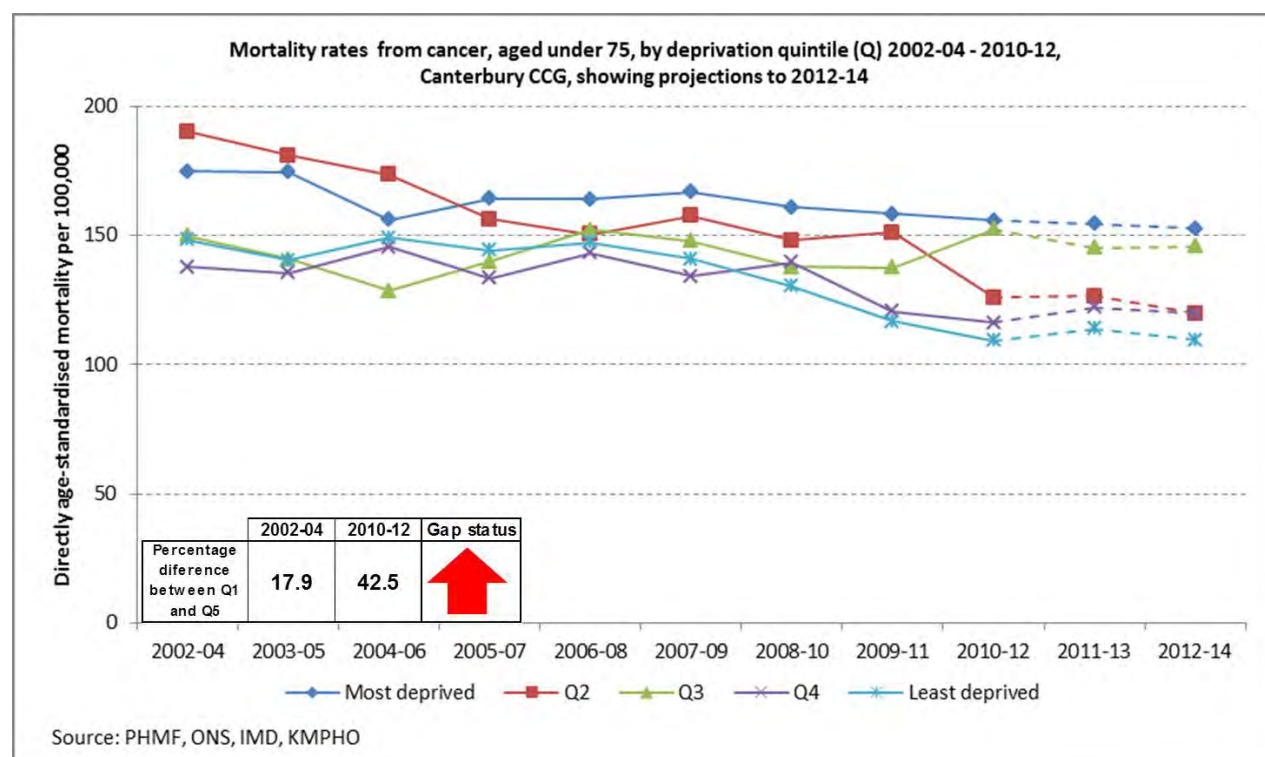


Figure 4 – Aged under 75





# Mortality from circulatory disease, 2002-04 – 2010-12, by deprivation status, Canterbury and Coastal CCG

Figure 5 – All ages

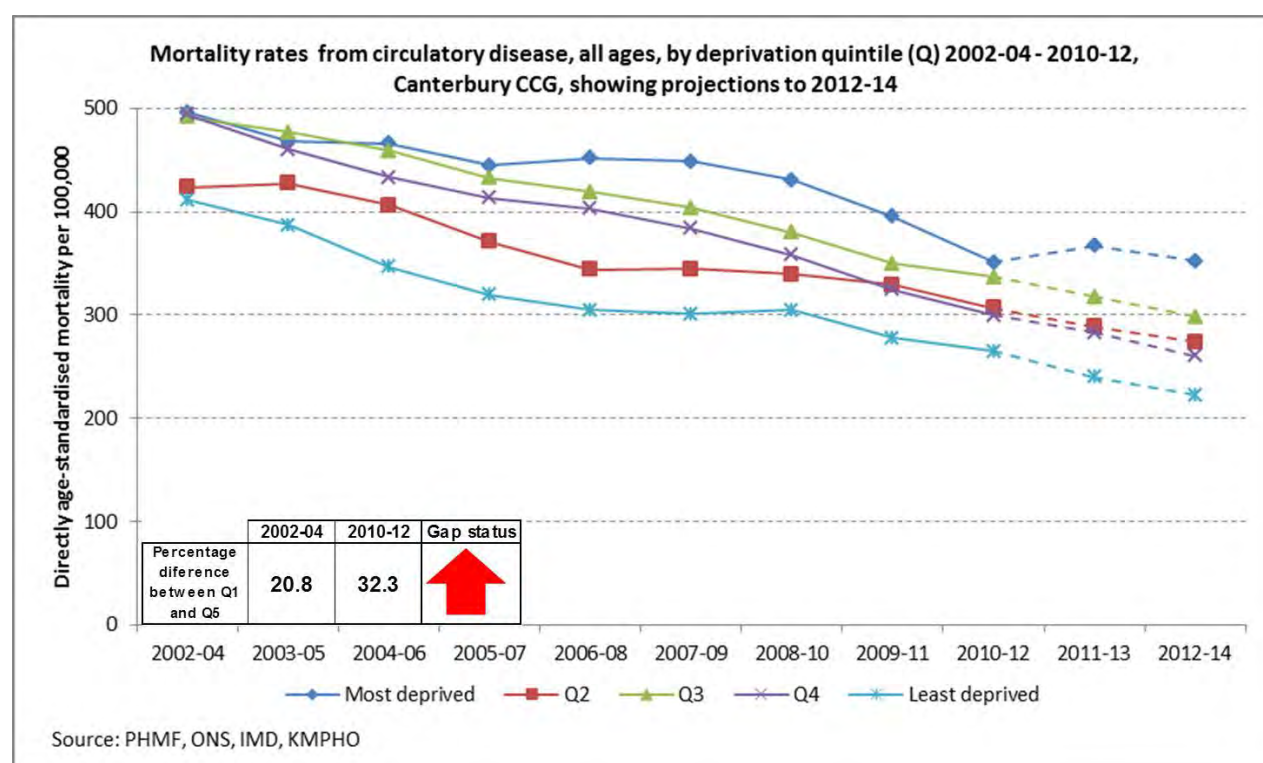
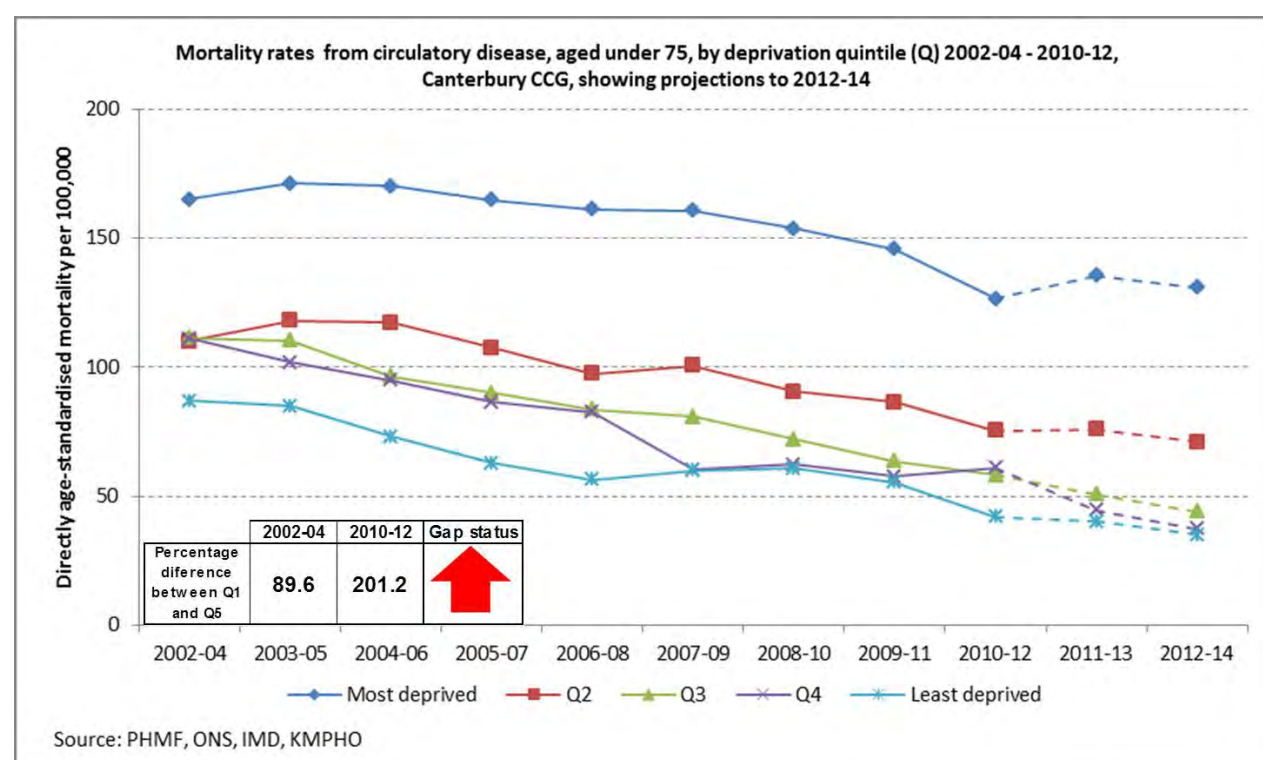


Figure 6 – Aged under 75



# Mortality from respiratory disease, 2002-04 – 2010-12, by deprivation status, Canterbury and Coastal CCG

Figure 7 – All ages

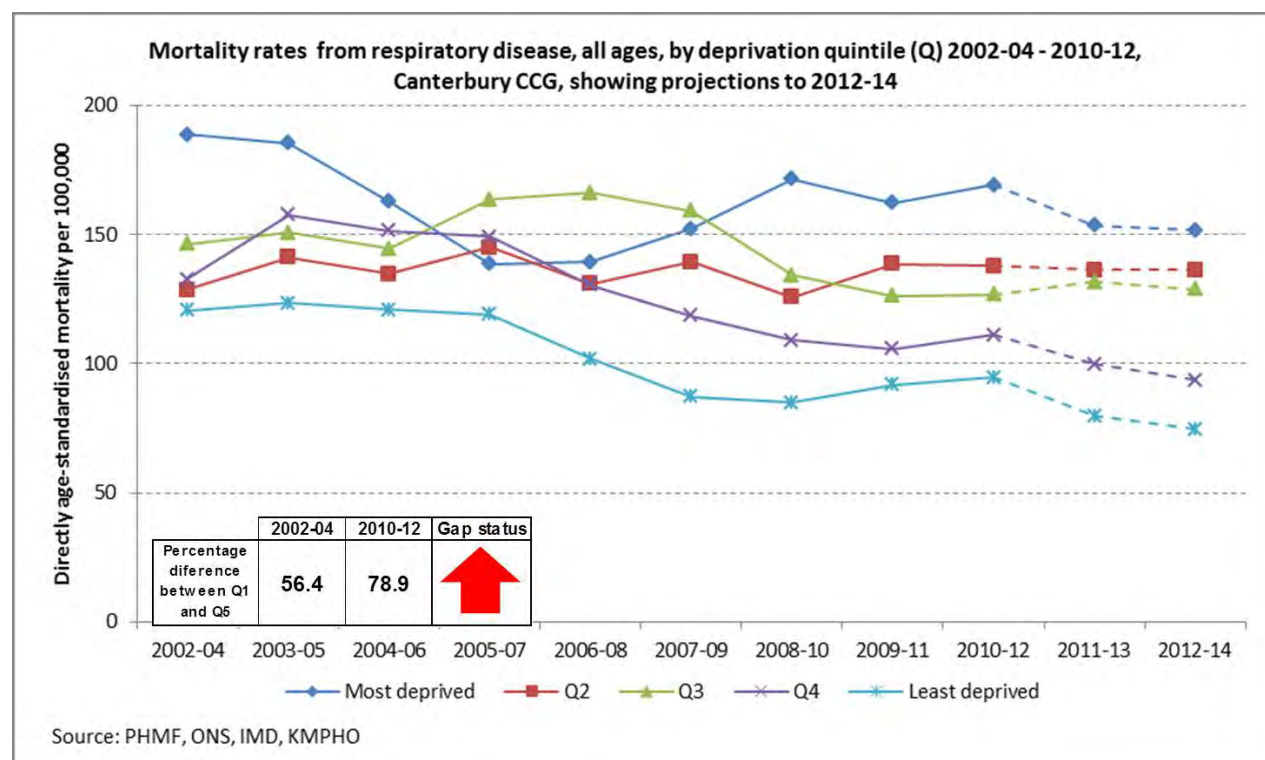
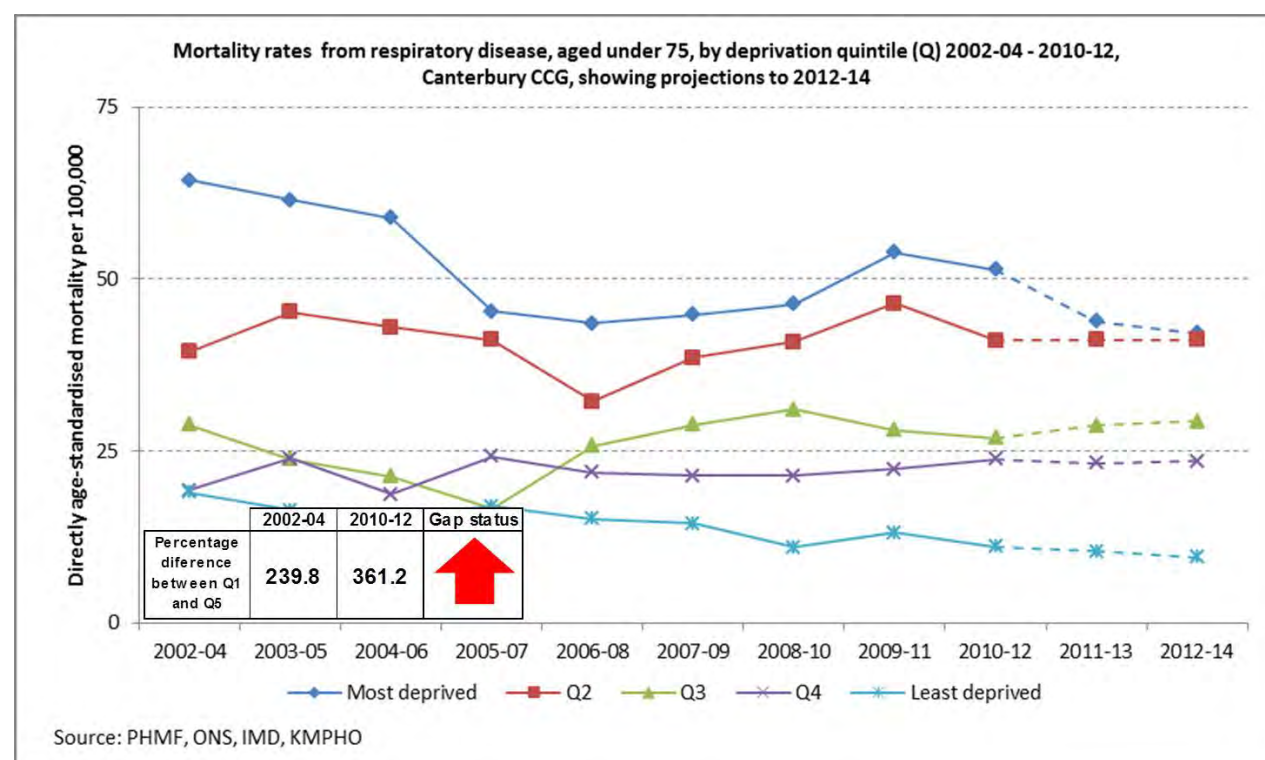


Figure 8 – Aged under 75



# Mortality from all other causes, 2002-04 – 2010-12, by deprivation status, Canterbury and Coastal CCG

Figure 9 – All ages

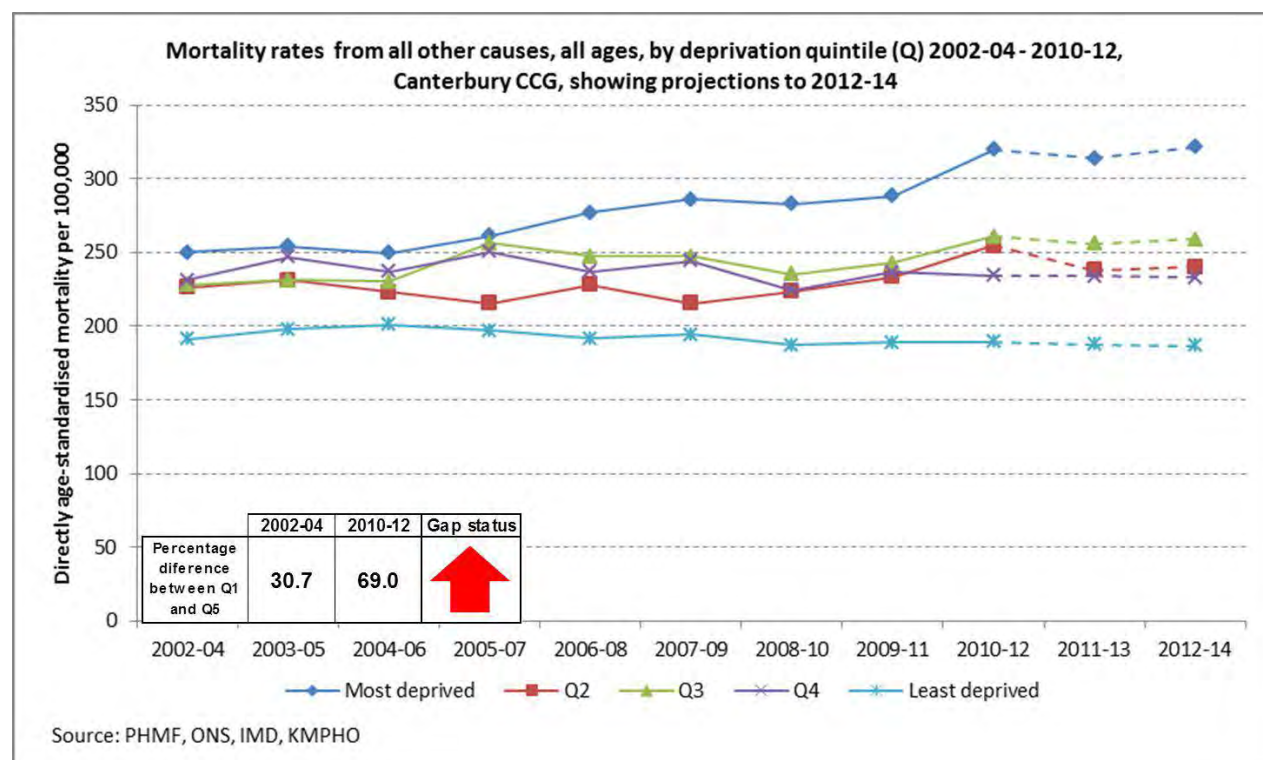
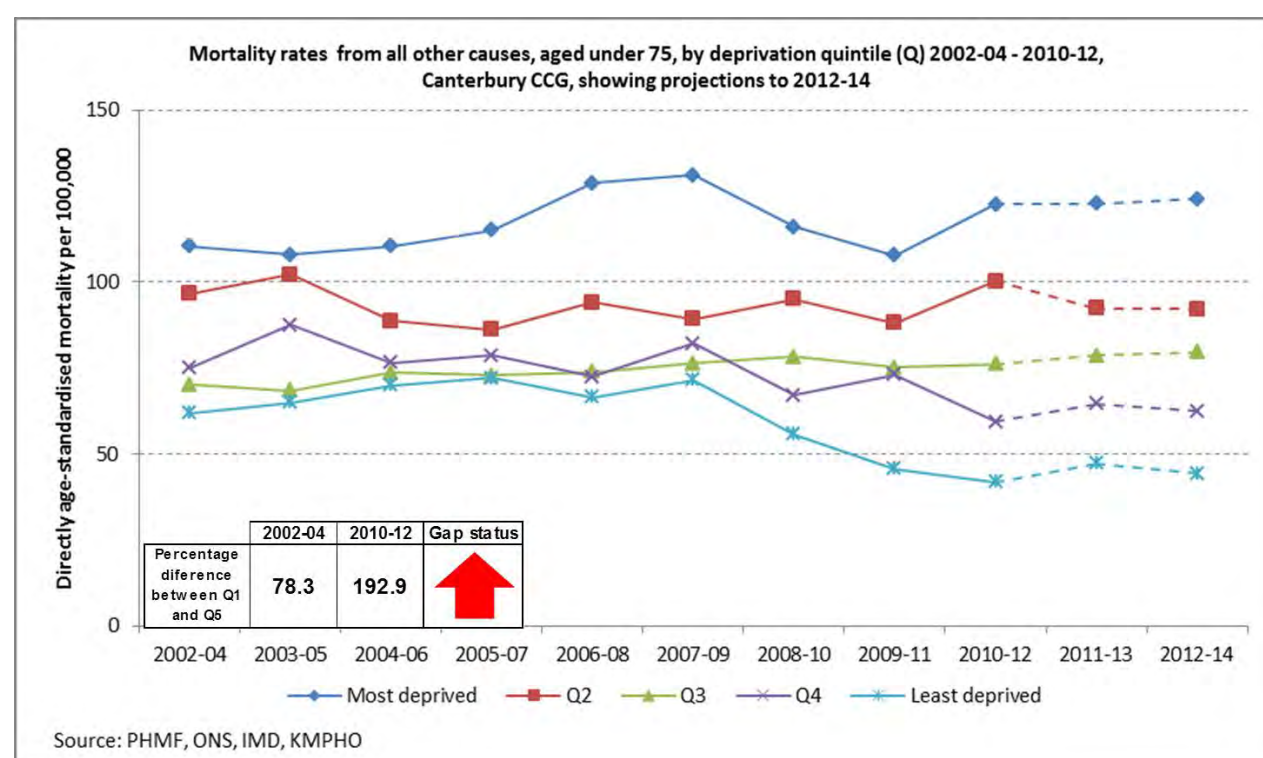


Figure 10 – Aged under 75





# Dartford Gravesham and Swanley CCG

Chart 1: Local deprivation status for electoral wards in Dartford, Gravesham and Swanley CCG

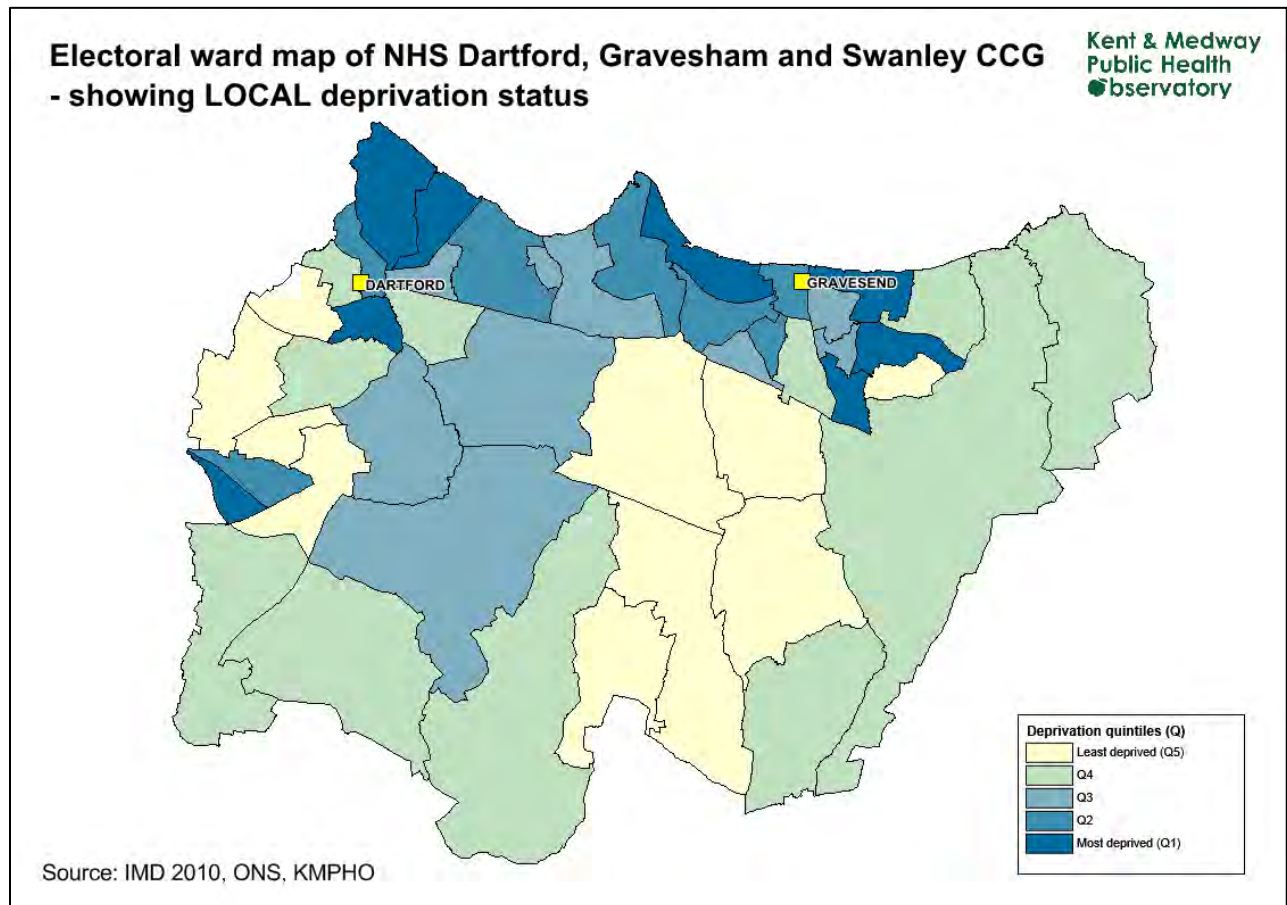


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SKC	↑	↓	↓	↓	↑	↓	↑	↑	↑	↑
Swale	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Thanet	↔	↔	↑	↑	↔	↓	↓	↓	↑	↑
West Kent	↔	↑	↔	↑	↓	↑	↑	↑	↑	↑
Kent	↑	↑	↔	↑	↑	↑	↑	↑	↑	↑



Mortality from all causes, 2002-04 – 2010-12, by deprivation status, Dartford, Gravesham and Swanley CCG

Figure 1 – All ages

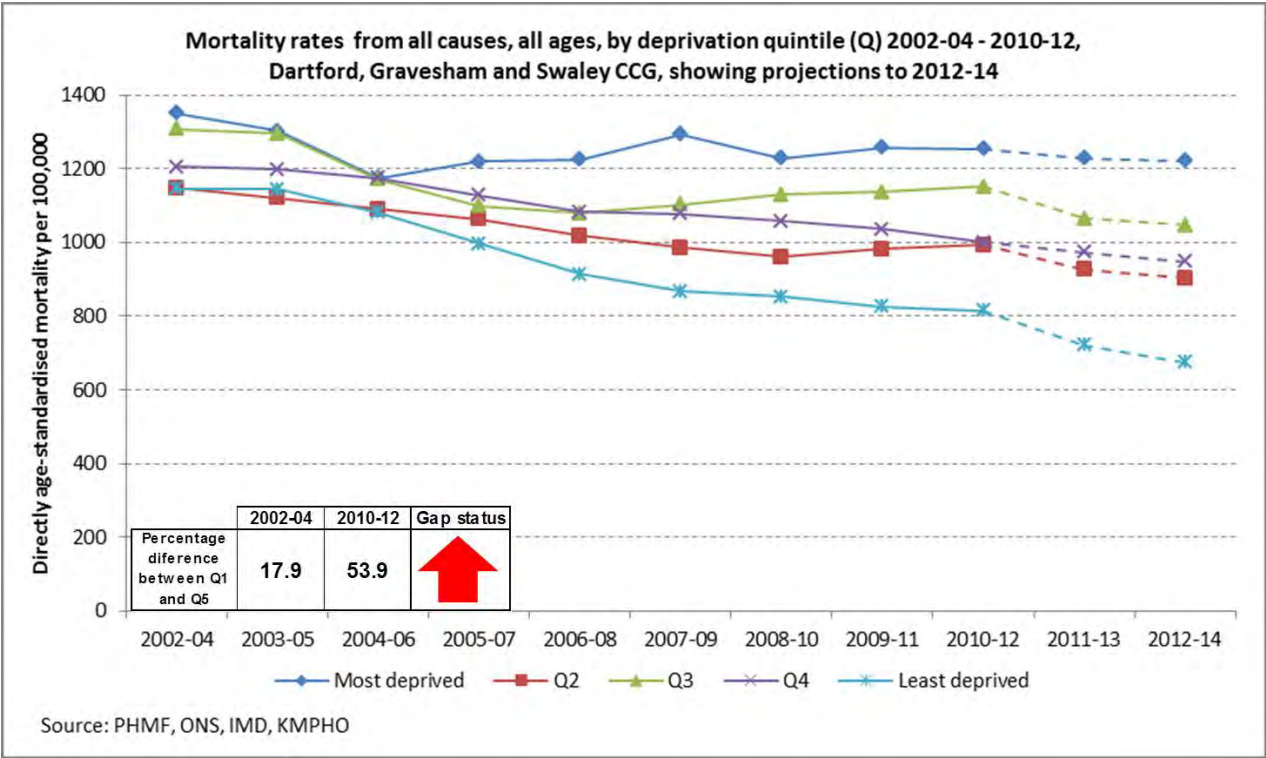
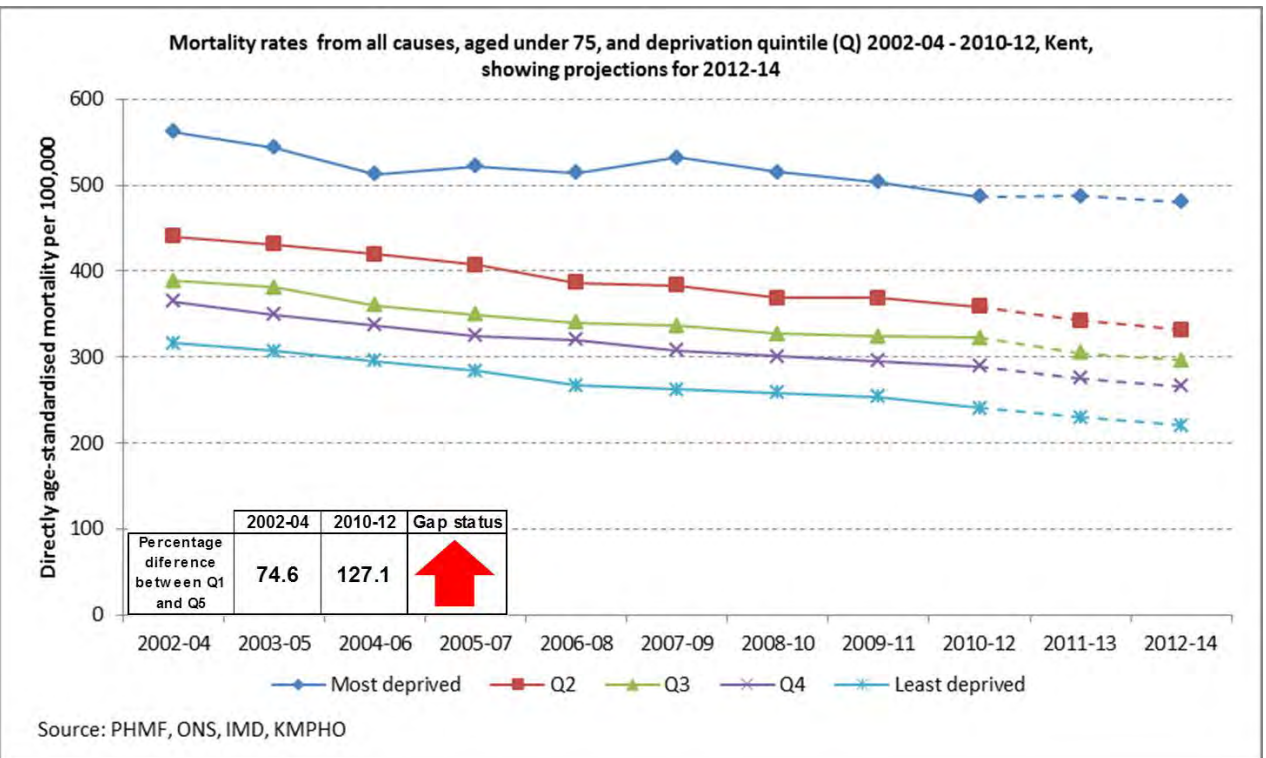


Figure 2 – Aged under 75



Mortality from cancer, 2002-04 – 2010-12, by deprivation status, Dartford, Gravesham and Swanley CCG

Figure 3 – All ages

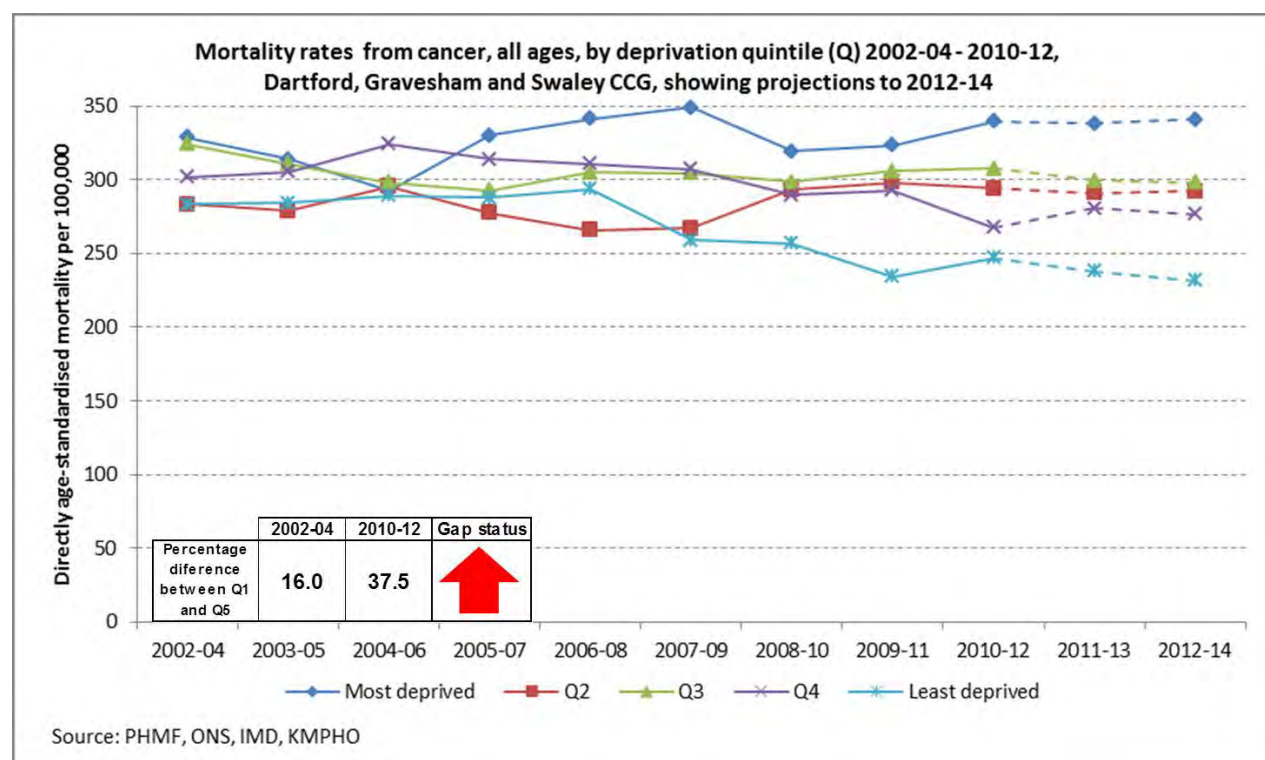
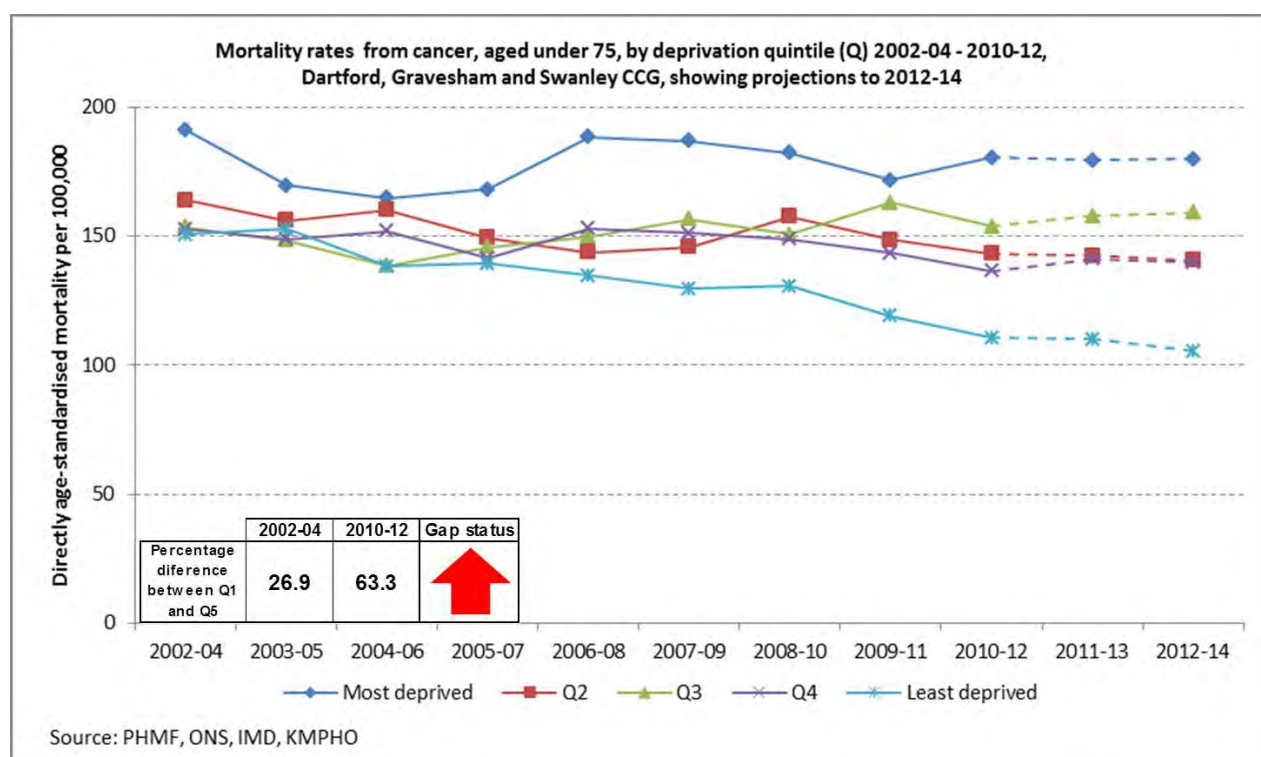


Figure 4 – Aged under 75



Mortality from circulatory disease, 2002-04 – 2010-12, by deprivation status, Dartford, Gravesham and Swanley CCG

Figure 5 – All ages

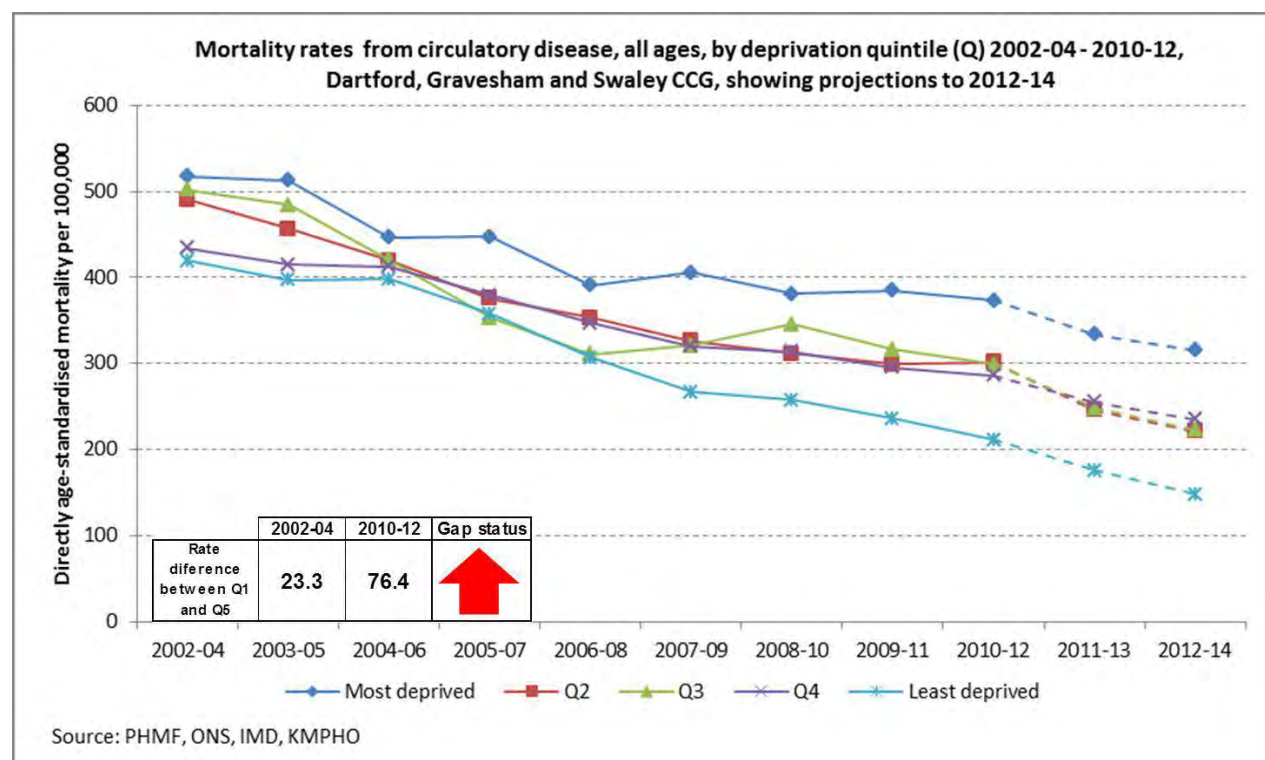
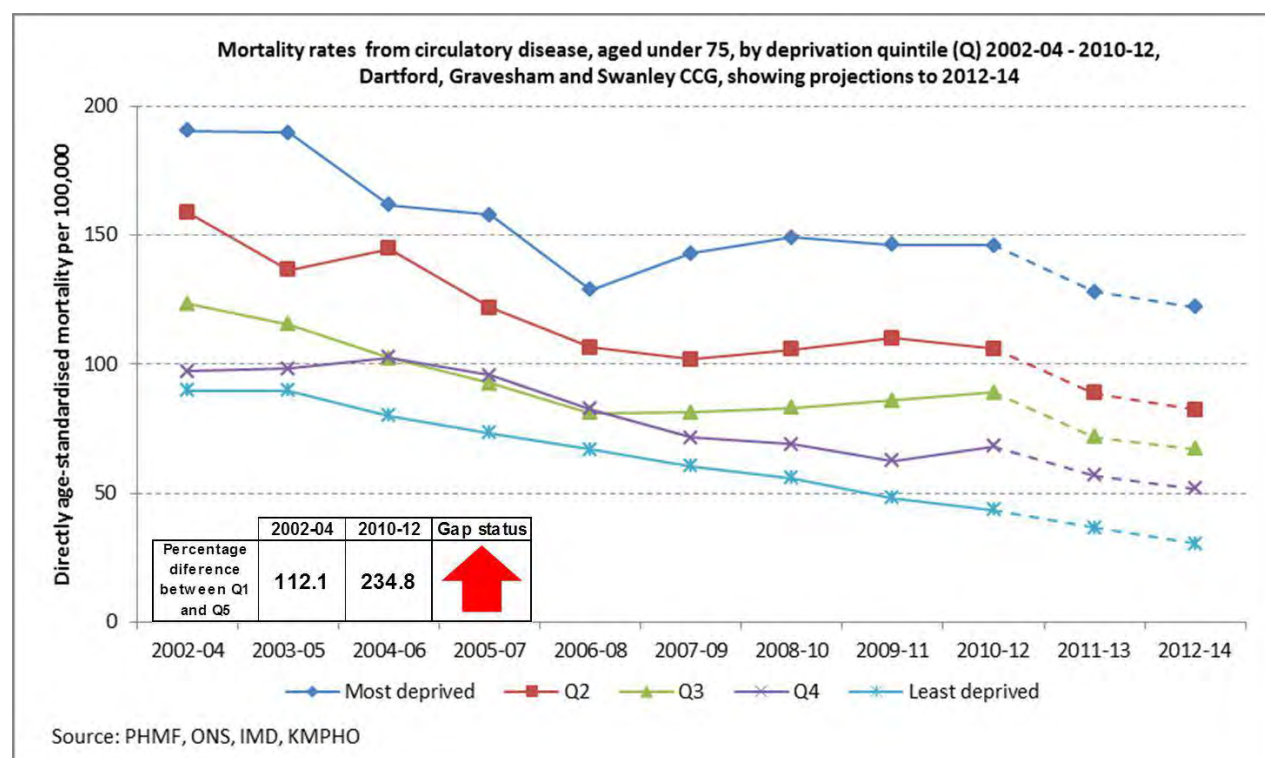


Figure 6 – Aged under 75





Mortality from respiratory disease, 2002-04 – 2010-12, by deprivation status, Dartford, Gravesham and Swanley CCG

Figure 7 – All ages

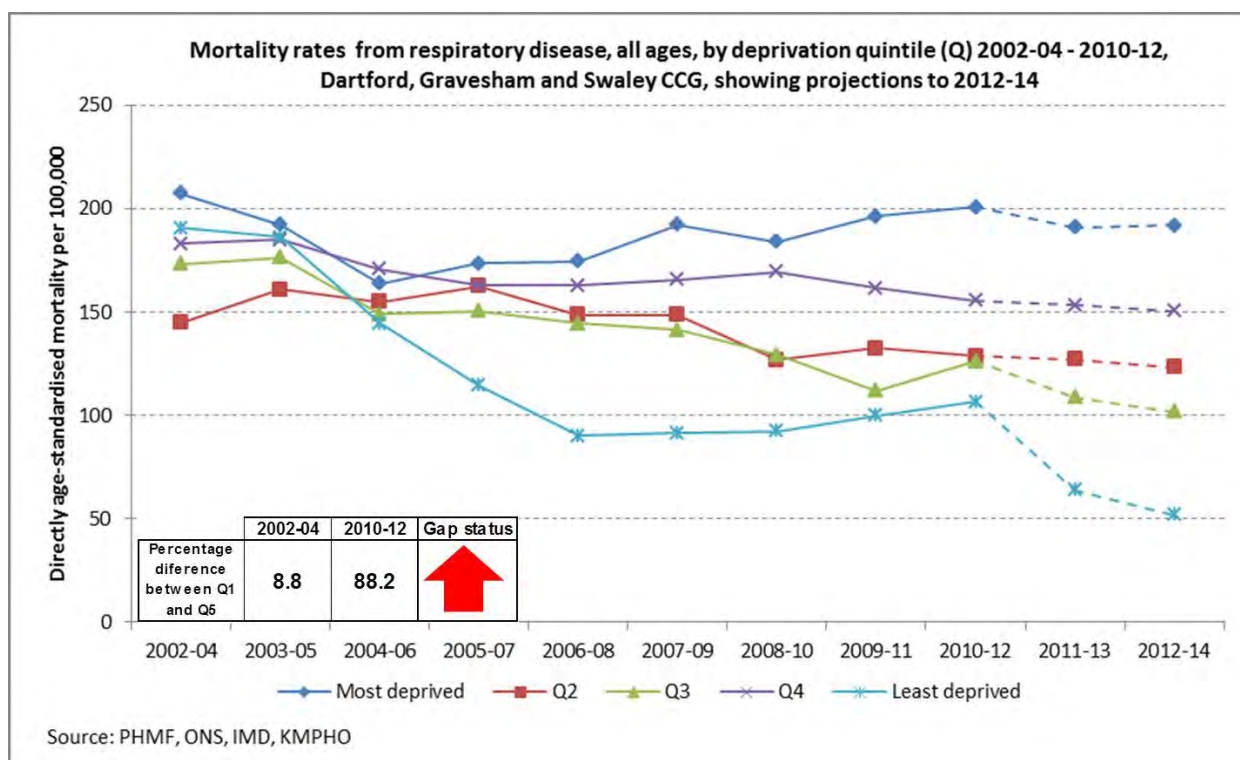
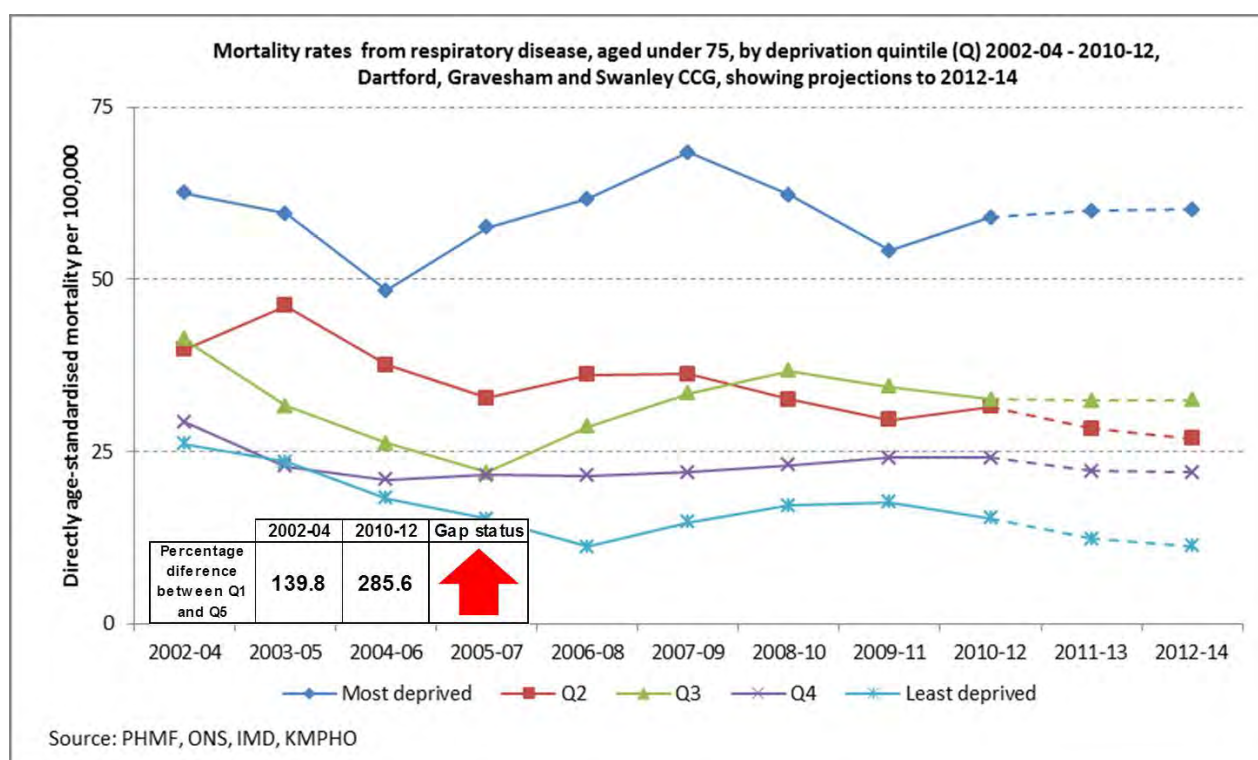


Figure 8 – Aged under 75





Mortality from all other causes, 2002-04 – 2010-12, by deprivation status, Dartford, Gravesham and Swanley CCG

Figure 9 – All ages

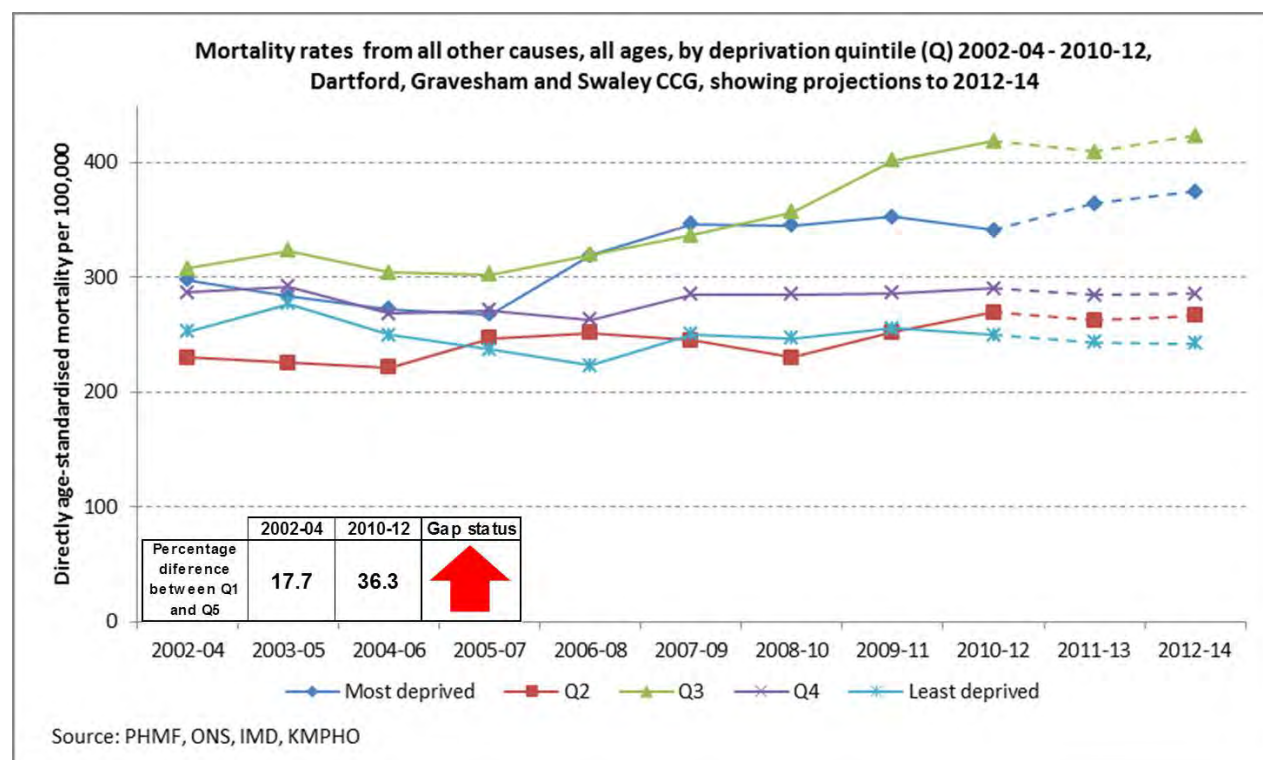
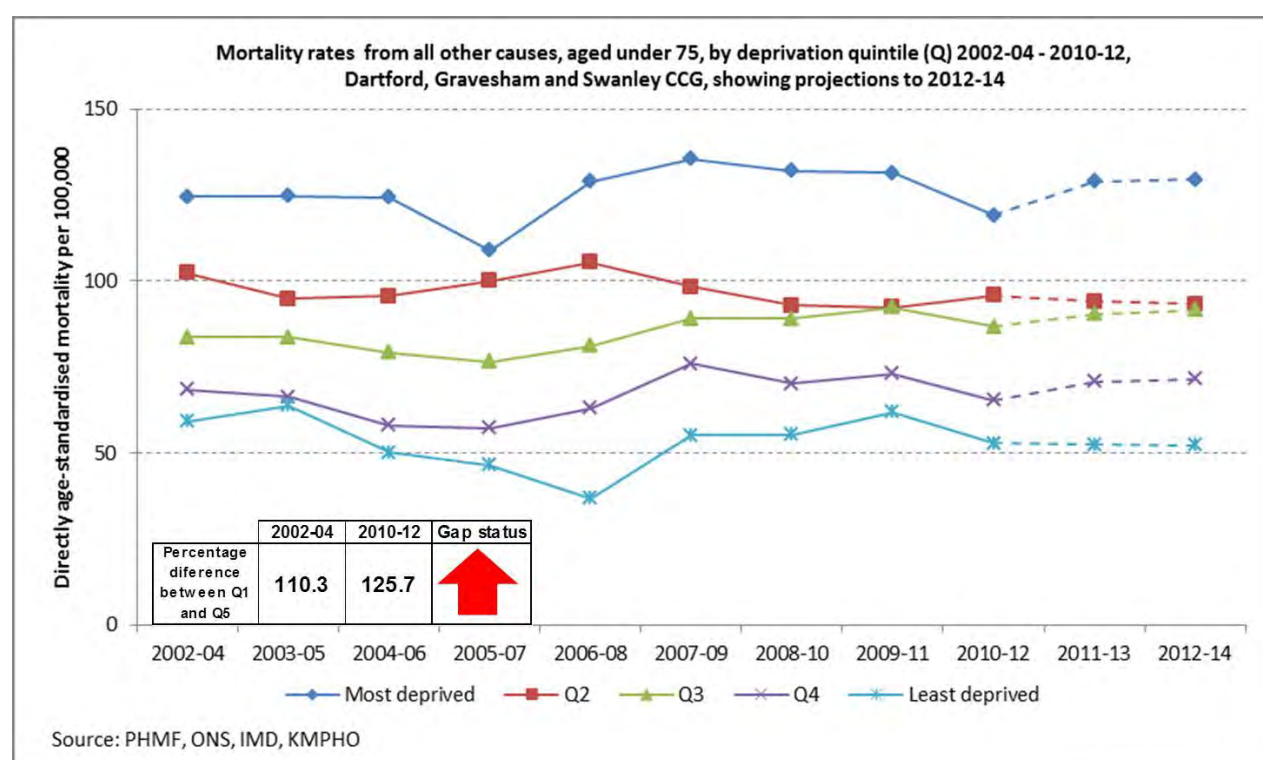


Figure 10 – Aged under 75



# South Kent Coast CCG

Chart 1: Local deprivation status for electoral wards in South Kent Coast CCG

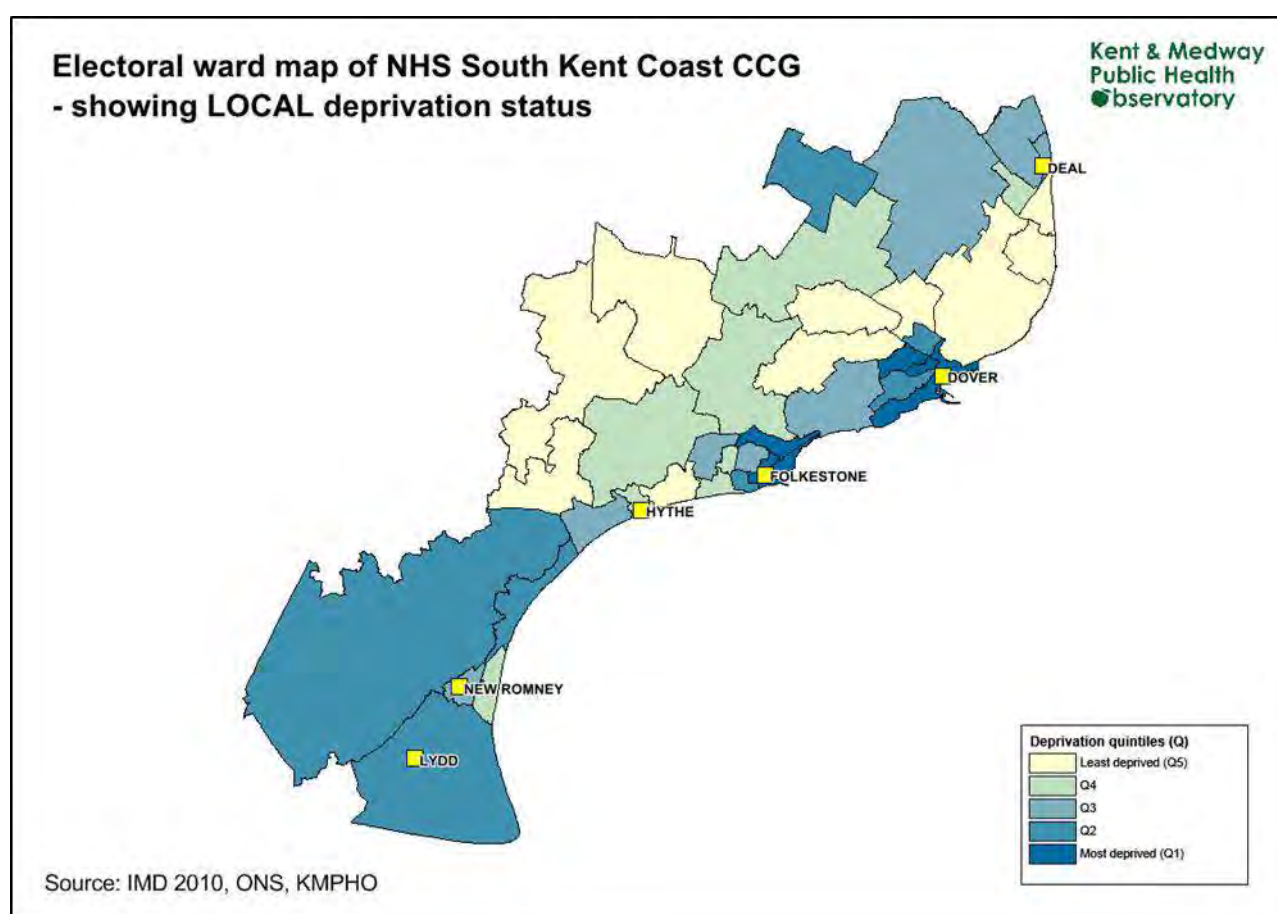


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SKC	↑	↓	↓	↓	↑	↓	↑	↑	↑	↑
Swale	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Thanet	↔	↔	↑	↑	↔	↓	↓	↓	↑	↑
West Kent	↔	↑	↔	↑	↓	↑	↑	↑	↑	↑
Kent	↑	↑	↔	↑	↑	↑	↑	↑	↑	↑

Mortality from all causes, 2002-04 – 2010-12, by deprivation status, South Kent Coast CCG

Figure 1 – All ages

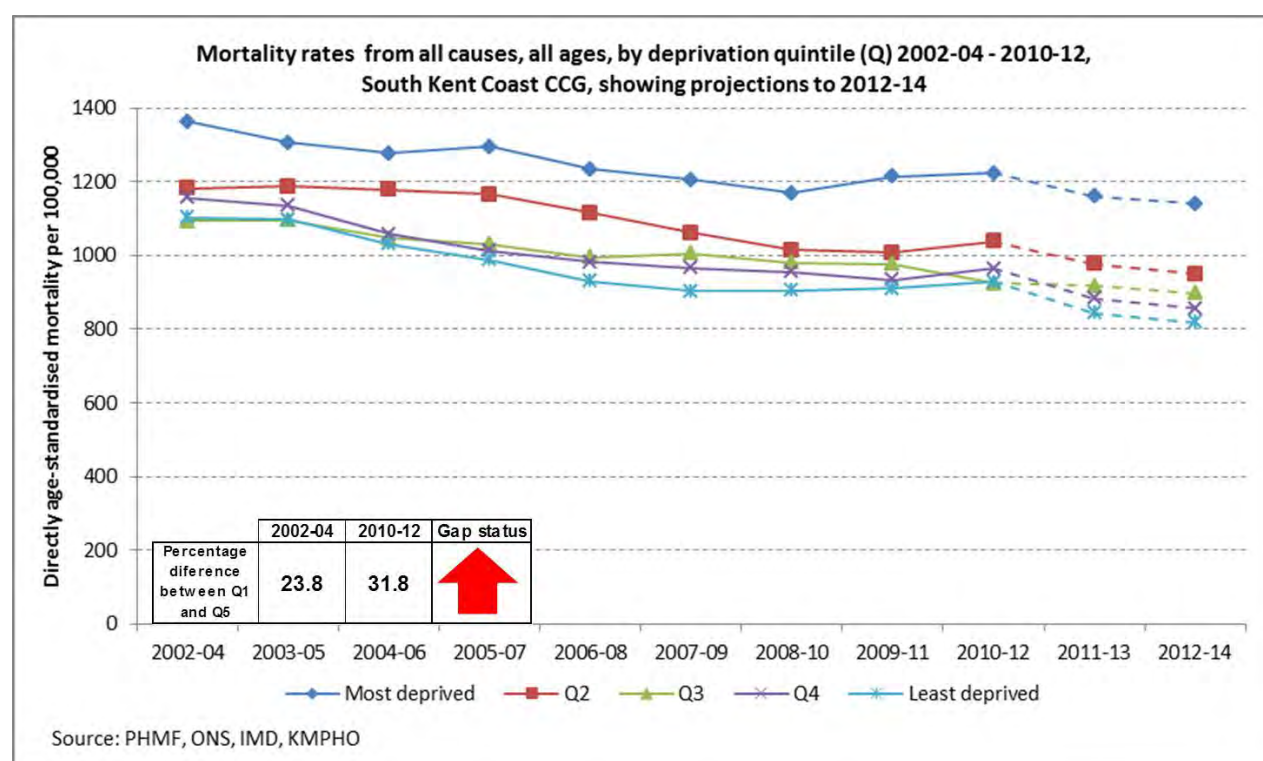
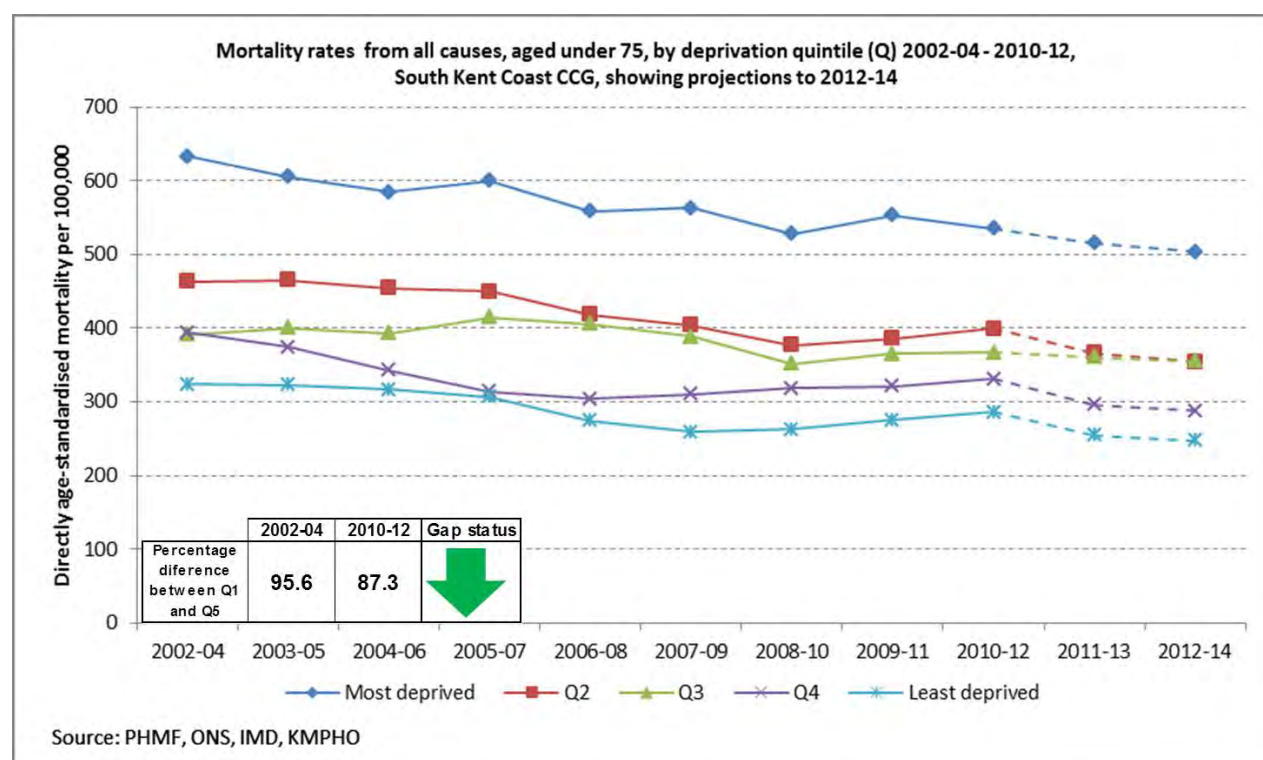


Figure 2 – Aged under 75





# Mortality from cancer, 2002-04 – 2010-12, by deprivation status, South Kent Coast CCG

Figure 3 – All ages

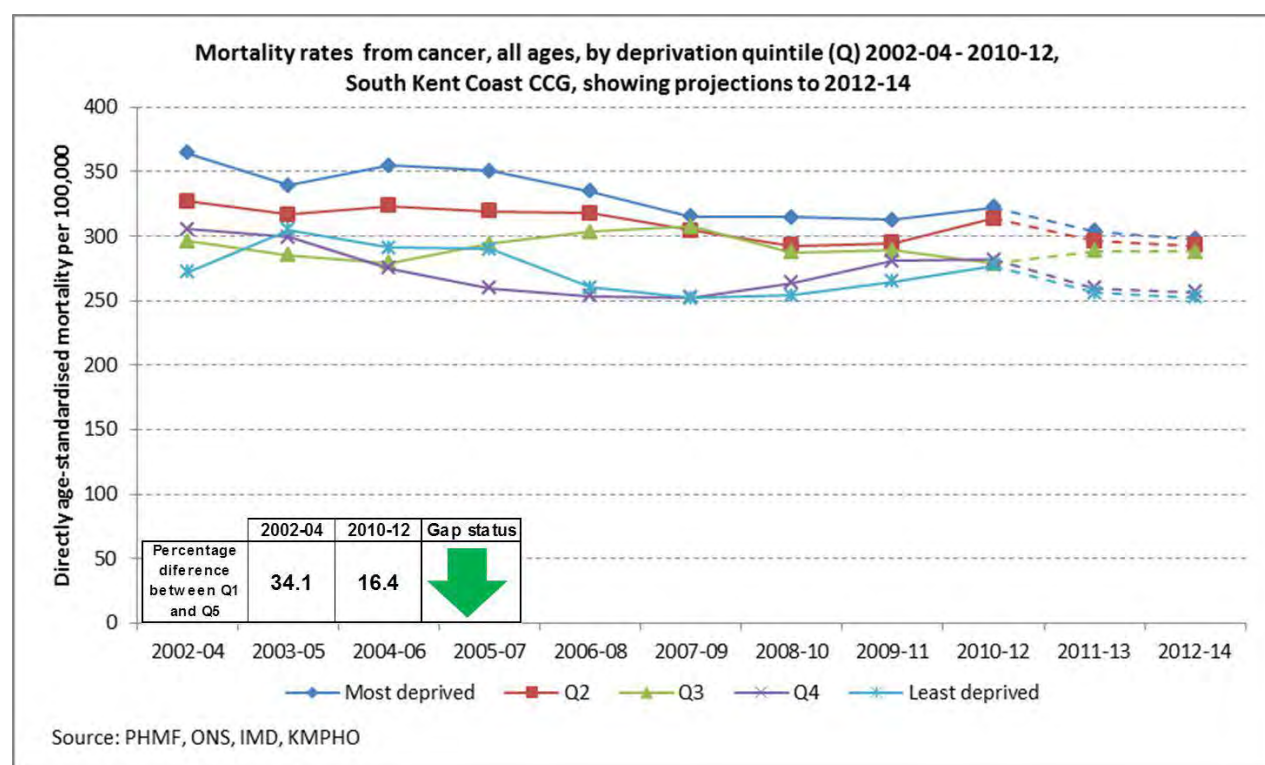
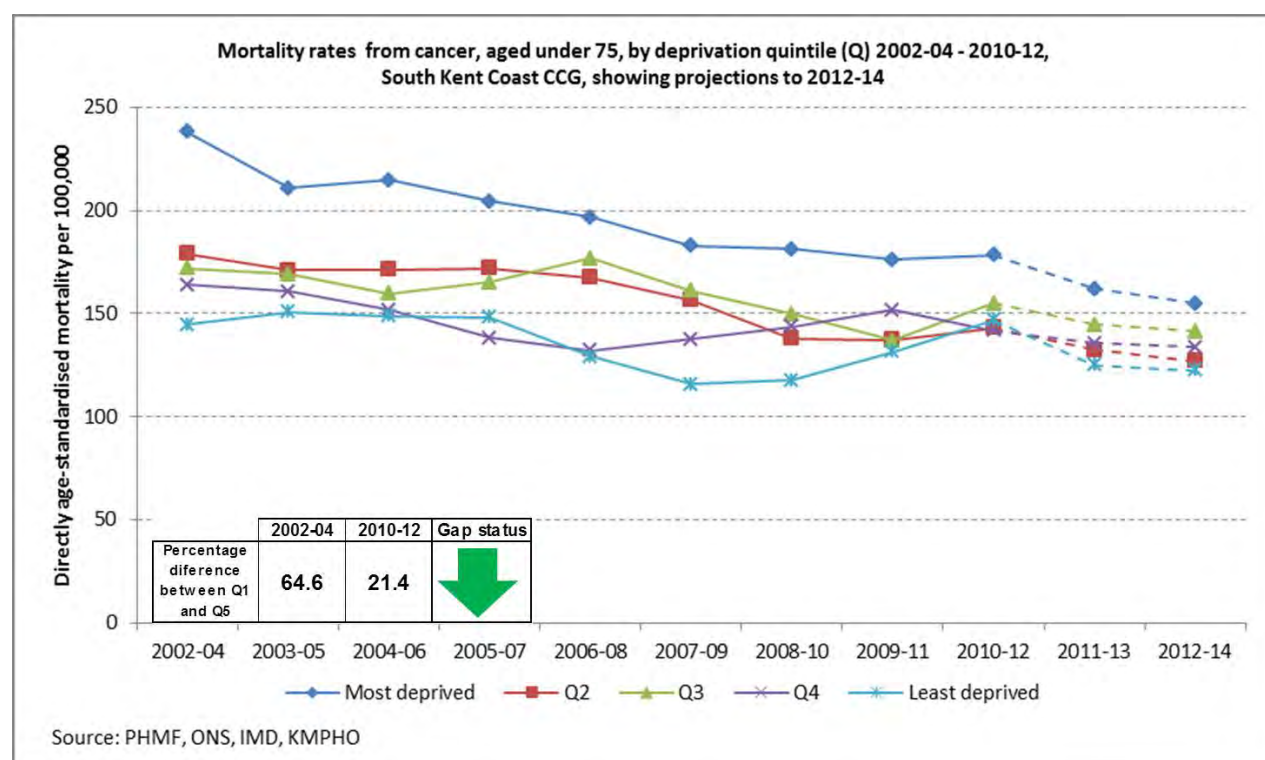


Figure 4 – Aged under 75



# Mortality from circulatory disease, 2002-04 – 2010-12, by deprivation status, South Kent Coast CCG

Figure 5 – All ages

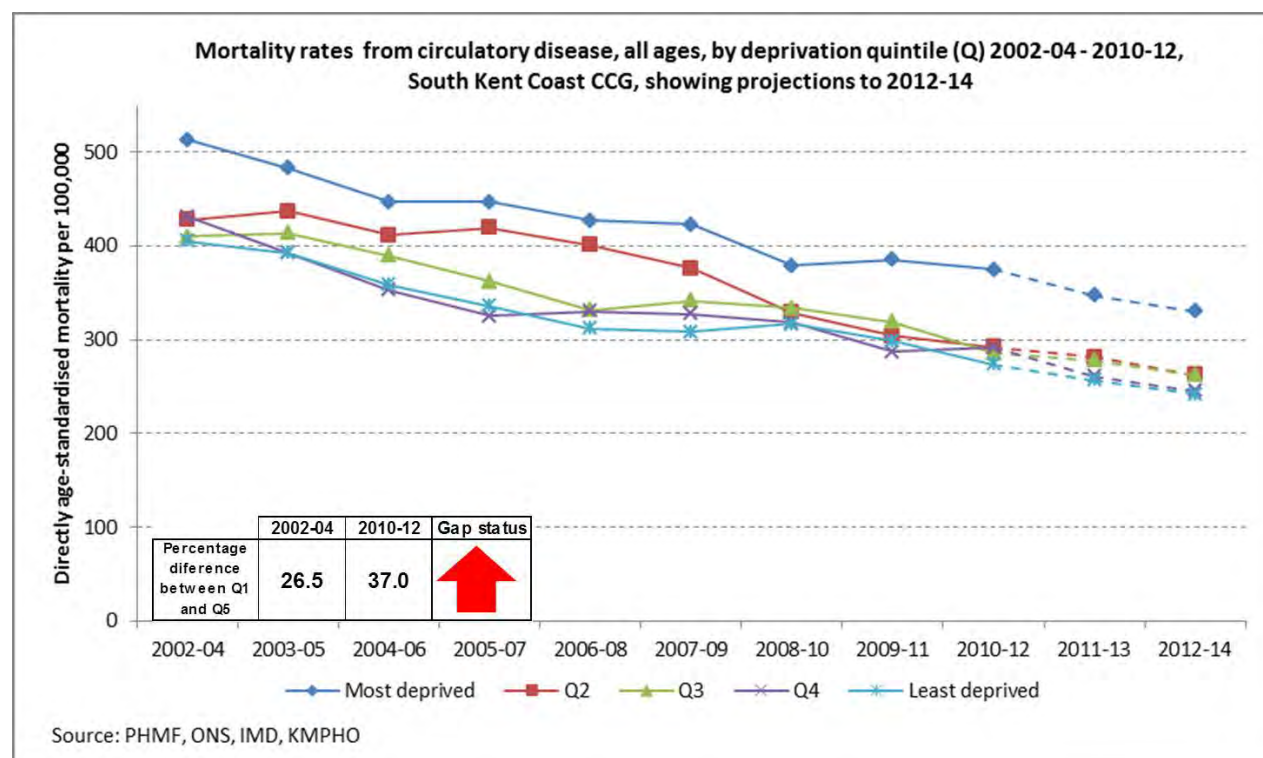
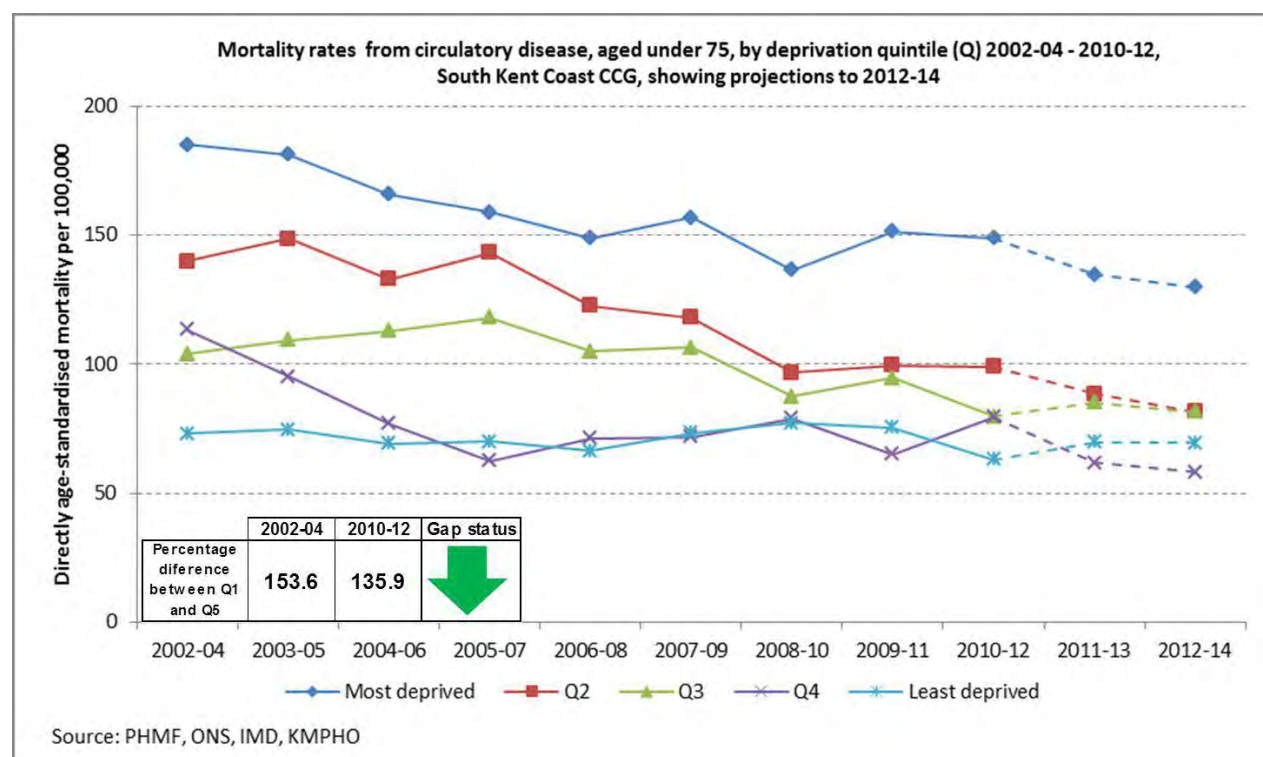


Figure 6 – Aged under 75



# Mortality from respiratory disease, 2002-04 – 2010-12, by deprivation status, South Kent Coast CCG

Figure 7 – All ages

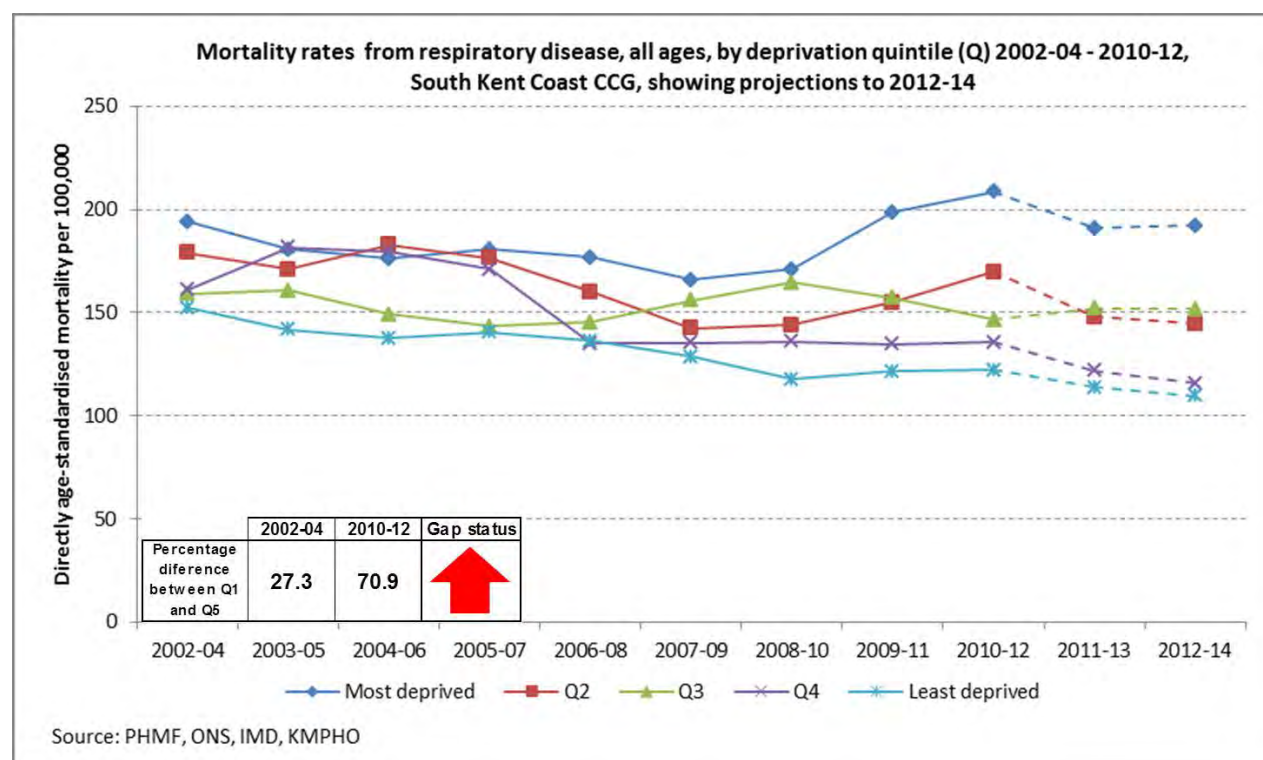
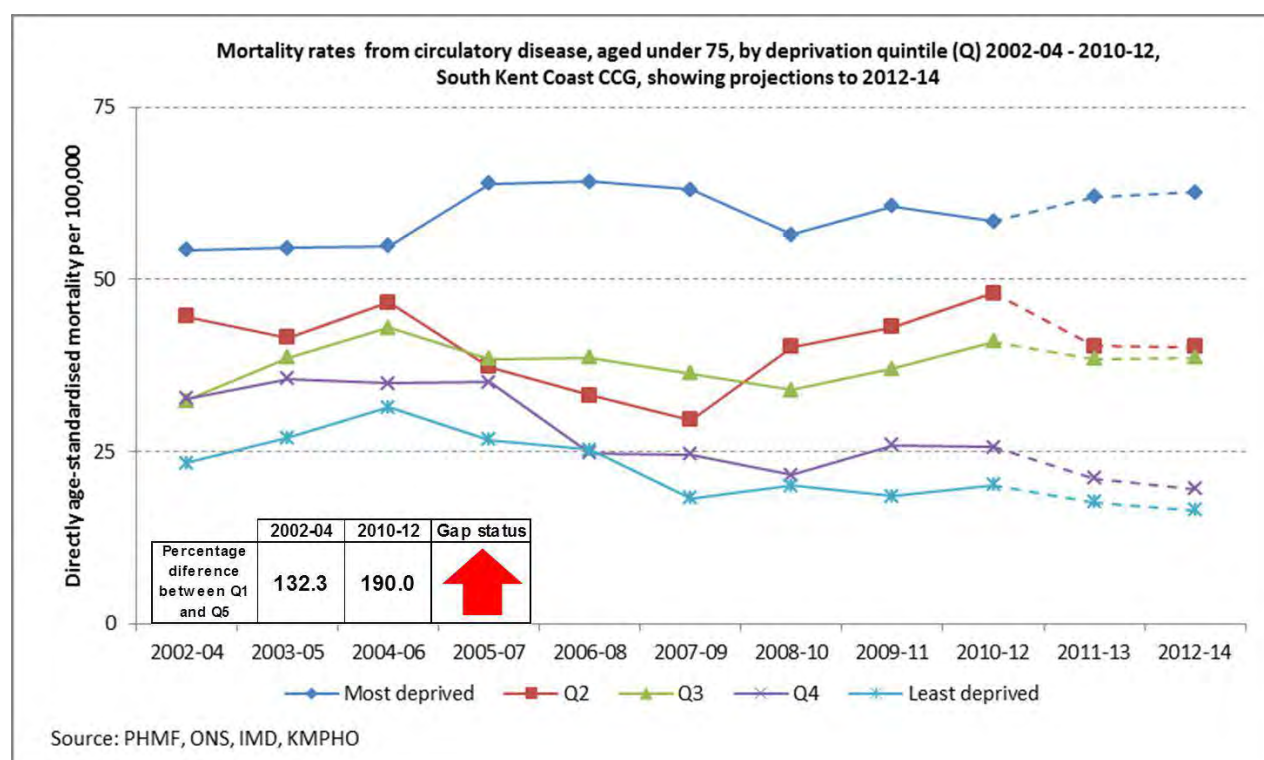


Figure 8 – Aged under 75





# Mortality from all other causes, 2002-04 – 2010-12, by deprivation status, South Kent Coast CCG

Figure 9 – All ages

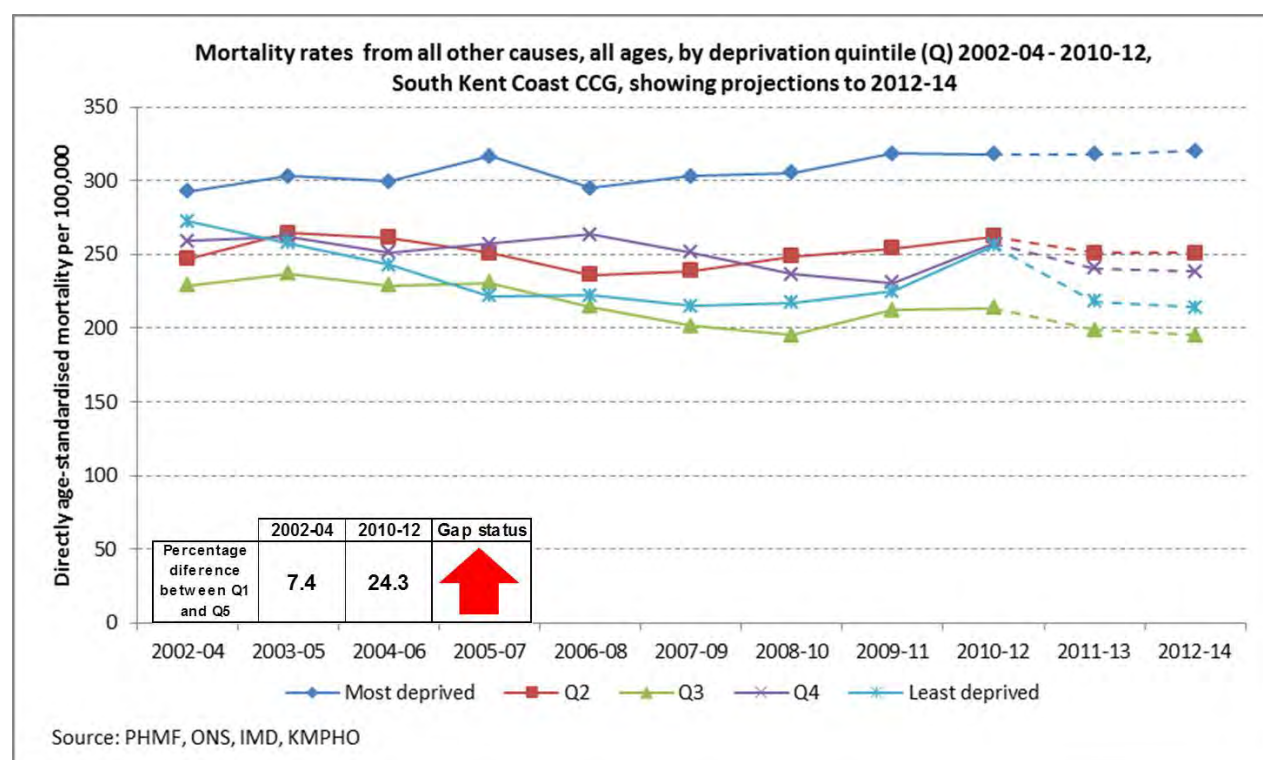
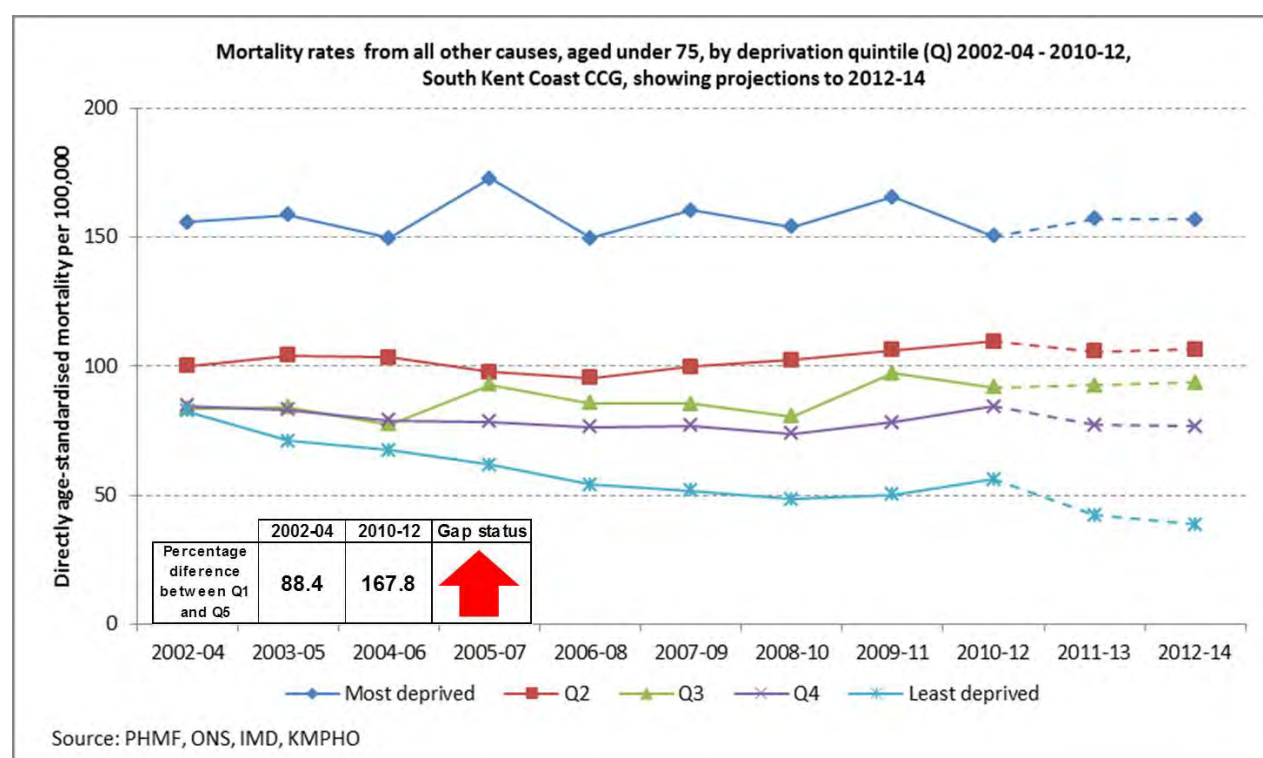


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## Swale CCG

Chart 1: Local deprivation status for electoral wards in Swale CCG

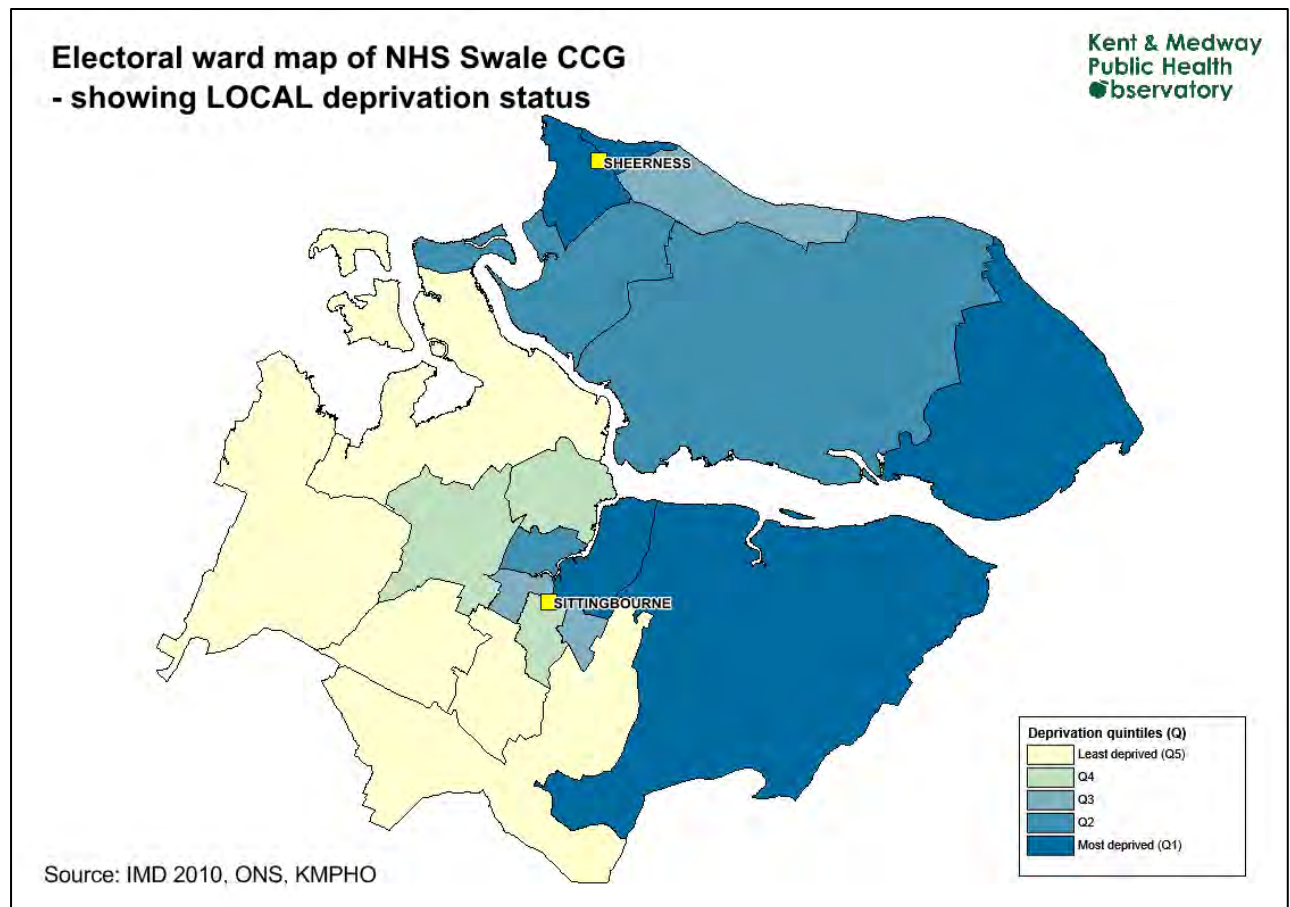


Table 1: Summary for progress in mortality rates, 2002-04 – 2010-12, comparing most deprived quintile with least deprived, by clinical commissioning group (CCG), various disease categories

Gap between most deprived and least deprived increasing
 Gap between most deprived and least deprived falling
 Gap between most deprived and least deprived unchanged

CCG	Cancer		Circulatory disease		Respiratory disease		All other diseases		All causes	
	75+	All ages	75+	All ages	75+	All ages	75+	All ages	75+	All ages
Ashford	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓
C4	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
DGS	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
SKC	↑	↓	↓	↓	↑	↓	↑	↑	↑	↑
Swale	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Thanet	↔	↔	↑	↑	↔	↓	↓	↓	↑	↑
West Kent	↔	↑	↔	↑	↓	↑	↑	↑	↑	↑
Kent	↑	↑	↔	↑	↑	↑	↑	↑	↑	↑

Mortality from all causes, 2002-04 – 2010-12, by deprivation status, Swale CCG

Figure 1 – All ages

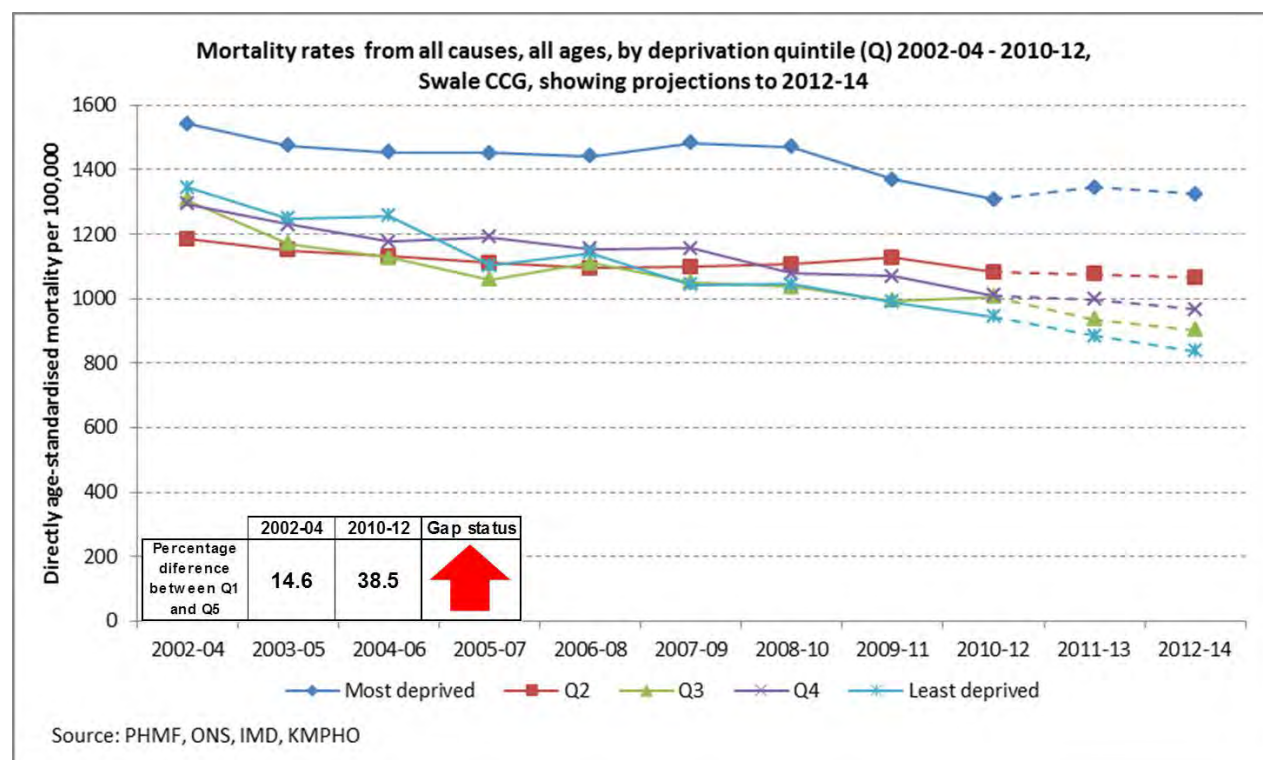
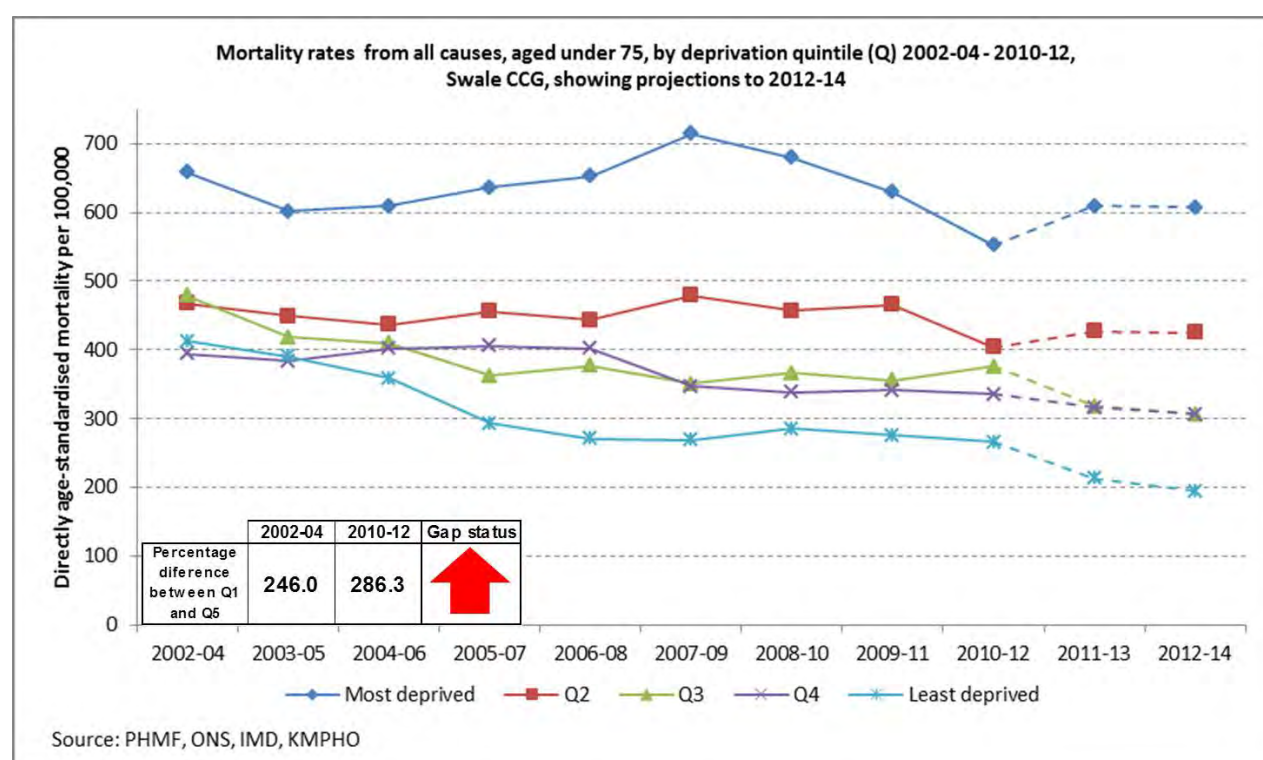


Figure 2 – Aged under 75





# Mortality from cancer, 2002-04 – 2010-12, by deprivation status, Swale CCG

Figure 3 – All ages

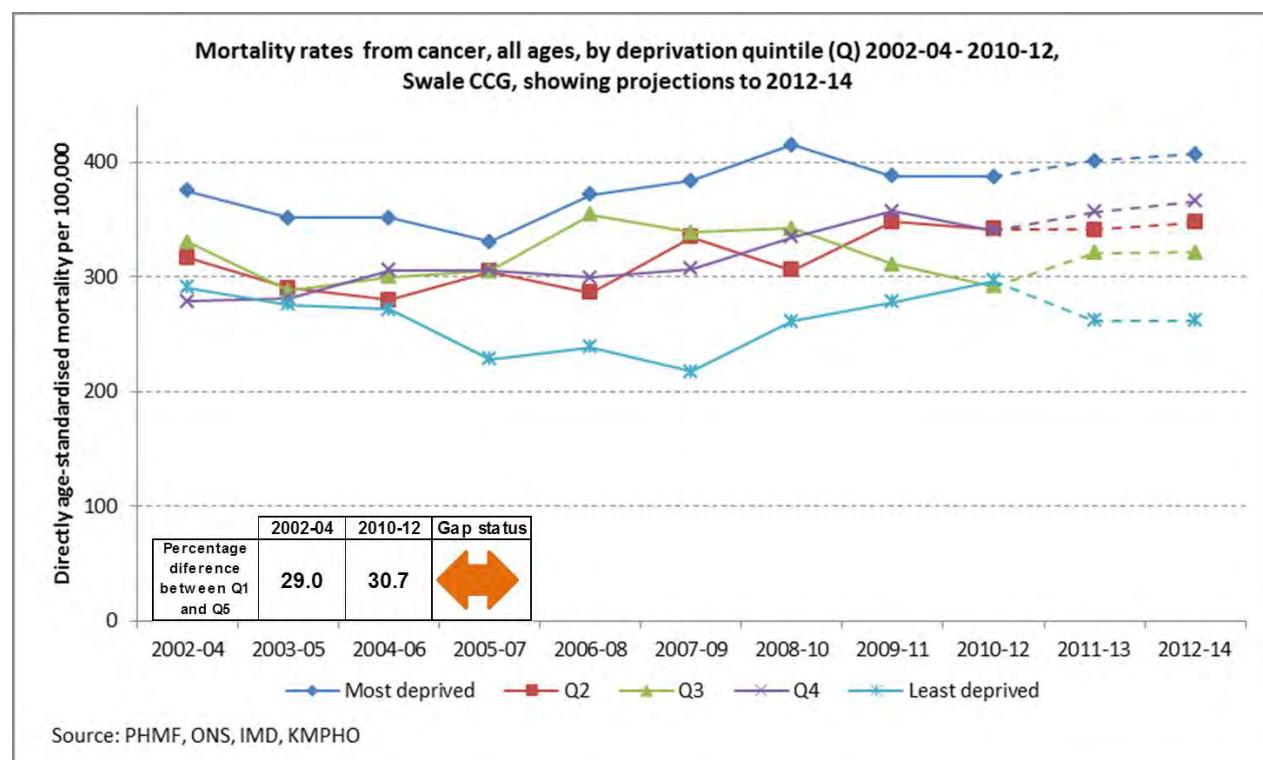


Figure 4 – Aged under 75

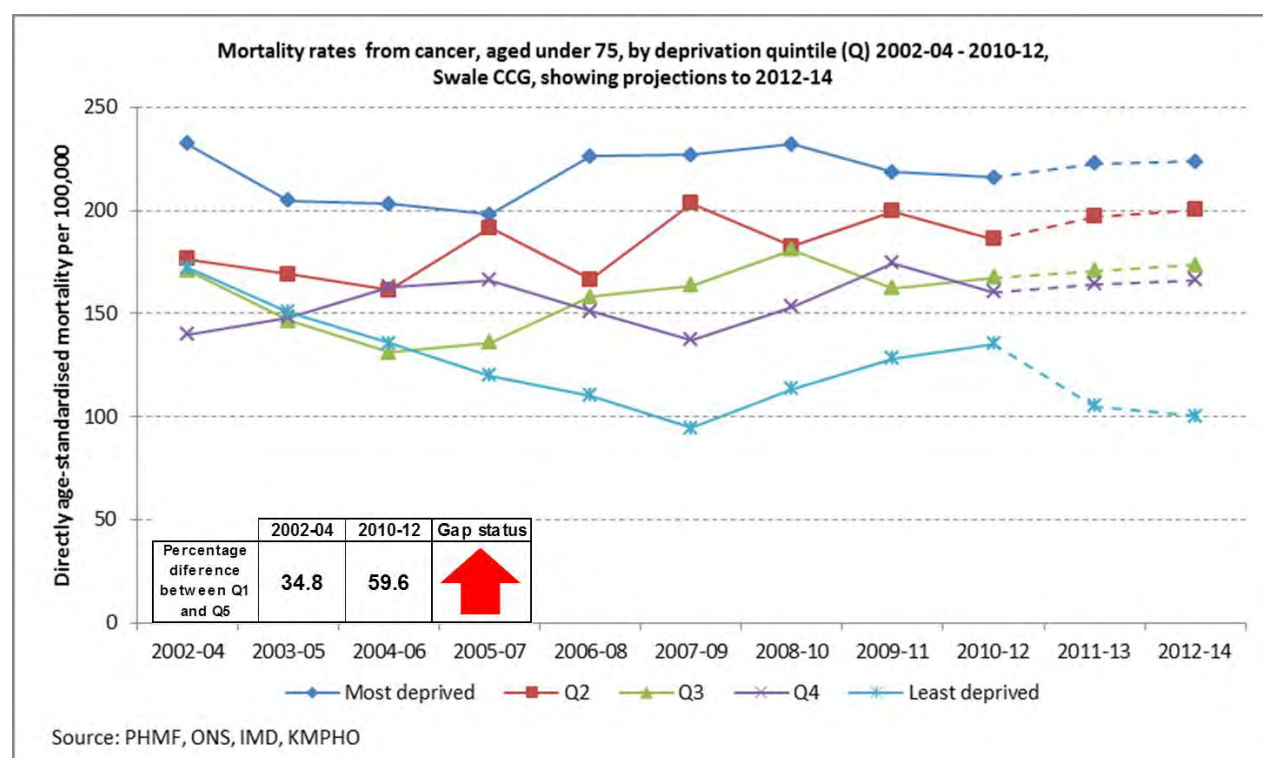


Figure 5 – All ages

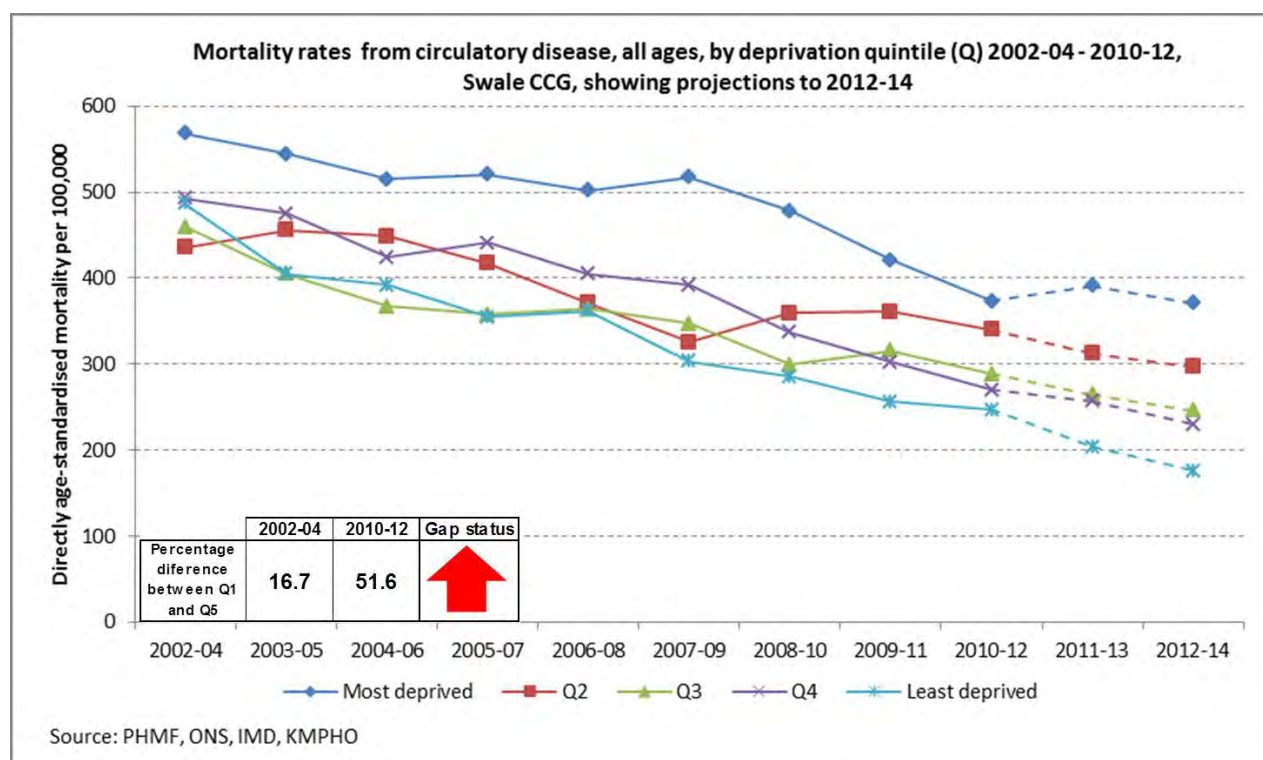
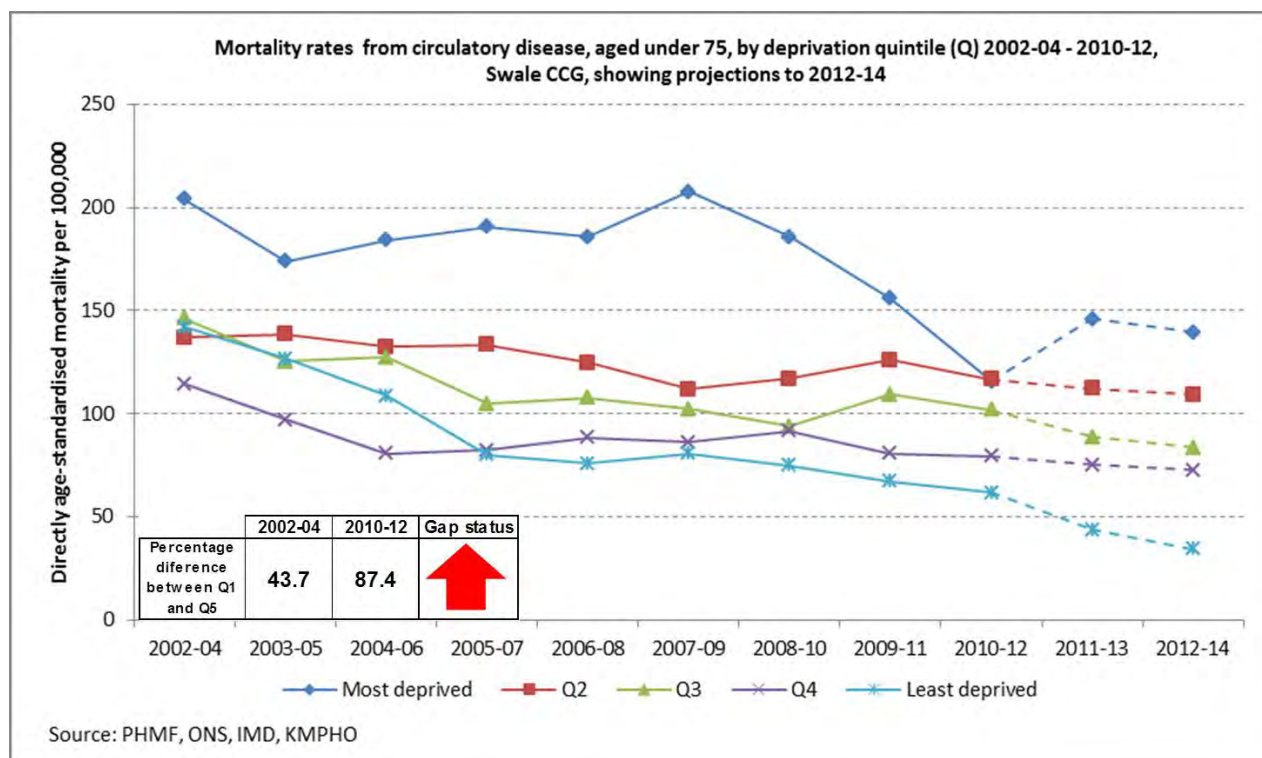


Figure 6 – Aged under 75



Mortality from respiratory disease, 2002-04 – 2010-12, by deprivation status, Swale CCG

Figure 7 – All ages

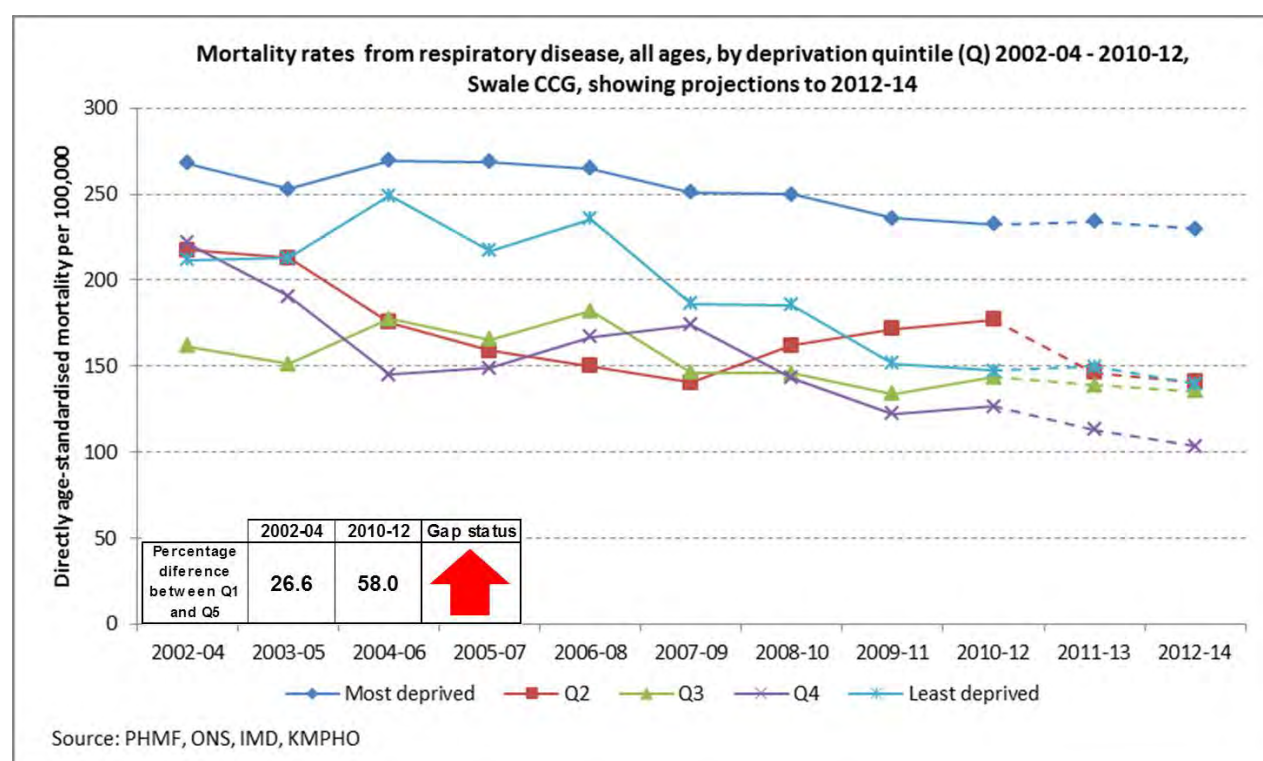
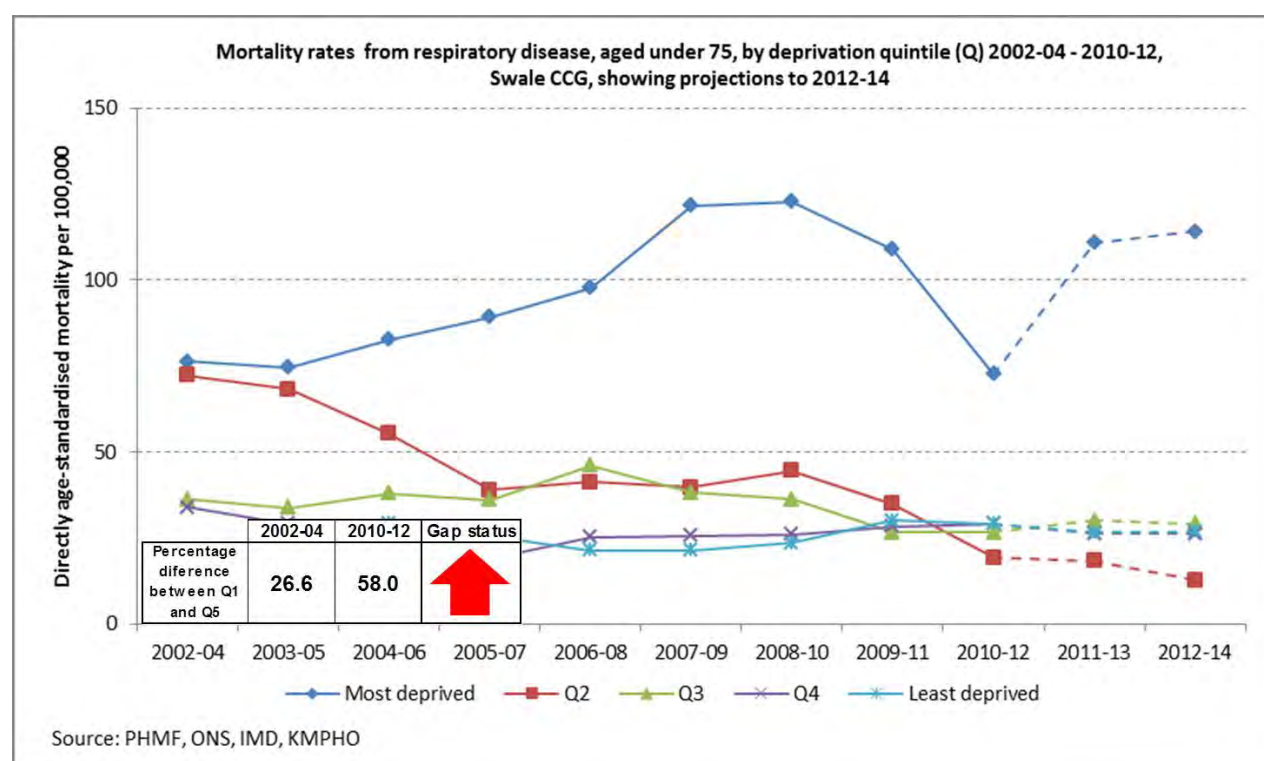


Figure 8 – Aged under 75





Mortality from all other causes, 2002-04 – 2010-12, by deprivation status, Swale CCG

Figure 9 – All ages

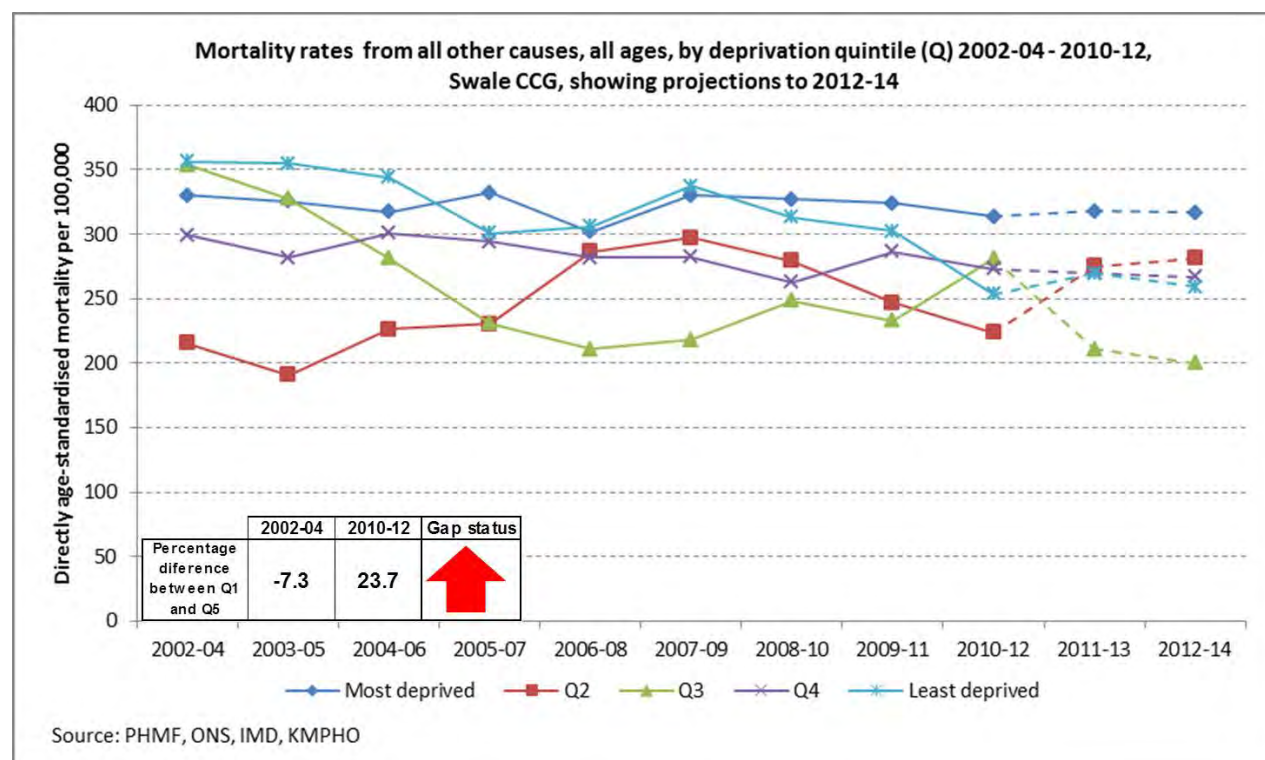
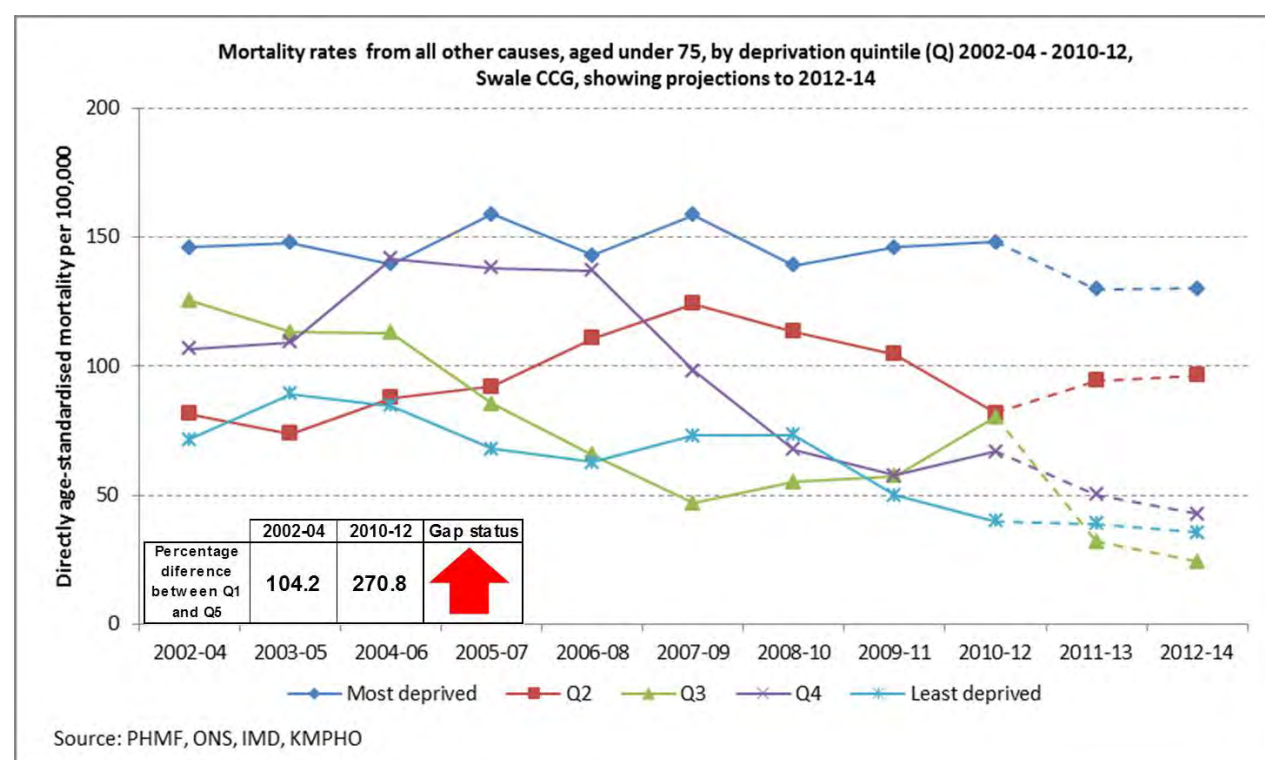


Figure 10 – Aged under 75



## Thanet CCG

Chart 1: Local deprivation status for electoral wards in Thanet CCG

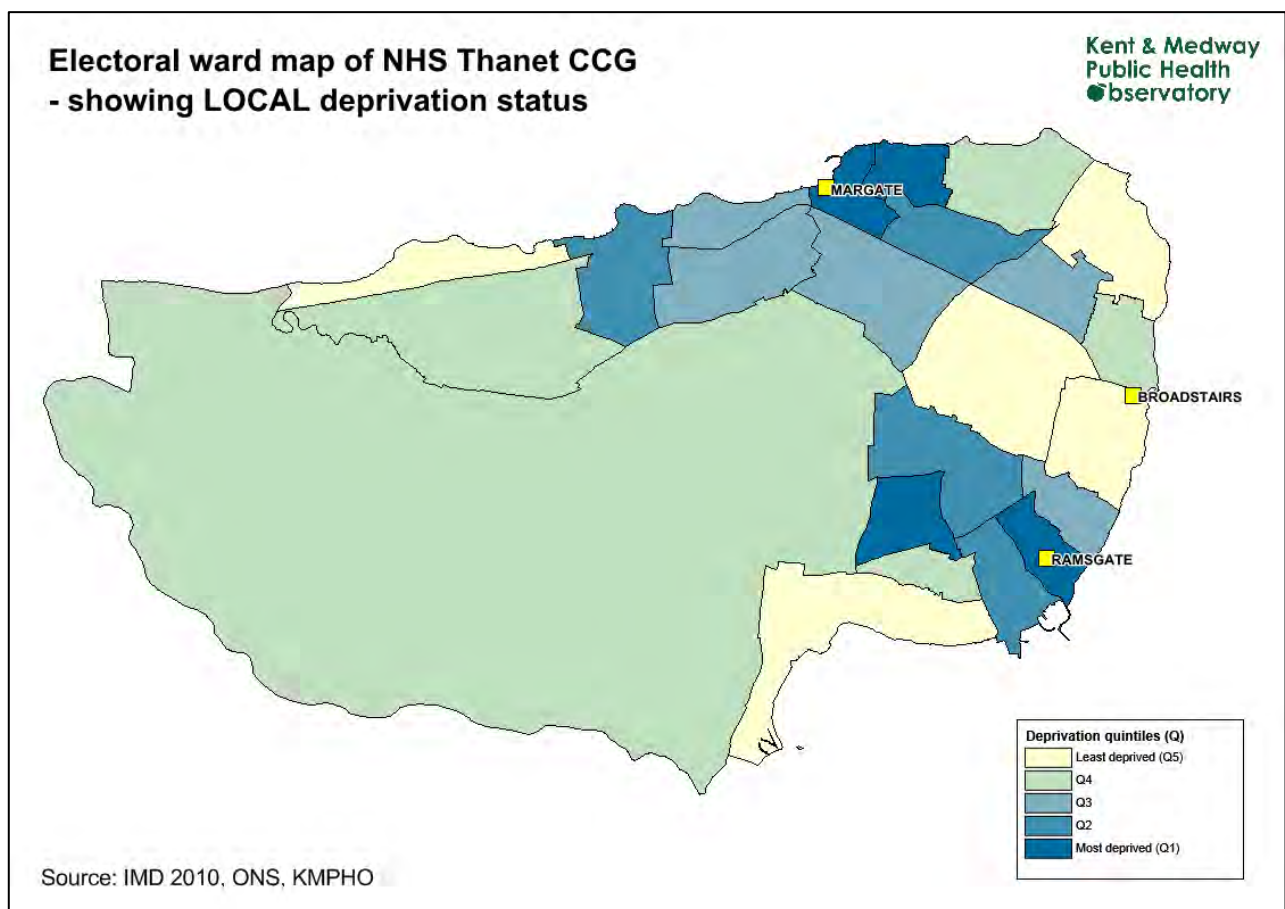


Table 1: Summary for progress in mortality rates, 2002-04 – 2010-12, comparing most deprived quintile with least deprived, by clinical commissioning group (CCG), various disease categories

↑ Gap between most deprived and least deprived increasing
 ↓ Gap between most deprived and least deprived falling
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CCG	Cancer		Circulatory disease		Respiratory disease		All other diseases		All causes	
	75+	All ages	75+	All ages	75+	All ages	75+	All ages	75+	All ages
Ashford	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓
C4	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
DGS	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
SKC	↑	↓	↓	↓	↑	↓	↑	↑	↑	↑
Swale	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Thanet	↔	↔	↑	↑	↔	↓	↓	↓	↑	↑
West Kent	↔	↑	↔	↑	↓	↑	↑	↑	↑	↑
Kent	↑	↑	↔	↑	↑	↑	↑	↑	↑	↑

# Mortality from all causes, 2002-04 – 2010-12, by deprivation status, Thanet CCG

Figure 1 – All ages

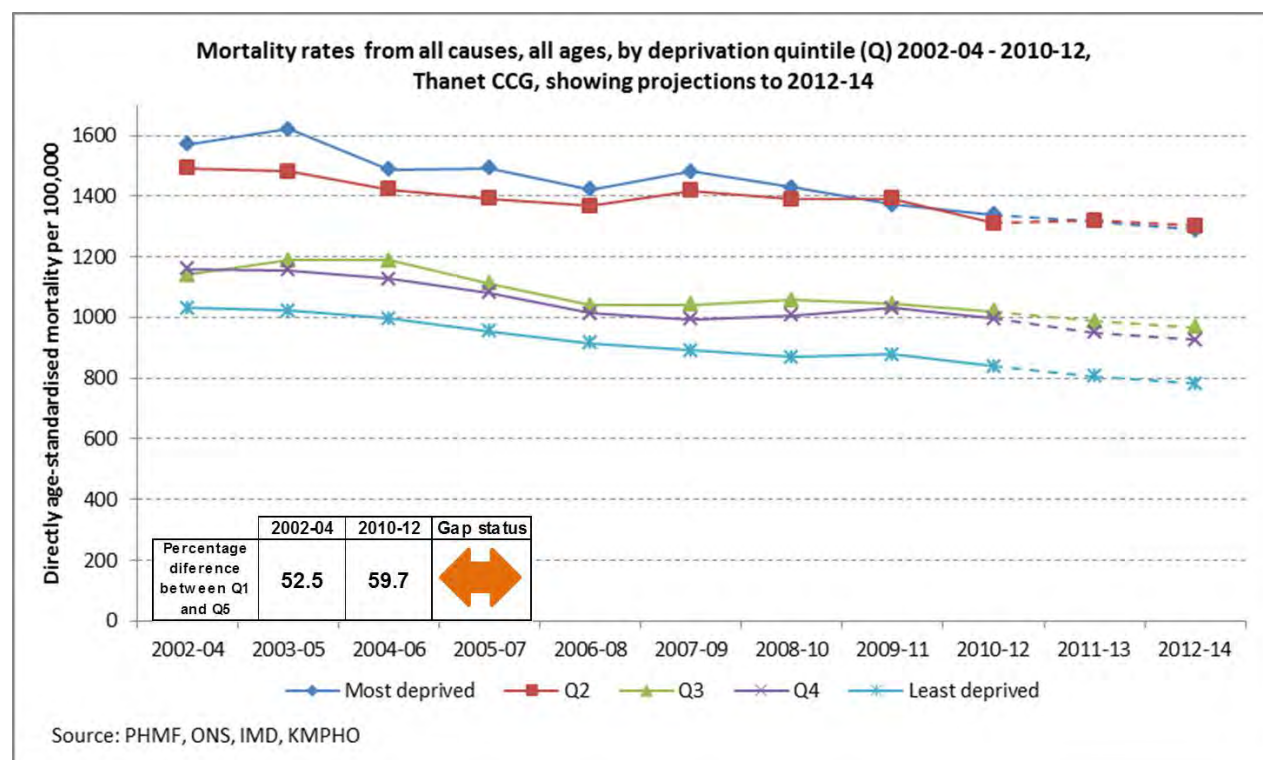
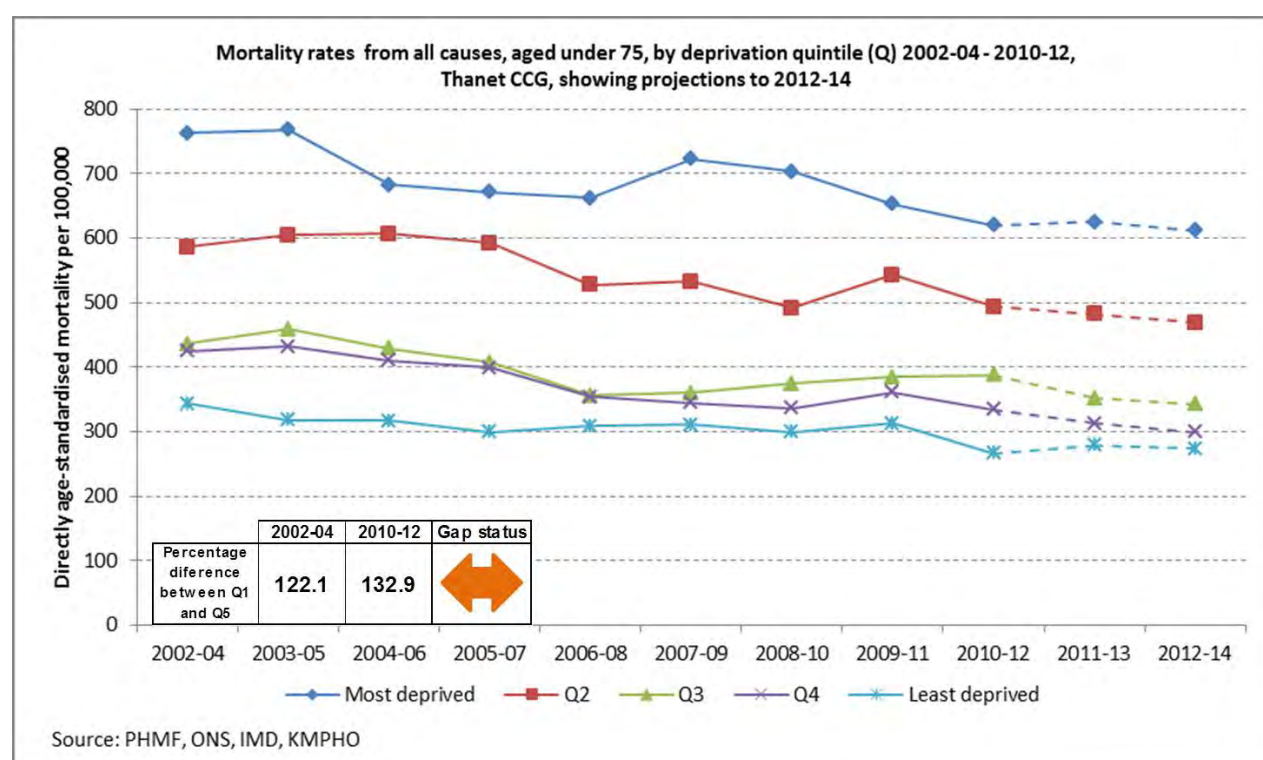


Figure 2 – Aged under 75





Mortality from cancer, 2002-04 – 2010-12, by deprivation status, Thanet CCG

Figure 3 – All ages

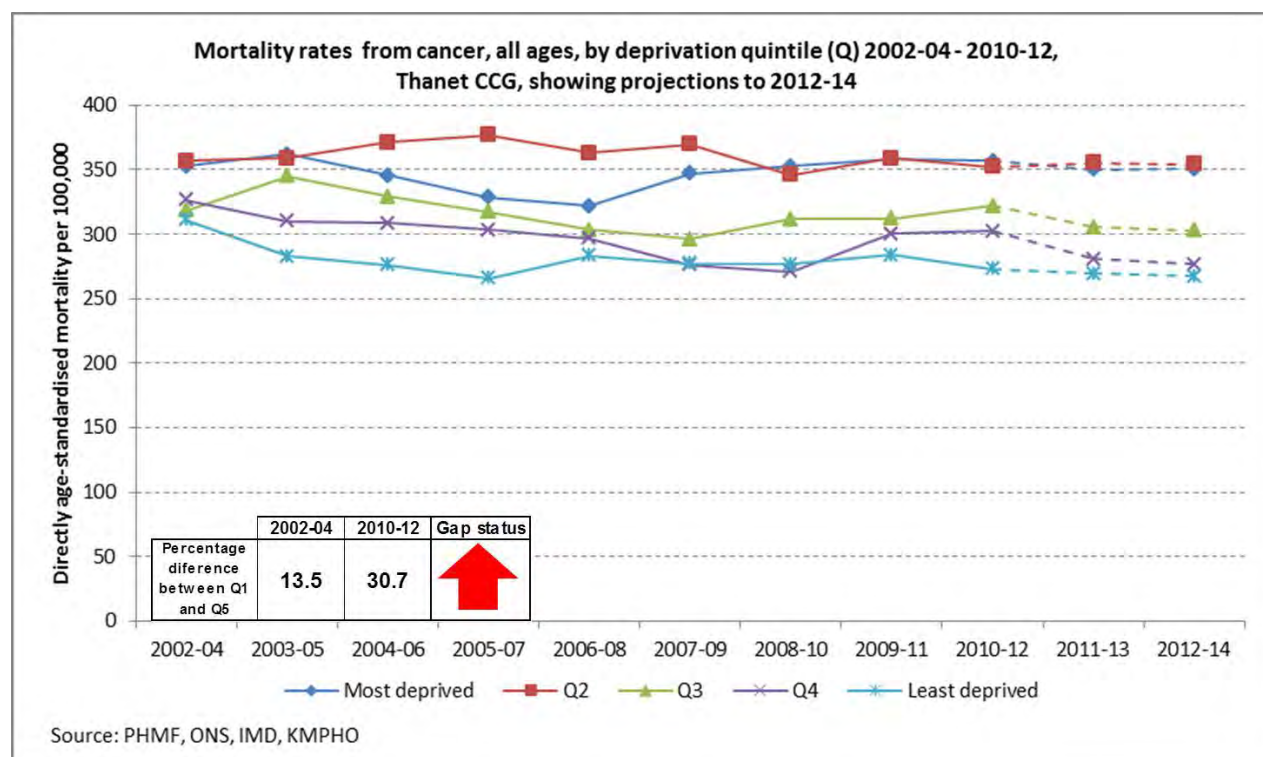


Figure 4 – Aged under 75

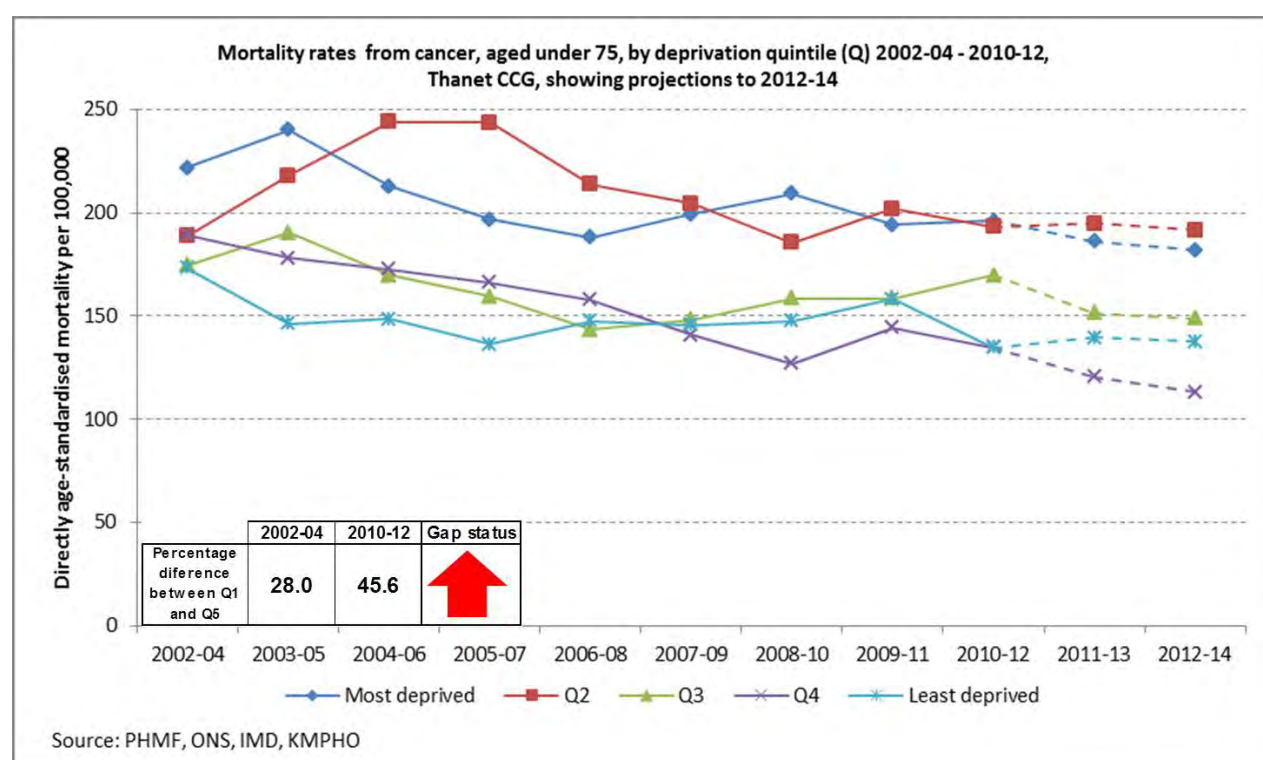


Figure 5 – All ages

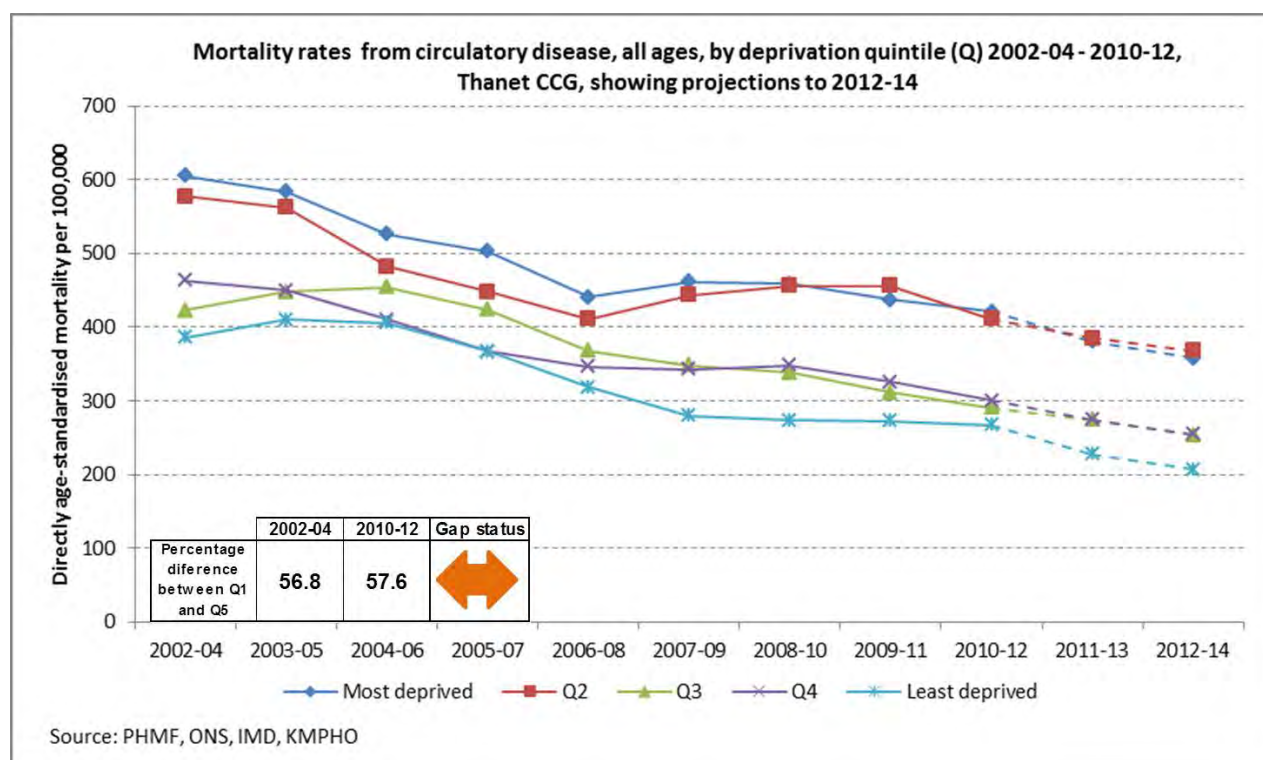
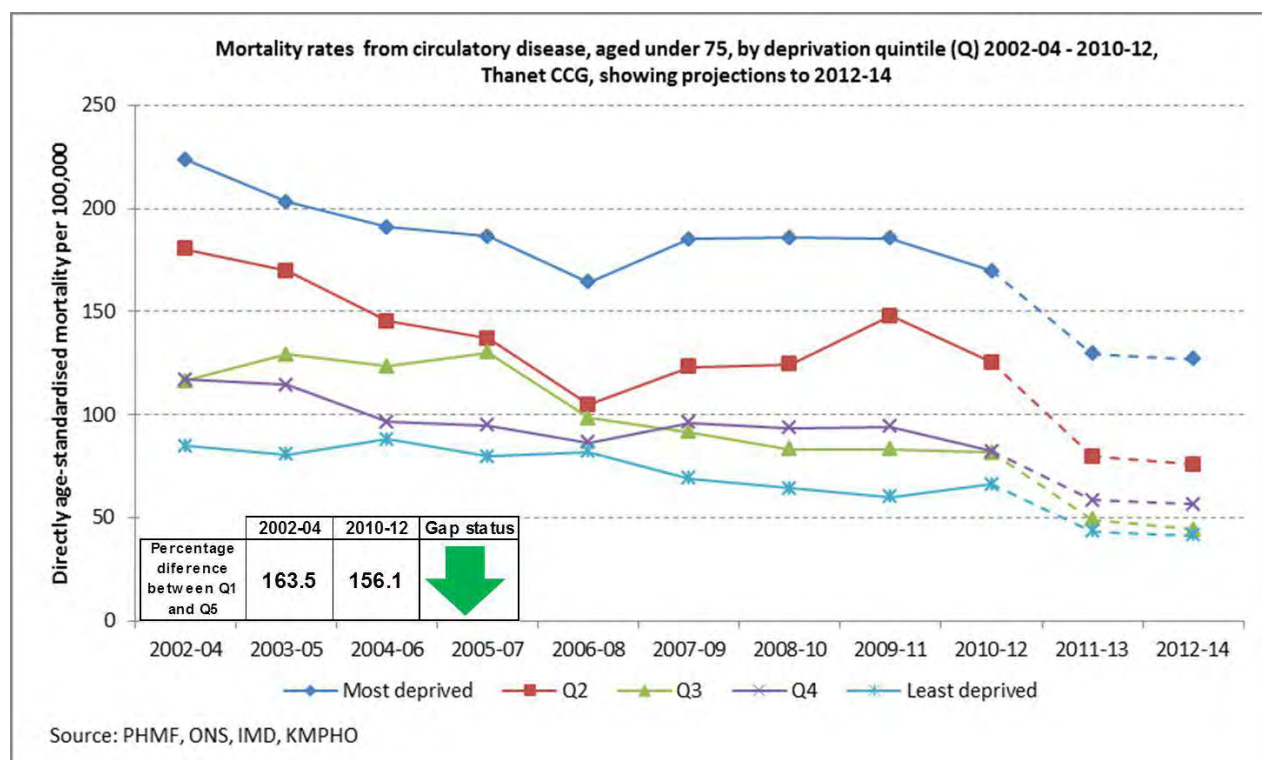


Figure 6 – Aged under 75



Mortality from respiratory disease, 2002-04 – 2010-12, by deprivation status, Thanet CCG

Figure 7 – All ages

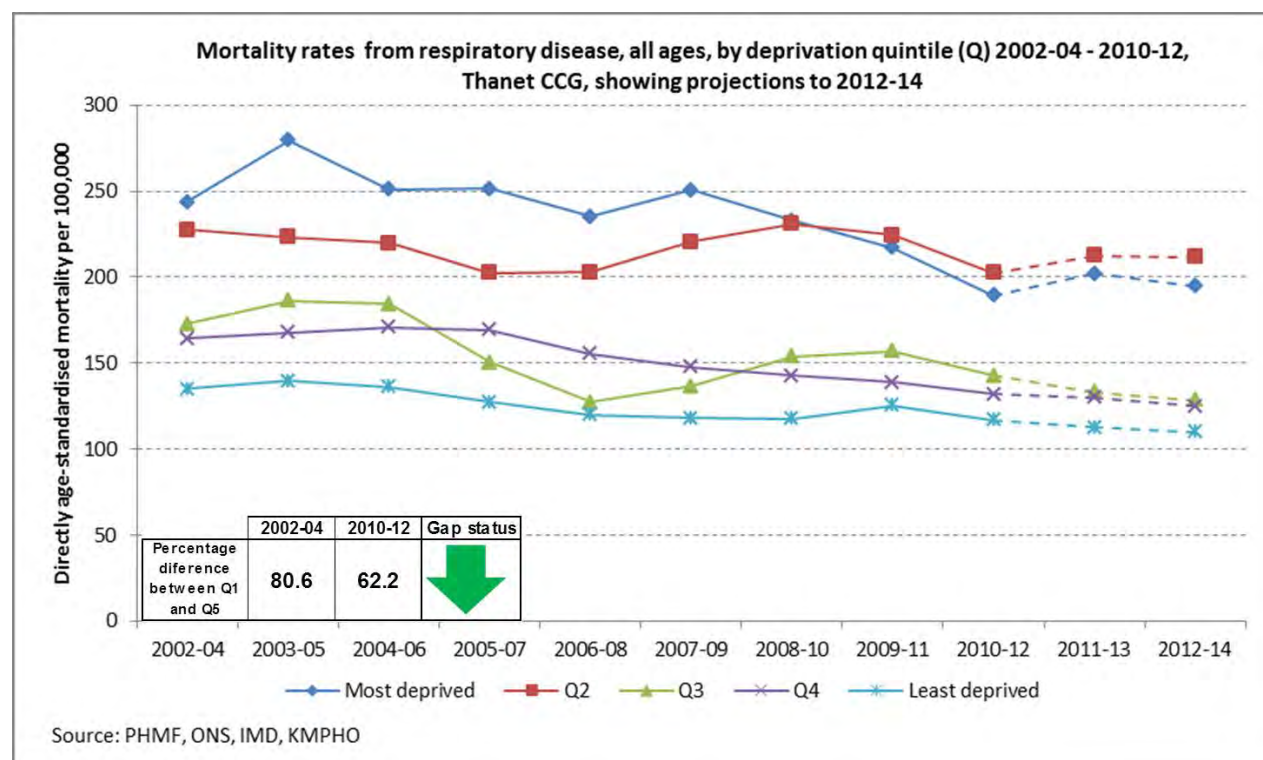
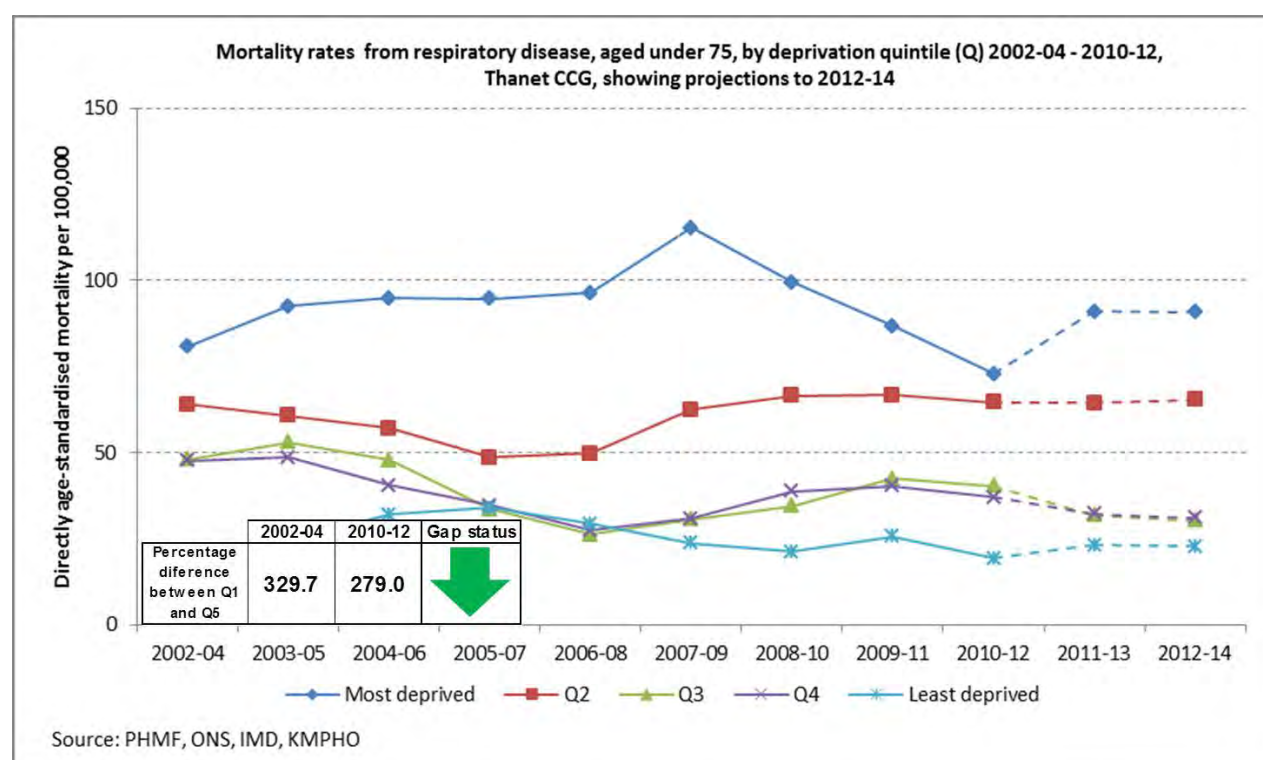


Figure 8 – Aged under 75





Mortality from all other causes, 2002-04 – 2010-12, by deprivation status, Thanet CCG

Figure 9 – All ages

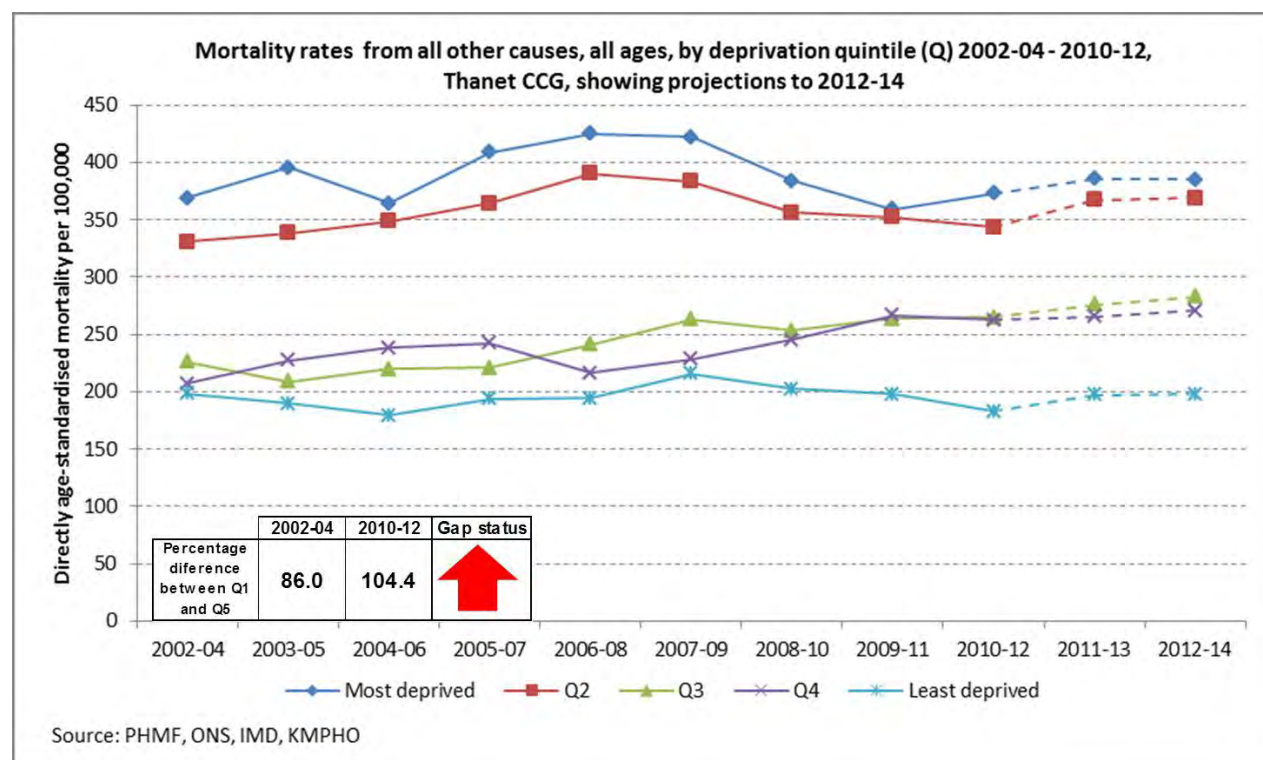
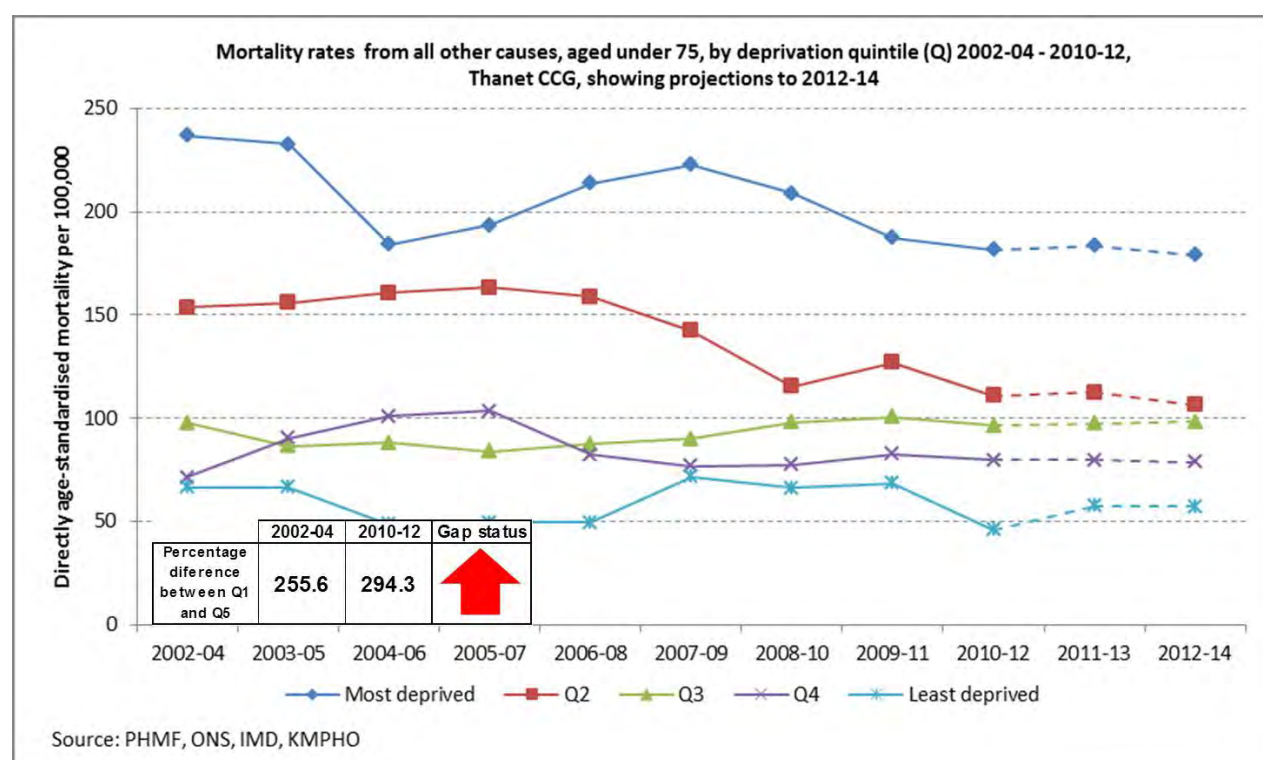


Figure 10 – Aged under 75



## West Kent CCG

Chart 1: Local deprivation status for electoral wards in West Kent CCG

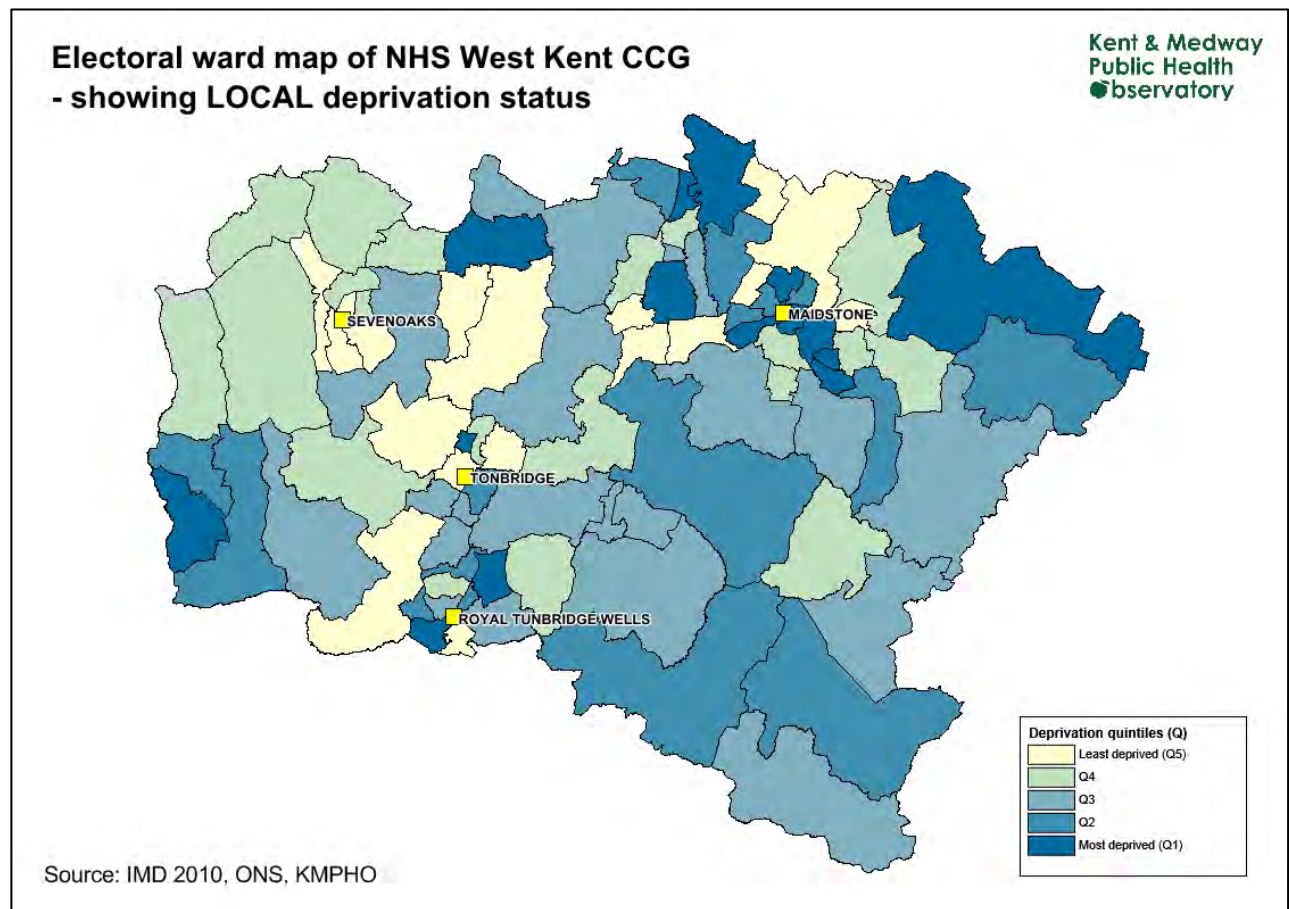


Table 1: Summary for progress in mortality rates, 2002-04 – 2010-12, comparing most deprived quintile with least deprived, by clinical commissioning group (CCG), various disease categories

Gap between most deprived and least deprived increasing
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CCG	Cancer		Circulatory disease		Respiratory disease		All other diseases		All causes	
	75+	All ages	75+	All ages	75+	All ages	75+	All ages	75+	All ages
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C4	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
DGS	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
SKC	↑	↓	↓	↓	↑	↓	↑	↑	↑	↑
Swale	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Thanet	↔	↔	↑	↑	↔	↓	↓	↓	↑	↑
West Kent	↔	↑	↔	↑	↓	↑	↑	↑	↑	↑
Kent	↑	↑	↔	↑	↑	↑	↑	↑	↑	↑

Mortality from all causes, 2002-04 – 2010-12, by deprivation status, West Kent CCG

Figure 1 – All ages

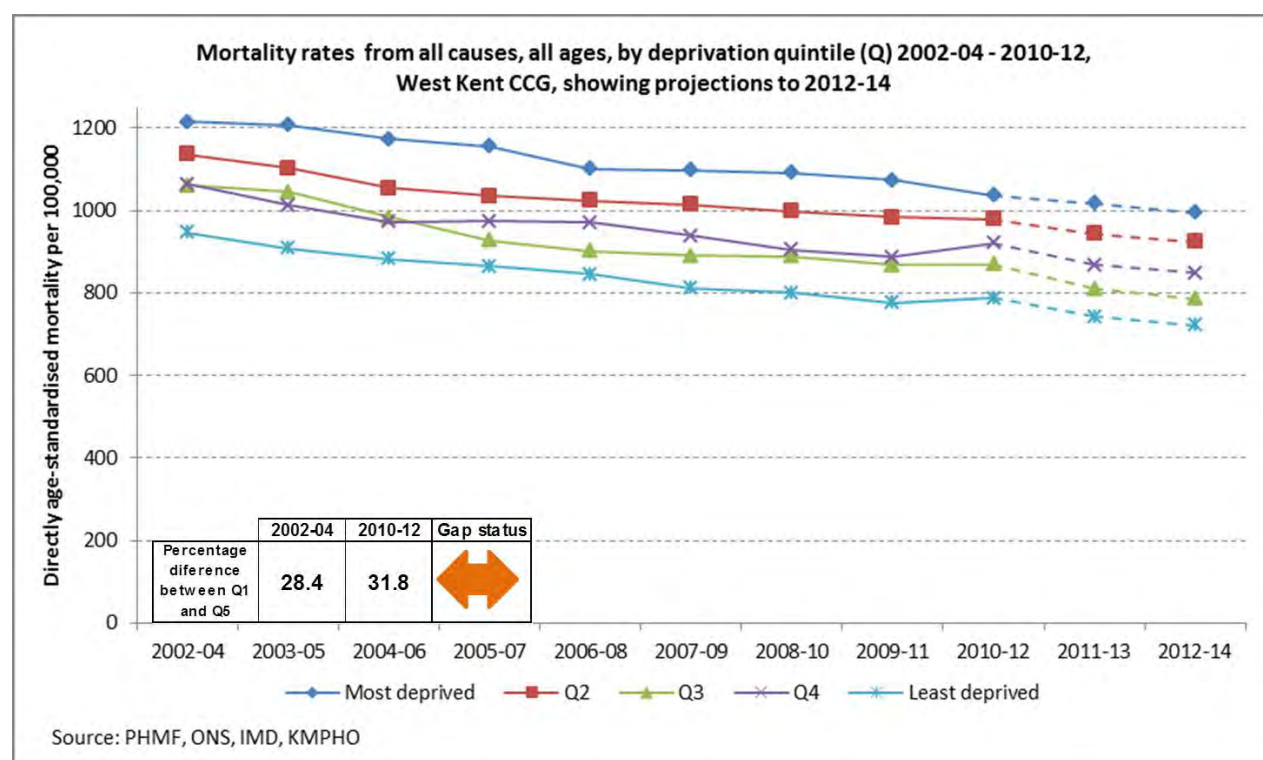
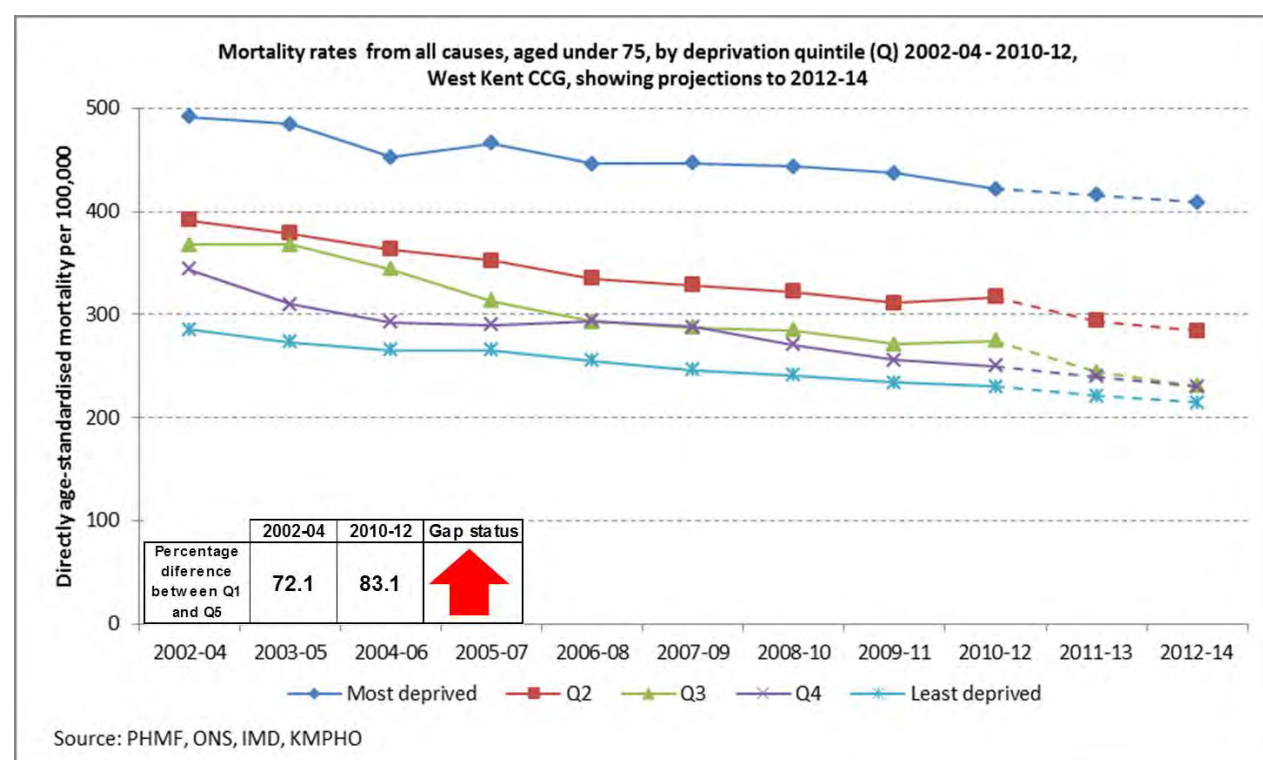


Figure 2 – Aged under 75





# Mortality from cancer, 2002-04 – 2010-12, by deprivation status, West Kent CCG

Figure 3 – All ages

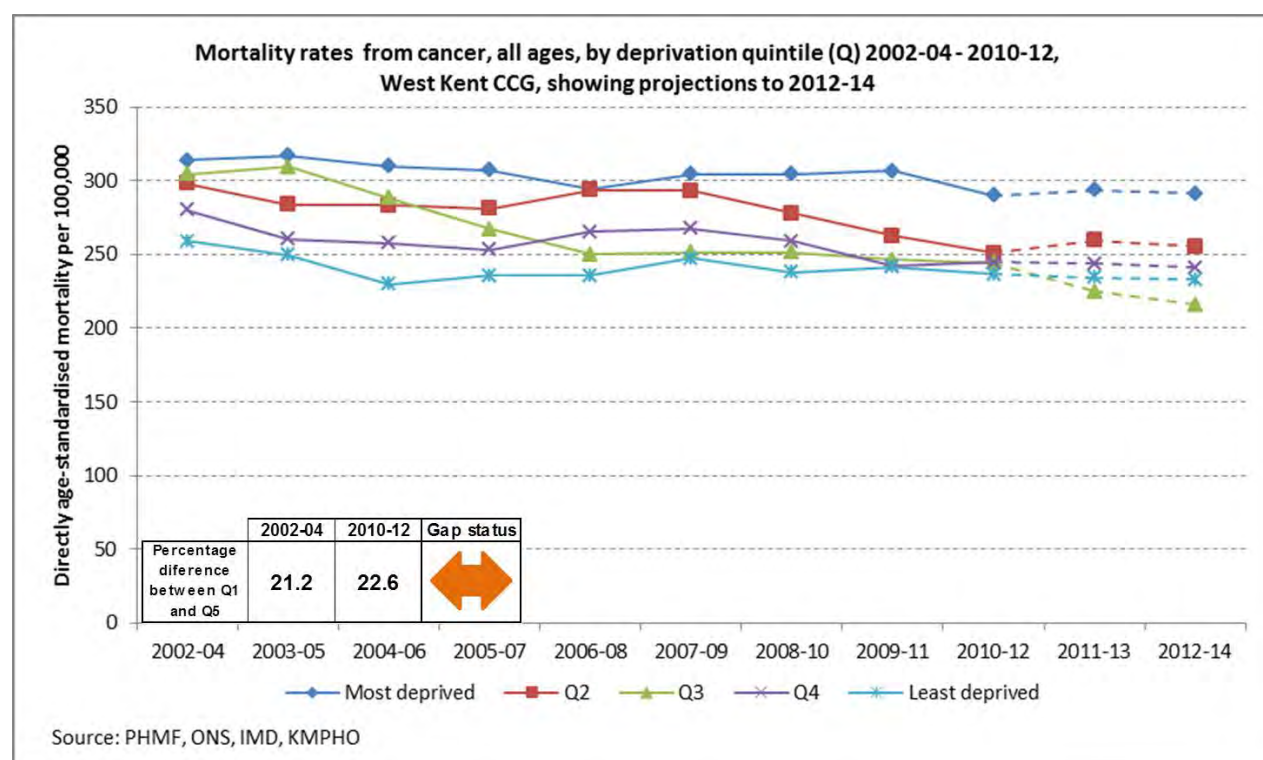
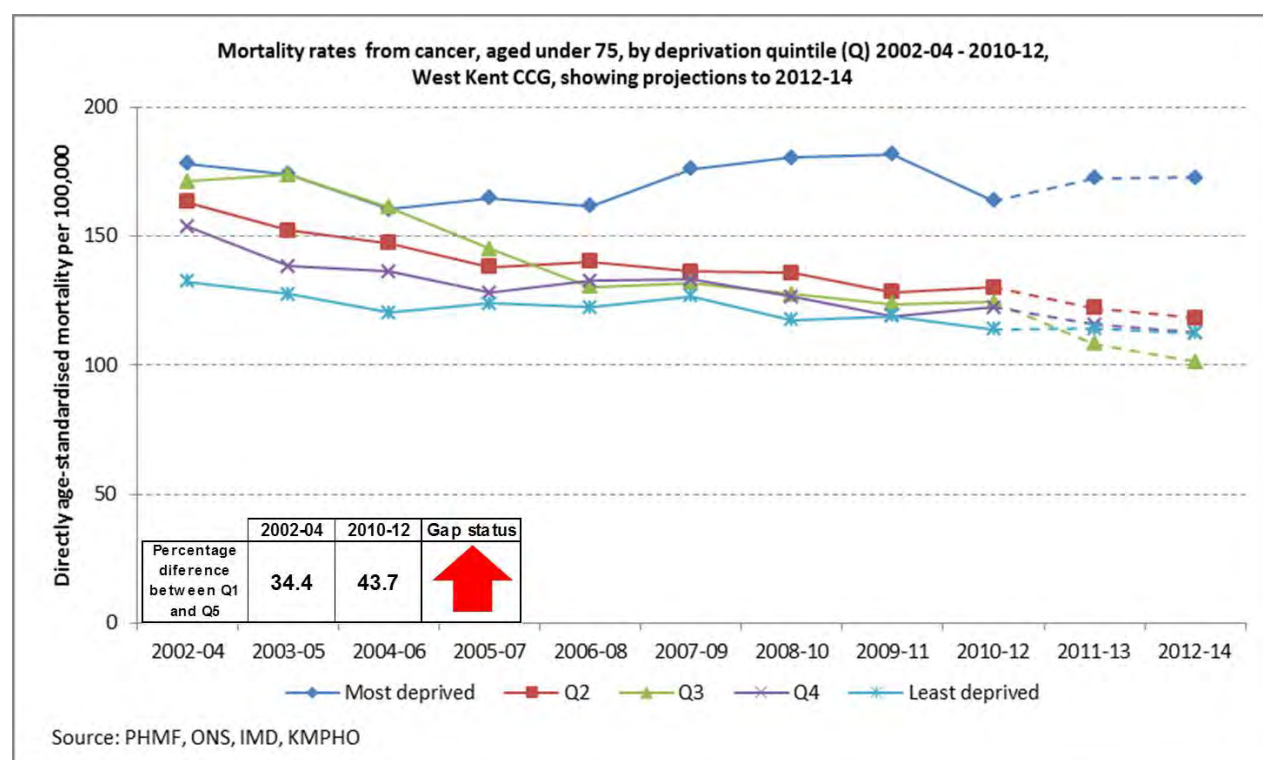


Figure 4 – Aged under 75



## Mortality from circulatory disease, 2002-04 – 2010-12, by deprivation status, West Kent CCG

Figure 5 – All ages

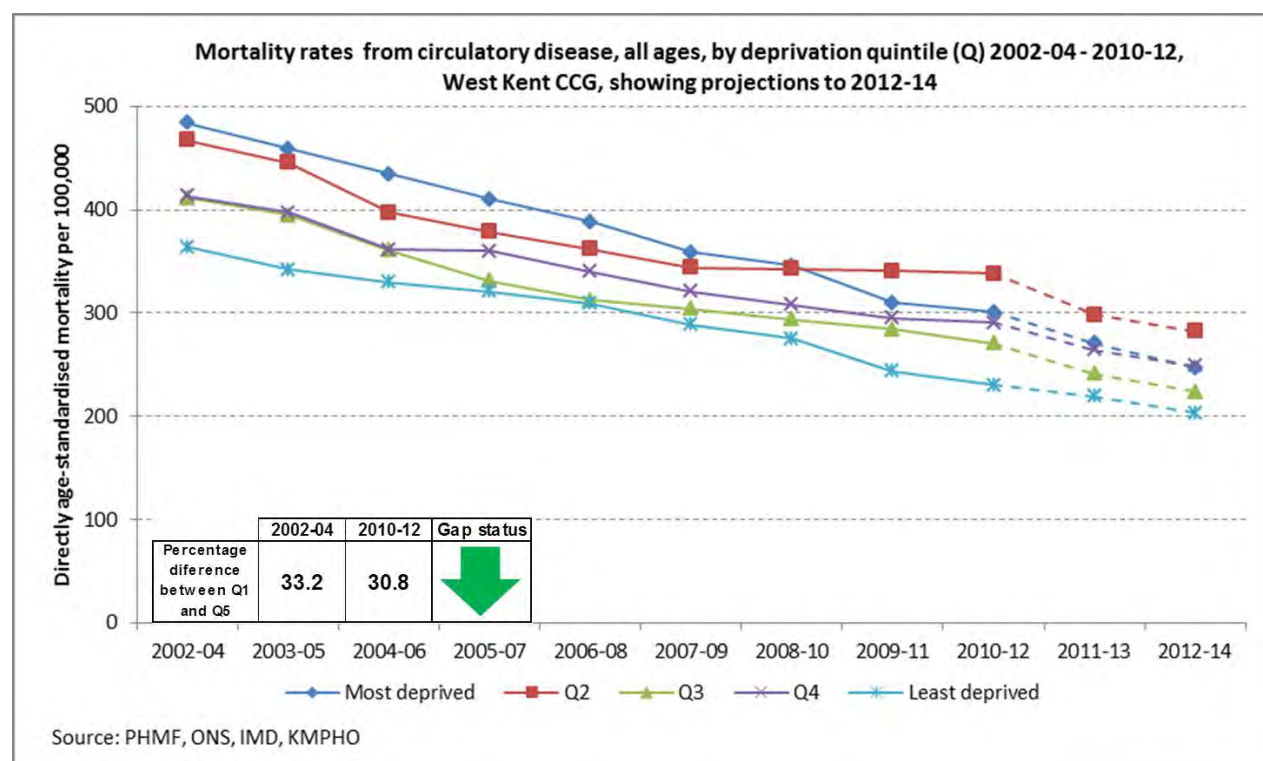
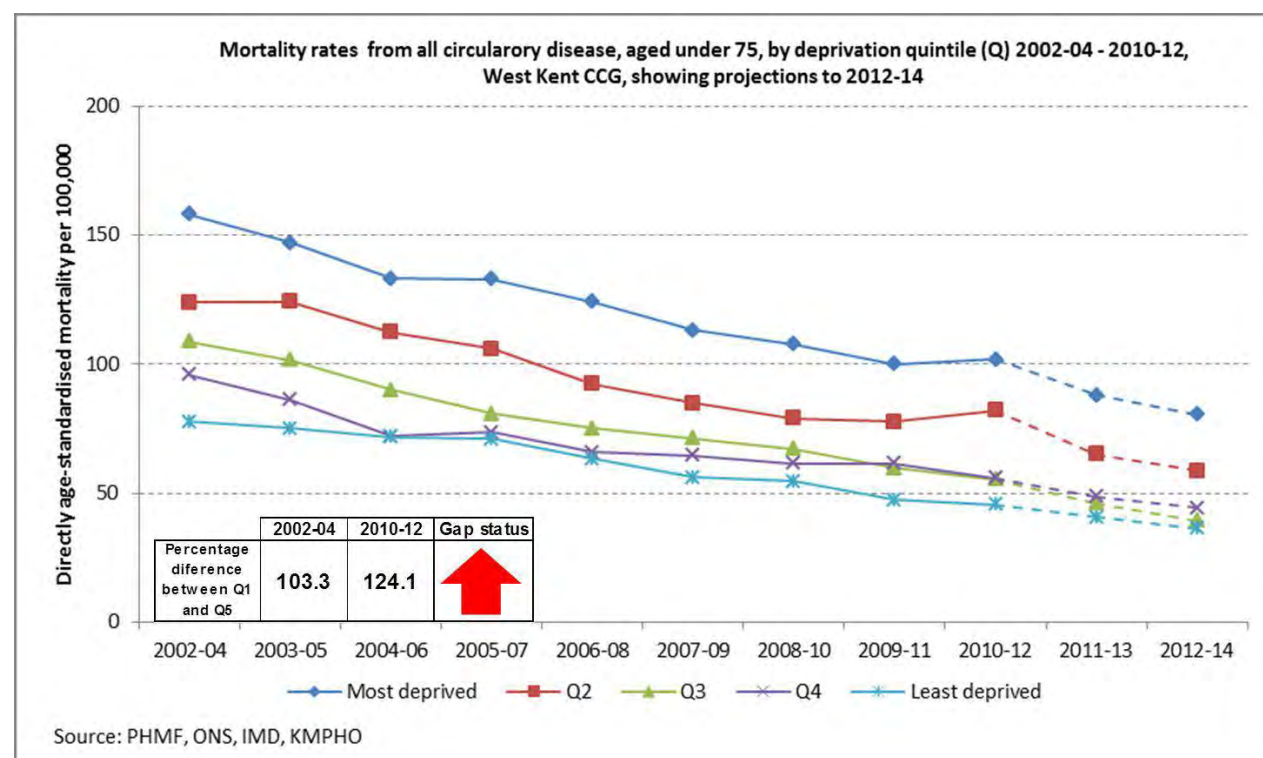


Figure 6 – Aged under 75



# Mortality from respiratory disease, 2002-04 – 2010-12, by deprivation status, West Kent CCG

Figure 7 – All ages

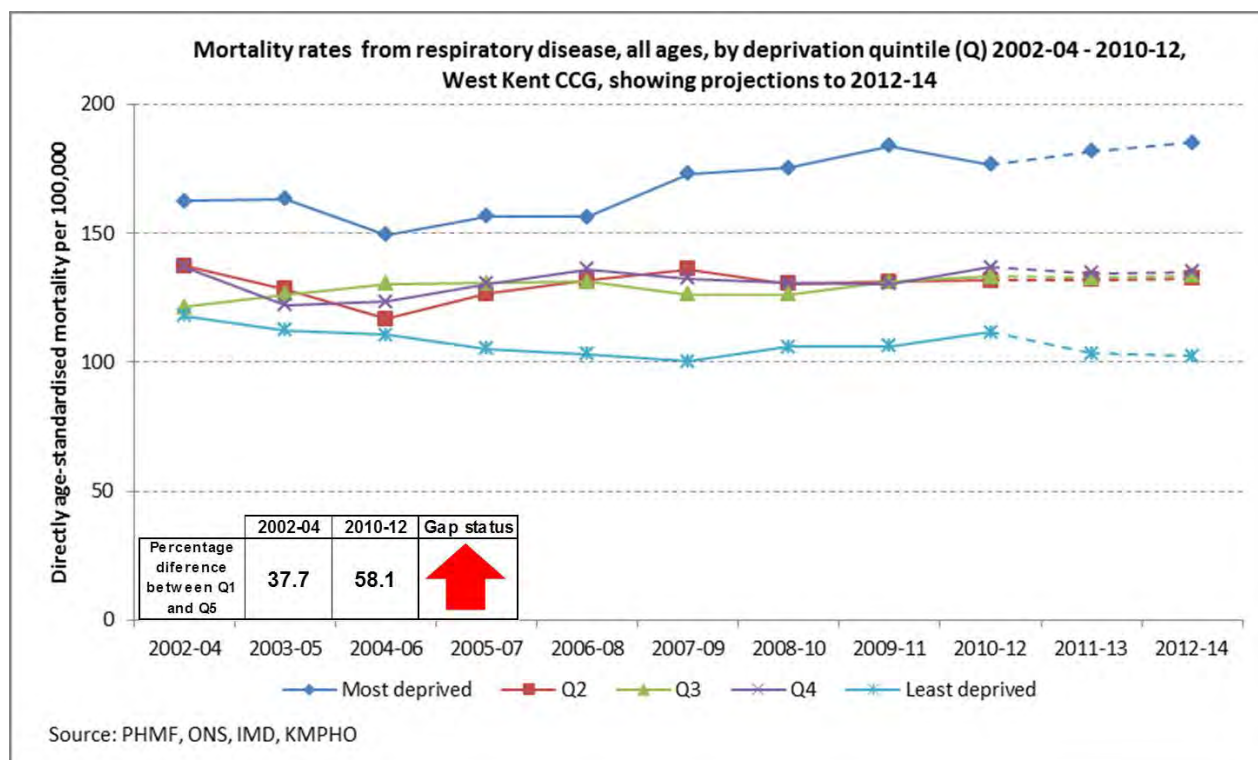
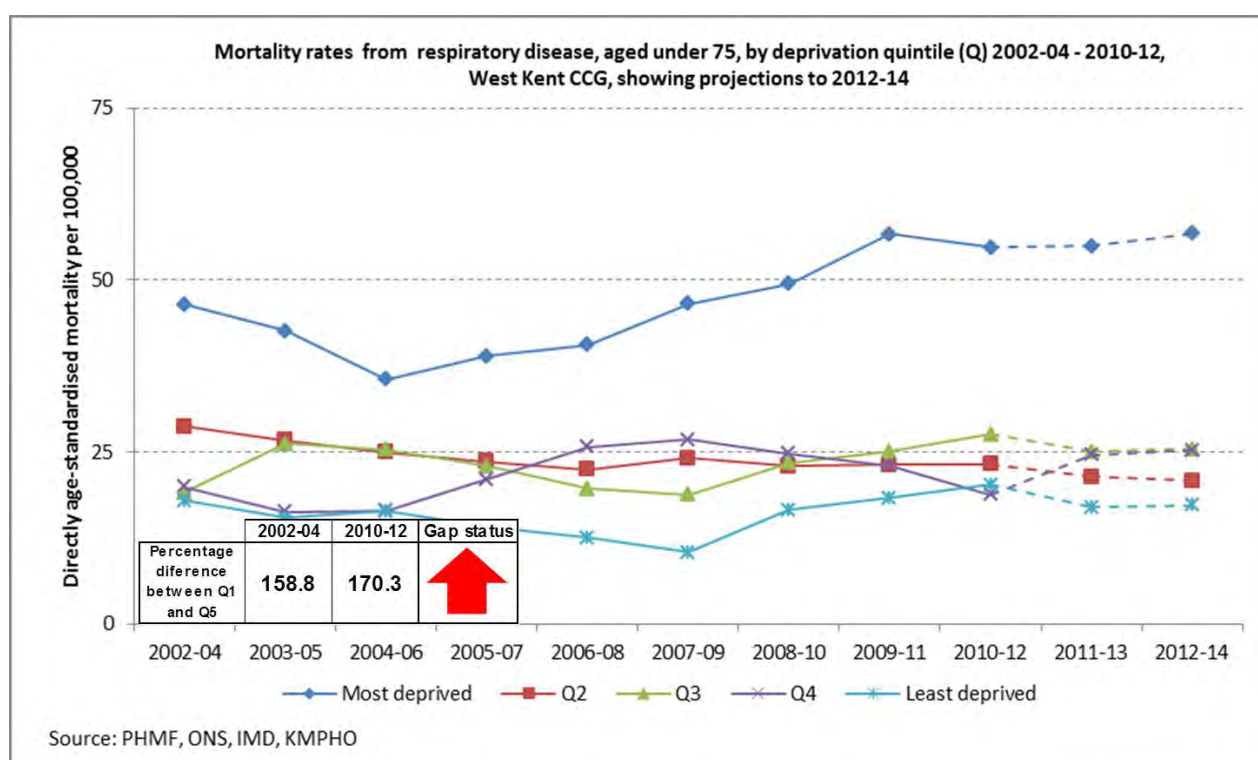


Figure 8 – Aged under 75





Mortality from all other causes, 2002-04 – 2010-12, by deprivation status, West Kent CCG

Figure 9 – All ages

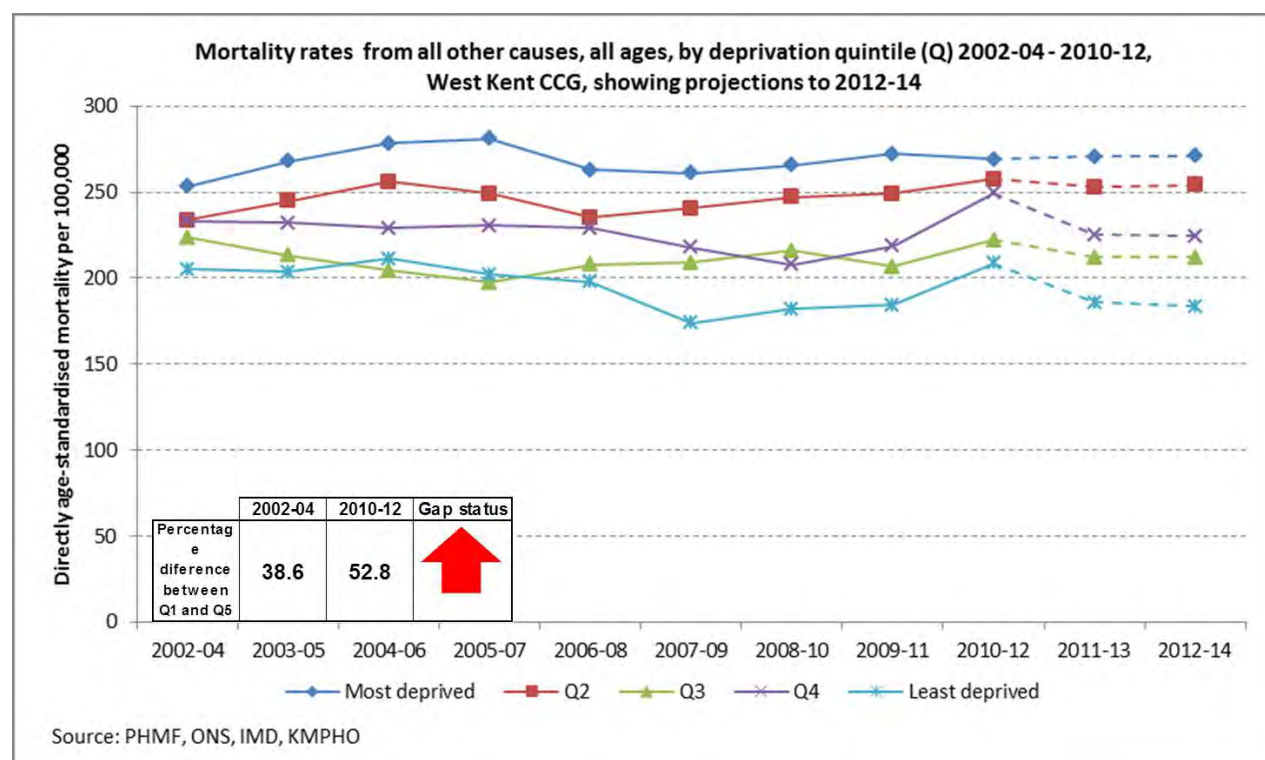


Figure 10 – Aged under 75

