NHS
Eastern and Coastal Kent

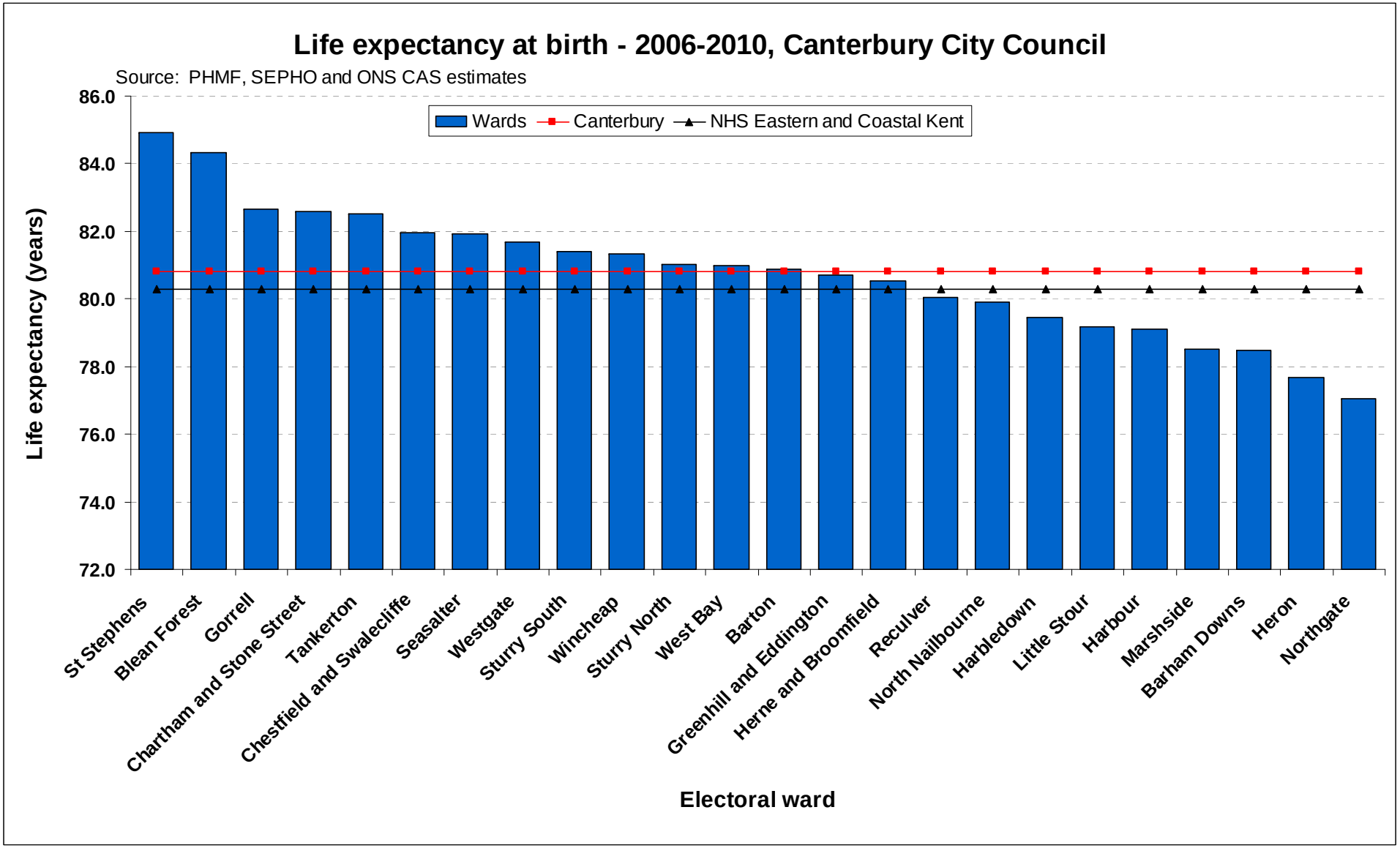
Health and Social Care Mapping

Key Killers - Canterbury

Contents

- Life expectancy
- All age all cause mortality
- Circulatory disease
- Cancer
- Respiratory
- Mortality from other causes
- Selected hospital admissions

Life expectancy


Life expectancy at birth - 2006-2010, Canterbury City Council
Source: PHMF, SEPHO and ONS CAS estimates
Wards
Canterbury
NHS Eastern and Coastal Kent
Life expectancy (years)
86.0
84.0
82.0
80.0
78.0
76.0
74.0
72.0
St Stephens
Blean Forest
Gorrell
Chartham and Stone Street
Tankerton
Chestfield and Swalecliffe
Seasalter
Westgate
Sturry South
Wincheap
Sturry North
West Bay
Barton
Greenhill and Eddington
Herne and Broomfield
Reculver
North Nailbourne
Harbledown
Little Stour
Harbour
Marshside
Barham Downs
Heron
Northgate
Electoral ward

Life expectancy at birth for electoral wards in Canterbury, 2005-2009 (pooled)

Wardcode	Ward name	Male	Female	Total
29UCGC	Barham Downs	79.5	79.1	**78.5**
29UCGD	Barton	78.6	82.9	**80.9**
29UCGE	Blean Forest	81.9	86.7	**84.3**
29UCGF	Chartham and Stone Street	79.4	86.3	**82.6**
29UCGG	Chestfield and Swalecliffe	79.0	84.7	**82.0**
29UCGH	Gorrell	79.1	85.8	**82.6**
29UCGJ	Greenhill and Eddington	78.1	83.5	**80.7**
29UCGK	Harbledown	79.0	79.8	**79.4**
29UCGL	Harbour	76.2	81.9	**79.1**
29UCGM	Herne and Broomfield	79.8	81.3	**80.5**
29UCGN	Heron	75.3	79.9	**77.7**
29UCGP	Little Stour	77.1	81.7	**79.2**
29UCGQ	Marshside	76.2	81.1	**78.5**
29UCGR	North Nailbourne	80.1	79.4	**79.9**
29UCGS	Northgate	73.2	80.9	**77.1**
29UCGT	Reculver	79.3	80.7	**80.1**
29UCGU	St Stephens	83.4	86.0	**84.9**
29UCGW	Seasalter	80.4	83.1	**81.9**
29UCGX	Sturry North	79.8	81.8	**81.0**
29UCGY	Sturry South	79.4	83.2	**81.4**
29UCGZ	Tankerton	80.1	84.4	**82.5**
29UCHA	West Bay	78.9	83.0	**81.0**
29UCHB	Westgate	79.1	83.8	**81.7**
29UCHC	Wincheap	80.8	82.0	**81.3**
Canterbury		**78.9**	**82.4**	**80.8**

Source: Public Health Mortality File, 2005-09; ONS CAS estimates; SEPHO

Life Expectancies for district authorities in Kent & Medway 2006-10

Local Authority	Male	Female	Total
Ashford	80.8	83.2	81.9
Canterbury	78.9	82.4	80.8
Dartford	78.8	81.5	80.1
Dover	78.2	82.2	80.3
Gravesham	78.7	82.3	80.5
Maidstone	78.9	82.5	80.8
Sevenoaks	81.0	83.9	82.6
Shepway	78.5	82.8	80.7
Swale	77.4	81.4	79.4
Thanet	76.6	81.6	79.2
Tonbridge & Malling	80.1	83.8	82.0
Tunbridge Wells	80.2	83.3	81.8
Medway	77.2	81.5	79.4

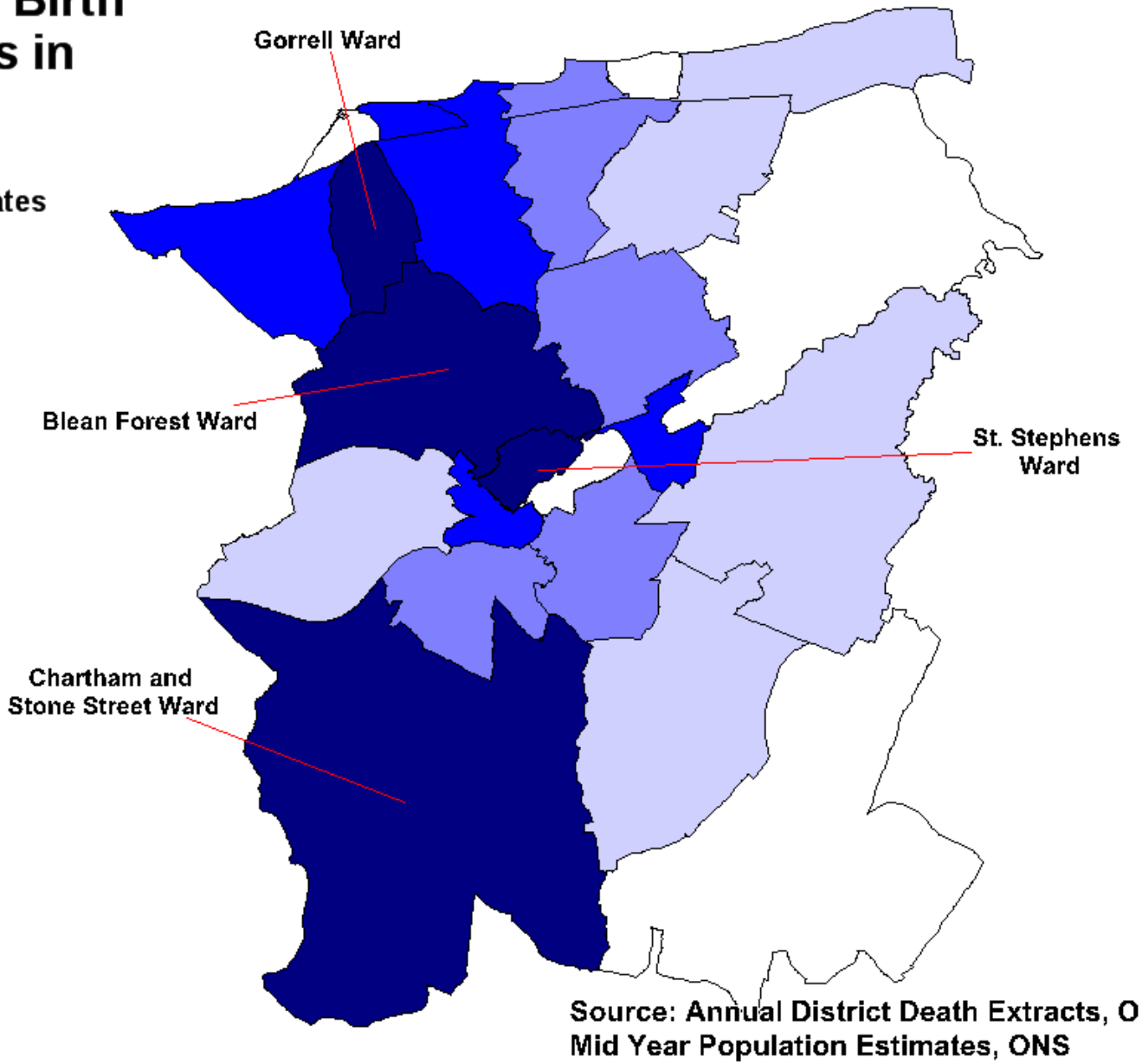
Source: Public Health Mortality File 2006-10; Ward Estimates, ONS

Numbers of years between highest and lowest life expectancy at birth by electoral ward:-

Male = **10.3**
Female = **7.6**
Persons = **7.9**

Life Expectancy at Birth for Electoral Wards in Canterbury

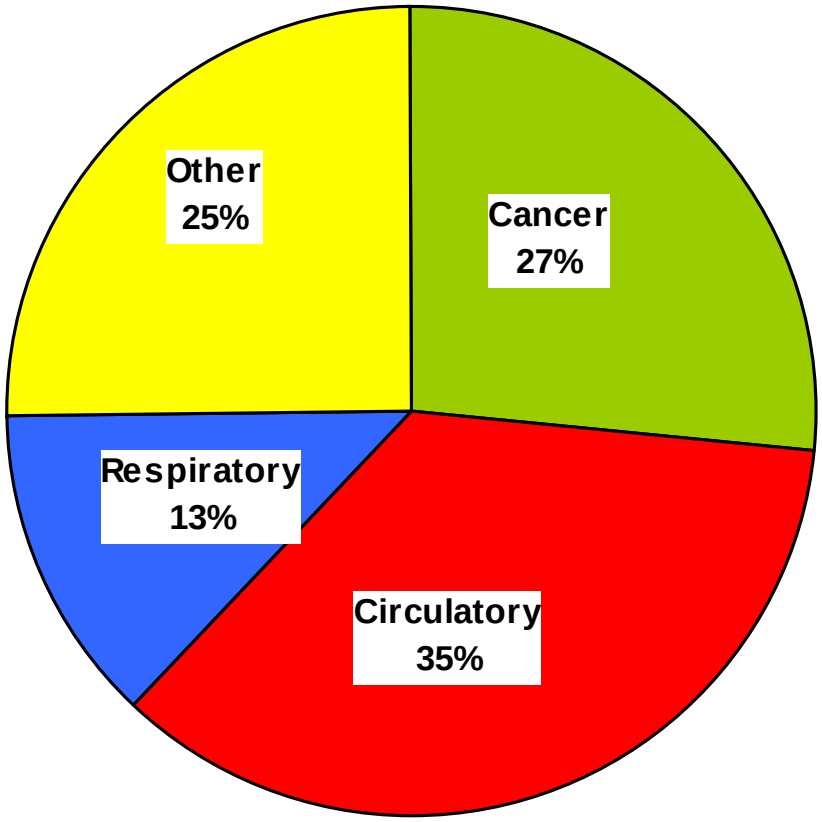
calculated using 2006-2010 mortaily and population estimates

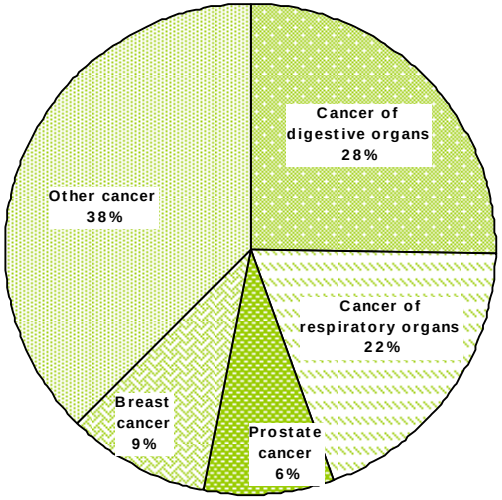


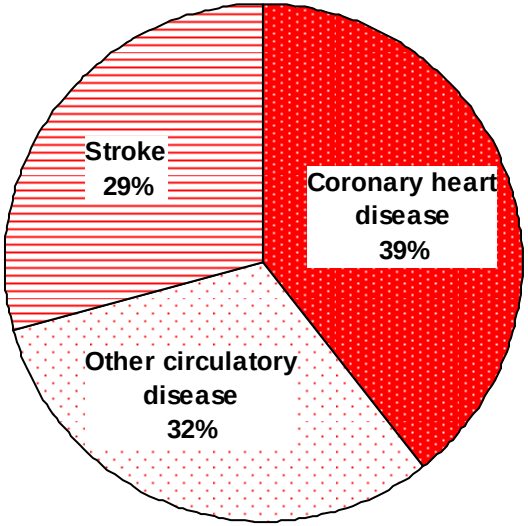
Source: Annual District Death Extracts, ONS
Mid Year Population Estimates, ONS

All age all cause mortality

Main Causes of Death in Canterbury 2010

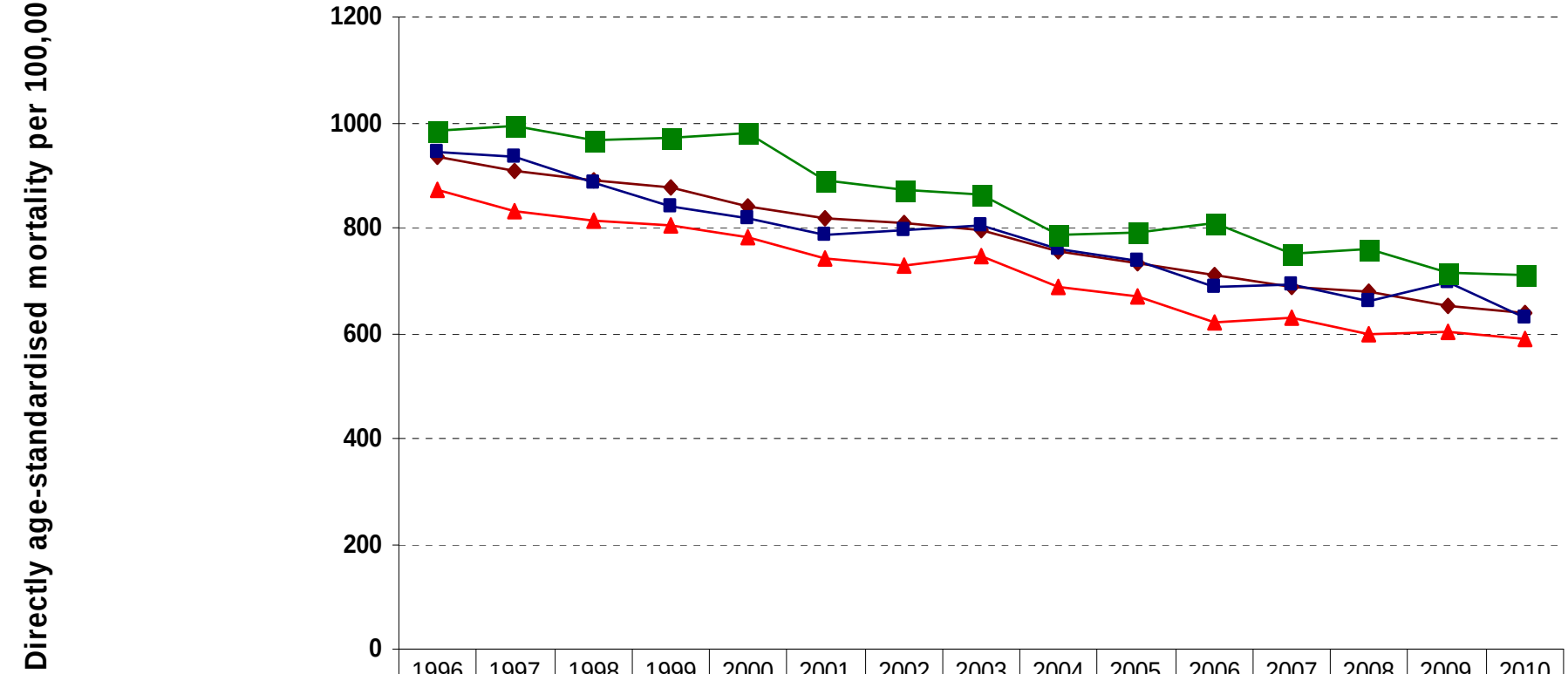






Mortality from all causes, all ages, Males

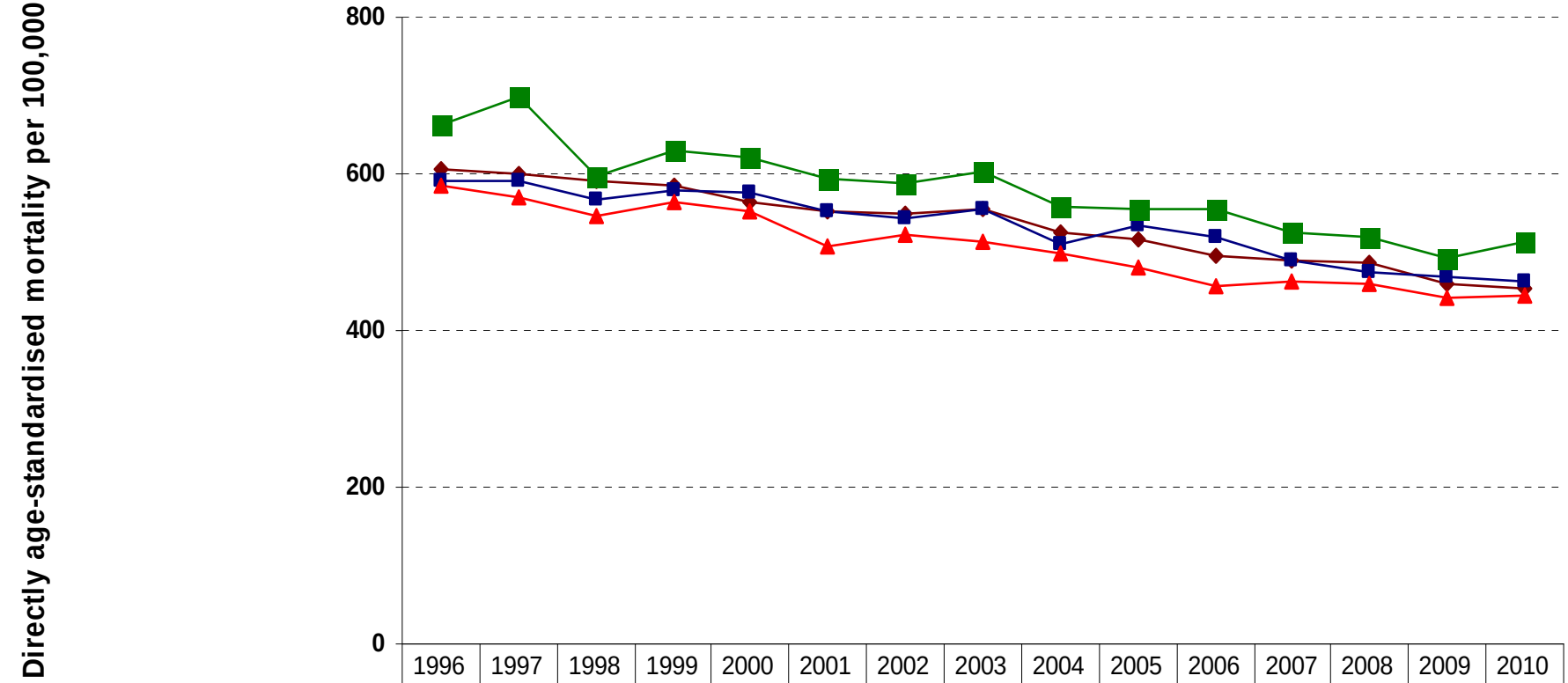
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	933.2	907.8	891.8	875.1	841.8	817.3	807.9	796.7	754.4	733.4	708.2	688.6	679.6	652.3	636.1
NHS Eastern and Coastal Kent	942.9	933.1	884.2	839.5	819.8	786.6	795.5	804.9	758.9	735.8	687.7	692.3	661.9	697.8	630.1
NHS West Kent	872.3	831.7	814.9	805.1	781.8	739.7	726.2	746.0	689.6	670.2	620.0	627.6	596.7	600.4	590.0
Medway	984.1	992.2	966.6	970.6	978.3	891.2	870.7	862.6	784.6	792.0	807.1	752.5	759.3	715.5	711.9

Mortality from all causes, all ages, Females

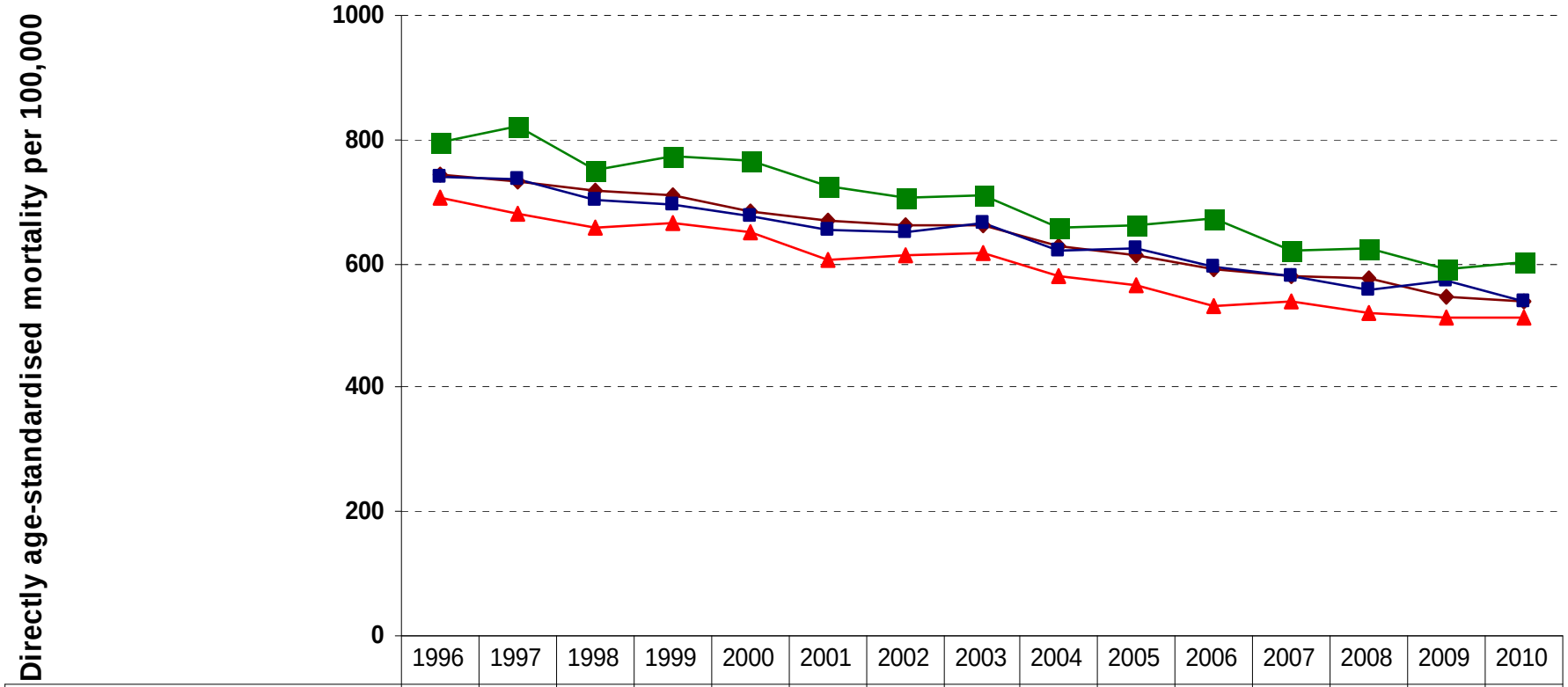
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	606.7	599.3	589.6	586.3	564.5	553.0	550.4	555.4	524.6	515.6	496.3	488.6	486.6	459.7	454.8
NHS Eastern and Coastal Kent	591.4	590.7	568.2	578.4	574.7	553.7	542.0	556.4	511.2	535.2	520.9	489.4	475.1	469.6	462.7
NHS West Kent	585.9	569.3	547.2	565.0	553.2	506.2	523.7	514.3	497.6	480.8	456.1	463.3	459.8	442.1	445.6
Medway	663.9	698.4	597.8	629.7	621.1	592.8	587.0	603.8	559.3	555.8	556.0	524.4	518.1	493.7	513.1

Mortality from all causes, all ages, both sexes

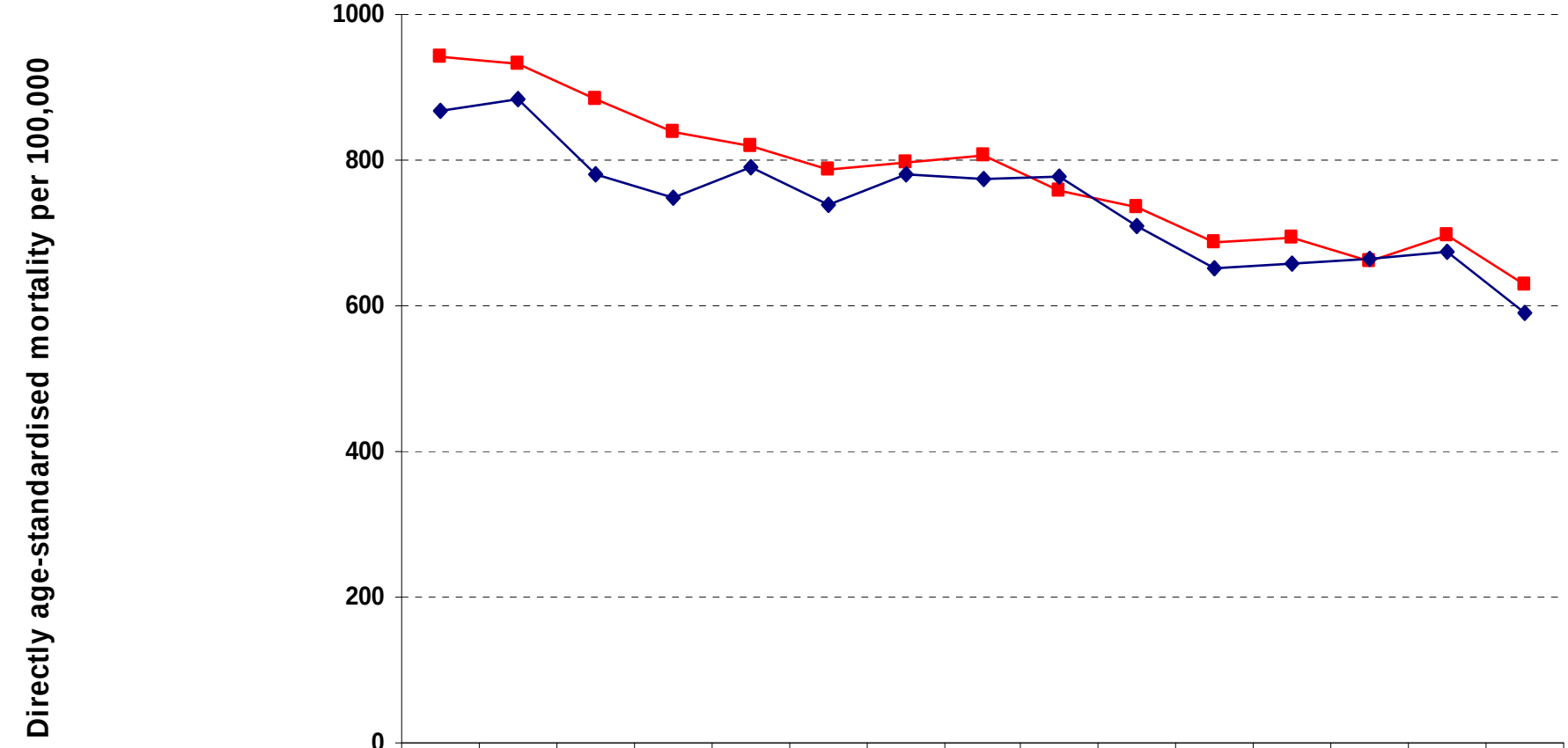
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	744.8	730.6	719.1	710.8	684.3	667.9	663.2	661.9	626.6	613.2	591.6	579.3	574.6	547.3	540
NHS Eastern and Coastal Kent	739.1	734.5	702.2	693.4	677.3	654.4	651.3	666.0	621.5	624.6	595.3	581.0	558.8	573.5	539
NHS West Kent	705.2	679.8	659.7	665.9	650.9	606.9	615.2	615.5	581.7	566.0	529.8	538.4	522.1	513.2	512
Medway	795.4	821.8	750.9	772.7	765.3	723.2	707.7	710.7	659.4	659.9	673.4	622.6	623.7	590.1	601

Mortality from all causes, all ages, Males

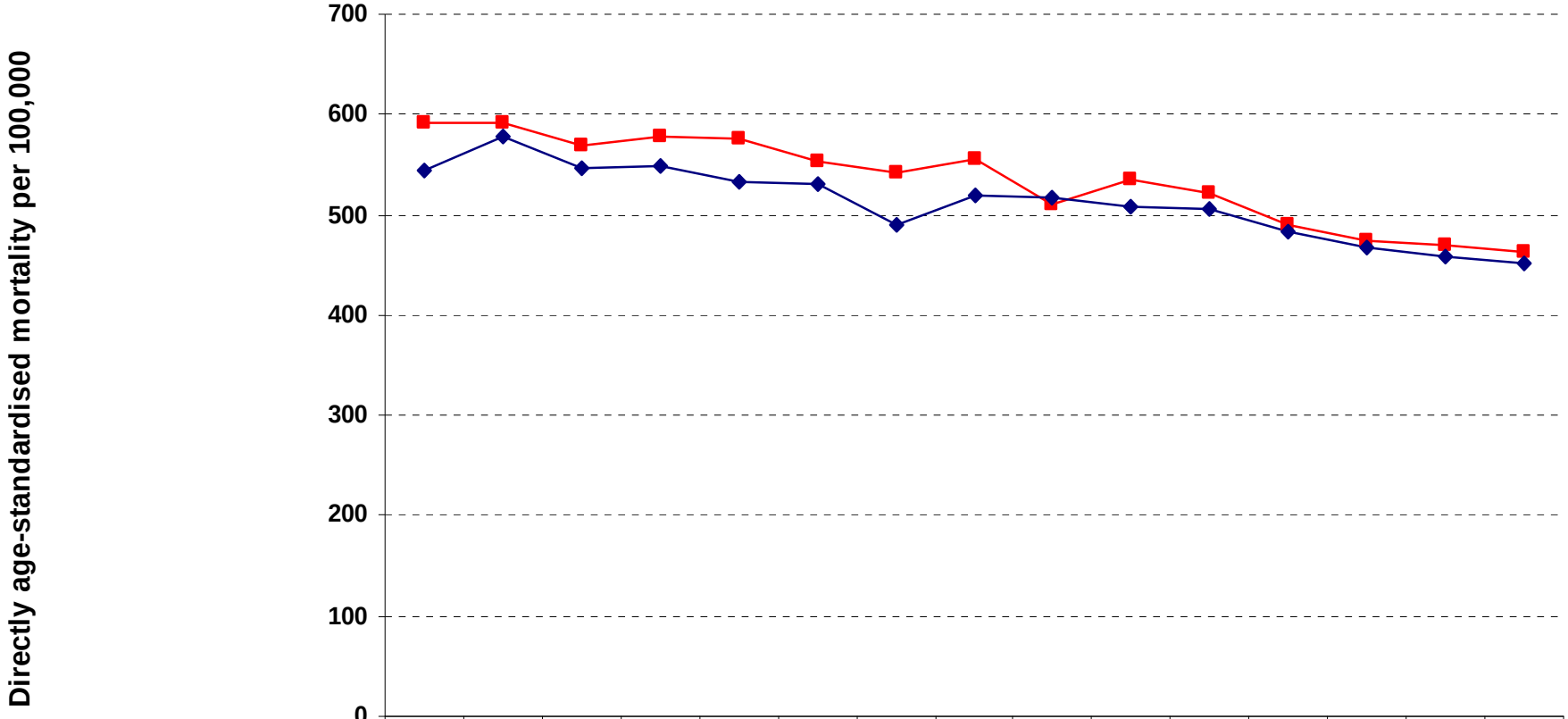
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	942.9	933.1	884.2	839.5	819.8	786.6	795.5	804.9	758.9	735.8	687.7	692.3	661.9	697.8	630.1
Canterbury CD	868.8	882.7	780.2	747.3	789.7	739.7	781.1	774.5	778.3	709.6	652.5	658.4	665.8	673.9	591.7

Mortality from all causes, all ages, Females

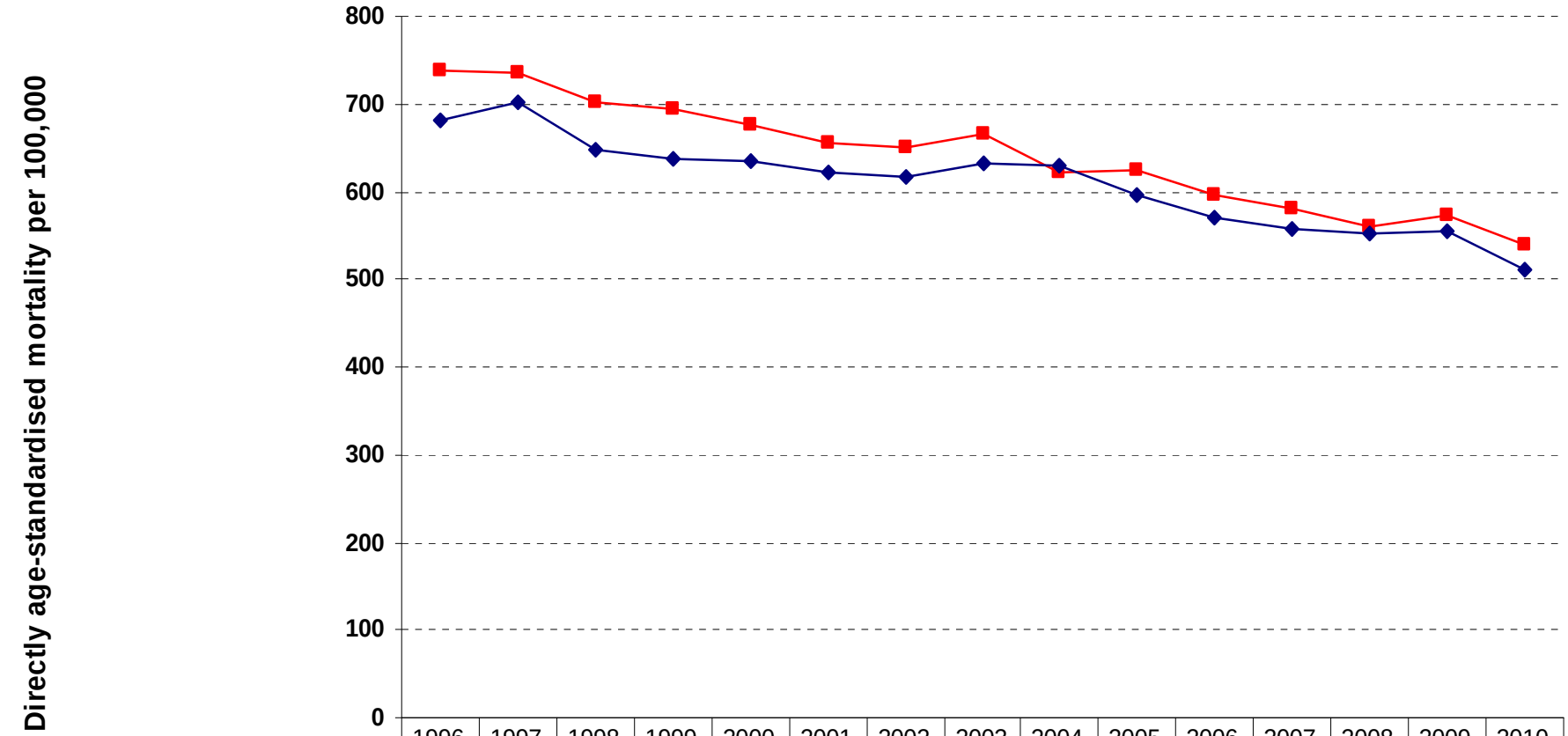
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	591.4	590.7	568.2	578.4	574.7	553.7	542.0	556.4	511.2	535.2	520.9	489.4	475.1	469.6	462.7
Canterbury CD	544.6	578.2	546.5	549.8	532.2	530.9	489.5	519.1	516.6	508.4	505.4	482.5	466.7	459.3	452.5

Mortality from all causes, all ages, both sexes

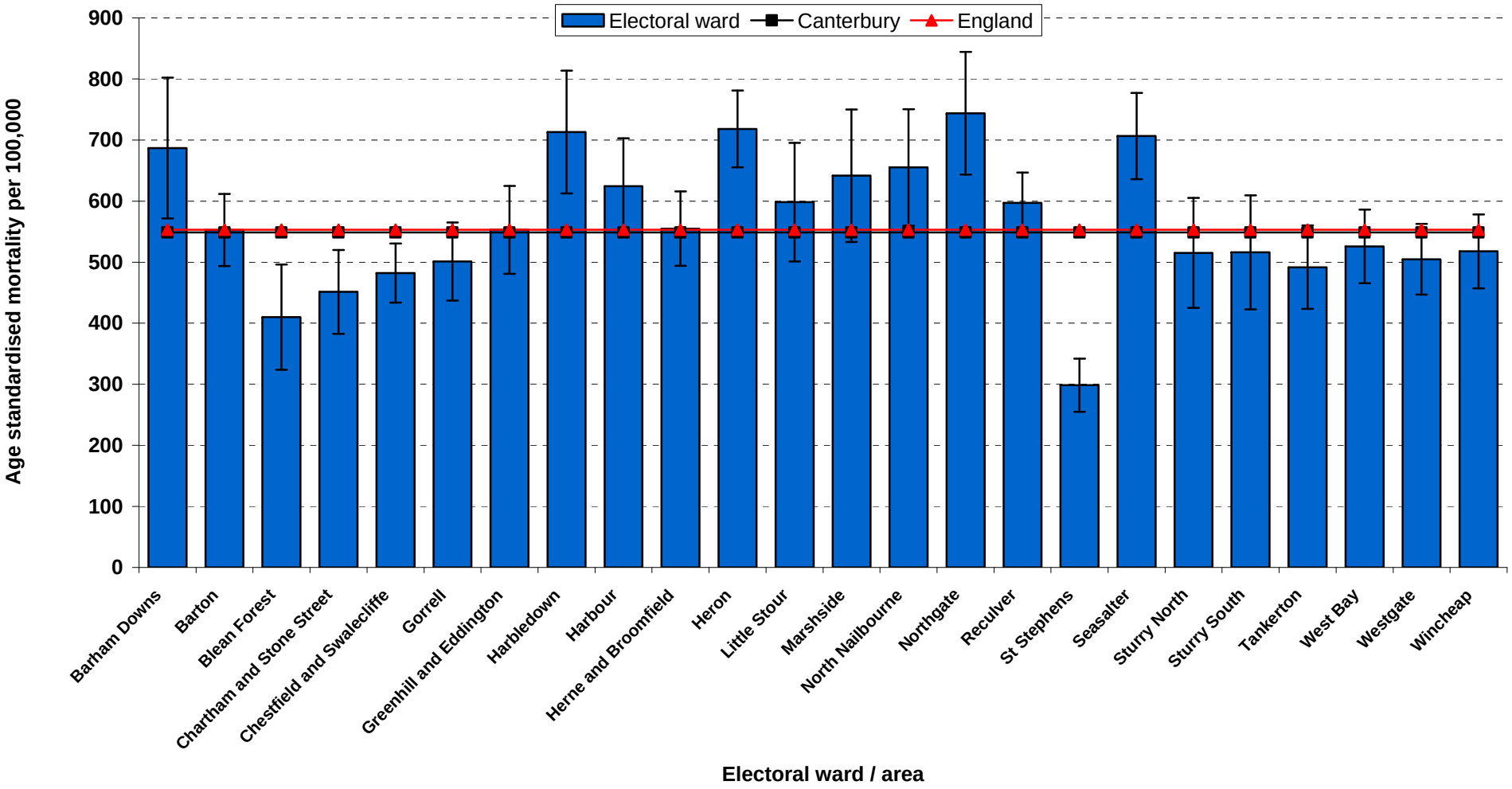
Source: NCHOD



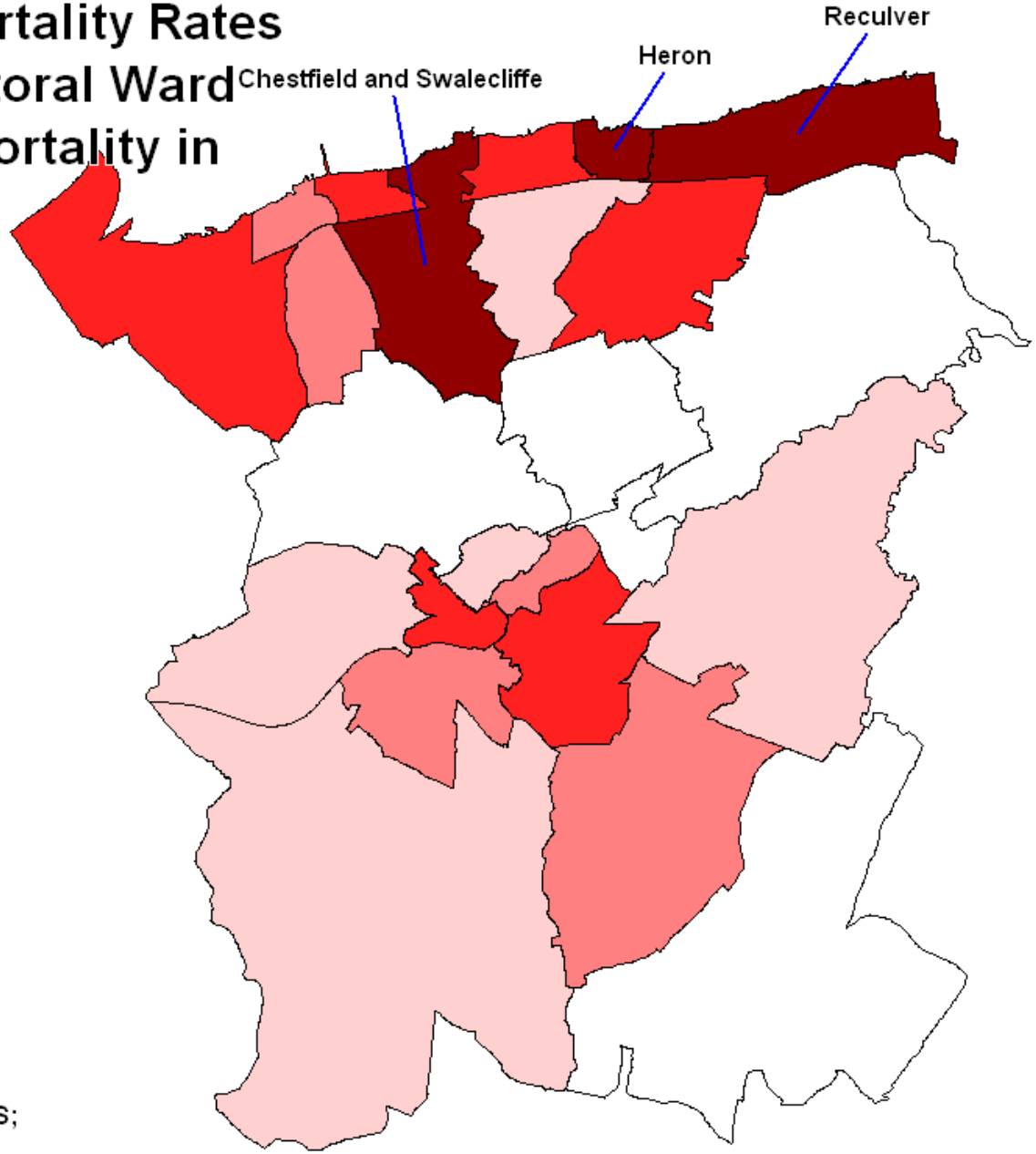
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	739.1	734.5	702.2	693.4	677.3	654.4	651.3	666.0	621.5	624.6	595.3	581.0	558.8	573.5	539
Canterbury CD	680.3	702.8	646.8	637.2	635.9	621.0	616.2	632.4	628.6	595.4	570.6	556.4	552.5	555.0	510

Mortality rate, all age, all causes, 2006-2010, both sexes

Source: NCHOD, PHMF and ONS CAS



Age Standardised Mortality Rates for 2006-2010 at Electoral Ward - All Age All Cause Mortality in Canterbury



Local AAACM Quintiles

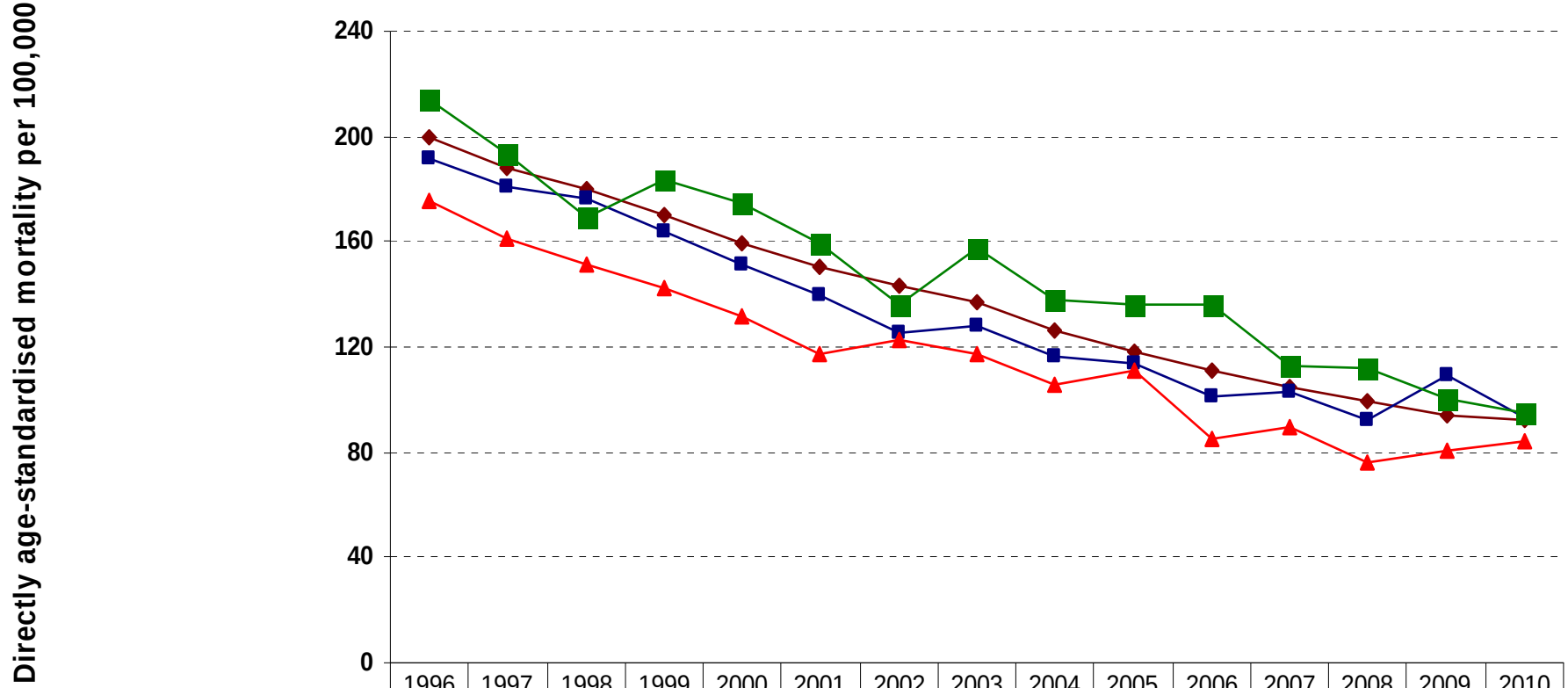
- Worst Quintile
-
-
-
- Best Quintile

Source: Annual District Death Extracts, ONS; Mid Year Population Estimates, ONS

Circulatory disease

Mortality from all circulatory disease aged under 75, Males

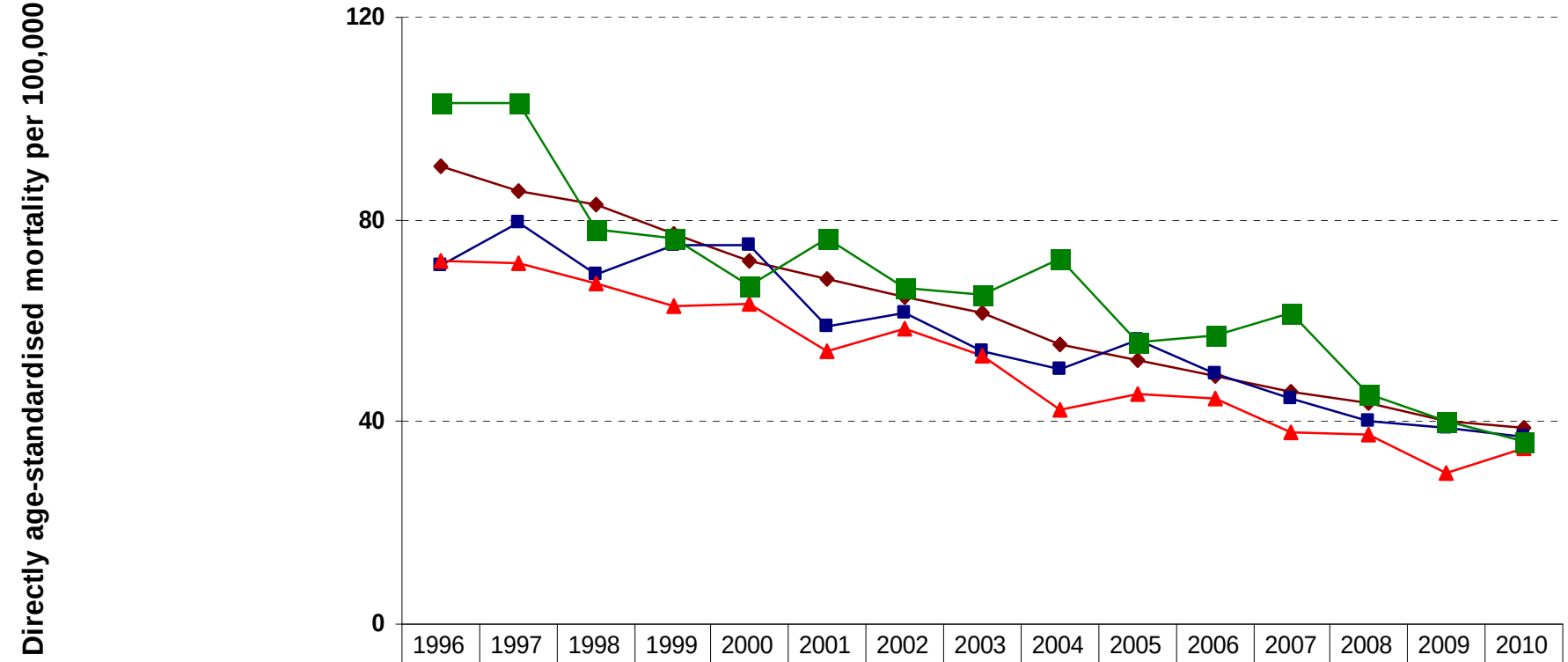
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	199.7	187.7	180.3	170.0	159.7	150.8	143.7	136.7	126.5	118.0	110.8	104.7	99.8	93.8	91.9
NHS Eastern and Coastal Kent	191.8	181.1	176.7	163.5	151.2	139.7	125.3	128.2	116.6	114.2	101.4	102.9	92.0	109.3	92.7
NHS West Kent	175.6	161.1	151.3	142.8	131.5	117.4	122.5	116.9	105.5	110.9	85.1	89.7	76.5	80.3	83.9
Medw ay	214.4	193.5	169.4	183.4	174.9	159.4	136.0	157.7	138.1	136.1	136.1	113.3	111.9	100.3	94.9

Mortality from all circulatory disease aged under 75, Females

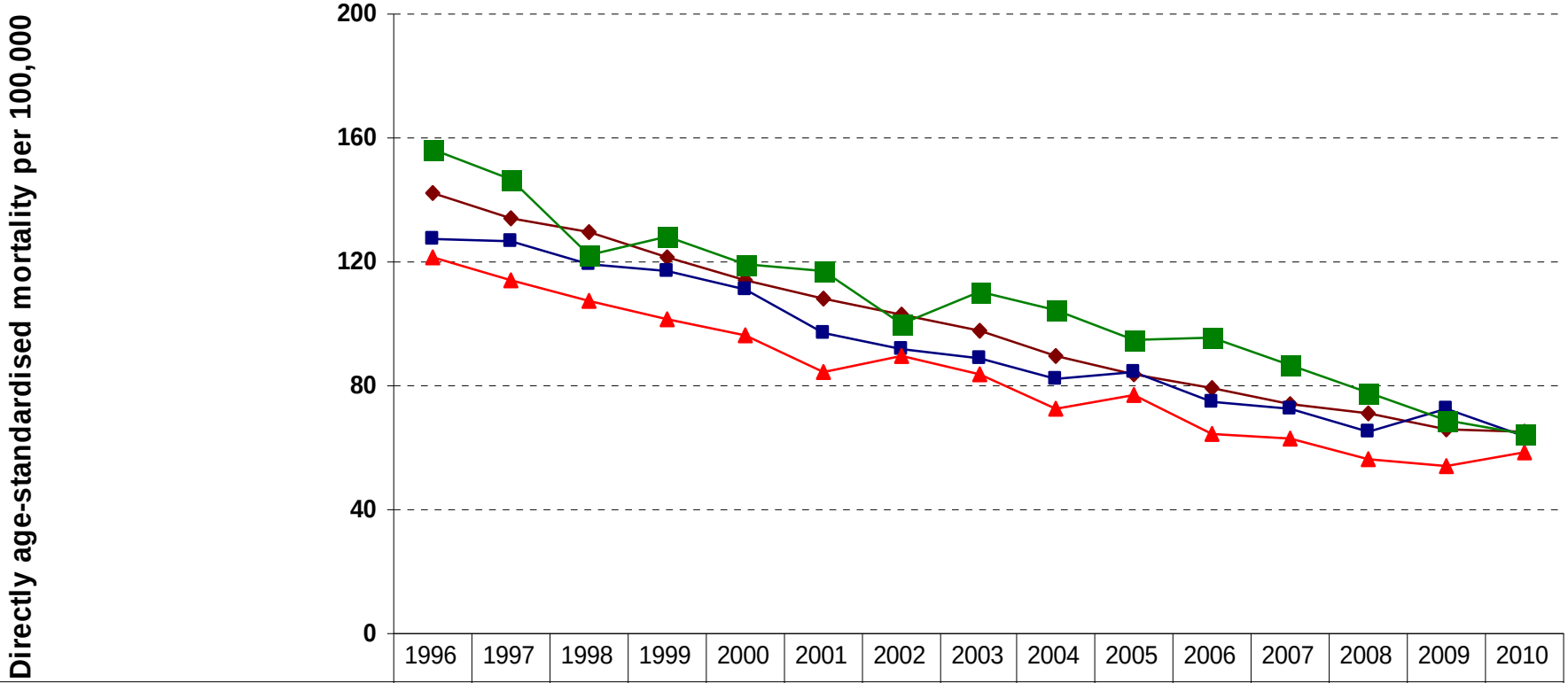
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	90.4	85.5	83.1	77.3	72.0	68.1	64.8	61.6	55.4	52.2	49.1	45.8	43.8	40.0	39.0
NHS Eastern and Coastal Kent	70.9	79.6	69.3	75.0	74.8	59.1	61.8	53.9	50.4	56.1	49.5	44.8	40.0	38.7	37.2
NHS West Kent	71.8	71.4	67.3	62.8	63.2	53.8	58.6	53.0	42.5	45.6	44.5	38.1	37.4	30.0	34.8
Medway	103.0	102.9	77.9	76.3	66.9	76.5	66.7	65.1	72.2	55.7	57.0	61.5	45.3	40.0	36.1

Mortality from all circulatory disease aged under 75, both sexes

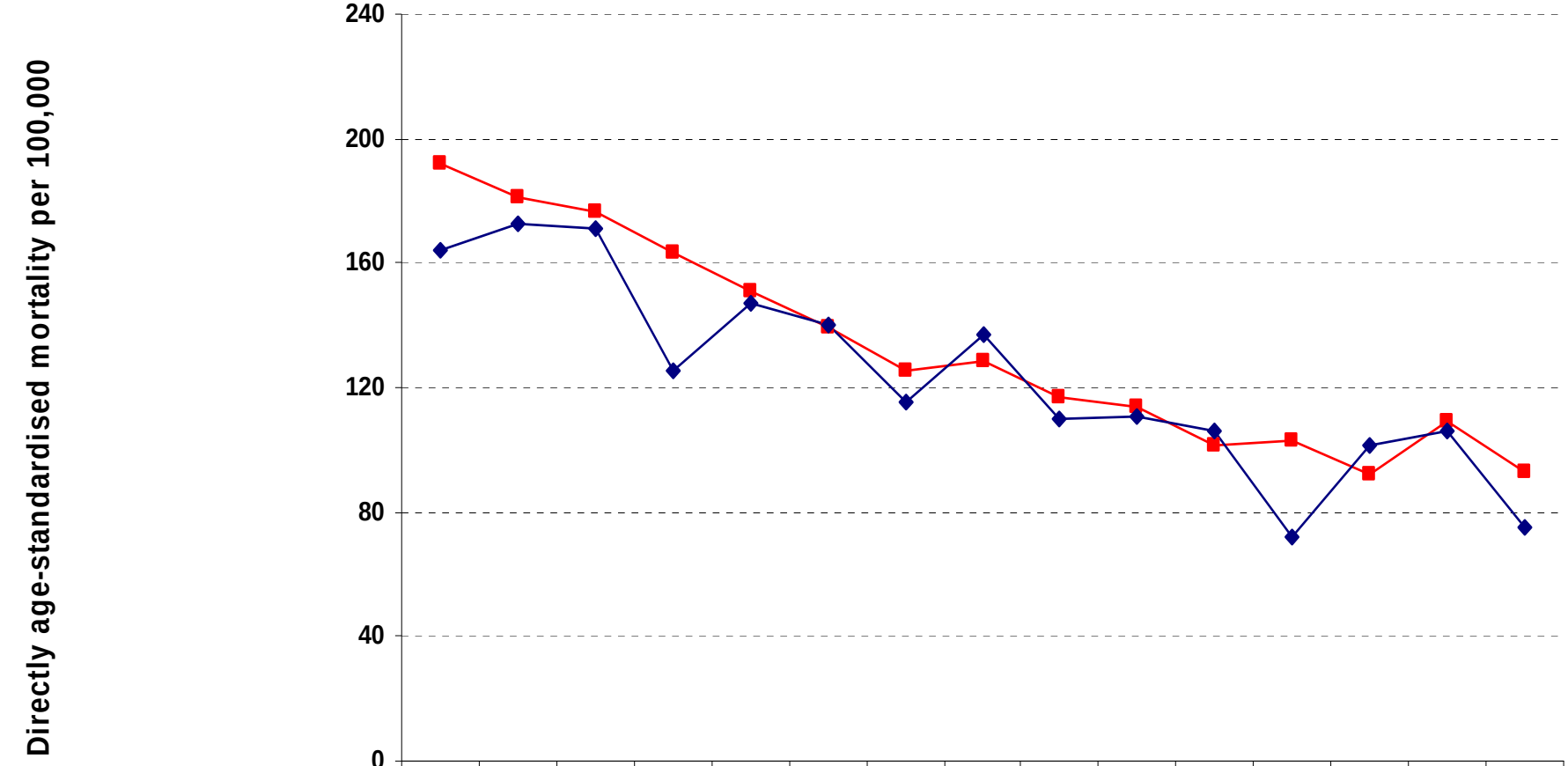
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	142.4	134.3	129.5	121.7	114.1	107.9	102.8	97.8	89.7	84.0	79.0	74.4	71.0	66.1	65.1
NHS Eastern and Coastal Kent	127.2	126.6	119.3	116.8	110.8	97.2	92.1	89.2	82.1	84.1	74.6	72.8	65.0	72.8	64.0
NHS West Kent	121.2	114.3	107.2	101.4	96.1	84.6	89.4	83.9	72.9	77.0	64.3	63.0	56.3	54.3	58.6
Medw ay	156.3	146.3	122.3	128.4	119.5	116.9	100.2	110.0	104.3	94.9	95.5	86.6	77.5	69.3	64.6

Mortality from all circulatory disease aged under 75, Males

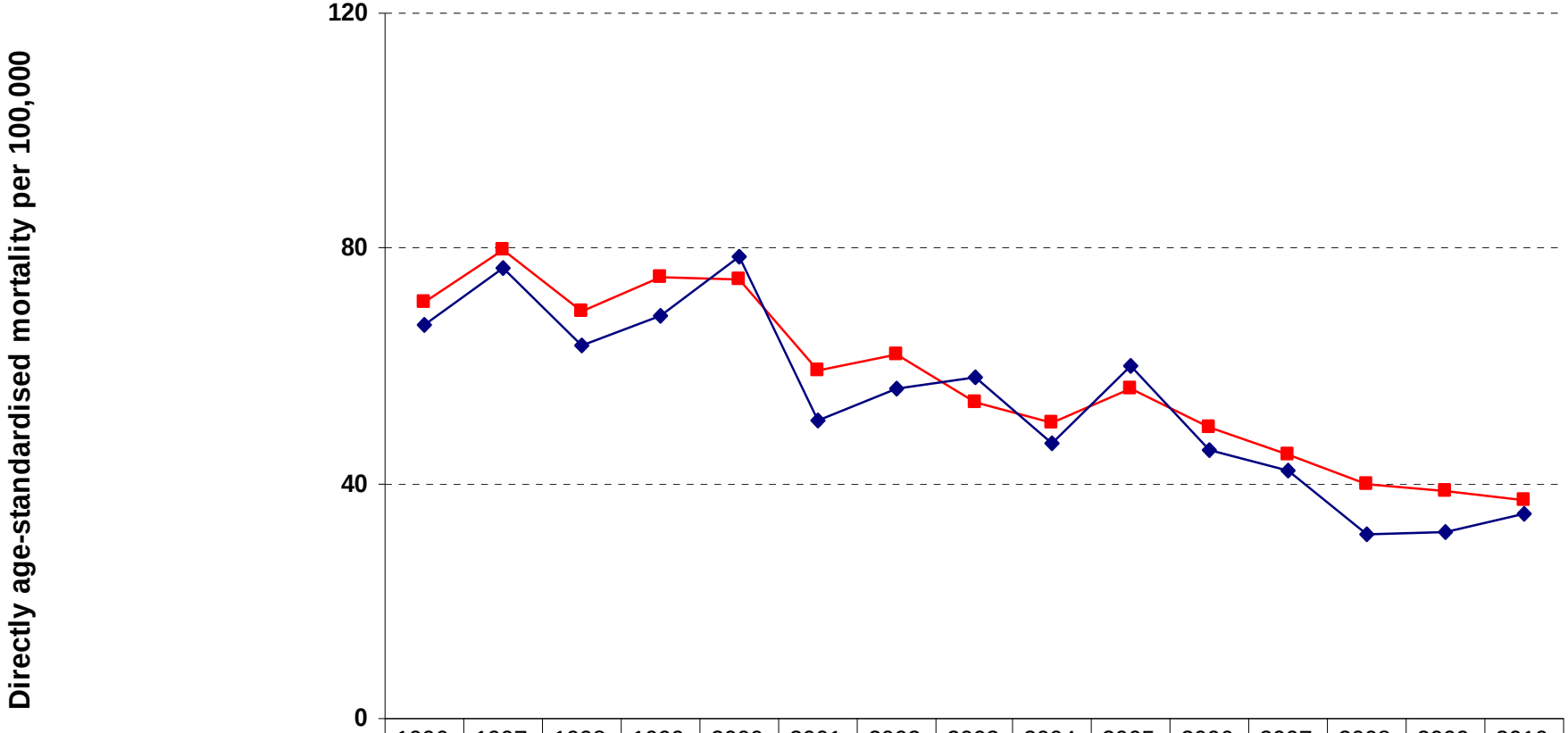
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	191.8	181.1	176.7	163.5	151.2	139.7	125.3	128.2	116.6	114.2	101.4	102.9	92.0	109.3	92.7
Canterbury CD	164.0	172.4	171.3	125.8	146.8	140.2	115.6	136.8	110.1	110.8	106.0	72.0	101.4	106.1	75.0

Mortality from all circulatory disease aged under 75, Females

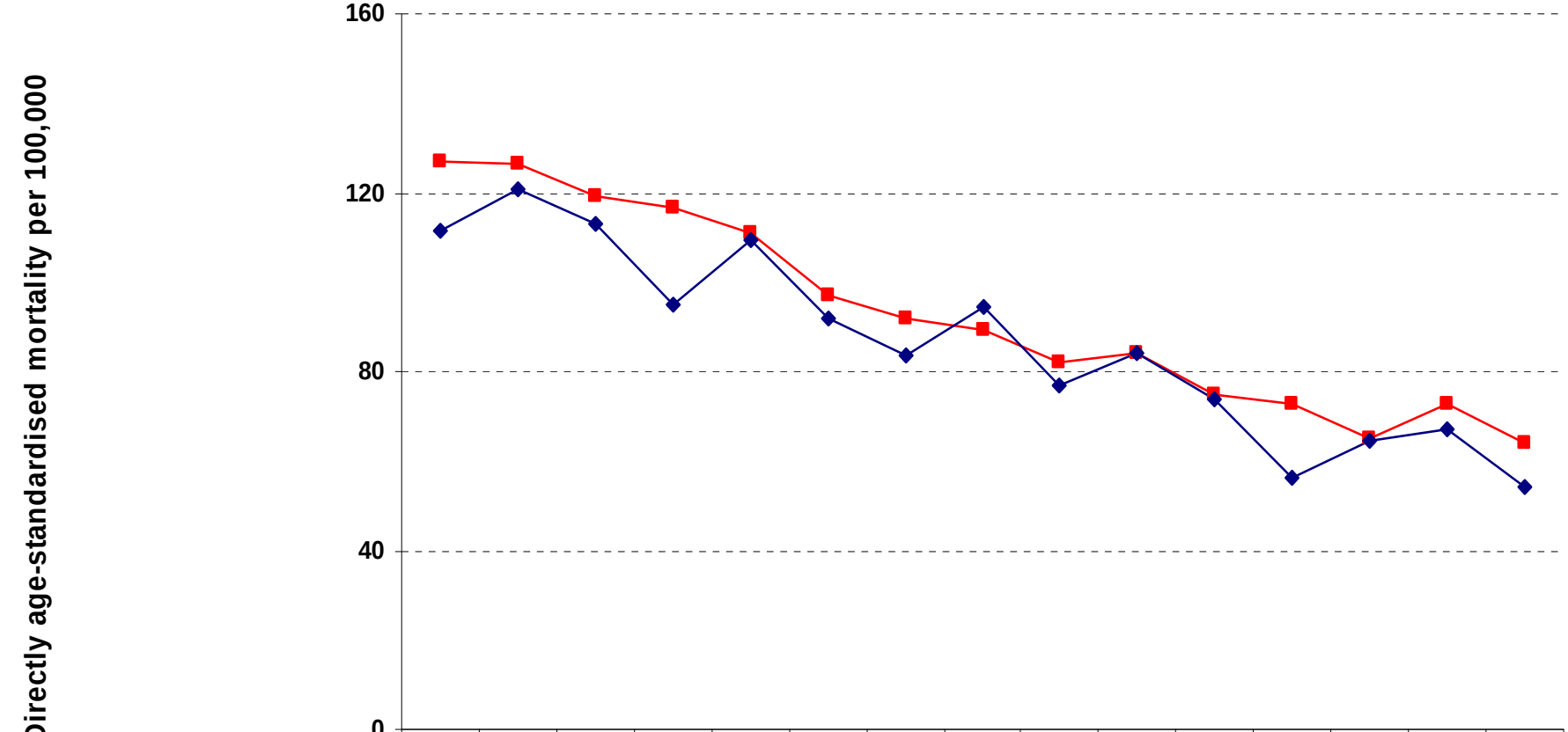
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	70.9	79.6	69.3	75.0	74.8	59.1	61.8	53.9	50.4	56.1	49.5	44.8	40.0	38.7	37.2
Canterbury CD	67.0	76.6	63.6	68.7	78.5	50.8	56.0	58.0	46.7	60.1	45.7	42.3	31.4	31.7	34.9

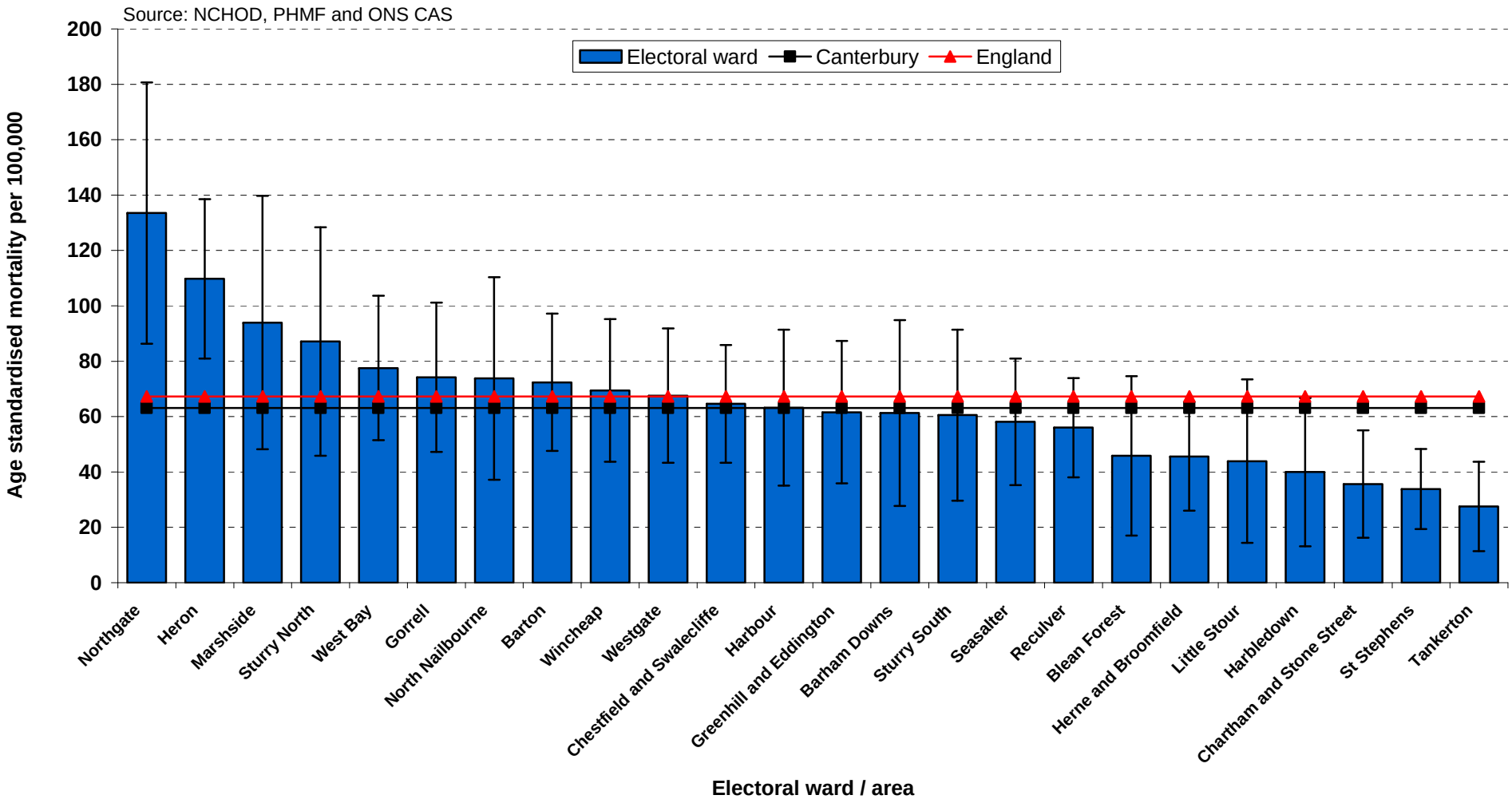
Mortality from all circulatory disease aged under 75, both sexes

Source: NCHOD

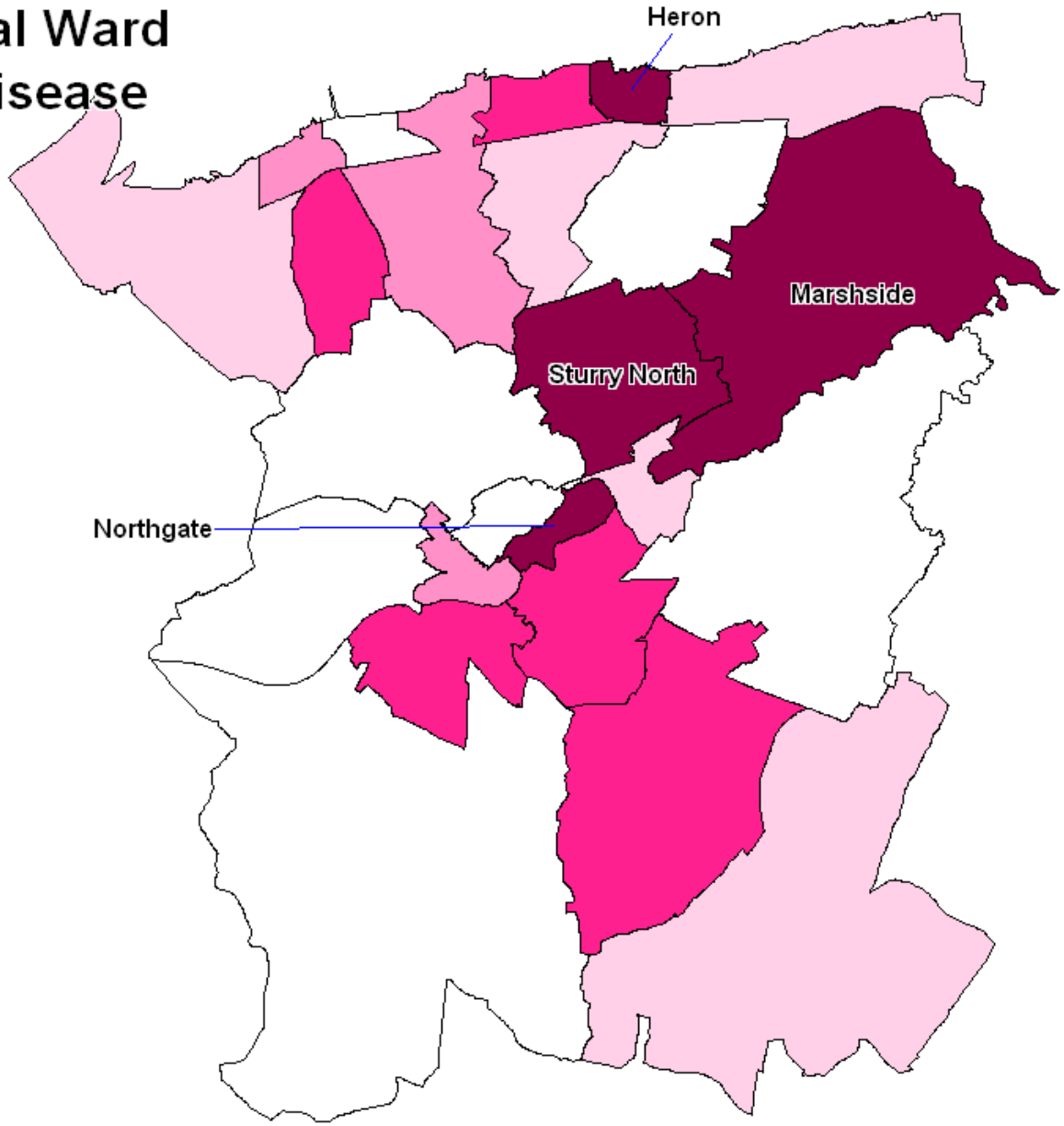


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	127.2	126.6	119.3	116.8	110.8	97.2	92.1	89.2	82.1	84.1	74.6	72.8	65.0	72.8	64.0
Canterbury CD	111.7	121.0	113.0	95.0	109.6	92.1	83.9	94.4	76.7	84.2	74.0	56.3	64.5	67.2	54.1

Mortality rate for all circulatory disease aged under 75, 2006-2010, both sexes



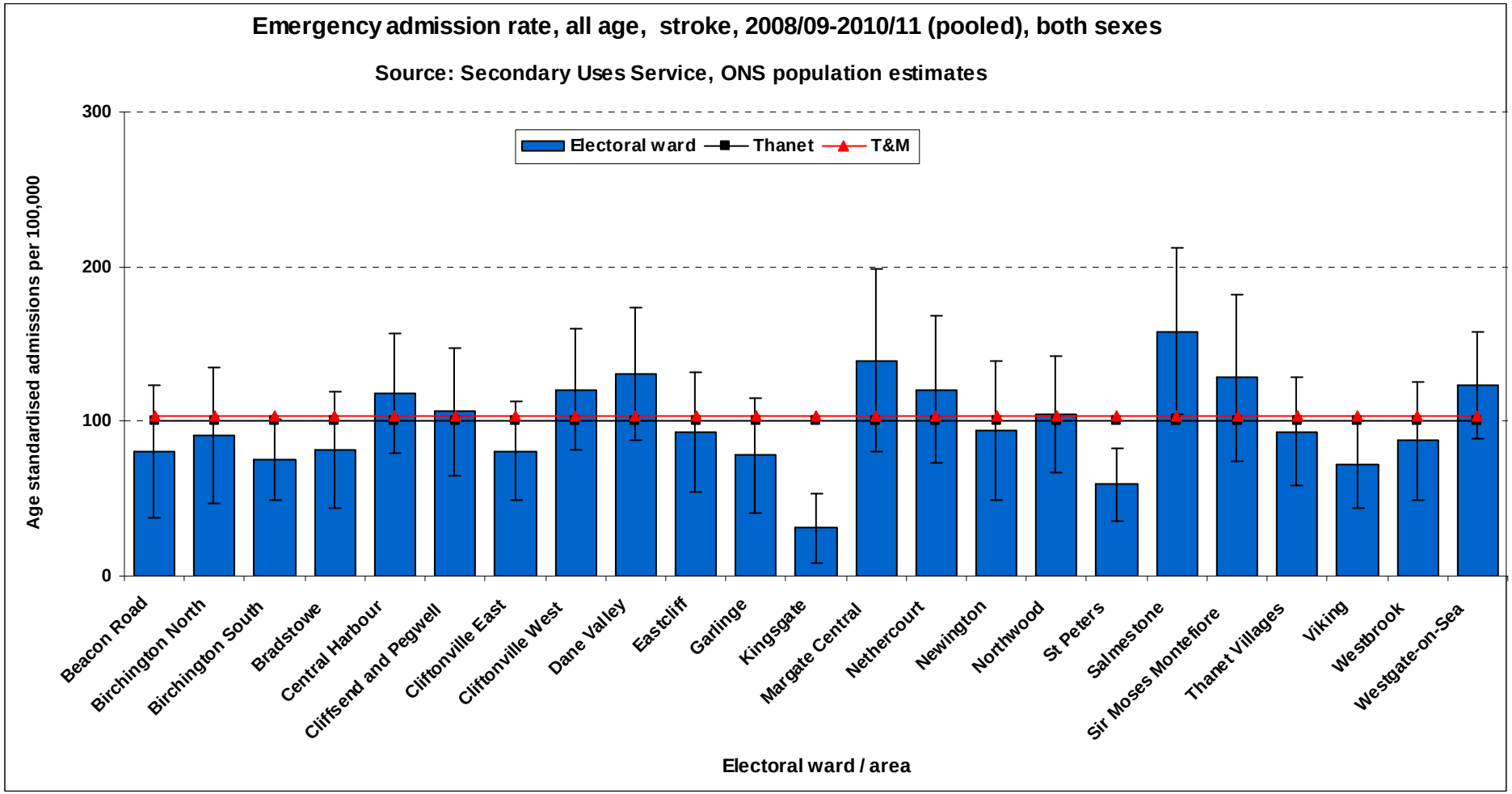
Age Standardised Mortality Rates for 2006-2010 at Electoral Ward - Under 75 Circulatory Disease Mortality Canterbury



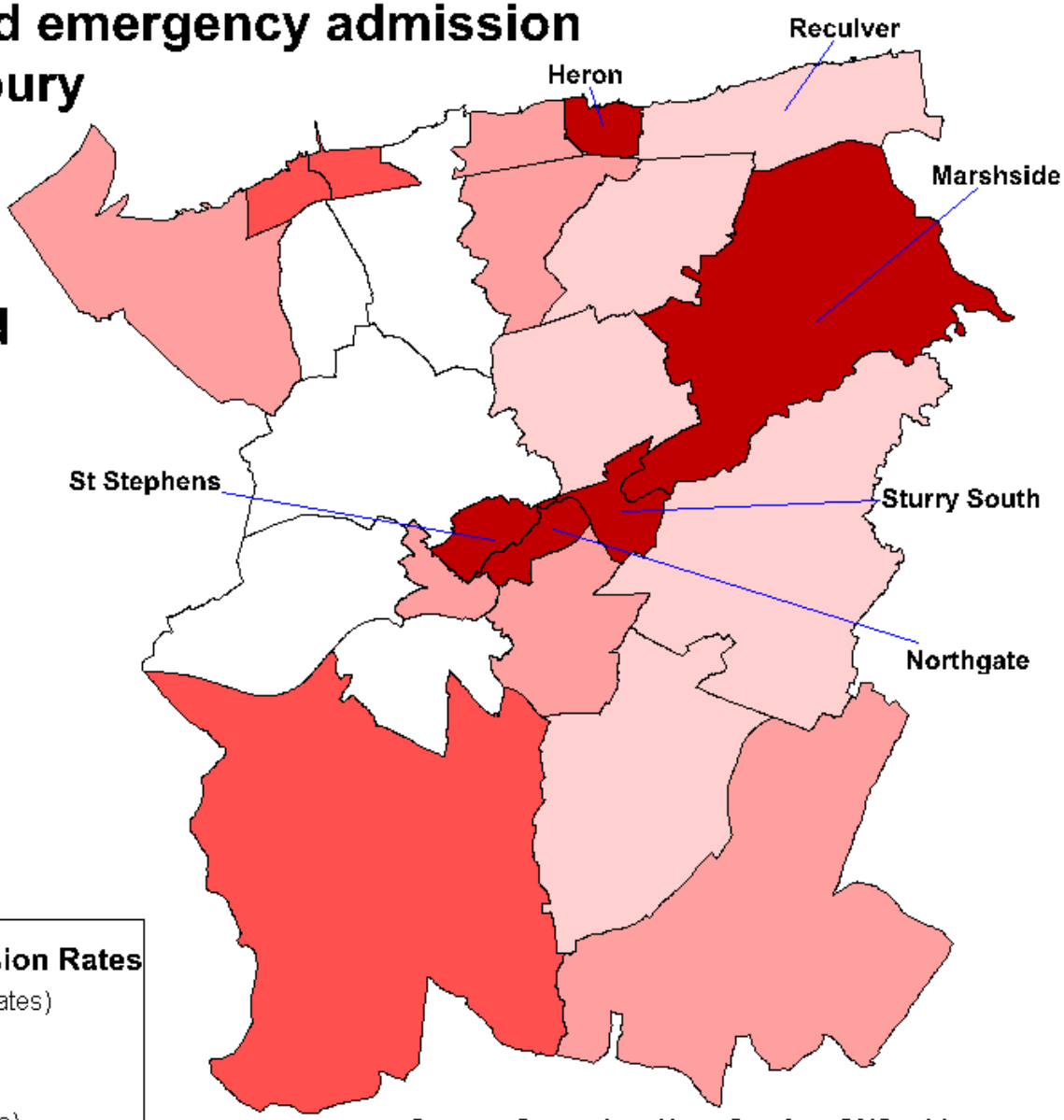
Local Quintiles for
Under 75 Circulatory Mortality

- Worst Quintile
-
-
-
- Best Quintile

Source: Annual District Death Extracts, ONS; Mid year Population Estimates, ONS


Emergency admission rate, all age, stroke, 2008/09-2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Thanet
T&M
Age standardised admissions per 100,000
300
200
100
0
Beacon Road
Birchington North
Birchington South
Bradstowe
Central Harbour
Cliffsend and Pegwell
Cliftonville East
Cliftonville West
Dane Valley
Eastcliff
Garlinge
Kingsgate
Margate Central
Nethercourt
Newington
Northwood
St Peters
Salmestone
Sir Moses Montefiore
Thanet Villages
Viking
Westbrook
Westgate-on-Sea
Electoral ward / area

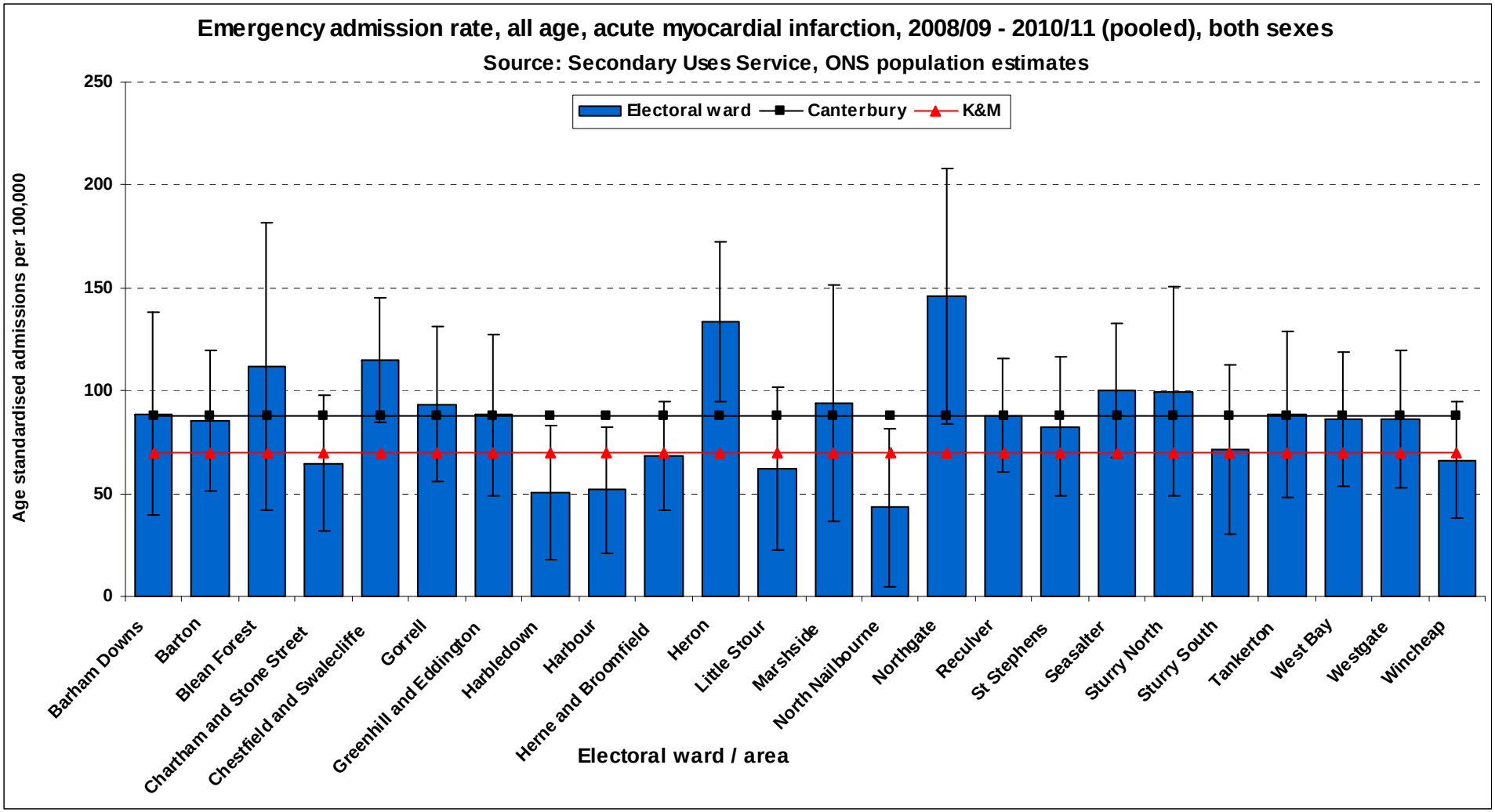
Age standardised emergency admission rates for Canterbury residents for a stroke 2008/09 - 2010/11 by electoral ward



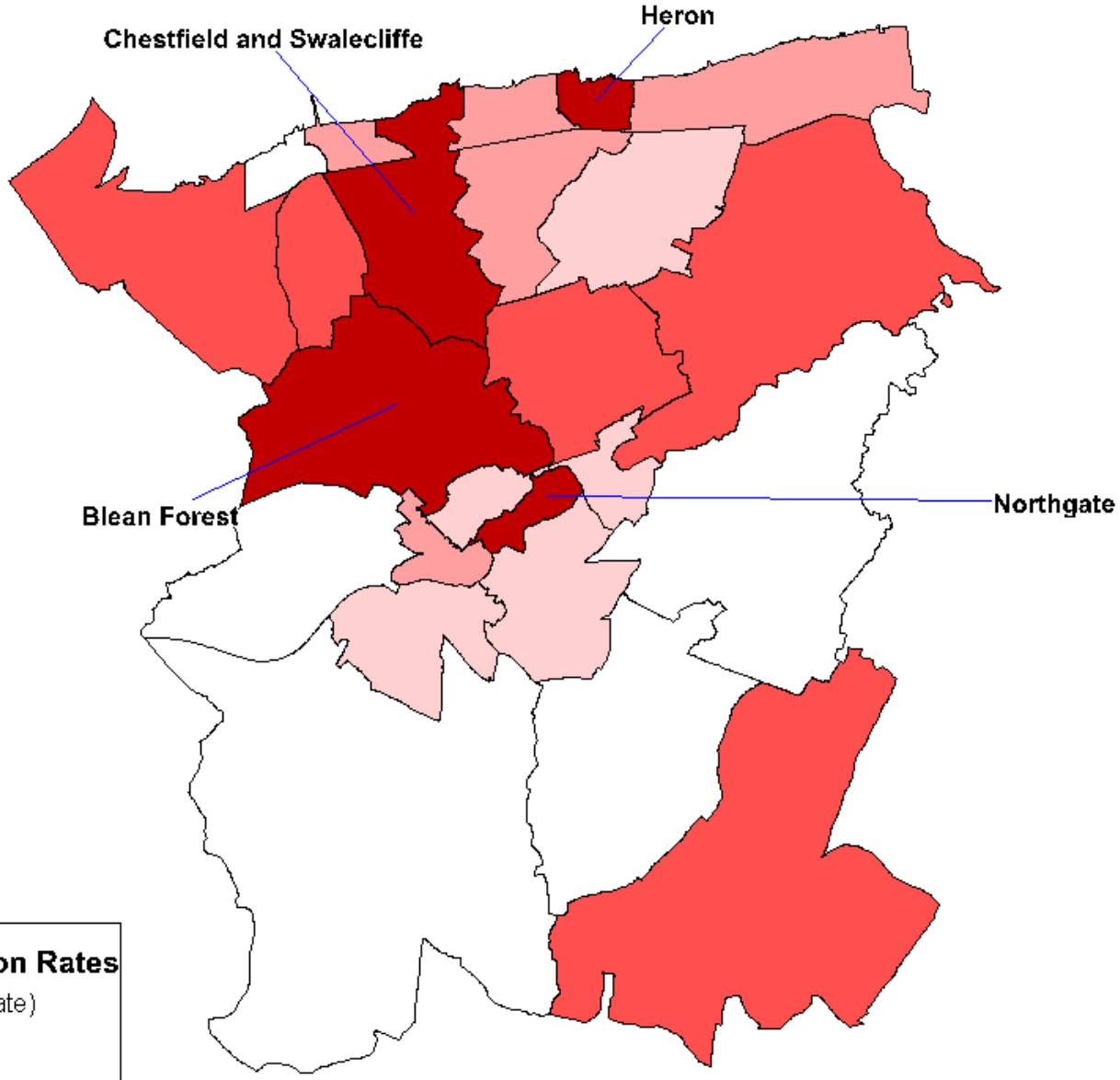
Age Standardised Admission Rates

- Worst Quintile (20% highest rates)
-
-
-
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory


Emergency admission rate, all age, acute myocardial infarction, 2008/09 - 2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised admissions per 100,000
250
200
150
100
50
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

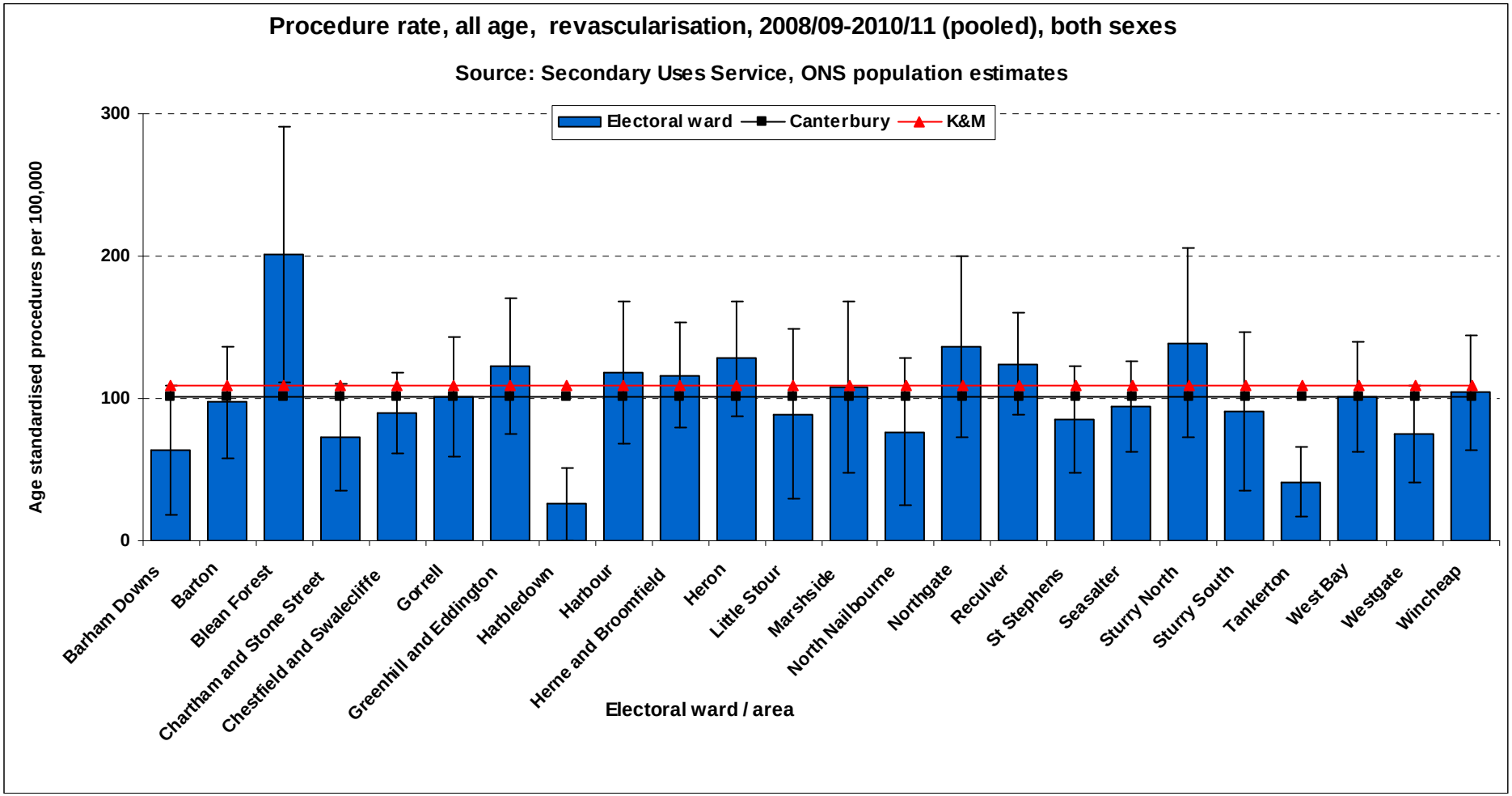
Age standardised admission rates for Canterbury residents for acute mycardial infarction (AMI) 2008/09 - 2010/11 by electoral ward



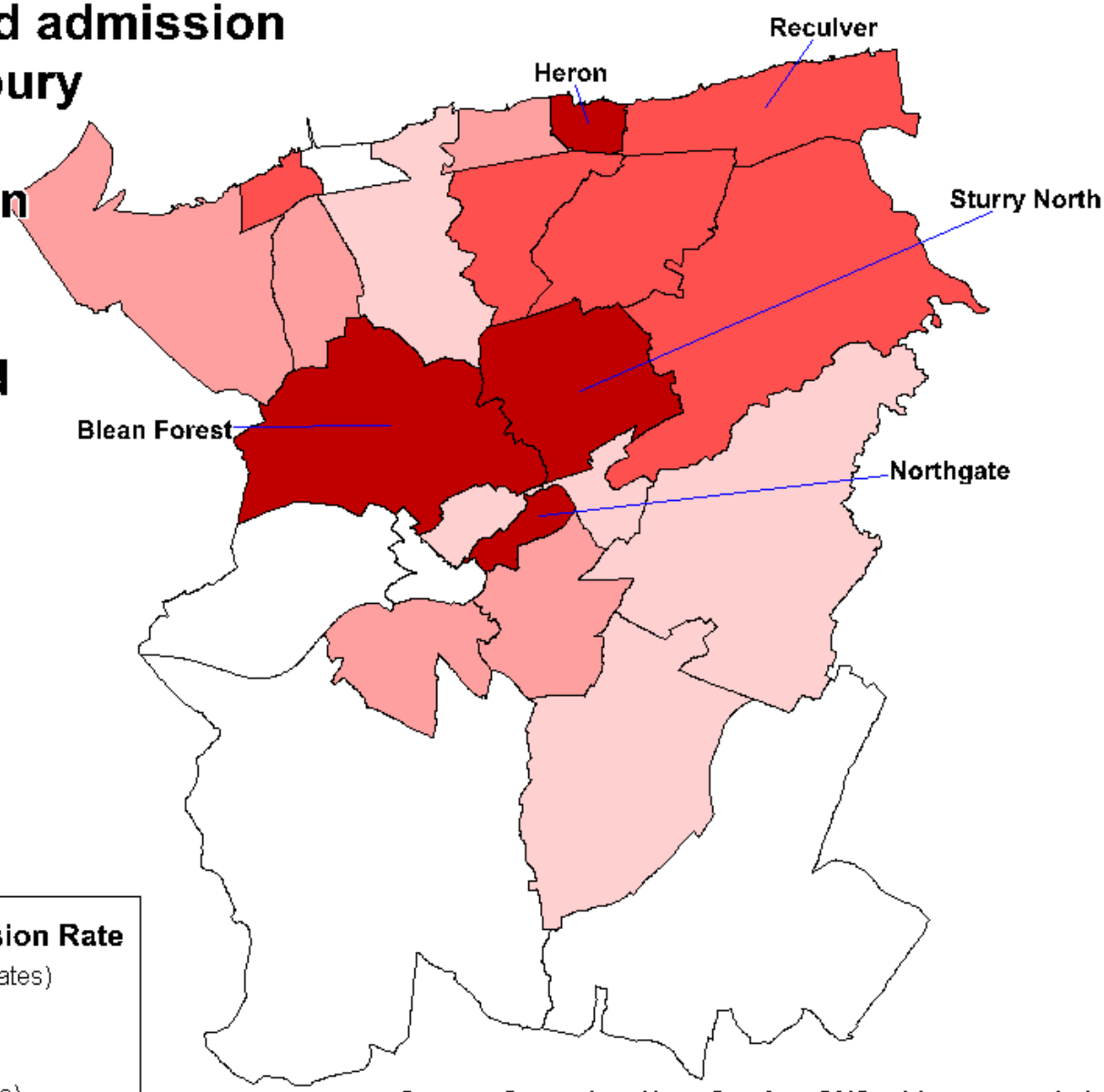
Age Standardised Admission Rates

- Worst Quintile (20% Highest Rate)
-
-
-
- Best Quintile (20% Lowest Rate)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory


Procedure rate, all age, revascularisation, 2008/09-2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised procedures per 100,000
300
200
100
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

Age standardised admission rates for Canterbury residents for Revascularisation of femur 2008/09 - 2010/11 by electoral ward



Age Standardised Admission Rate

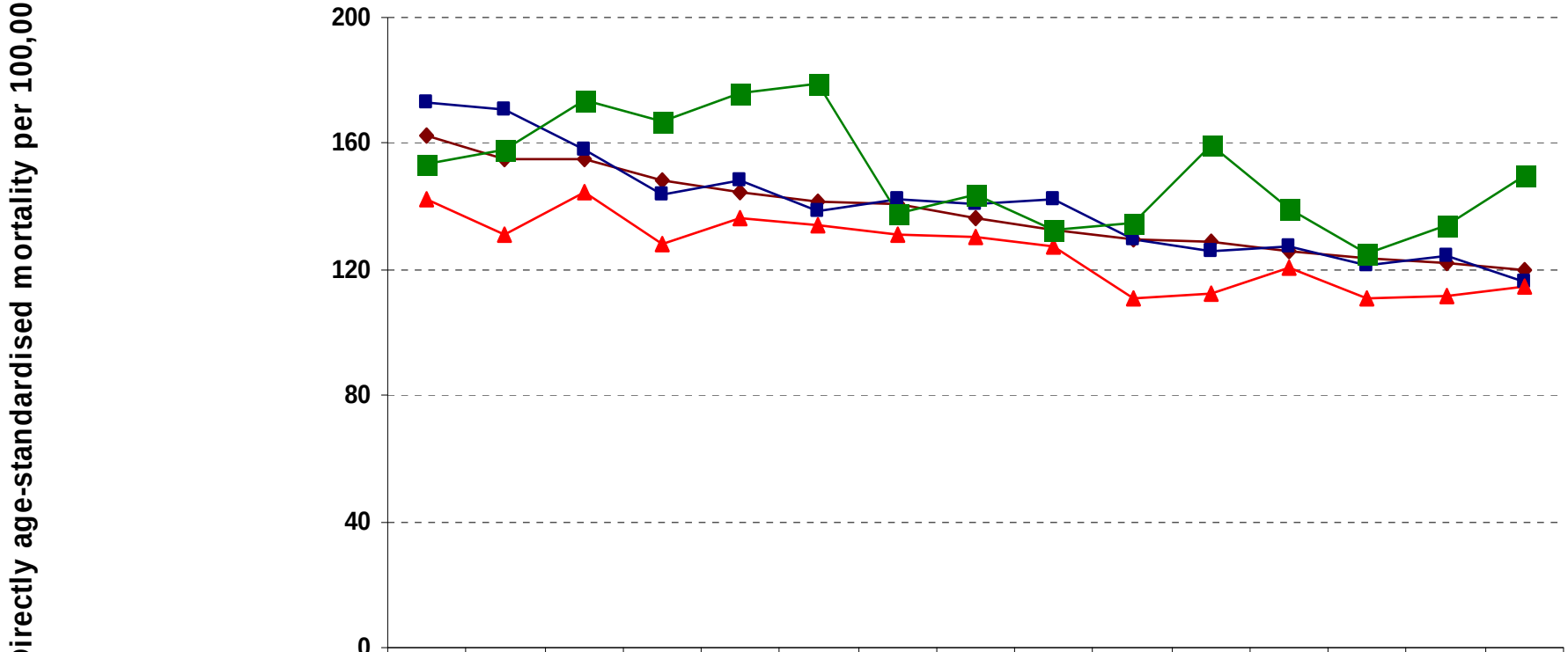
- Worst Quintile (20% highest rates)
-
-
-
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory

All cancers

Mortality from all cancers aged under 75, Males

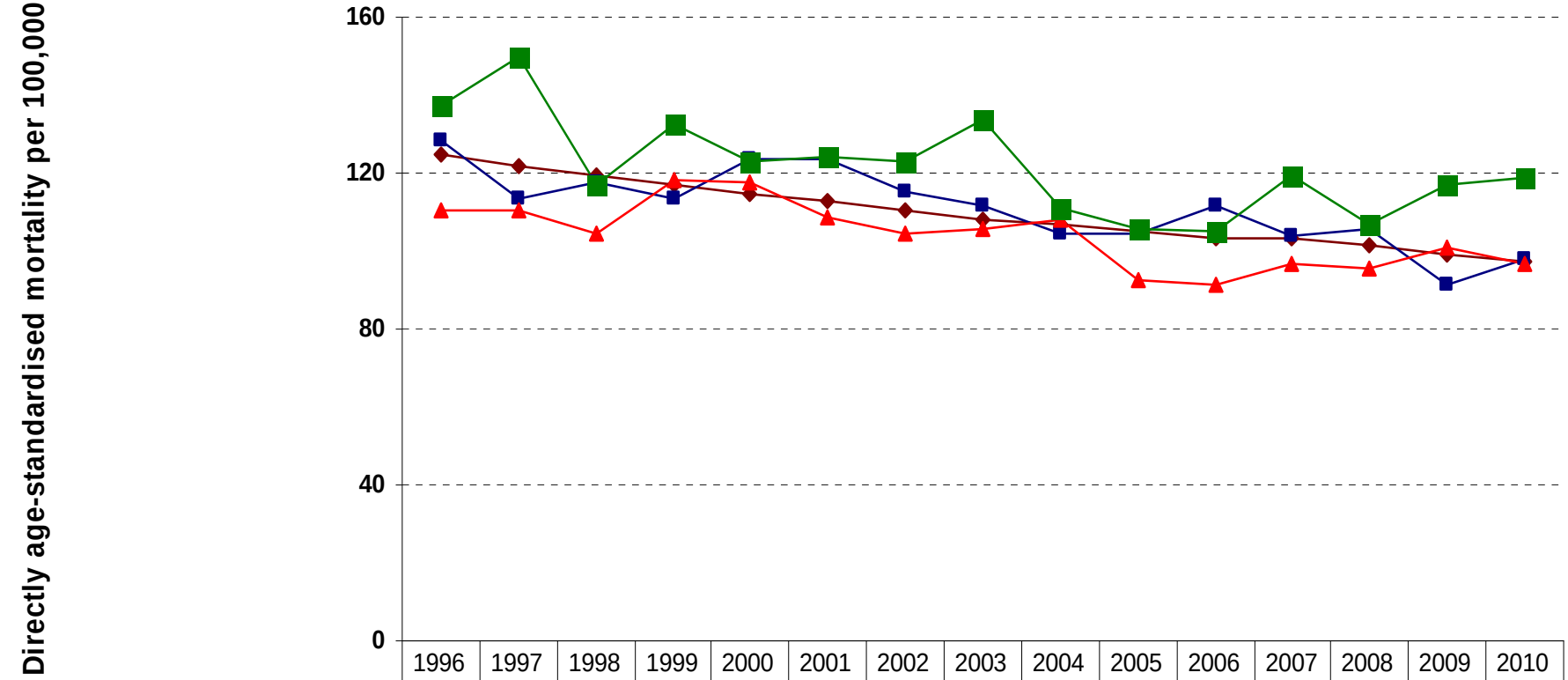
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	162.5	155.2	155.0	148.4	144.5	141.3	140.6	136.5	132.5	129.8	128.8	126.1	123.9	122.0	119.9
NHS Eastern and Coastal Kent	173.3	170.9	158.4	143.5	148.3	138.2	142.2	141.0	142.5	129.9	125.9	127.6	121.6	124.2	116.0
NHS West Kent	142.3	131.2	144.7	128.4	136.3	133.9	131.4	130.1	127.1	111.0	112.1	120.6	110.6	111.3	114.7
Medway	153.6	157.7	174.1	167.3	175.9	179.0	137.9	143.5	132.4	134.5	159.3	139.7	124.9	134.3	149.8

Mortality from all cancers aged under 75, Females

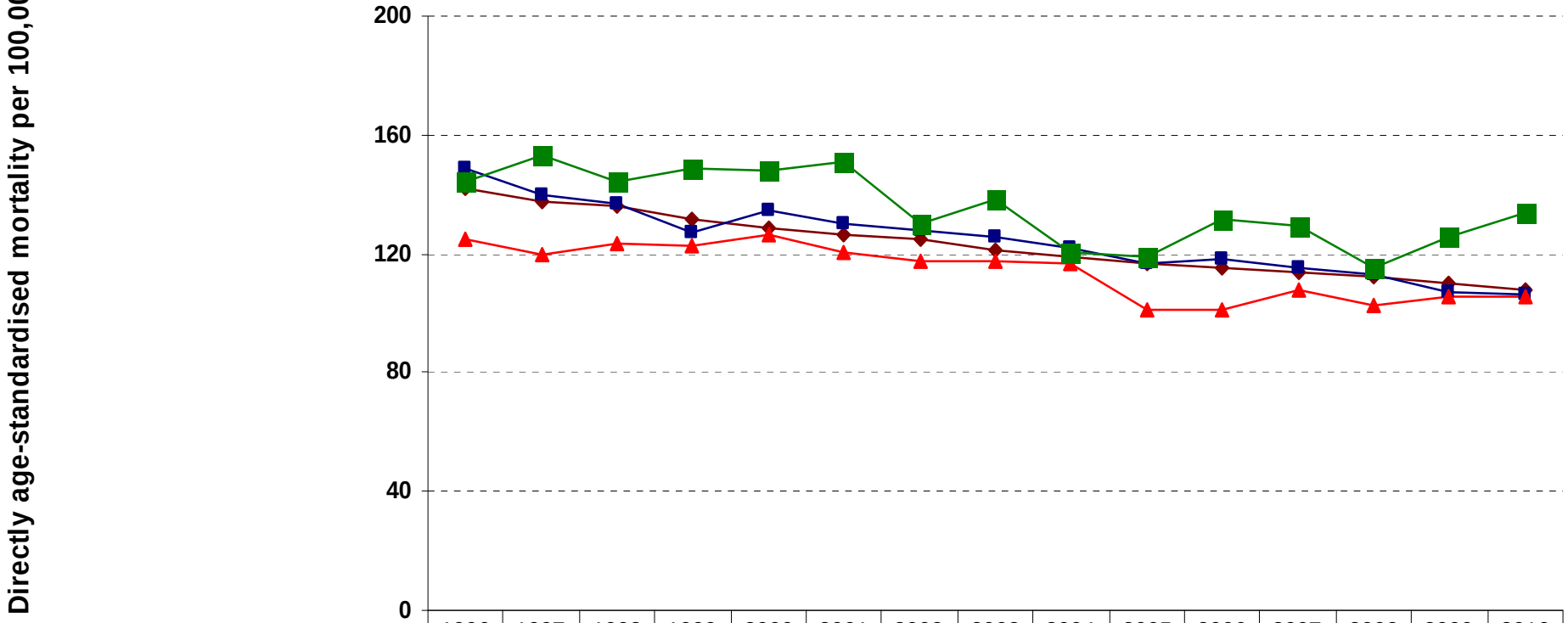
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	124.8	121.8	119.3	116.8	114.8	112.6	110.6	107.8	106.6	105.2	103.4	103.1	101.6	98.9	97.3
NHS Eastern and Coastal Kent	128.2	113.3	117.6	113.5	123.5	123.5	115.2	111.4	104.4	104.7	111.8	103.9	105.8	91.4	98.1
NHS West Kent	110.7	110.3	104.5	118.0	117.3	108.7	104.4	105.6	108.0	92.7	91.5	96.7	95.5	100.8	96.6
Medway	137.4	150.0	117.1	132.6	122.8	124.2	123.1	134.0	111.1	105.4	105.1	119.7	106.7	117.1	119.0

Mortality from all cancers aged under 75, both sexes

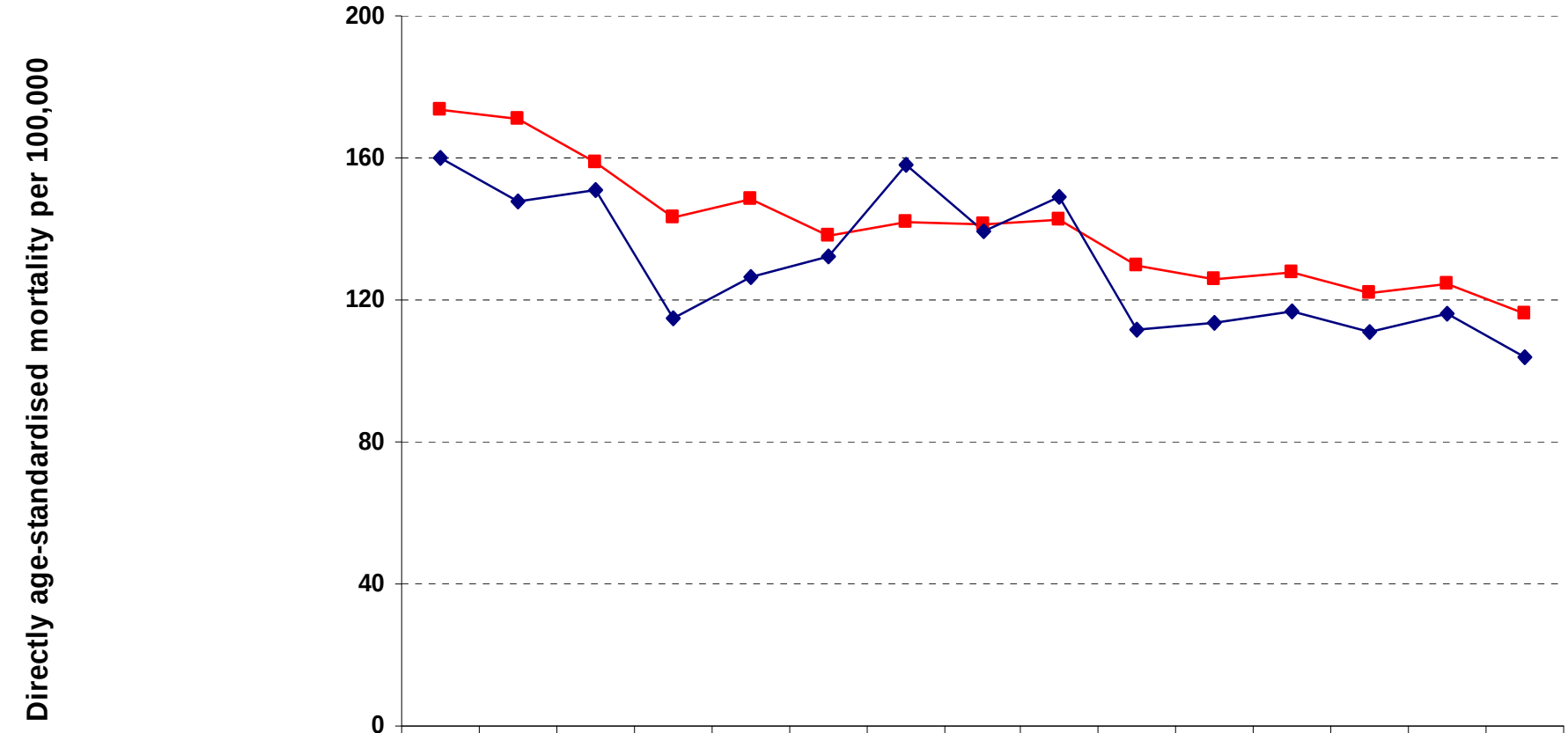
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	142.2	137.2	136.0	131.5	128.7	126.1	124.8	121.4	118.8	116.8	115.5	114.0	112.2	110.0	108.1
NHS Eastern and Coastal Kent	148.6	139.8	136.6	127.1	134.7	130.4	128.0	125.4	122.3	116.6	118.5	115.2	113.3	107.2	106.7
NHS West Kent	125.2	119.7	123.2	122.7	126.3	120.7	117.3	117.2	116.8	101.3	101.2	108.1	102.7	105.7	105.3
Medw ay	144.0	153.3	144.1	148.8	148.1	151.0	130.1	138.2	120.7	118.7	131.4	129.1	115.4	125.3	134.0

Mortality from all cancers aged under 75, Males

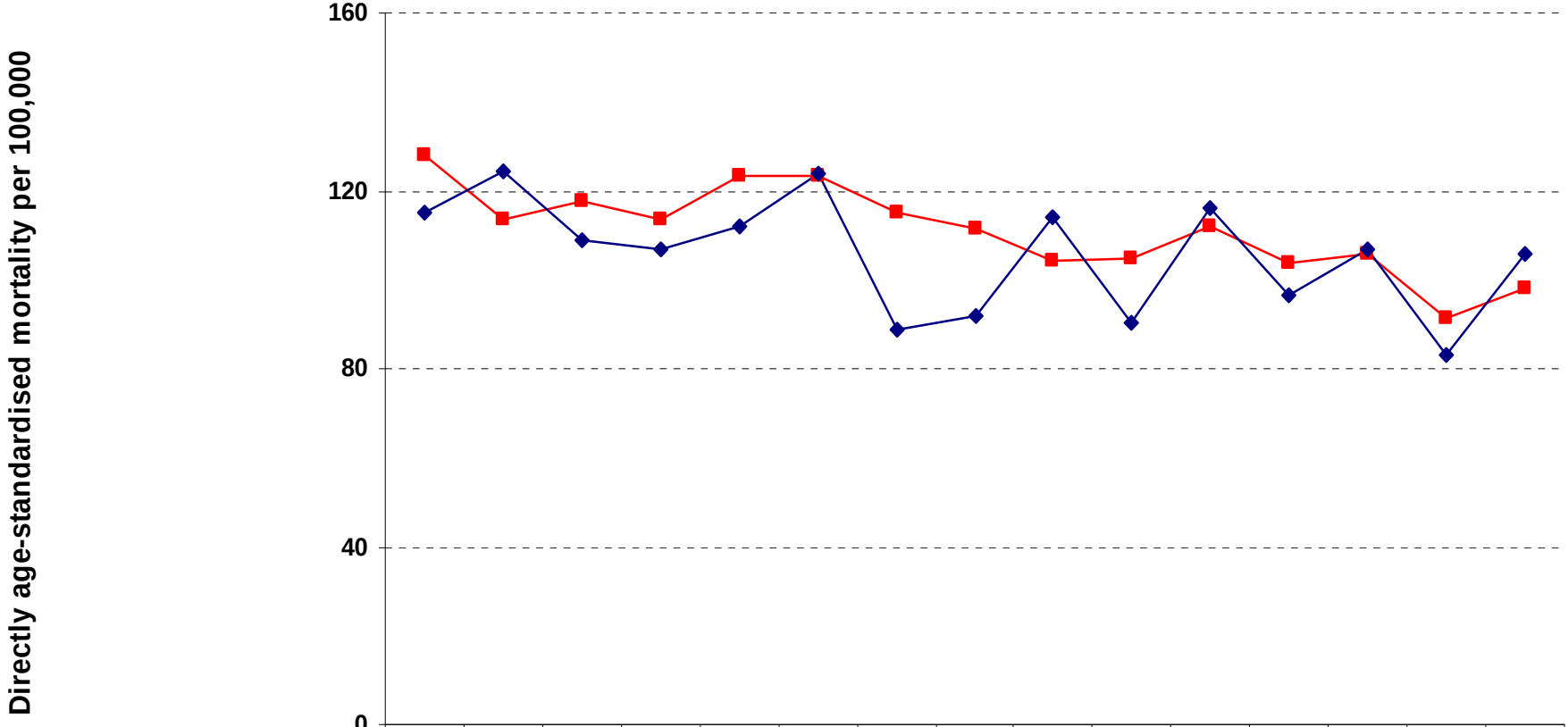
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	173.3	170.9	158.4	143.5	148.3	138.2	142.2	141.0	142.5	129.9	125.9	127.6	121.6	124.2	116.0
Canterbury CD	159.8	147.6	150.8	114.5	126.3	132.1	158.1	139.6	149.1	111.9	113.7	117.0	111.1	116.1	103.7

Mortality from all cancers aged under 75, Females

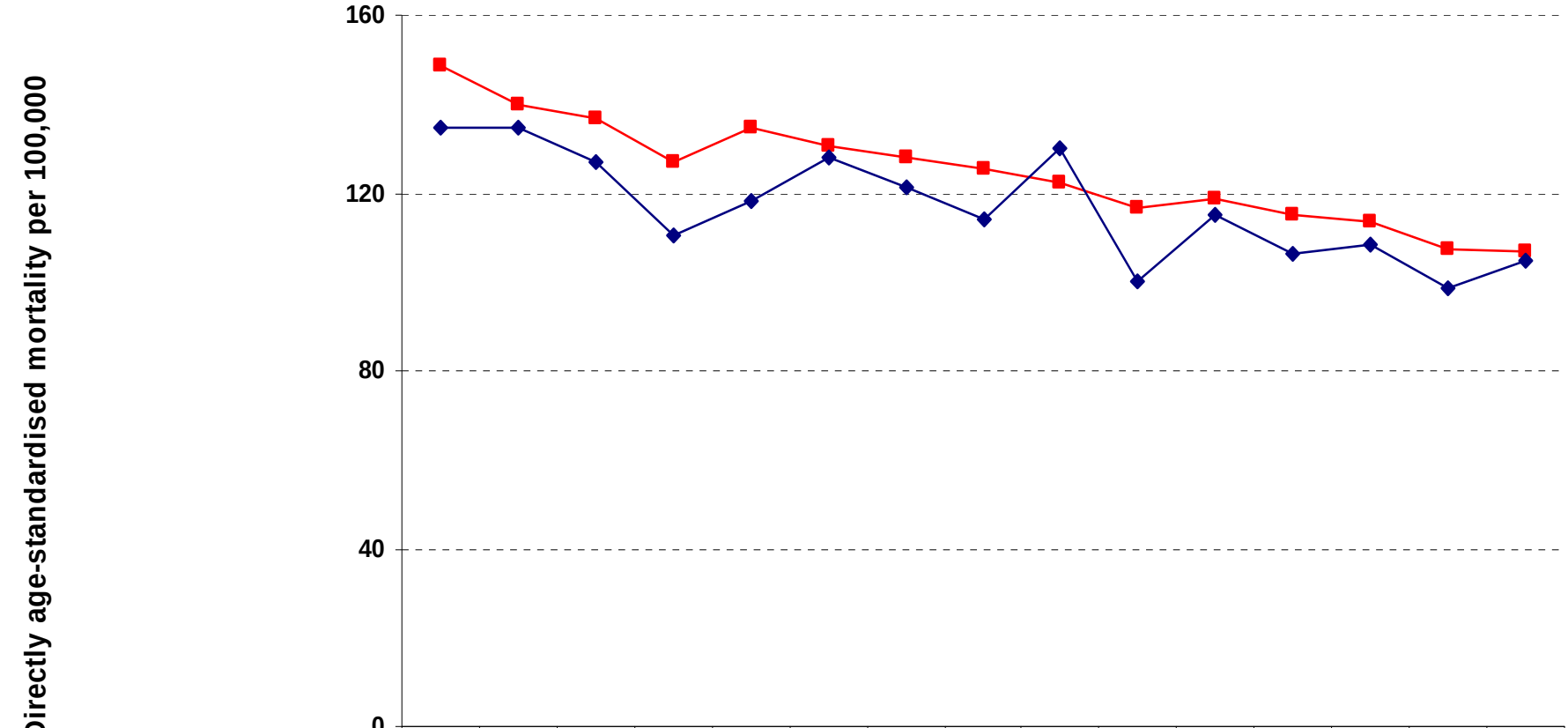
Source: NCHOD



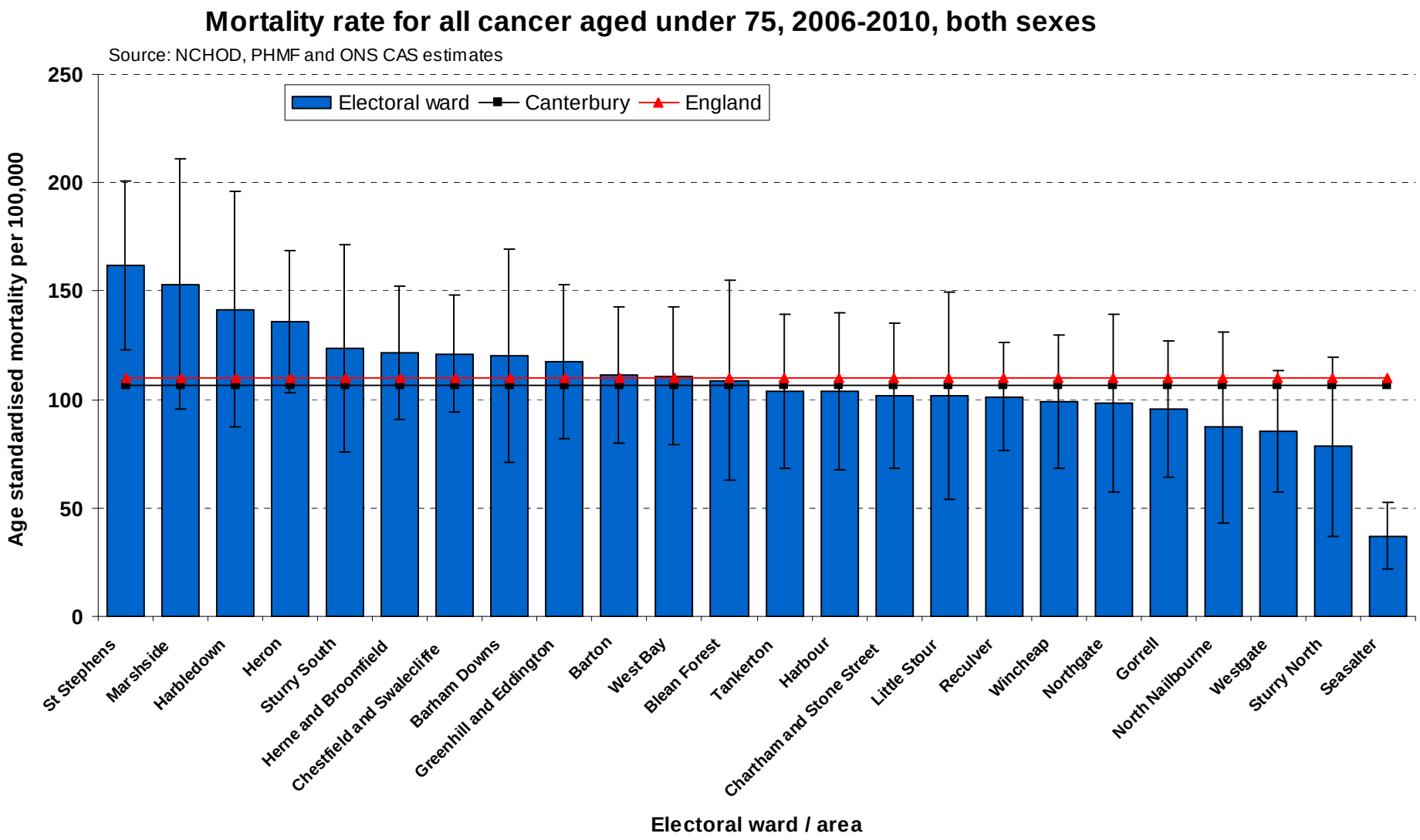
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	128.2	113.3	117.6	113.5	123.5	123.5	115.2	111.4	104.4	104.7	111.8	103.9	105.8	91.4	98.1
Canterbury CD	114.9	124.5	108.9	107.0	111.8	123.8	88.8	91.8	114.0	90.2	116.3	96.7	106.7	83.3	105.7

Mortality from all cancers aged under 75, both sexes

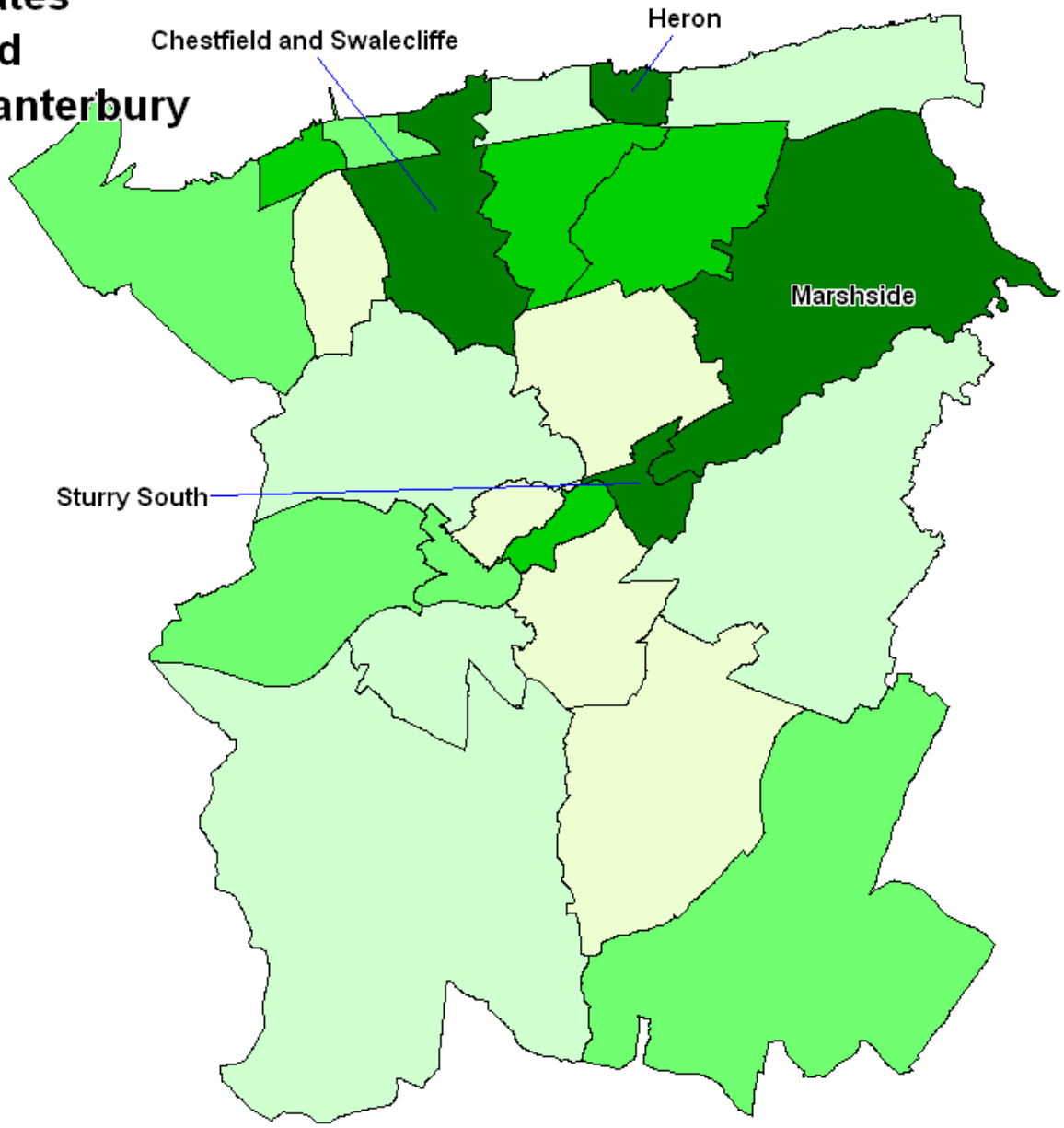
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	148.6	139.8	136.6	127.1	134.7	130.4	128.0	125.4	122.3	116.6	118.5	115.2	113.3	107.2	106.7
Canterbury CD	134.7	134.8	127.1	110.4	118.3	127.8	121.3	113.8	130.0	100.3	115.0	106.2	108.6	98.8	104.6


Mortality rate for all cancer aged under 75, 2006-2010, both sexes
Source: NCHOD, PHMF and ONS CAS estimates
Electoral ward
Canterbury
England
Age standardised mortality per 100,000
250
200
150
100
50
0
St Stephens
Marshside
Harbledown
Heron
Sturry South
Herne and Broomfield
Chestfield and Swalecliffe
Barham Downs
Greenhill and Eddington
Barton
West Bay
Blean Forest
Tankerton
Harbour
Chartham and Stone Street
Little Stour
Reculver
Wincheap
Northgate
Gorrell
North Nailbourne
Westgate
Sturry North
Seasalter
Electoral ward / area

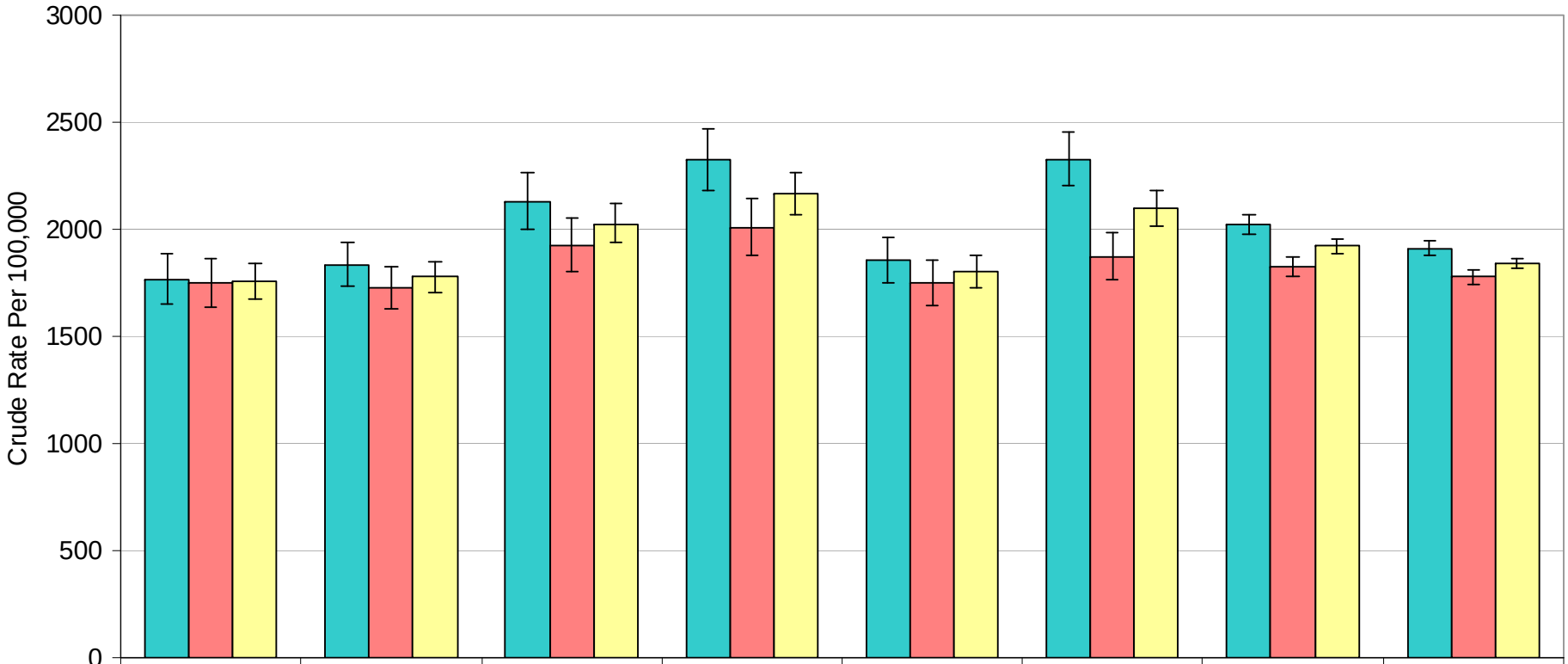
Age Standardised Mortality Rates for 2005-2009 at Electoral Ward - Under 75 Cancer Mortality Canterbury



Local Quintile

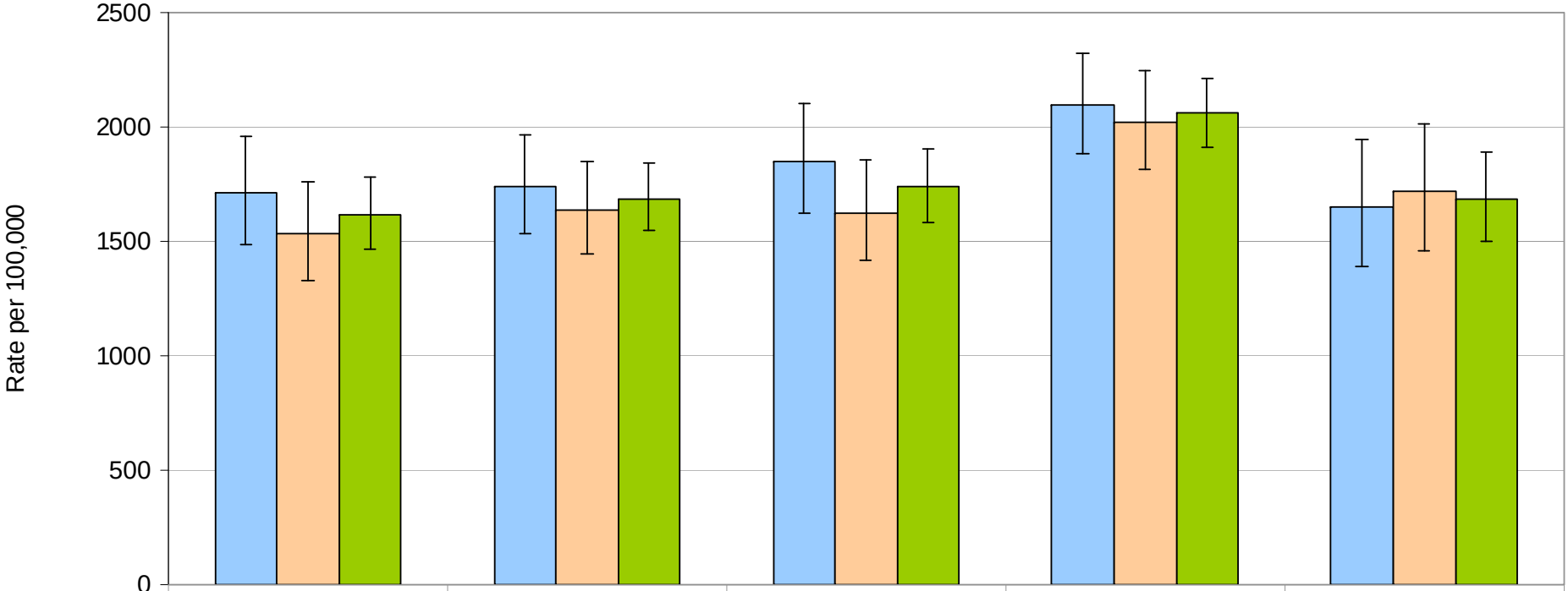
- Worst Quintile
-
-
-
- Best Quintile

Crude Cancer Registration Rates for the Period 2005 - 2009 for All Cancers in the Under 75s
Local Authorities in East Kent
Sources: Thames Cancer Registry; ONS Mid-Year Population Estimates



	Ashford	Canterbury	Dover	Shepway	Swale	Thanet	ECK Total	KCC Total
Males	1768.6	1837.6	2133.1	2326.4	1855.6	2329.2	2024.4	1912.9
Females	1748.3	1726.6	1927.3	2009.3	1752.6	1874.7	1828.7	1780.2
Persons	1758.3	1781.1	2028.5	2165.7	1804.4	2097.1	1925.3	1845.9

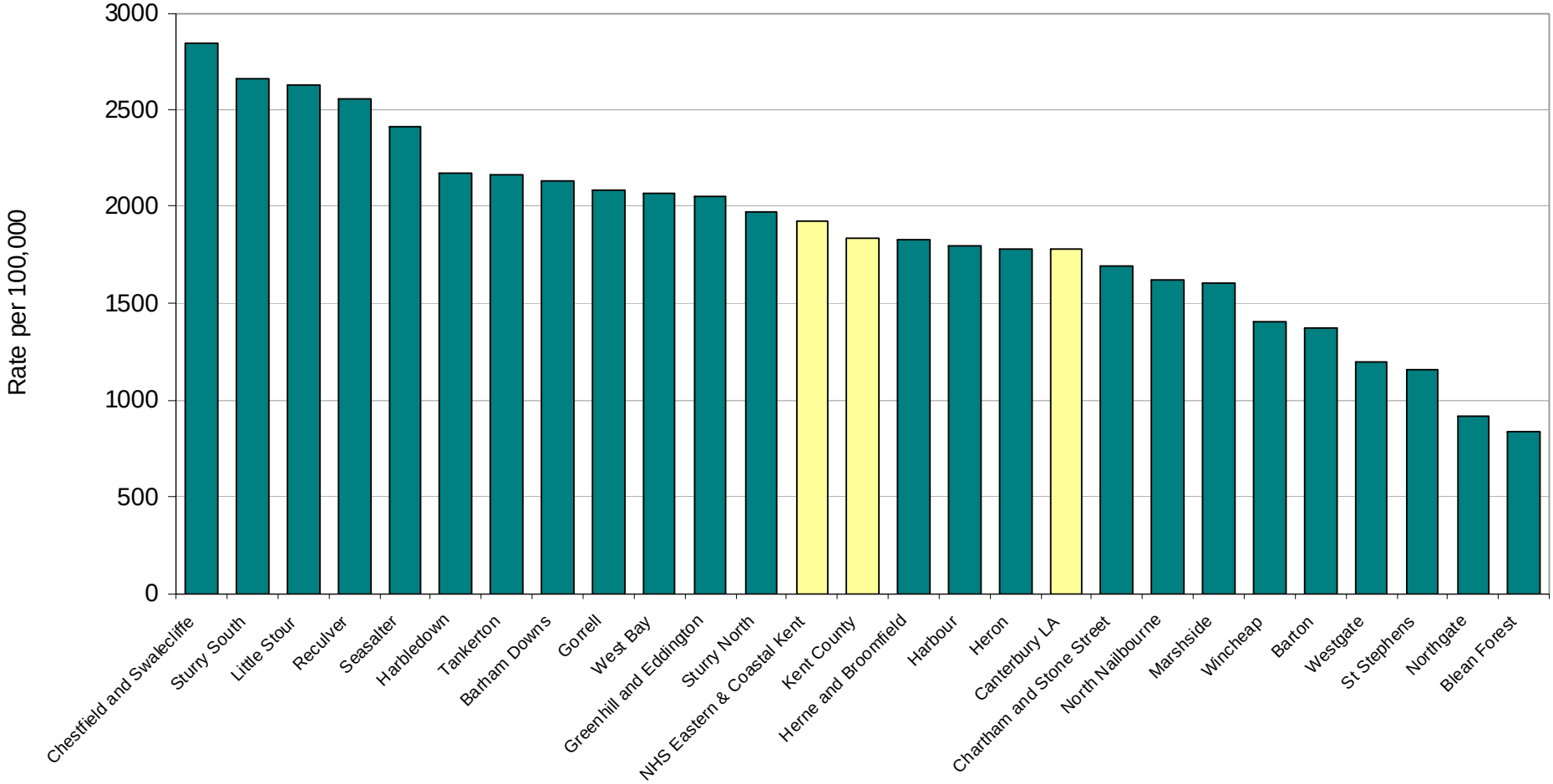
Crude Cancer Registration Rates for the Period 2005-2009.
All Cancers in People Aged Under 75 by Local Deprivation Quintile in Canterbury Local Authority
Sources: Thames Cancer Registry; ONS Mid-Year Population Estimates



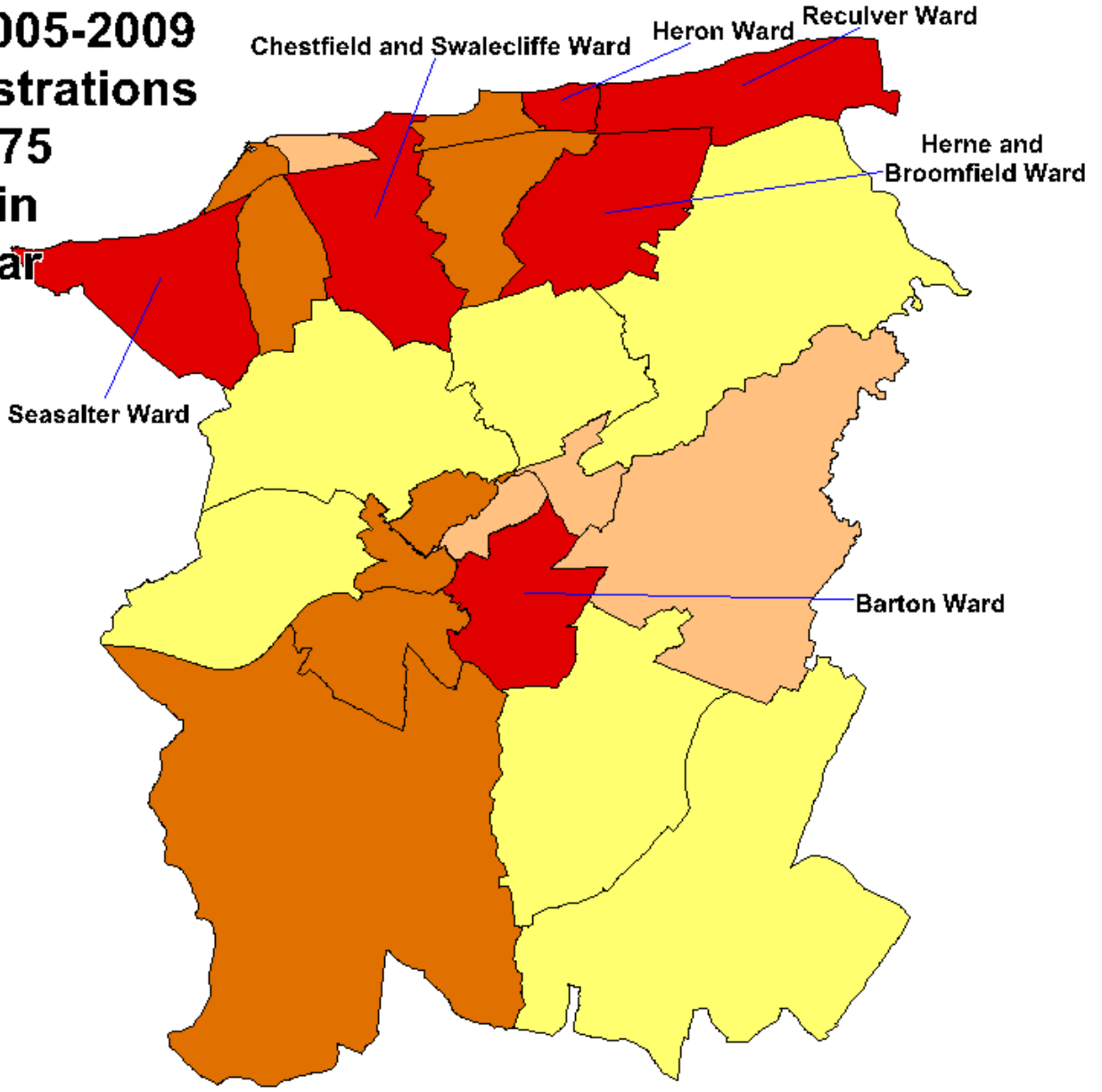
	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5
Males	1711.2	1742.3	1853.0	2096.6	1650.4
Females	1534.1	1638.7	1628.4	2025.2	1719.5
Persons	1619.7	1690.0	1738.8	2060.3	1685.5

<1 = most deprived ---------- least deprived = 5 >

Crude Cancer Registration Rates for the Period 2005-2009 for All Cancers.
Persons Aged Under 75 Resident in Canterbury Local Authority
Sources: Thames Cancer Registry, ONS Mid-Year Population Estimates



Cancer registrations 2005-2009 Number of cancer registrations for people aged under 75 in each electoral ward in Canterbury in a five year period.

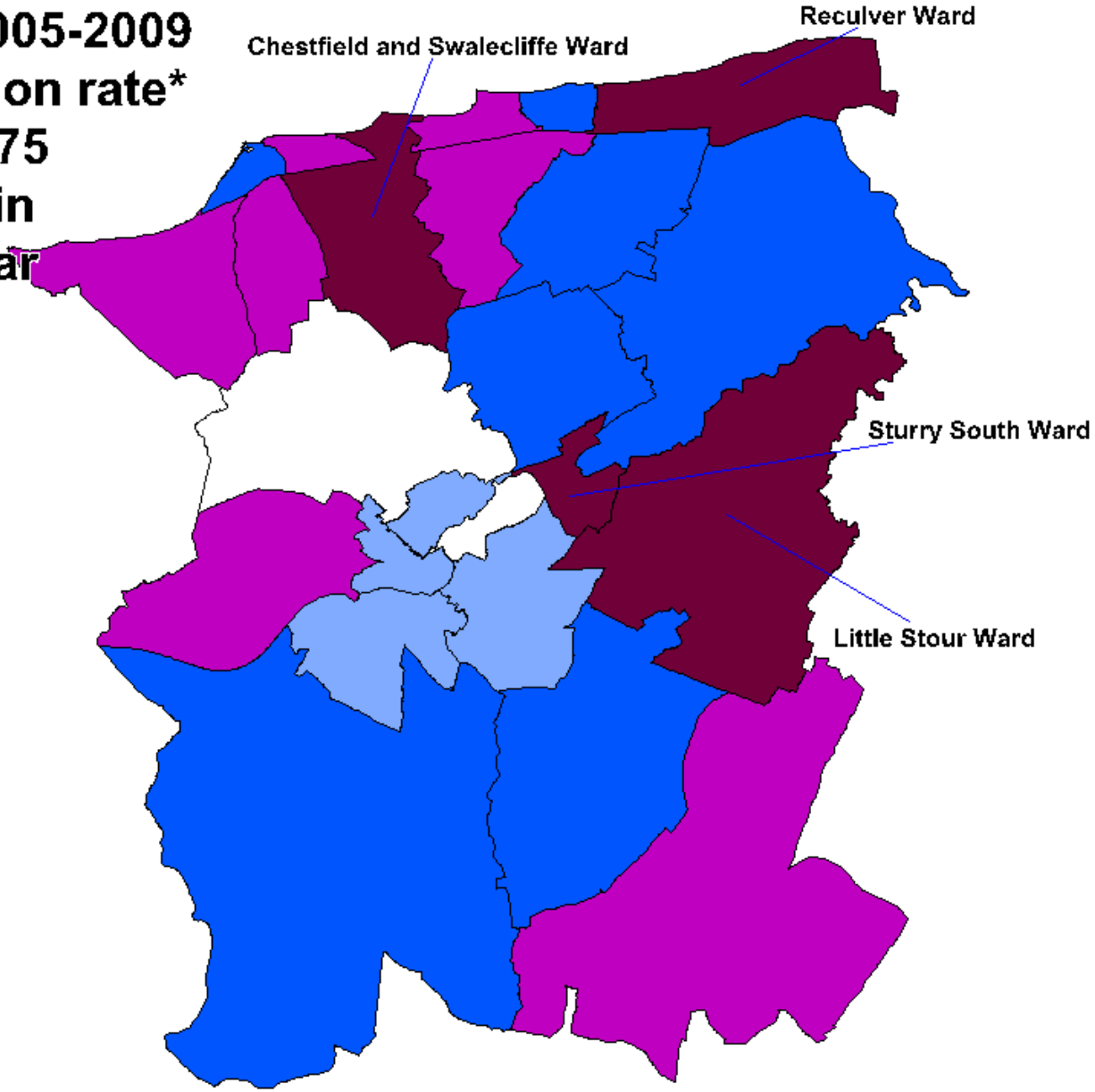


Number of U75 cancer registrations

- More than 100
- 90 to 120
- 60 to 90
- 30 to 60
- Less than 25

Source: Thames Cancer Registry

Cancer registrations 2005-2009 Crude cancer registration rate* for people aged under 75 in each electoral ward in Canterbury in a five year period.



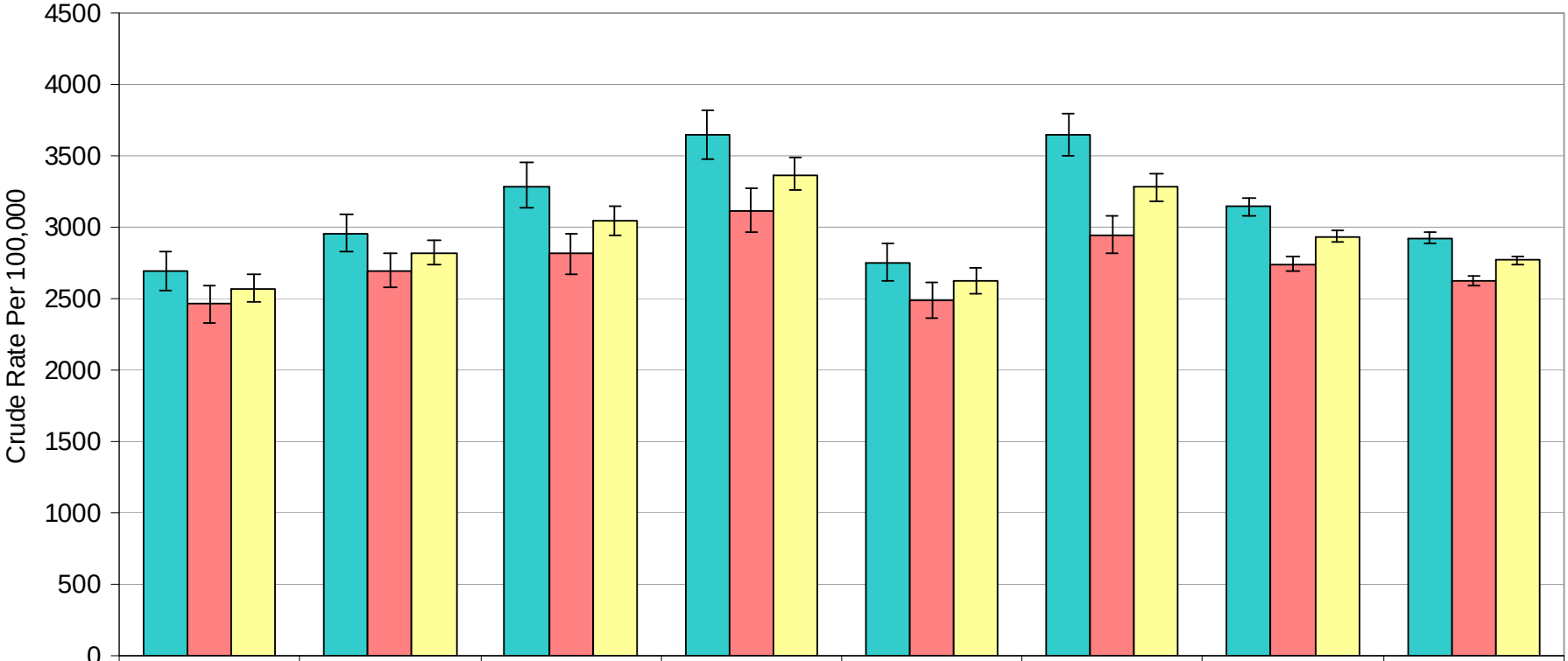
U75 cancer 5yr registration rate per 100,000

- More than 2500
- 2,000 to 2,500
- 1,500 to 2,000
- 1,000 to 1,500
- Less than 1000

* per 100,000 resident population

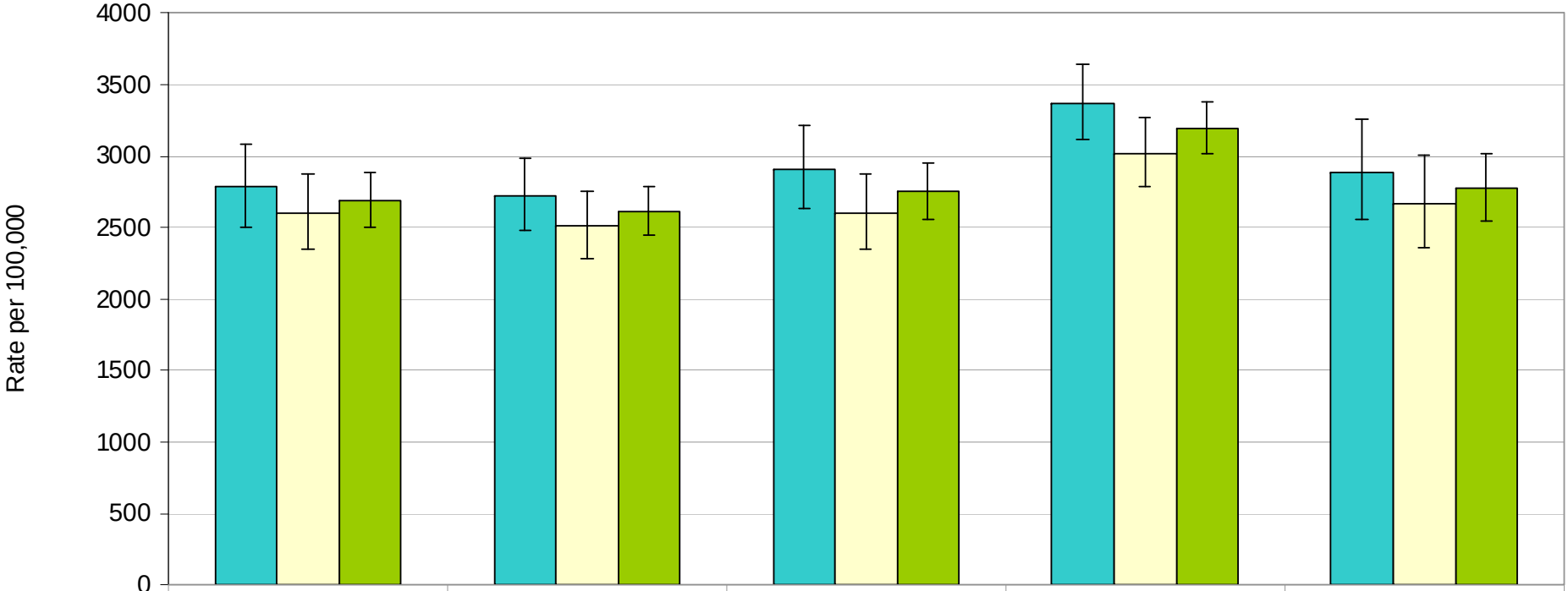
Source: Thames Cancer Registry

Crude Cancer Registration Rates for the Period 2005 - 2009 for All Cancers in People All Ages
Local Authorities in East Kent
Sources: Thames Cancer Registry; ONS Mid-Year Population Estimates



	Ashford	Canterbury	Dover	Shepway	Swale	Thanet	ECK Total	KCC Total
Males	2693.0	2961.3	3292.2	3646.7	2758.5	3647.3	3145.0	2926.4
Females	2464.9	2696.8	2817.4	3115.9	2492.2	2950.8	2746.7	2629.7
Persons	2576.0	2823.9	3045.9	3372.1	2624.2	3283.4	2939.5	2773.9

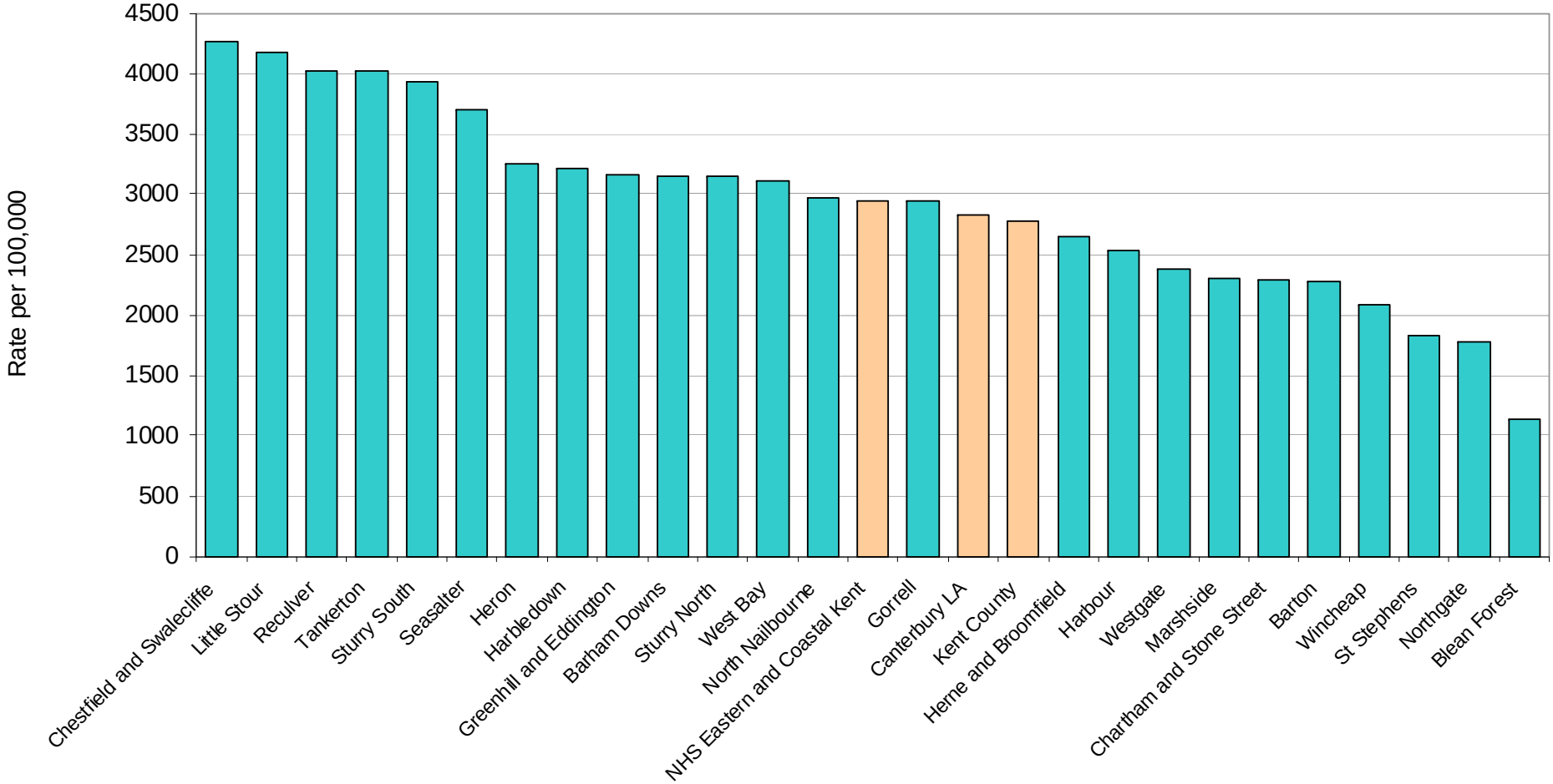
Crude Cancer Registration Rates for the Period 2005-2009.
All Cancers in People All Ages by Local Deprivation Quintile in Canterbury Local Authority
Sources: Thames Cancer Registry; ONS Mid-Year Population Estimates



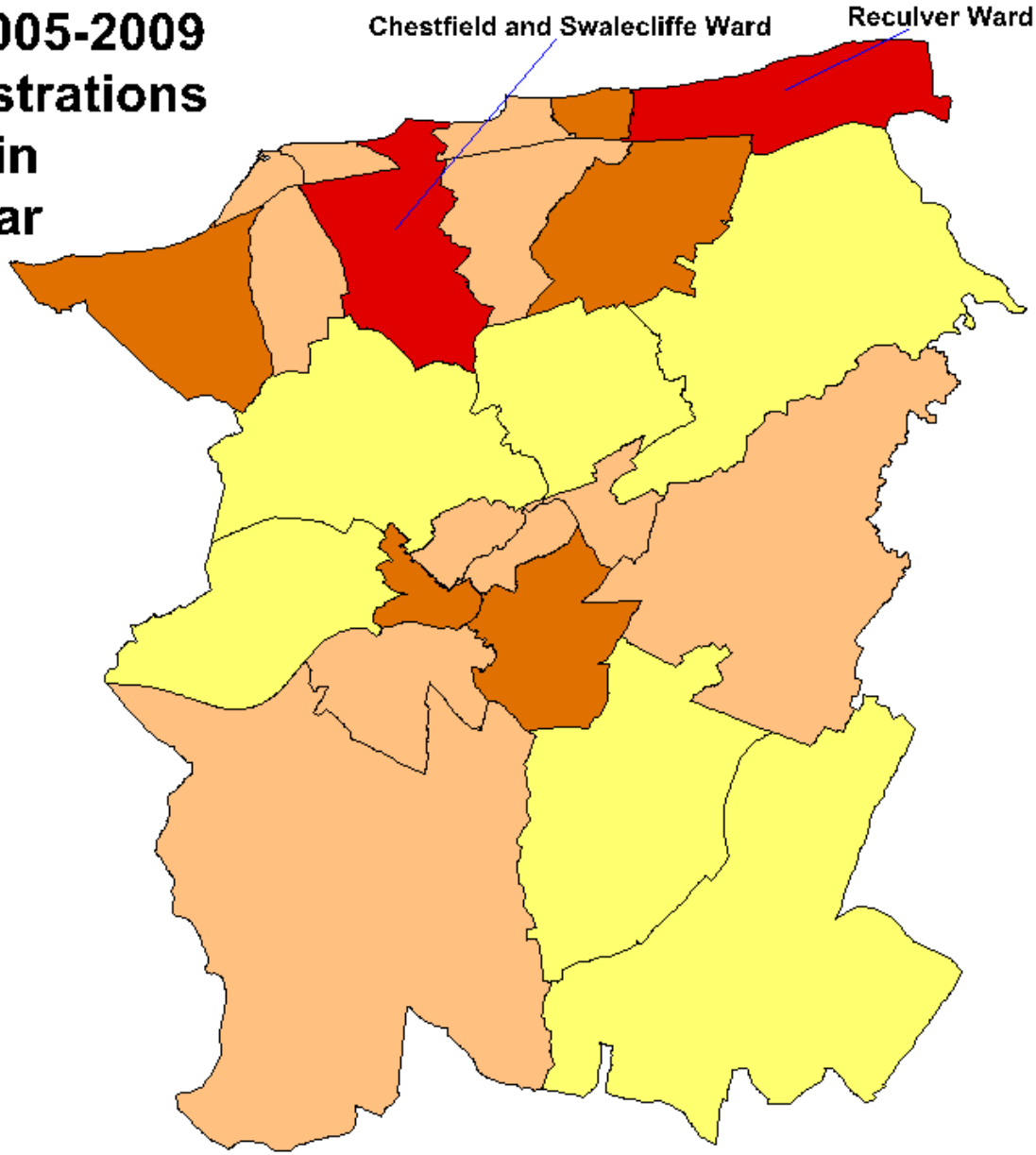
	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5
Males	2784.6	2723.5	2911.0	3370.1	2890.0
Females	2603.8	2507.9	2599.9	3018.6	2670.4
Persons	2688.6	2612.8	2749.6	3188.6	2775.6

<1 = most deprived ---------- least deprived = 5 >

Crude Cancer Registration Rates for the Period 2005-2009 for All Cancers.
Persons All Ages Resident in Canterbury Local Authority
Sources: Thames Cancer Registry, ONS Mid-Year Population Estimates



Cancer registrations 2005-2009 Number of cancer registrations in each electoral ward in Canterbury in a five year period.

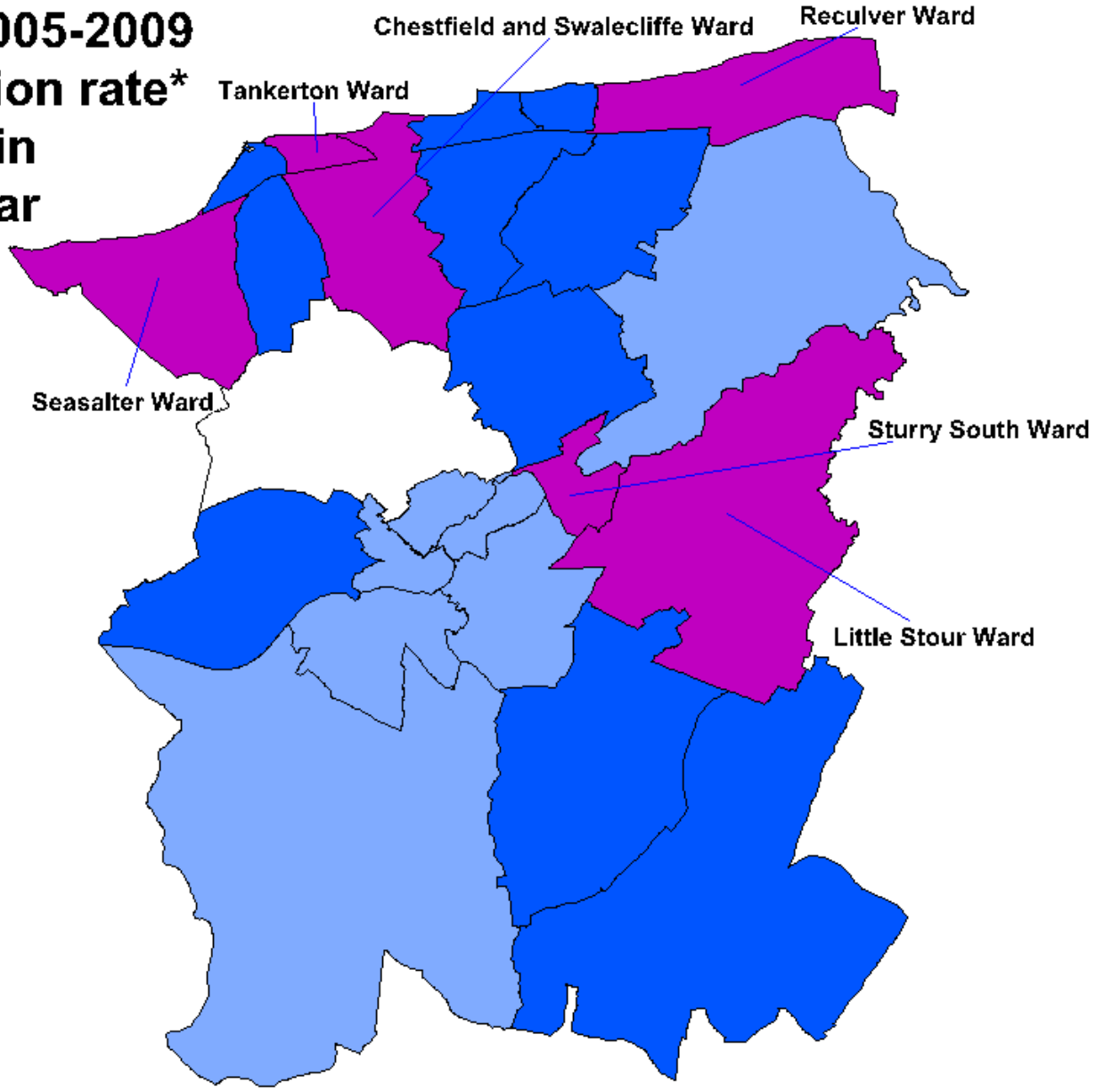


Number of cancer registrations

- More than 300
- 200 to 300
- 100 to 200
- 50 to 100
- Less than 50

Source: Thames Cancer Registry

Cancer registrations 2005-2009 Crude cancer registration rate* in each electoral ward in Canterbury in a five year period.



Crude cancer registration rate per 100,000

- More than 4000
- 3,250 to 4,500
- 2,500 to 3,250
- 1,500 to 2,500
- Less than 1500

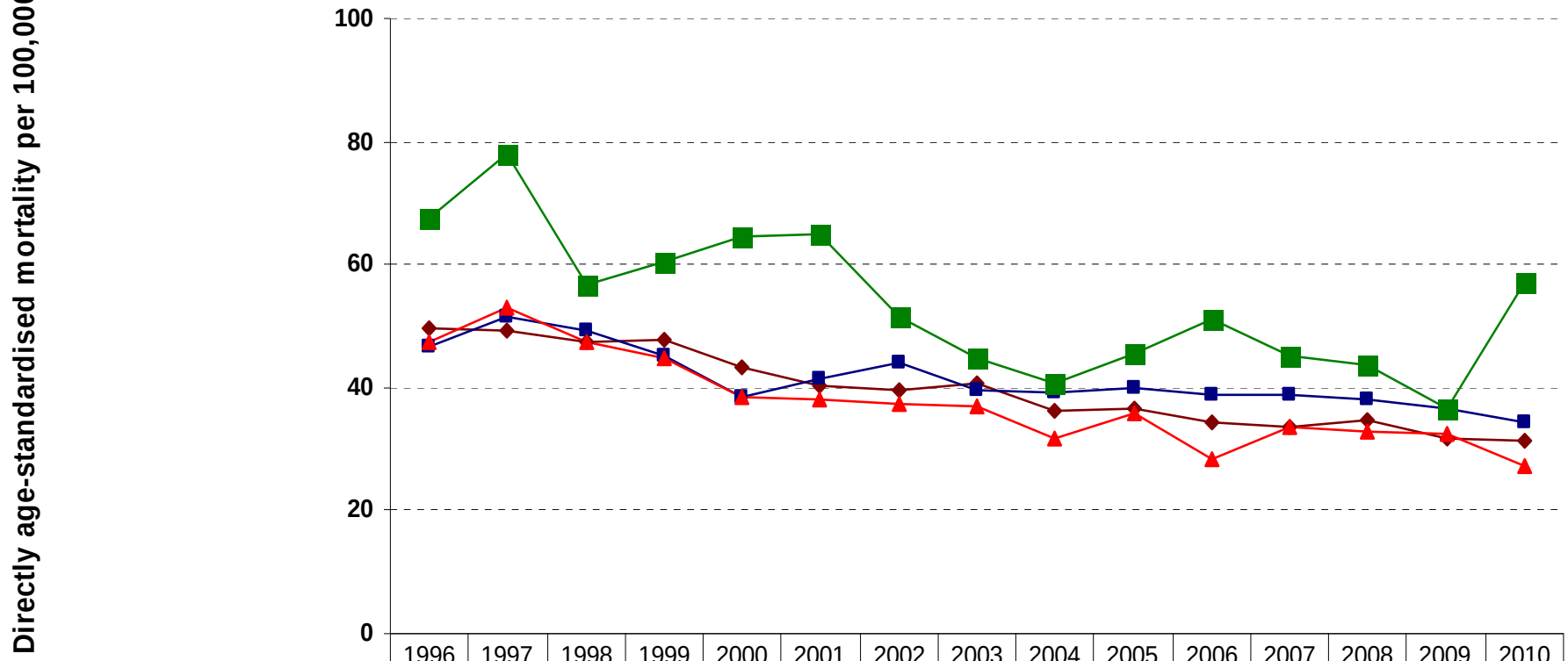
* per 100,000 resident population

Source: Thames Cancer Registry

Respiratory disease

Mortality from bronchitis, emphysema and other COPD, all ages, Males

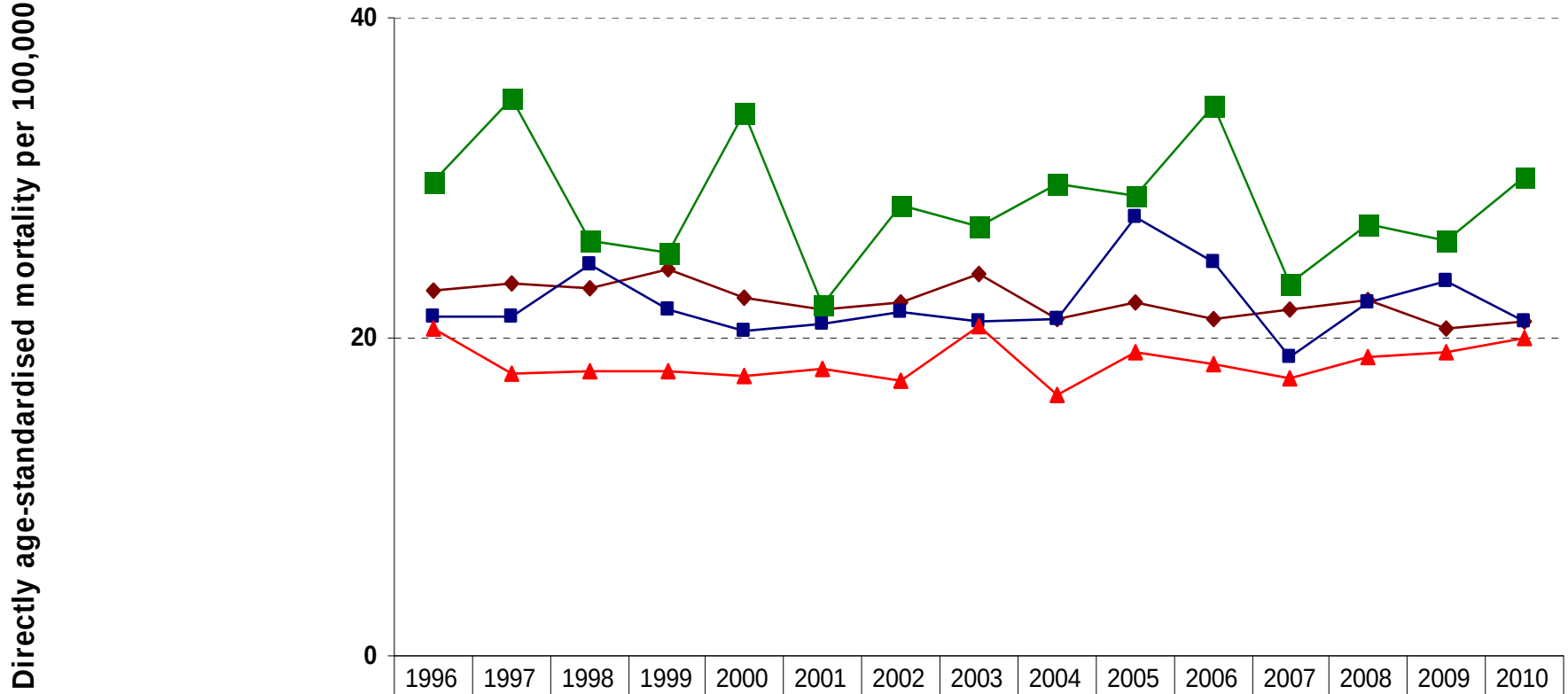
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	49.8	49.4	47.2	47.9	43.2	40.2	39.6	40.6	36.3	36.5	34.2	33.5	34.6	31.7	31.3
NHS Eastern and Coastal Kent	46.8	51.5	49.3	45.3	38.3	41.6	44.2	39.6	39.1	39.8	39.0	39.0	38.1	36.7	34.4
NHS West Kent	47.2	53.0	47.4	44.7	38.6	38.2	37.2	37.1	31.6	36.0	28.2	33.7	32.8	32.6	27.3
Medway	67.4	78.2	56.8	60.6	64.7	64.8	51.6	44.7	40.7	45.6	51.1	45.1	43.7	36.7	57.0

Mortality from bronchitis, emphysema and other COPD, all ages, Females

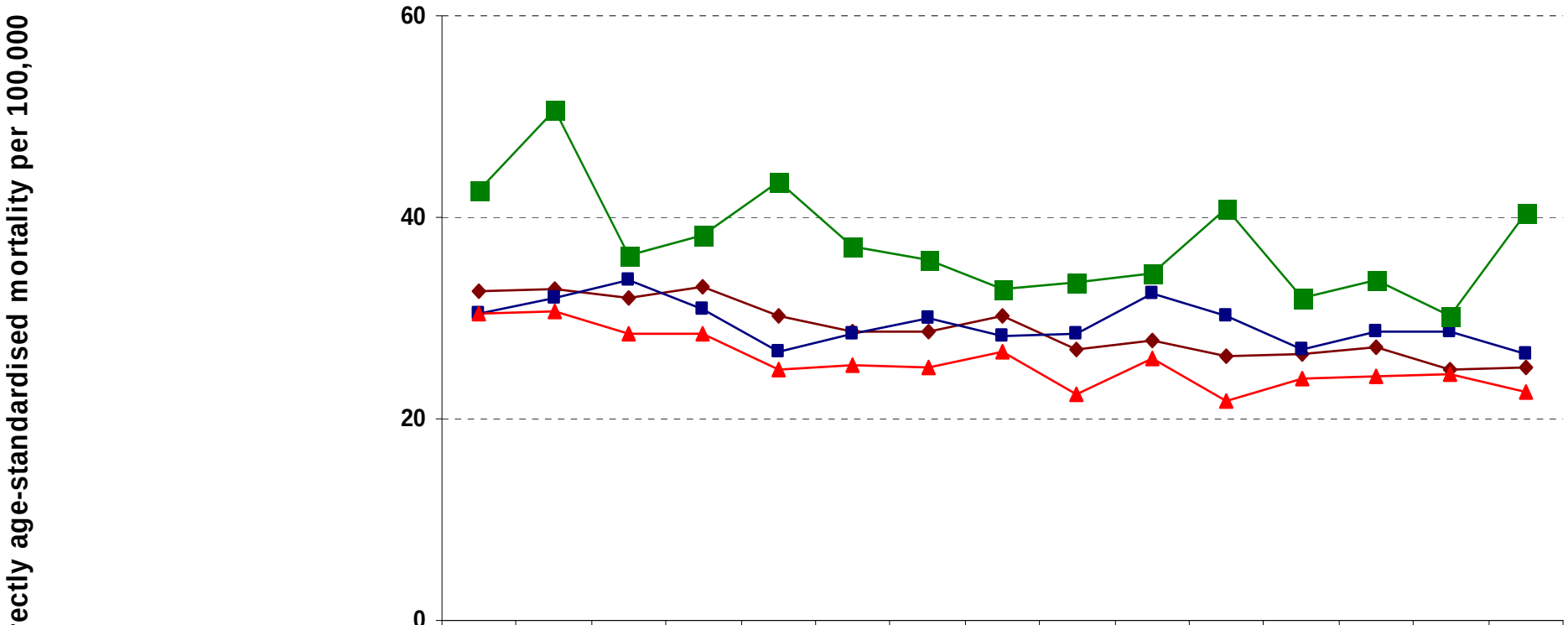
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	22.9	23.4	23.0	24.2	22.5	21.7	22.2	24.0	21.2	22.2	21.1	21.7	22.4	20.5	21.0
NHS Eastern and Coastal Kent	21.3	21.3	24.6	21.7	20.4	20.8	21.6	21.0	21.1	27.5	24.7	18.7	22.2	23.5	20.9
NHS West Kent	20.5	17.8	17.8	17.9	17.6	18.0	17.3	20.7	16.4	19.0	18.2	17.4	18.7	19.0	19.9
Medway	29.7	34.9	26.0	25.2	34.1	22.0	28.3	26.9	29.6	28.9	34.5	23.3	27.0	26.1	30.1

Mortality from bronchitis, emphysema and other COPD, all ages, both sexes

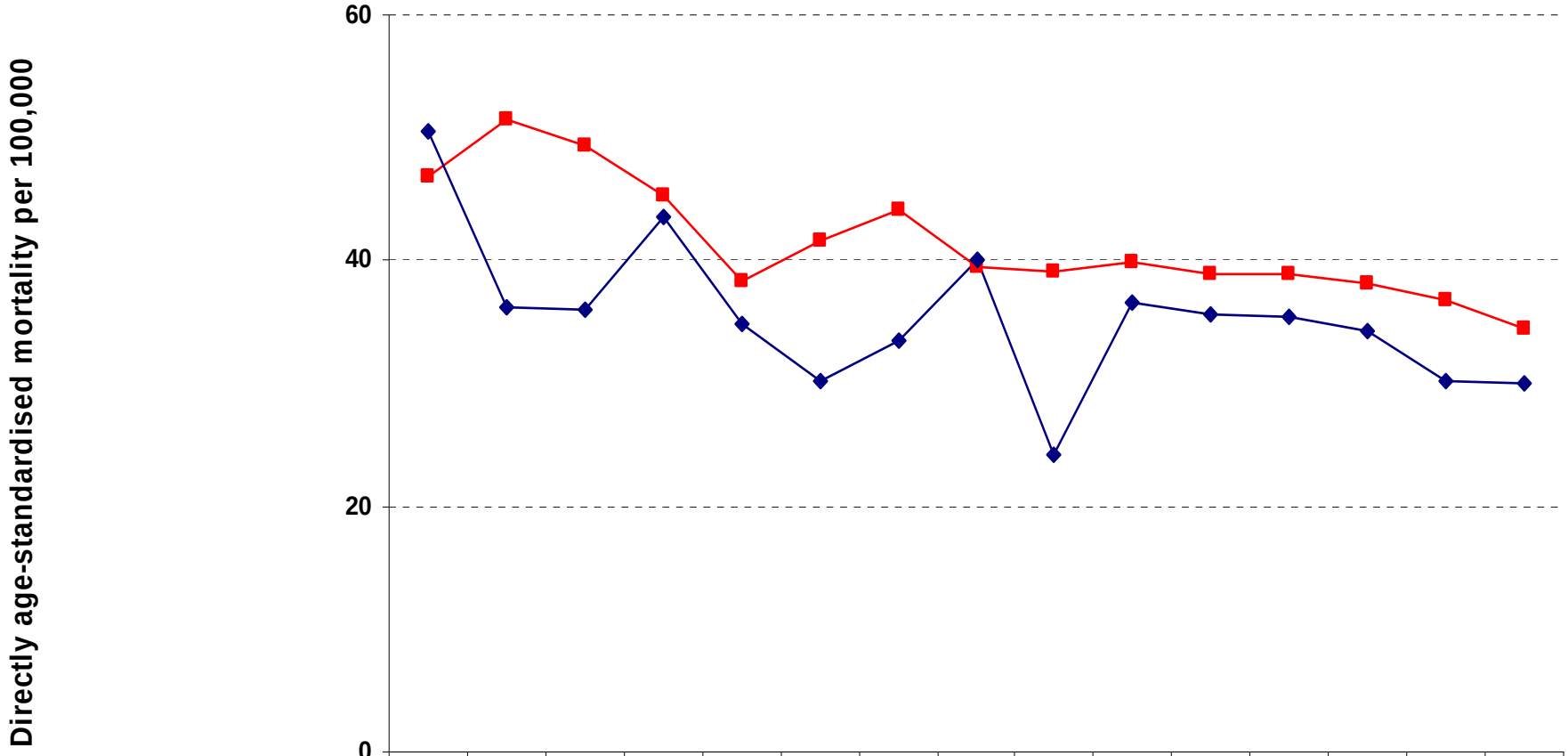
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	32.7	33.0	32.0	33.1	30.3	28.6	28.8	30.2	26.9	27.8	26.3	26.3	27.2	25.0	25.2
NHS Eastern and Coastal Kent	30.5	32.1	33.8	30.9	26.6	28.6	30.0	28.3	28.5	32.3	30.3	26.9	28.7	28.8	26.5
NHS West Kent	30.5	30.7	28.5	28.4	25.0	25.4	25.2	26.7	22.4	25.9	21.8	24.0	24.3	24.6	22.6
Medway	42.8	50.7	36.2	38.1	43.6	37.0	35.8	32.9	33.7	34.5	40.9	32.0	33.8	30.2	40.4

Mortality from bronchitis, emphysema and other COPD, all ages, Males

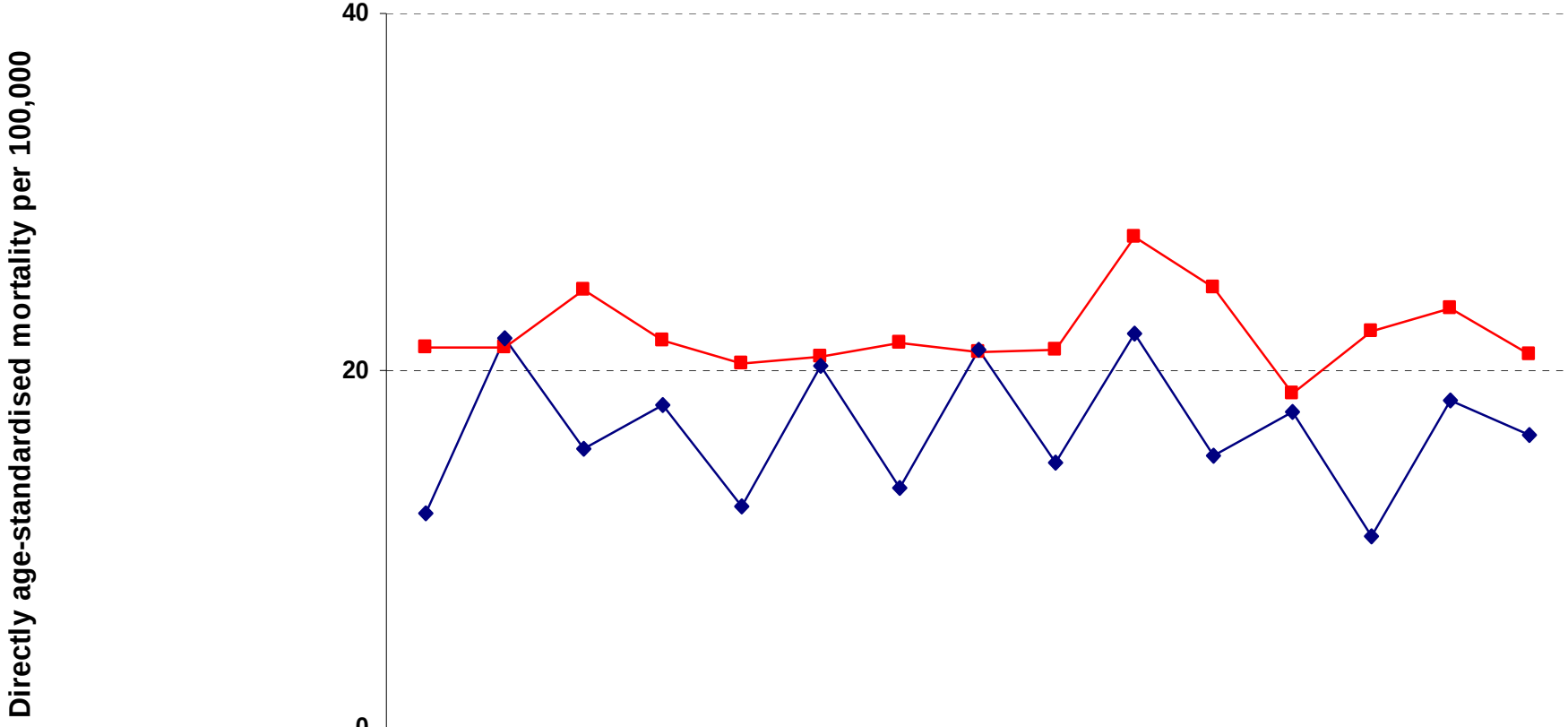
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	46.8	51.5	49.3	45.3	38.3	41.6	44.2	39.6	39.1	39.8	39.0	39.0	38.1	36.7	34.4
Canterbury CD	50.6	36.2	36.0	43.5	34.9	30.2	33.5	40.1	24.2	36.6	35.5	35.4	34.3	30.2	30.0

Mortality from bronchitis, emphysema and other COPD, all ages, Females

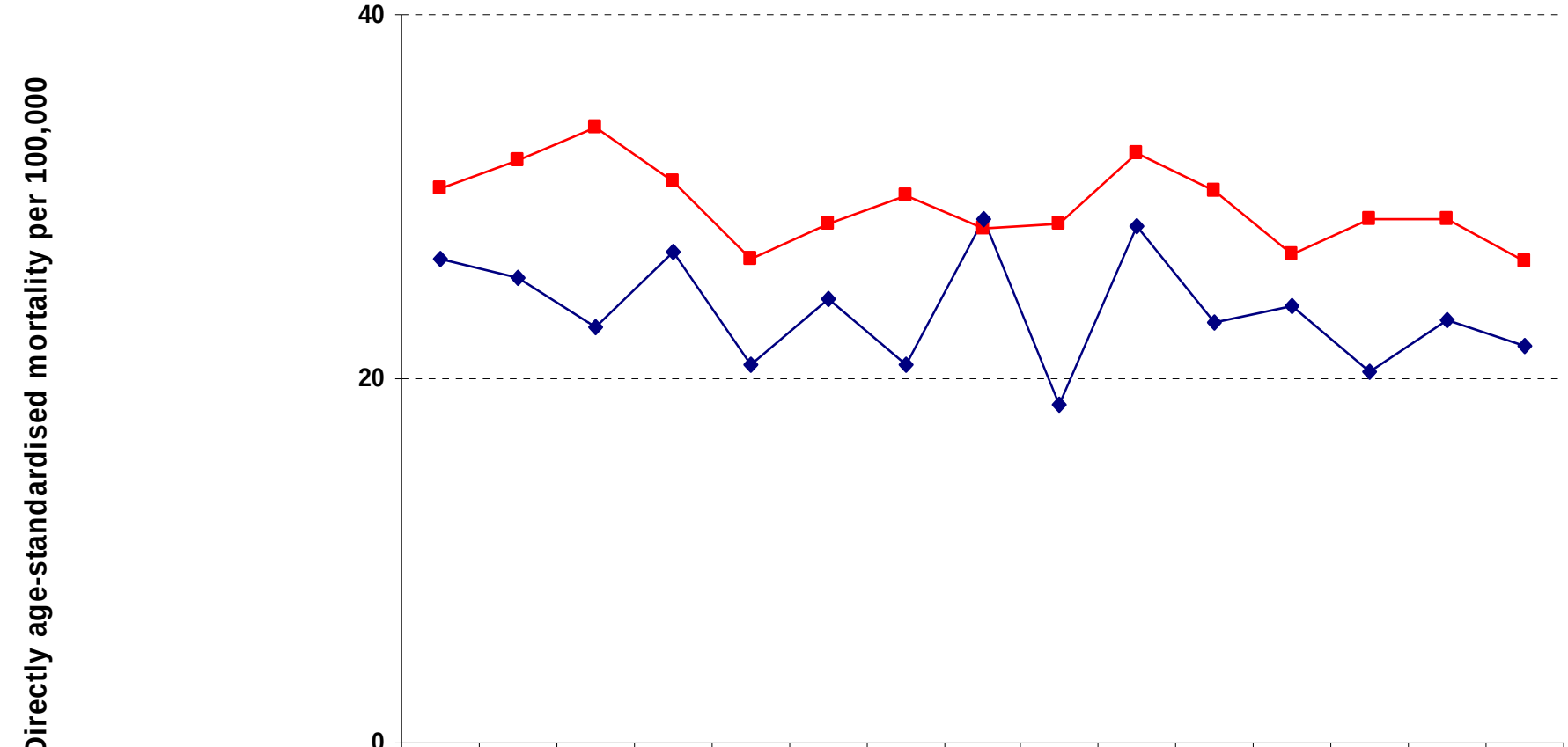
Source: NCHOD



	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	21.3	21.3	24.6	21.7	20.4	20.8	21.6	21.0	21.1	27.5	24.7	18.7	22.2	23.5	20.9
Canterbury CD	12.0	21.8	15.6	18.0	12.4	20.3	13.4	21.2	14.9	22.0	15.2	17.7	10.7	18.3	16.5

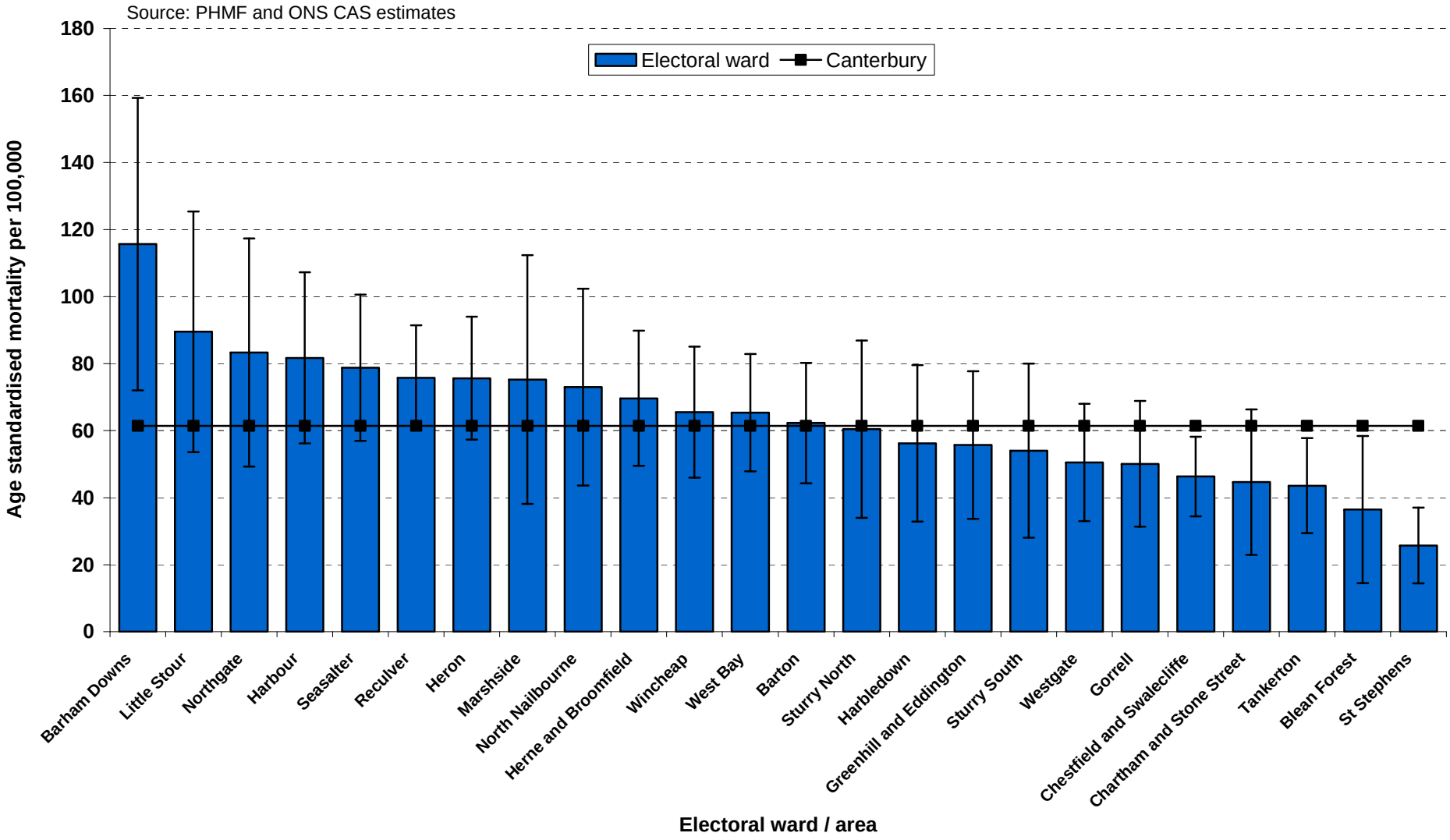
Mortality from bronchitis, emphysema and other COPD, all ages, both sexes

Source: NCHOD

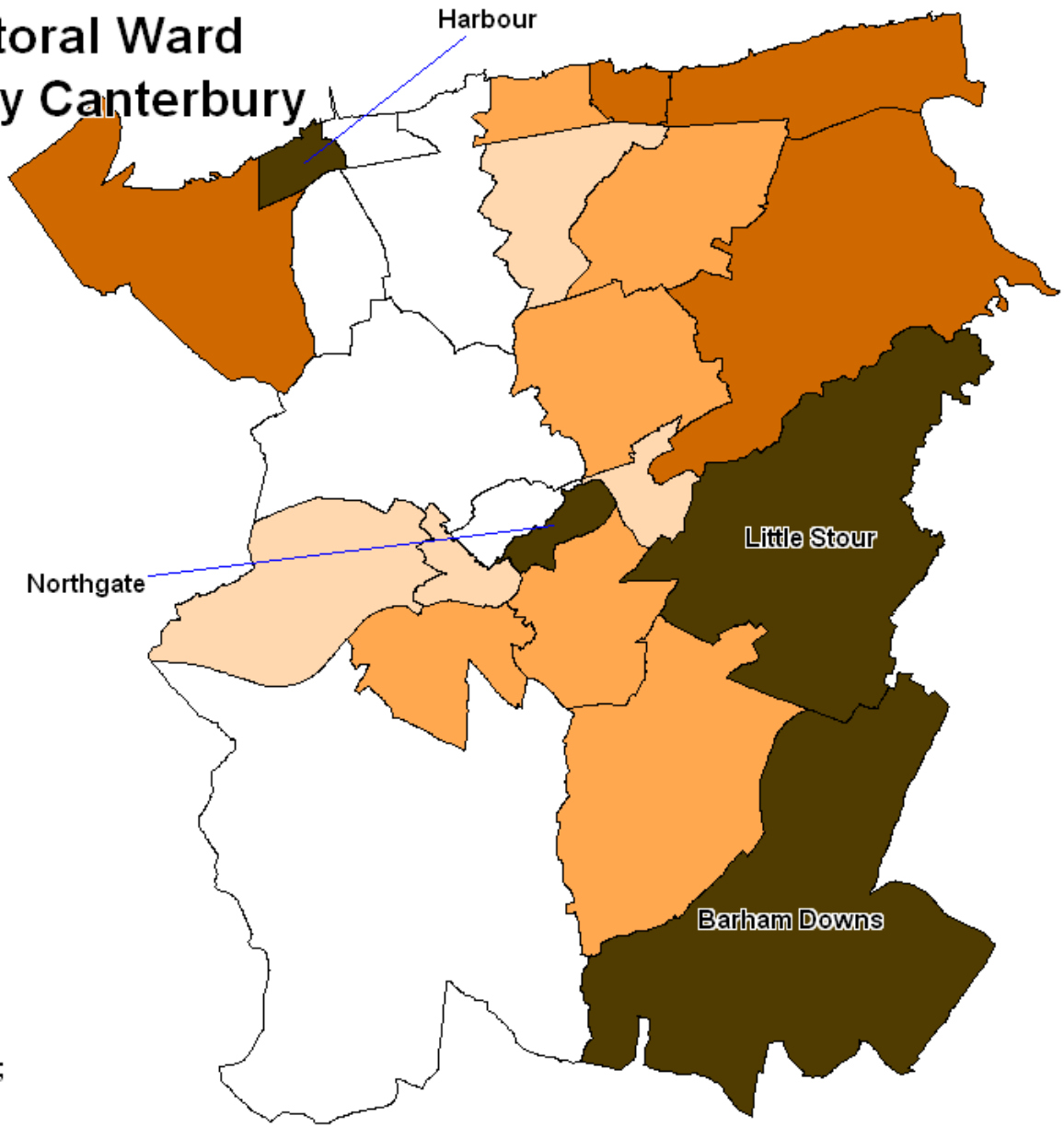


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NHS Eastern and Coastal Kent	30.5	32.1	33.8	30.9	26.6	28.6	30.0	28.3	28.5	32.3	30.3	26.9	28.7	28.8	26.5
Canterbury CD	26.6	25.5	22.8	27.0	20.7	24.4	20.8	28.8	18.6	28.4	23.1	24.0	20.4	23.3	21.8

Mortality rate, all age, all respiratory disease, 2006-2010, both sexes



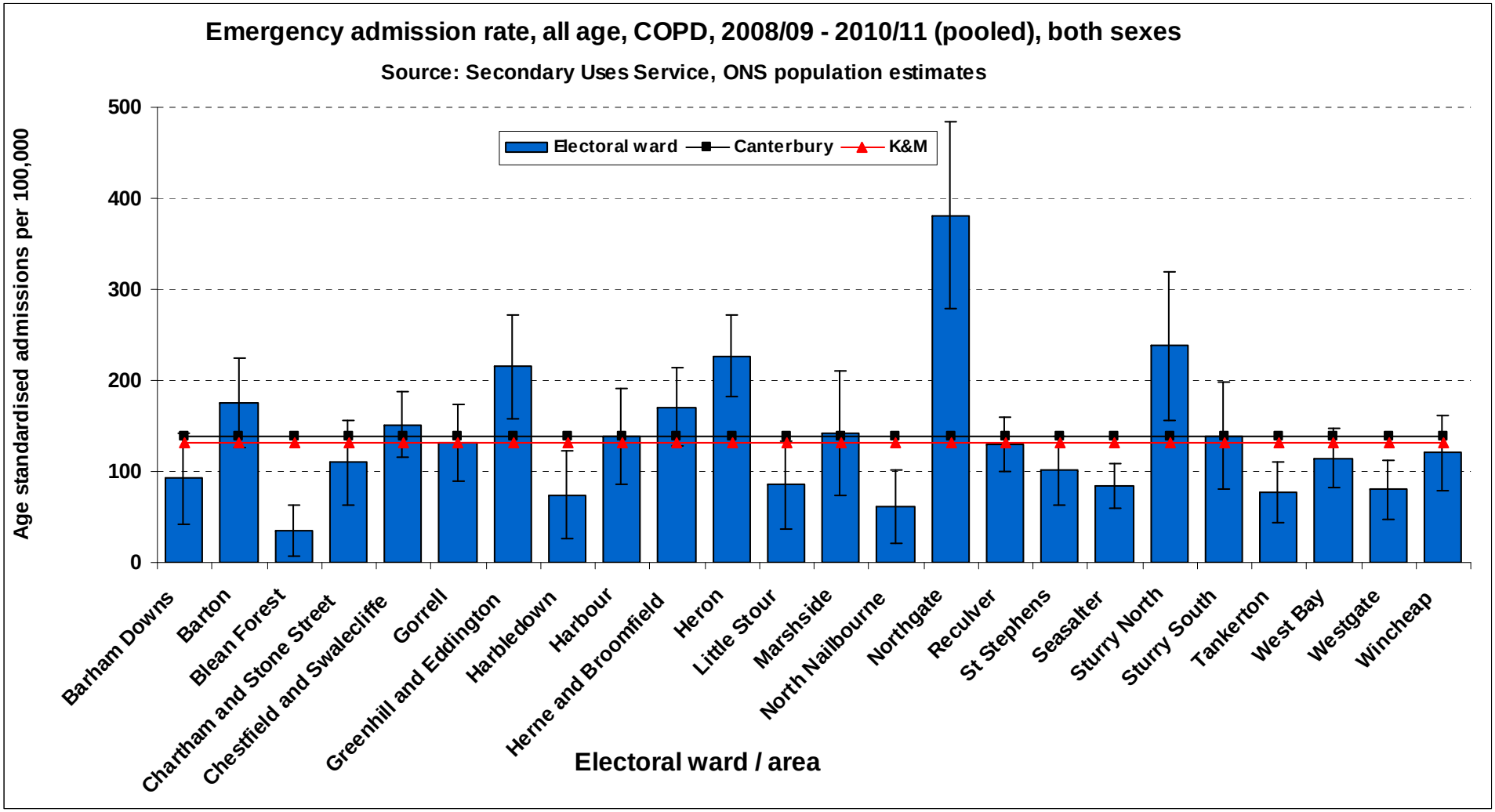
Age Standardised Mortality Rates for 2006-2010 at Electoral Ward - Respiratory Mortality Canterbury



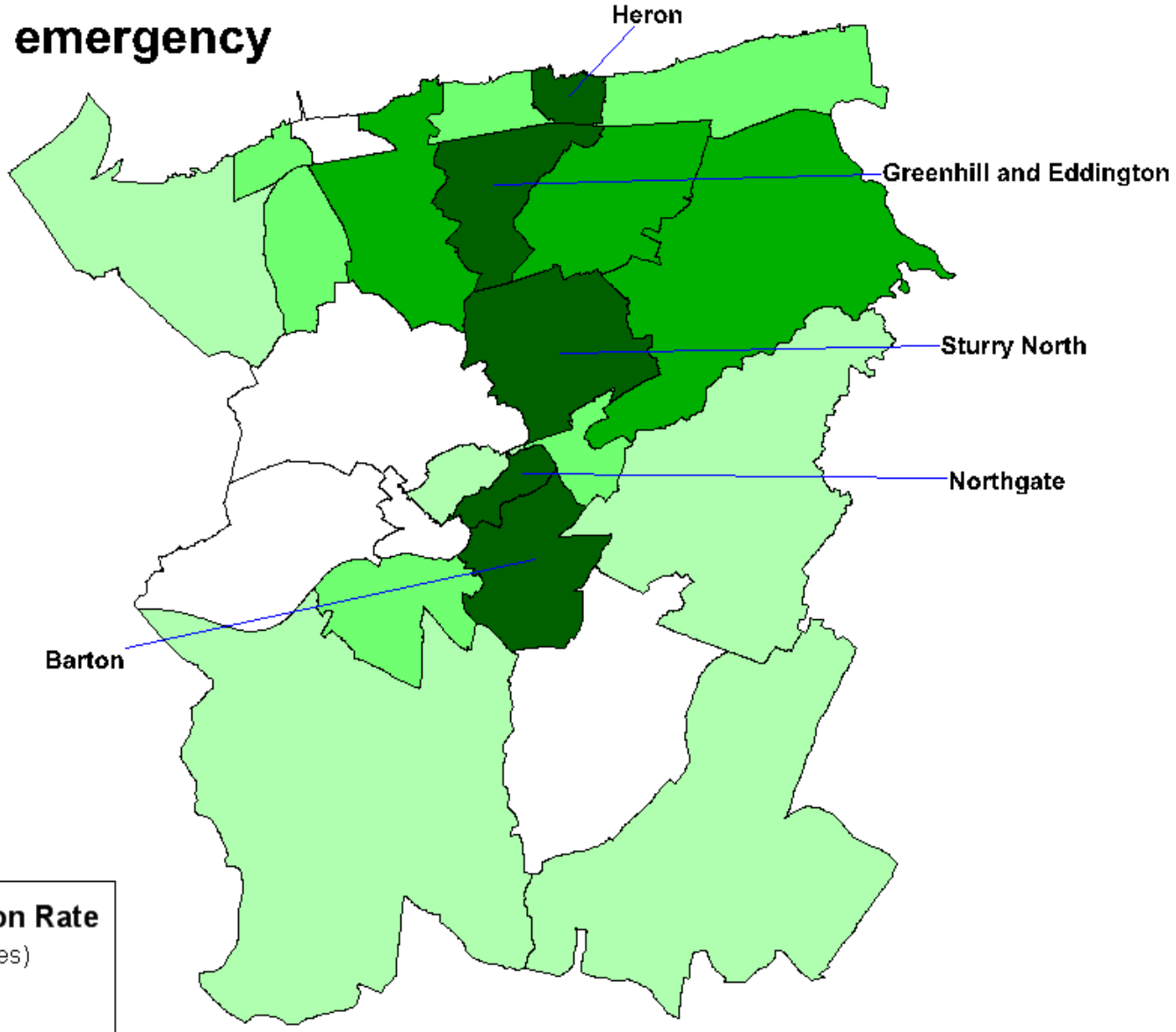
Local Quintiles
for COPD mortality

- Worst Quintile
-
-
-
- Best Quintile

Source: Annual District Death Extract, ONS; Mid Year Population Estimates, ONS


Emergency admission rate, all age, COPD, 2008/09 - 2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised admissions per 100,000
500
400
300
200
100
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

Age standardised emergency admission rates for Canterbury residents for COPD 2008/09 - 2010/11 by electoral ward



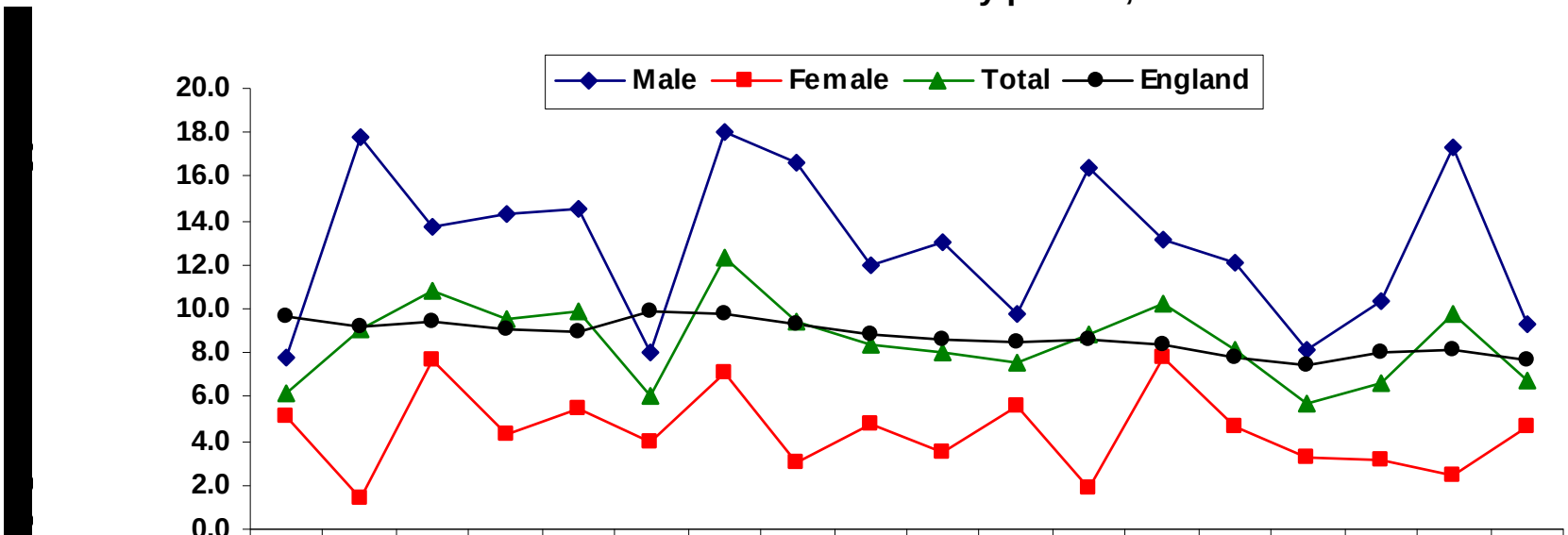
Age Standardised Admission Rate

- Worst Quintile (20% highest rates)
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory

Mortality from other causes

Suicide and undetermined - Mortality per 100,000



	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Male	7.8	17.8	13.8	14.3	14.5	8.1	18.1	16.6	12.0	13.1	9.7	16.4	13.1	12.0	8.1	10.3	17.4	9.3
Female	5.1	1.5	7.7	4.4	5.5	3.9	7.1	3.0	4.7	3.5	5.5	1.9	7.8	4.6	3.3	3.2	2.4	4.6
Total	6.2	9.1	10.8	9.5	9.9	6.0	12.3	9.4	8.3	8.1	7.6	8.8	10.3	8.2	5.7	6.7	9.8	6.7
England	9.6	9.2	9.5	9.1	9.0	9.9	9.8	9.3	8.8	8.6	8.5	8.6	8.4	7.8	7.5	8.0	8.1	7.7

Year

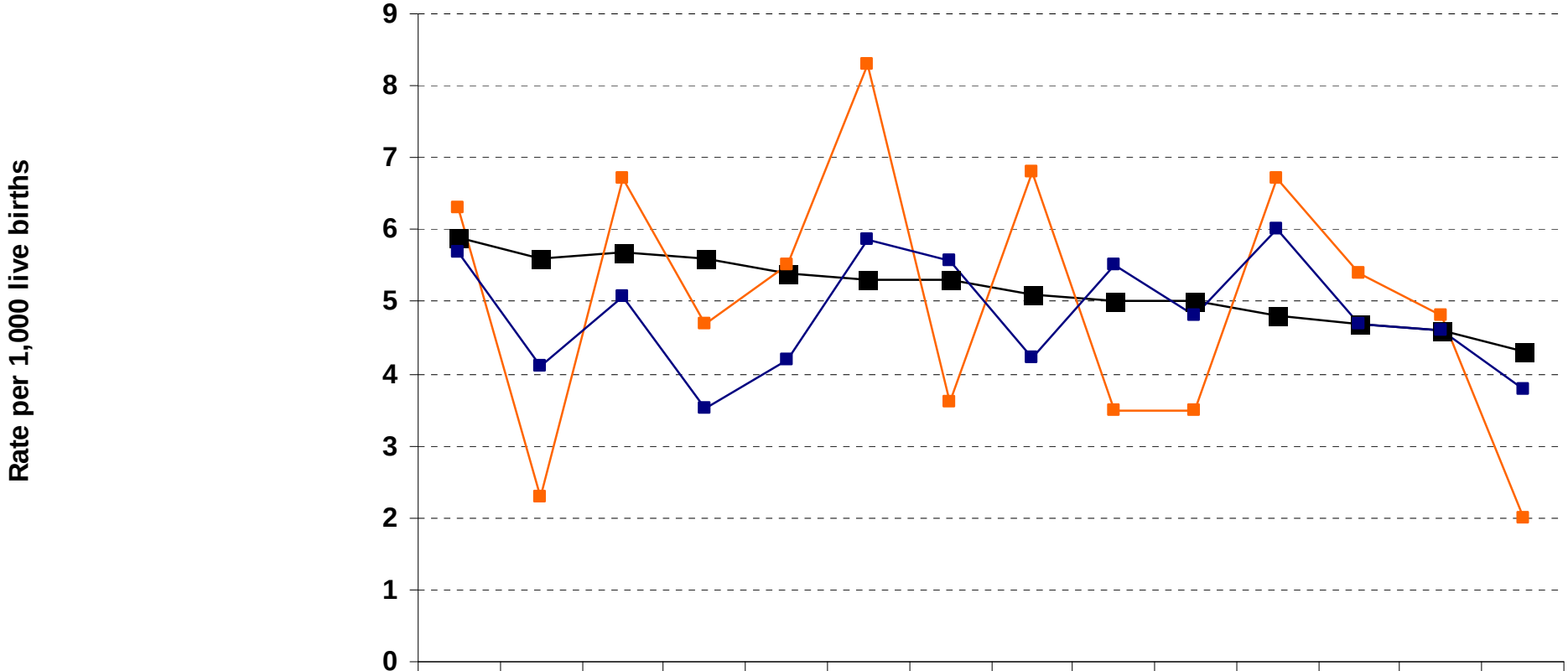
	Year of registration																	
Sex	**1993**	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
Male	*	*	8	9	*	*	12	*	*	*	7	*	9	*	*	*	*	*
Female	*	*	6	5	*	*	5	*	*	*	5	*	5	*	*	*	*	*
Total	**8**	**14**	**14**	**14**	**14**	**8**	**17**	**12**	**11**	**12**	**12**	**14**	**14**	**13**	**10**	**9**	**14**	**10**

Source: NCHOD

* - Data suppressed for reasons of confidentiality

Infant mortality rates, 1997 - 2010

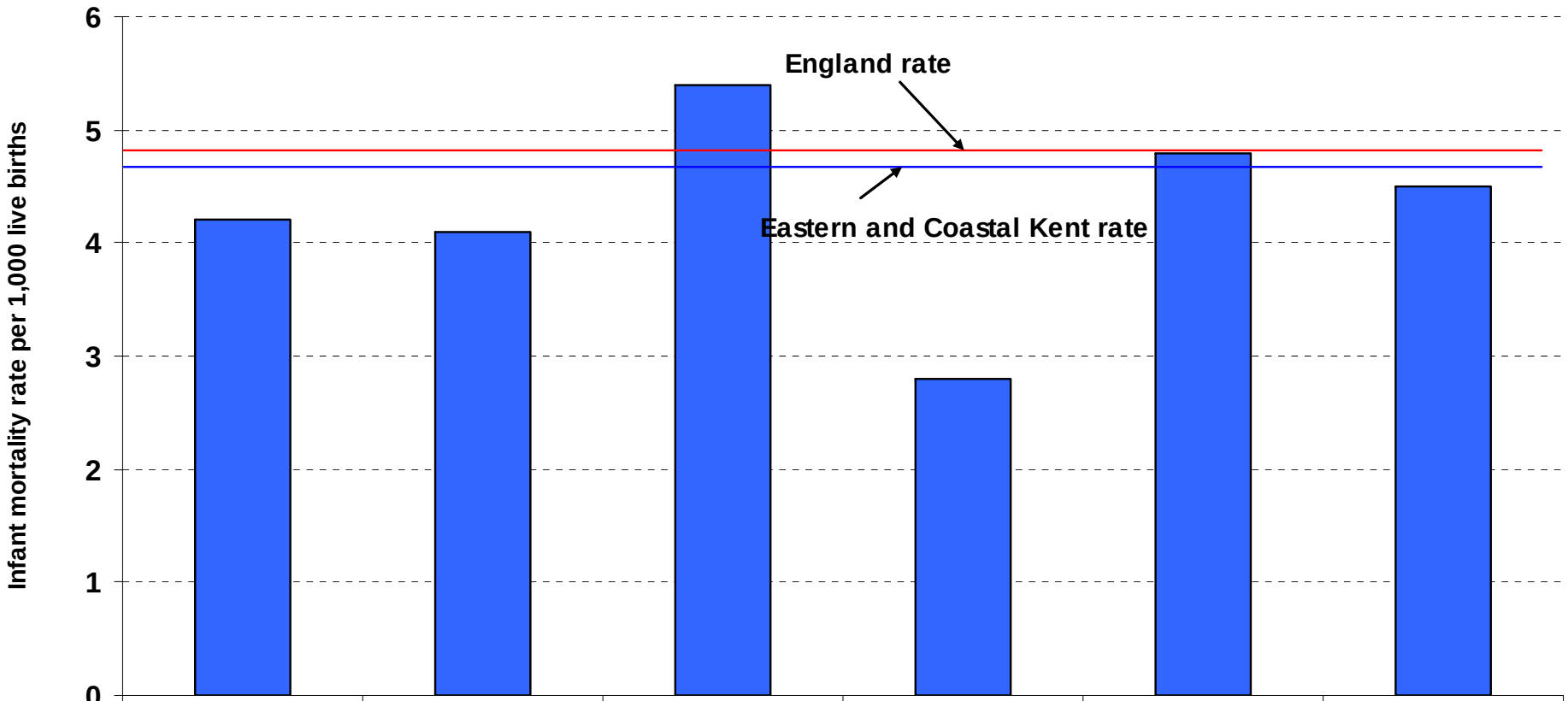
Source: NCHOD



	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
England	5.9	5.6	5.7	5.6	5.4	5.3	5.3	5.1	5.0	5.0	4.8	4.7	4.6	4.3
Canterbury	6.3	2.3	6.7	4.7	5.5	8.3	3.6	6.8	3.5	3.5	6.7	5.4	4.8	2.0
NHS Eastern and Coastal Kent	5.7	4.1	5.1	3.5	4.2	5.9	5.6	4.2	5.5	4.8	6.0	4.7	4.6	3.8

Infant mortality rate, 2008 - 2010 (pooled) - east Kent local authorities

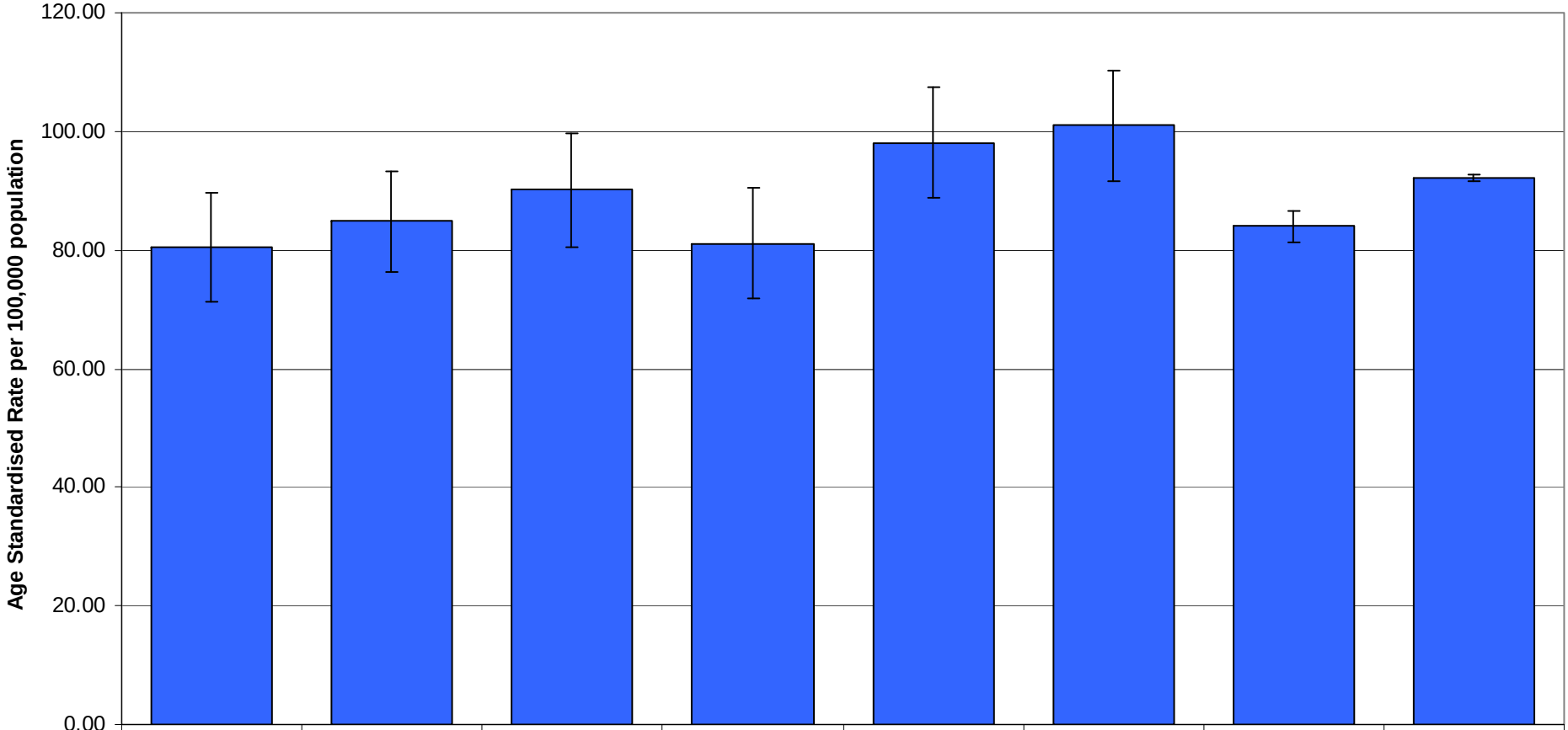
Source: NCHOD



	Ashford	Canterbury	Dover	Shepway	Swale	Thanet
Rate	4.2	4.1	5.4	2.8	4.8	4.5

Mortality from causes considered amenable to health care 2008-2010 pooled data for local authorities in the Eastern and Coastal Kent area

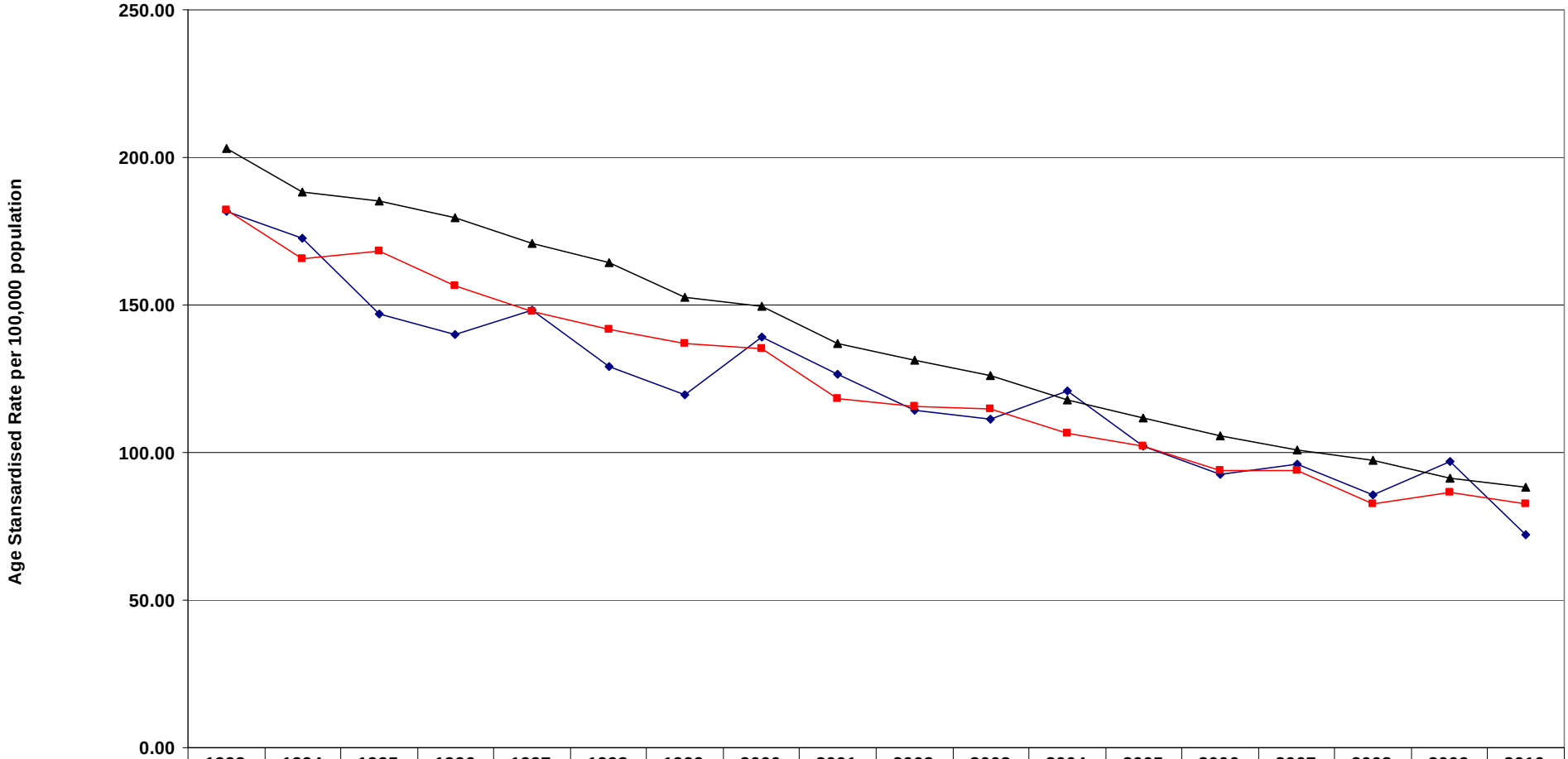
Source: NCHOD



	Ashford CD	Canterbury CD	Dover CD	Shepway CD	Swale CD	Thanet CD	Kent CC	ENGLAND
ASR	80.47	84.89	90.18	81.15	98.10	101.00	84.03	92.14

Trend in mortality from causes amenable to healthcare 1993-2010 - Canterbury

Source: NCHOD

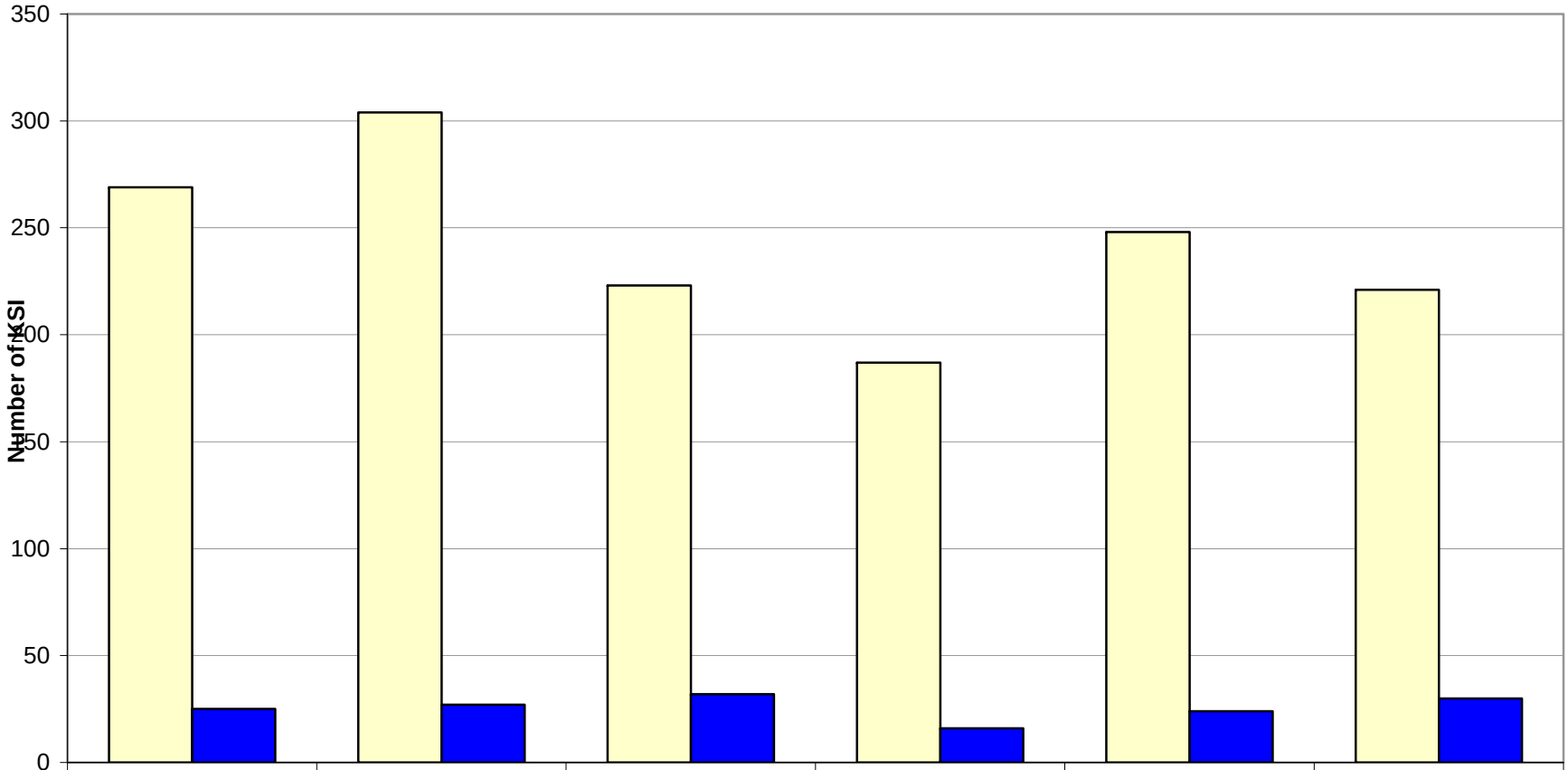


	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Canterbury CD	181.55	172.77	146.79	139.93	148.05	128.95	119.52	139.28	126.48	114.56	111.32	120.88	102.26	92.66	96.01	85.63	97.05	72
Kent CC	182.06	165.73	168.10	156.36	147.91	141.89	137.01	135.09	118.17	115.80	114.93	106.61	102.08	93.75	93.92	82.77	86.56	82.75
ENGLAND	202.92	188.12	185.40	179.43	171.01	164.18	152.68	149.44	137.06	131.38	126.05	117.71	111.78	105.76	100.76	97.23	91.13	88.06

Year

Numbers of People and Children Killed or Seriously Injured on east Kent Roads 2006-2011 (pooled data)

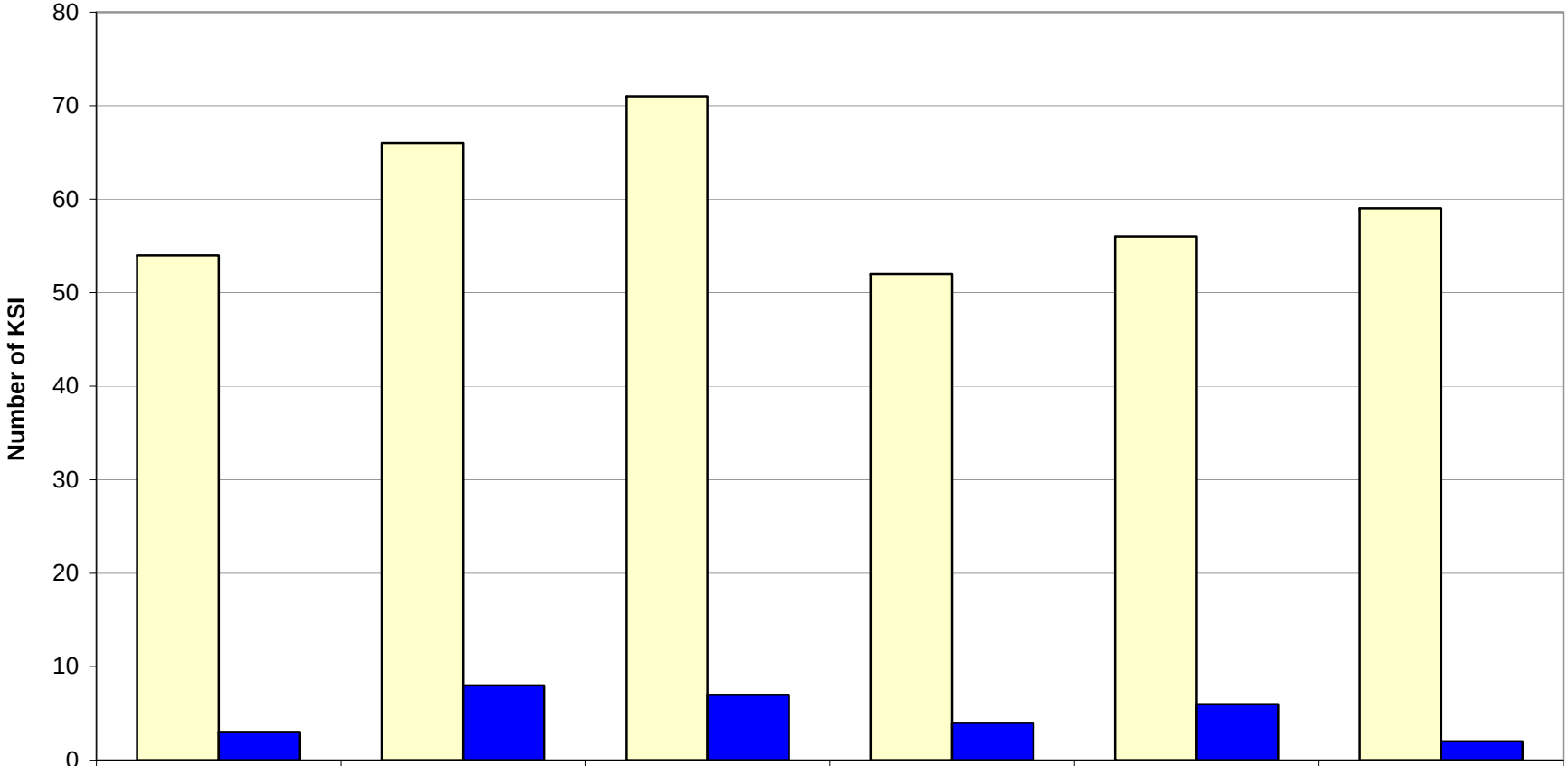
Source: KCC



	Ashford	Canterbury	Dover	Shepway	Swale	Thanet
All people	269	304	223	187	248	221
Children	25	27	32	16	24	30

Numbers of People and Children Killed or Seriously Injured on Canterbury Roads 2006-2011

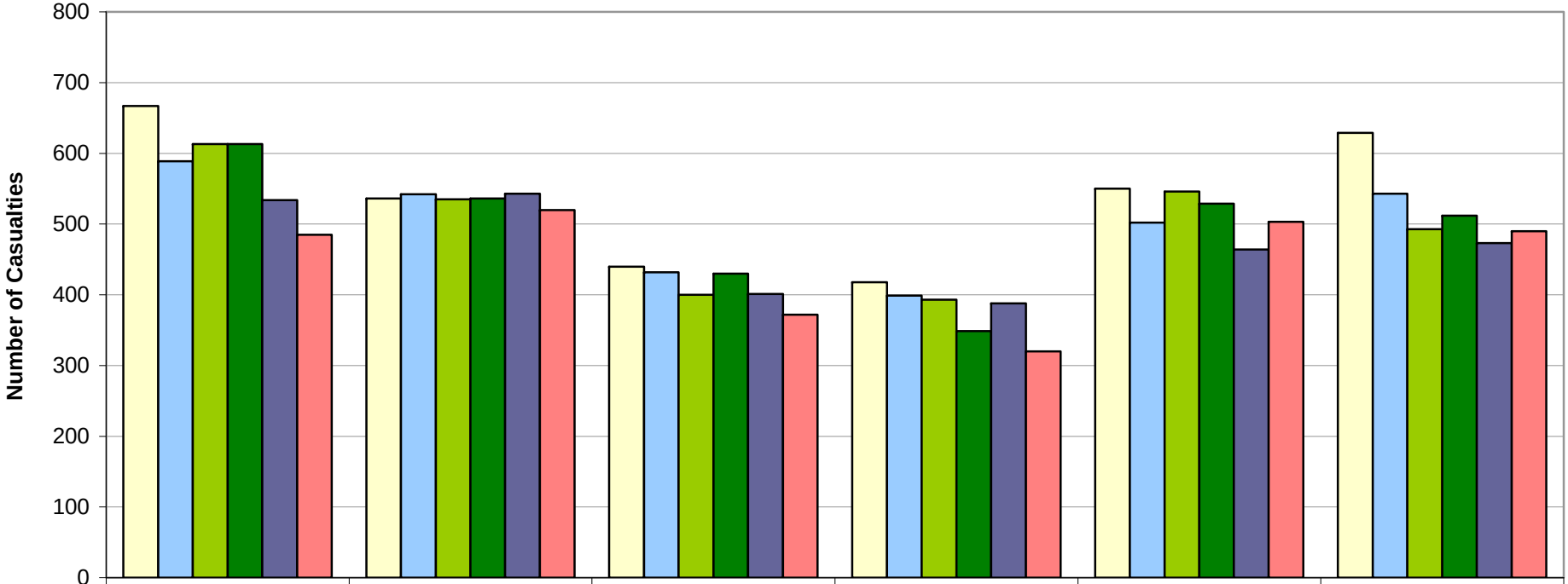
Source: KCC



	2006	2007	2008	2009	2010	2011
All KSI	54	66	71	52	56	59
Children KSI	3	8	7	4	6	2

Total Number of Casualties on east Kent Roads 2006-2010

Source: KCC



	Ashford	Canterbury	Dover	Shepway	Swale	Thanet
2006	667	536	440	418	550	629
2007	589	542	432	399	502	543
2008	613	535	400	393	546	493
2009	613	536	430	349	529	512
2010	534	543	401	388	464	473
2011	485	520	372	320	503	490

Other hospital admissions

Top 20 most prevalent numbers of acute hospital admissions, 2008/09 - 2010/11 (pooled)

Elective admissions

- Residents of Canterbury City Council area

ICD code	Diagnosis	Admissions
H26	Other cataract	2218
C50	Malignant neoplasm of breast	1971
M54	Dorsalgia	1662
C44	Other malignant neoplasms of skin	1366
I25	Chronic ischaemic heart disease	983
C18	Malignant neoplasm of colon	909
M17	Gonarthrosis [arthrosis of knee]	787
H35	Other retinal disorders	773
M23	Internal derangement of knee	733
C67	Malignant neoplasm of bladder	723
K40	Inguinal hernia	655
H25	Senile cataract	634
XXX	No diagnosis recorded	611
D64	Other anaemias	548
K80	Cholelithiasis	545
M06	Other rheumatoid arthritis	542
M16	Coxarthrosis [arthrosis of hip]	536
C92	Myeloid leukaemia	500
C91	Lymphoid leukaemia	485
K02	Dental caries	478
Total (top 20)		17,659
Other diagnoses		31,258
Total admissions for period*		**48,917**

Source: SUS

* - Excludes maternal and birth admissions (O and P codes) and factors influencing health status and contact with health services (Z codes) and regular day/night admissions

Top 20 most prevalent numbers of acute hospital admissions, 2008/09 - 2010/11 (pooled)

Emergency admissions

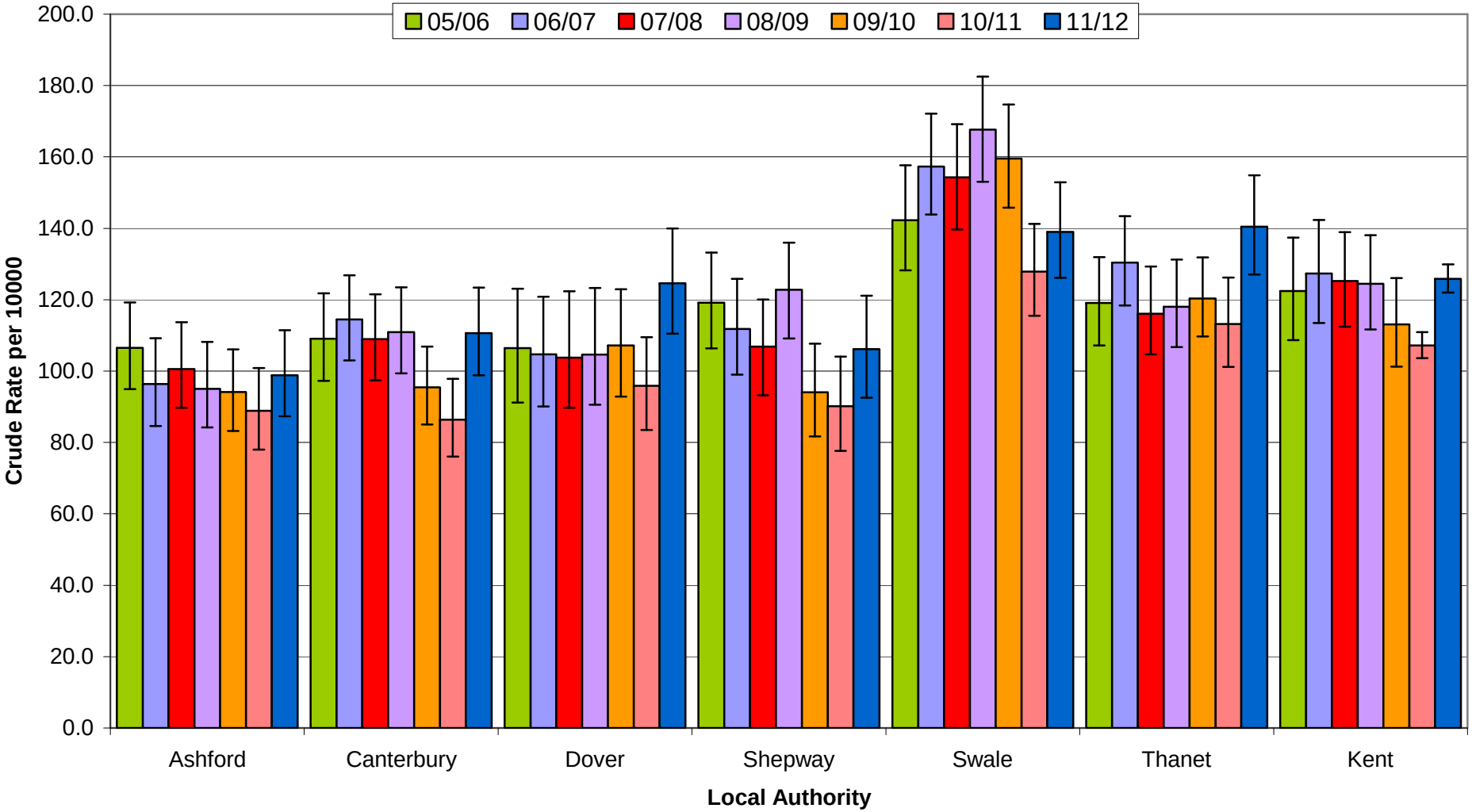
- Residents of Canterbury City Council area

ICD code	Diagnosis	Admissions
R07	Pain in throat and chest	3098
M79	Other soft tissue disorders, not elsewhere classified	1578
R10	Abdominal and pelvic pain	1511
N39	Other disorders of urinary system	1259
R55	Syncope and collapse	1150
J18	Pneumonia, organism unspecified	982
J22	Unspecified acute lower respiratory infection	960
J44	Other chronic obstructive pulmonary disease	926
S72	Fracture of femur	697
T39	Poisoning by nonopioid analgesics, antipyretics and antirheumatics	677
K52	Other noninfective gastroenteritis and colitis	634
I21	Acute myocardial infarction	631
I48	Atrial fibrillation and flutter	631
I50	Heart failure	599
I20	Angina pectoris	588
J45	Asthma	584
L03	Cellulitis	540
F10	Mental and behavioural disorders due to use of alcohol	530
R06	Abnormalities of breathing	501
R00	Abnormalities of heart beat	459
Total (top 20)		18,535
Other diagnoses		28,008
Total admissions for period*		**46,543**

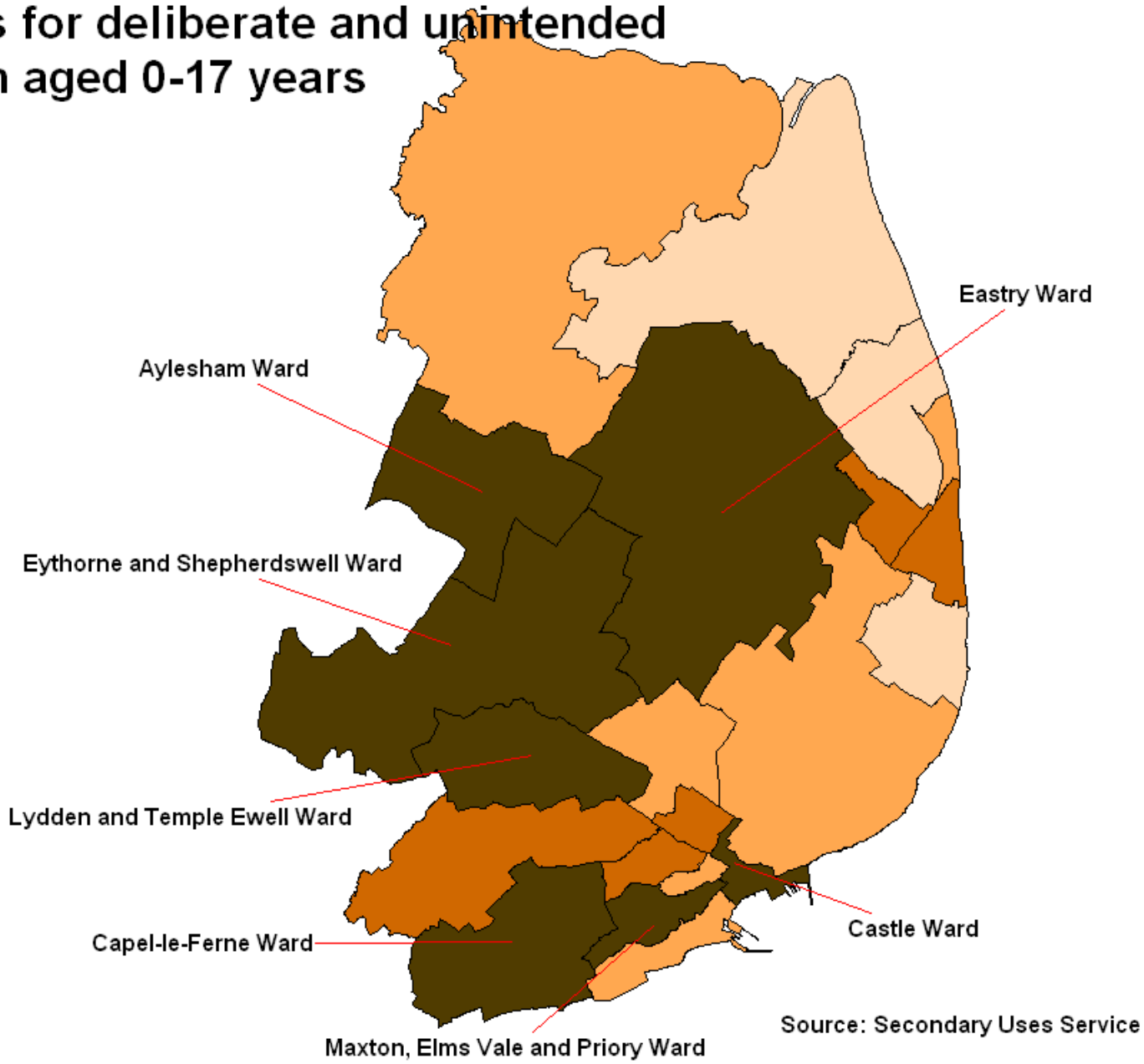
Source: SUS

* - Excludes maternal and birth admissions (O and P codes) and factors influencing health status and contact with health services (Z codes) and regular day/night admissions

Crude Admission Rates for Deliberate & Unintentional Injury for 0-17 year olds by Local Authority in East Kent

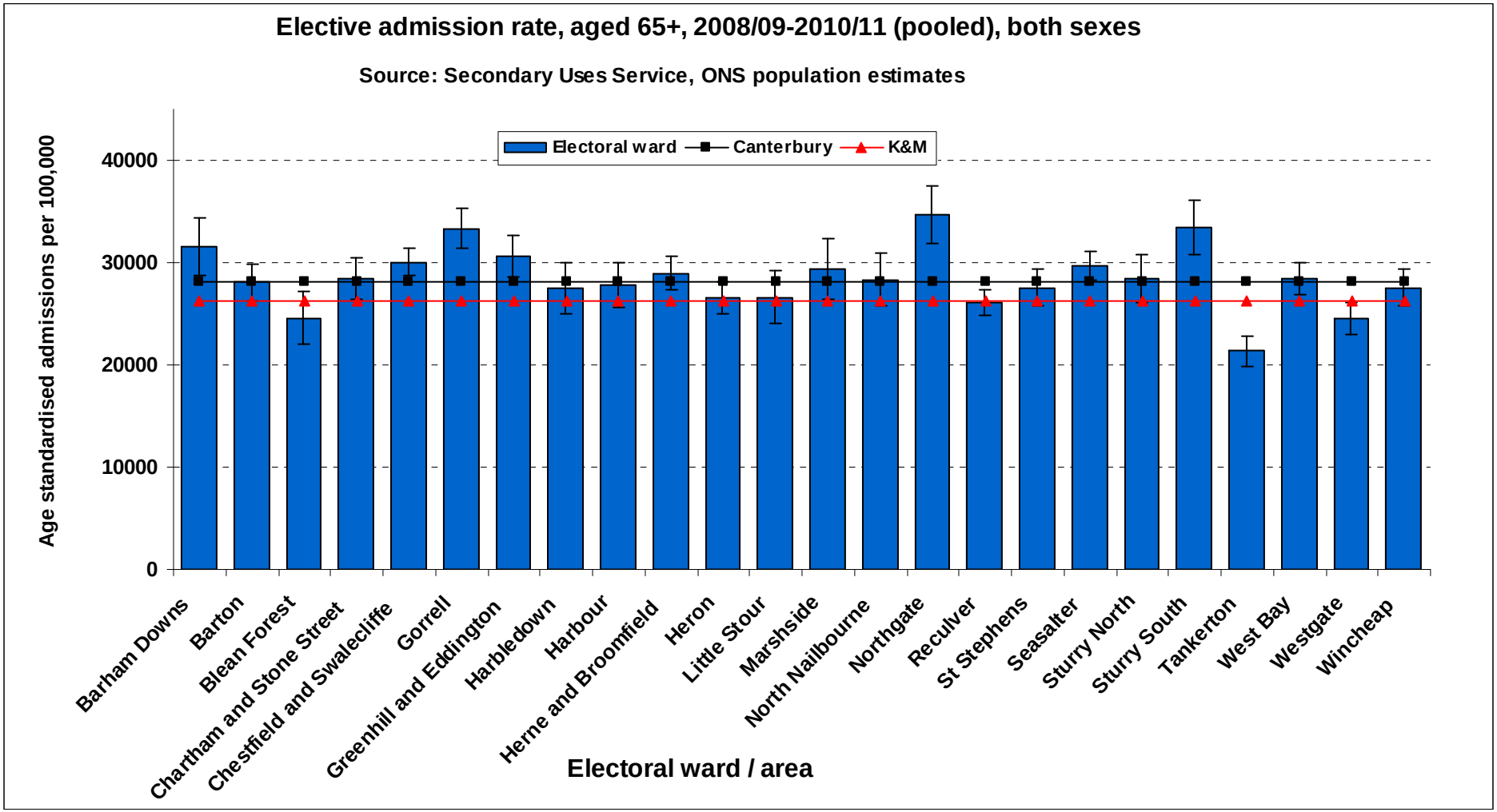


Admission Rates for deliberate and unintended injury in children aged 0-17 years - 2011/12

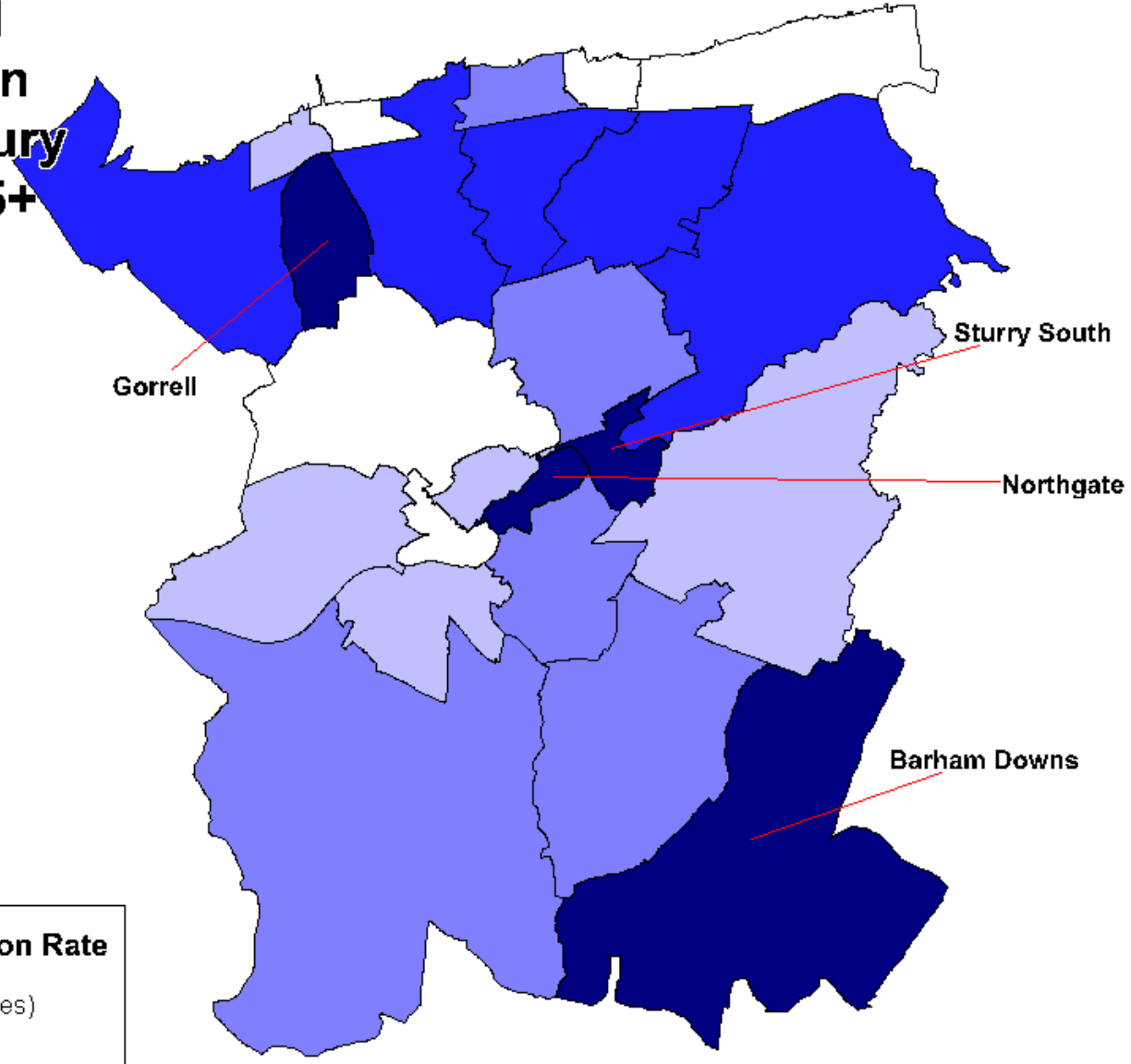


Admission Rate
per 10,000 under 18s

- Greater than 200
- 150 to 200
- 100 to 150
- 50 to 100
- Less than 50


Elective admission rate, aged 65+, 2008/09-2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised admissions per 100,000
40000
30000
20000
10000
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

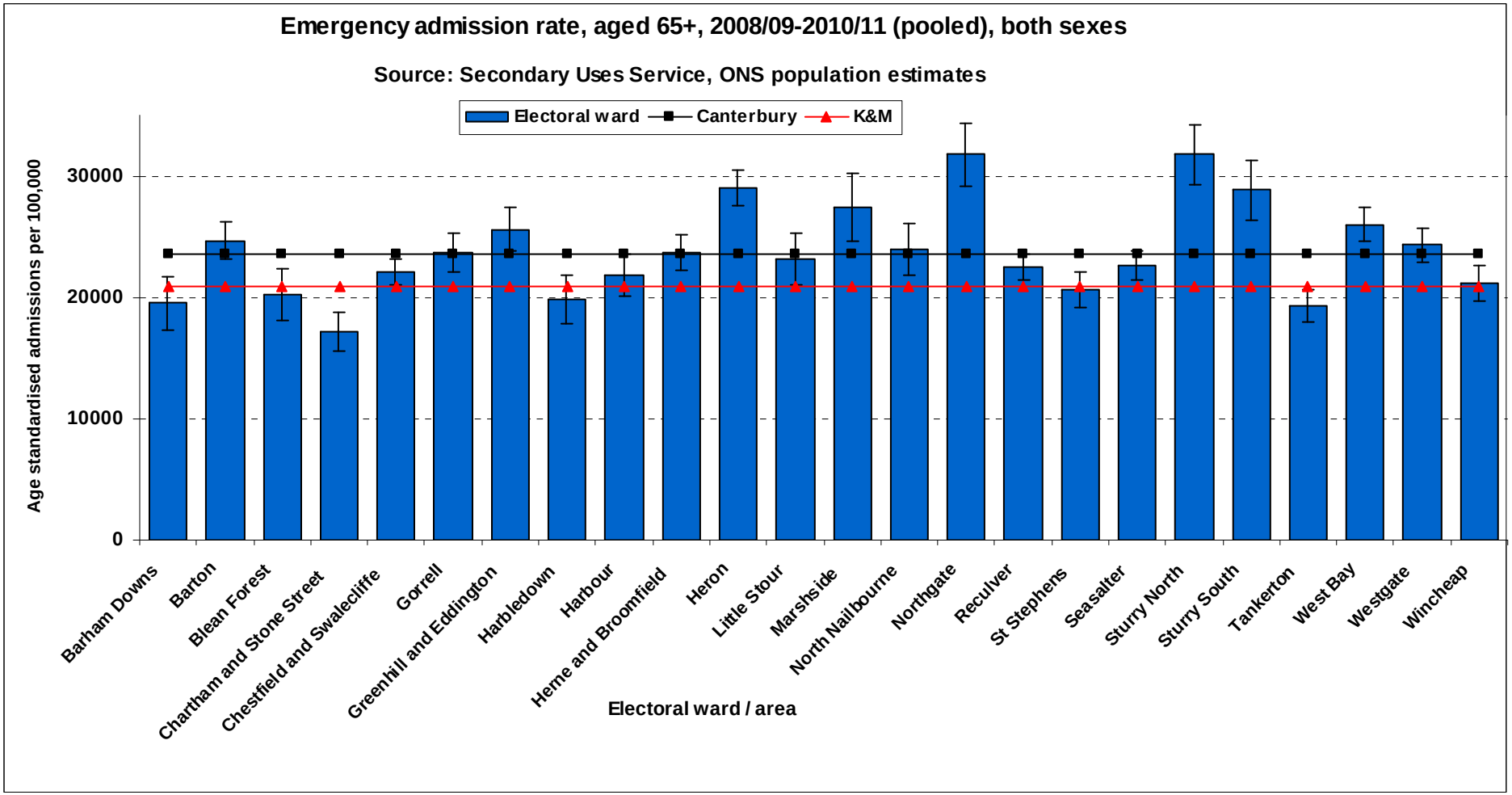
Age standardised elective admission rates for Canterbury residents aged 65+ 2008/09 - 2010/11 by electoral ward



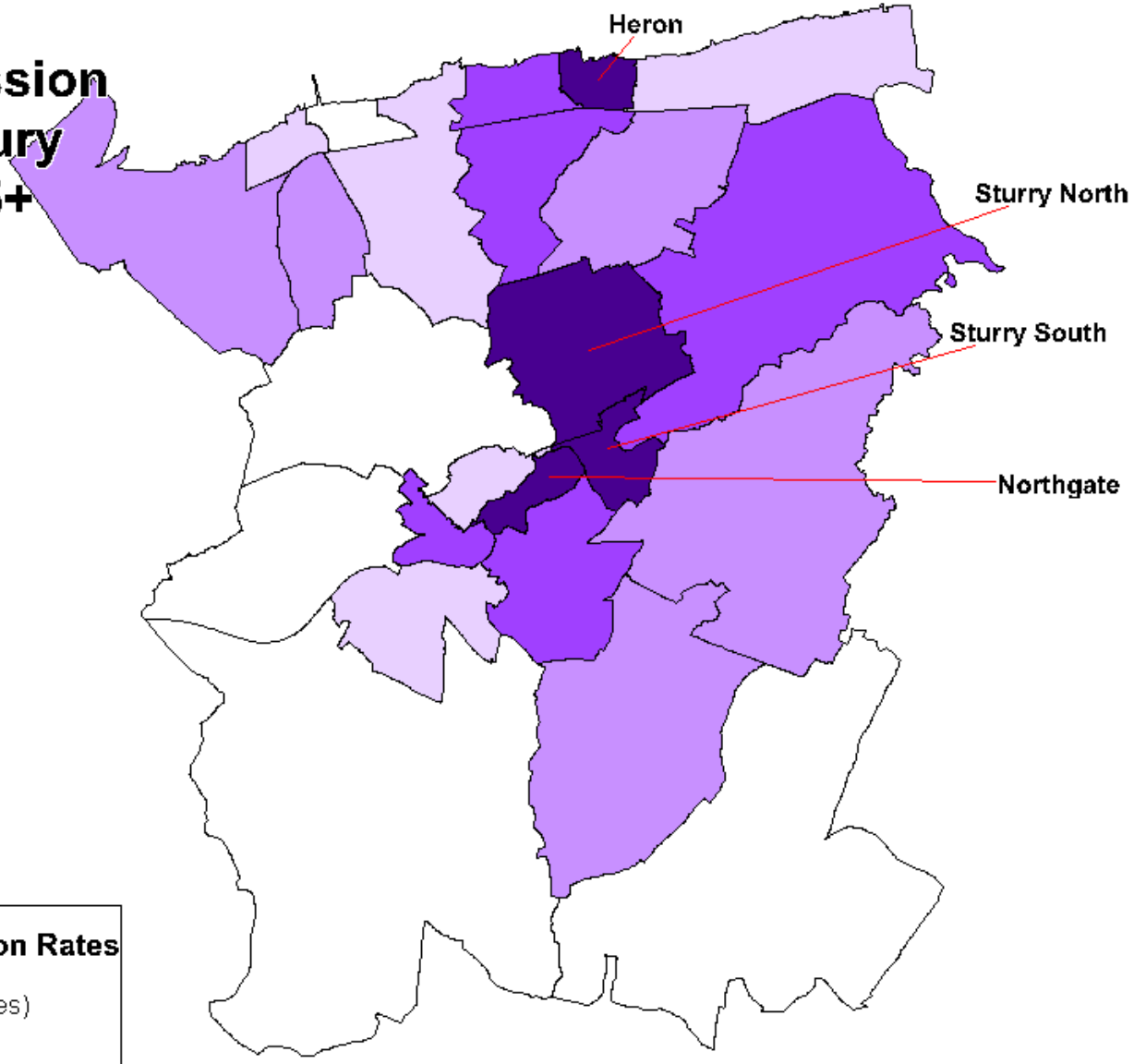
Age Standardised Admission Rate
ELECTIVE admissions for over 65s only

- Worst Quintile (20% highest rates)
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory


Emergency admission rate, aged 65+, 2008/09-2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised admissions per 100,000
30000
20000
10000
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

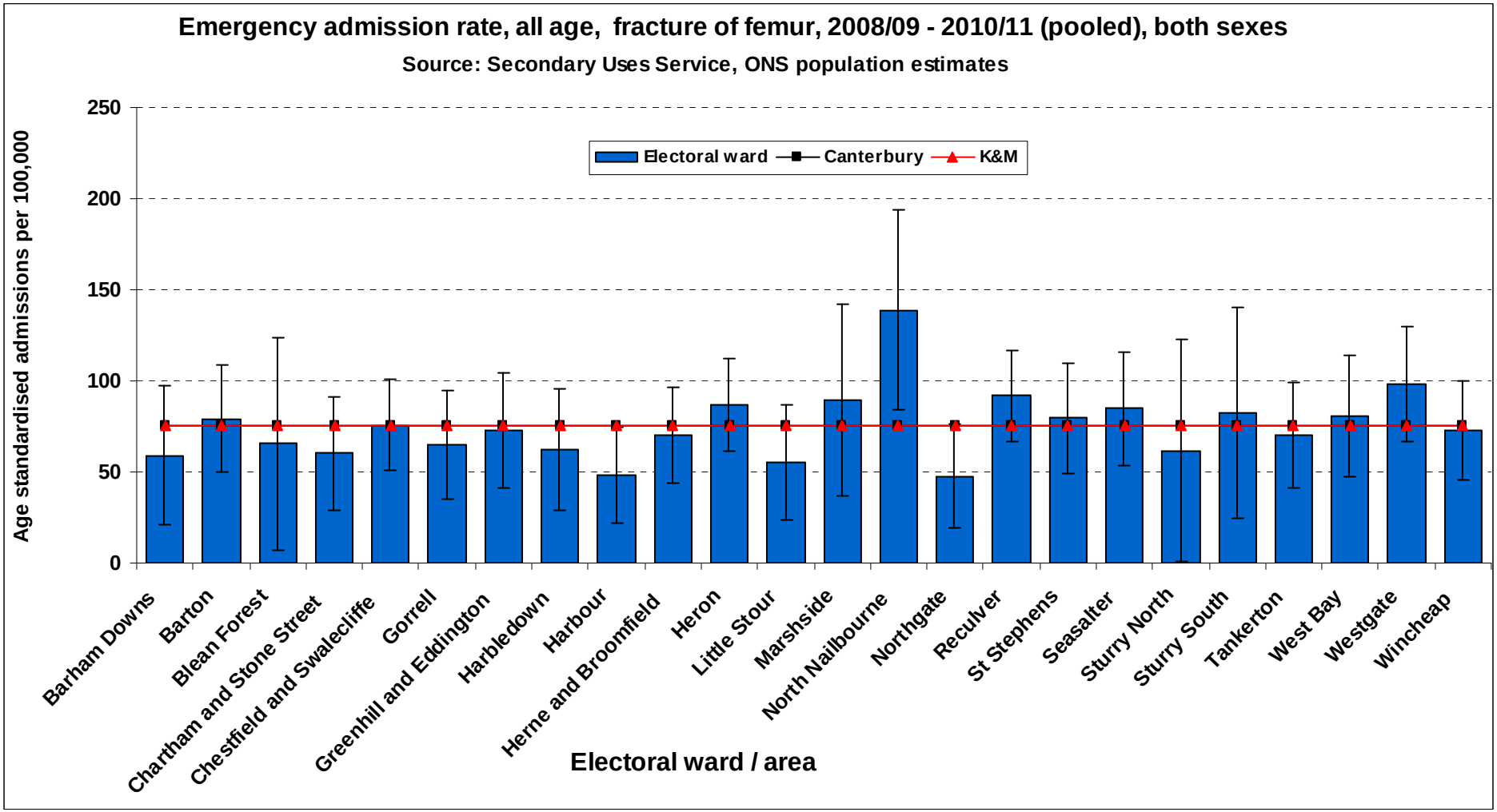
Age standardised emergency admission rates for Canterbury residents aged 65+ 2008/09 - 2010/11 by electoral ward



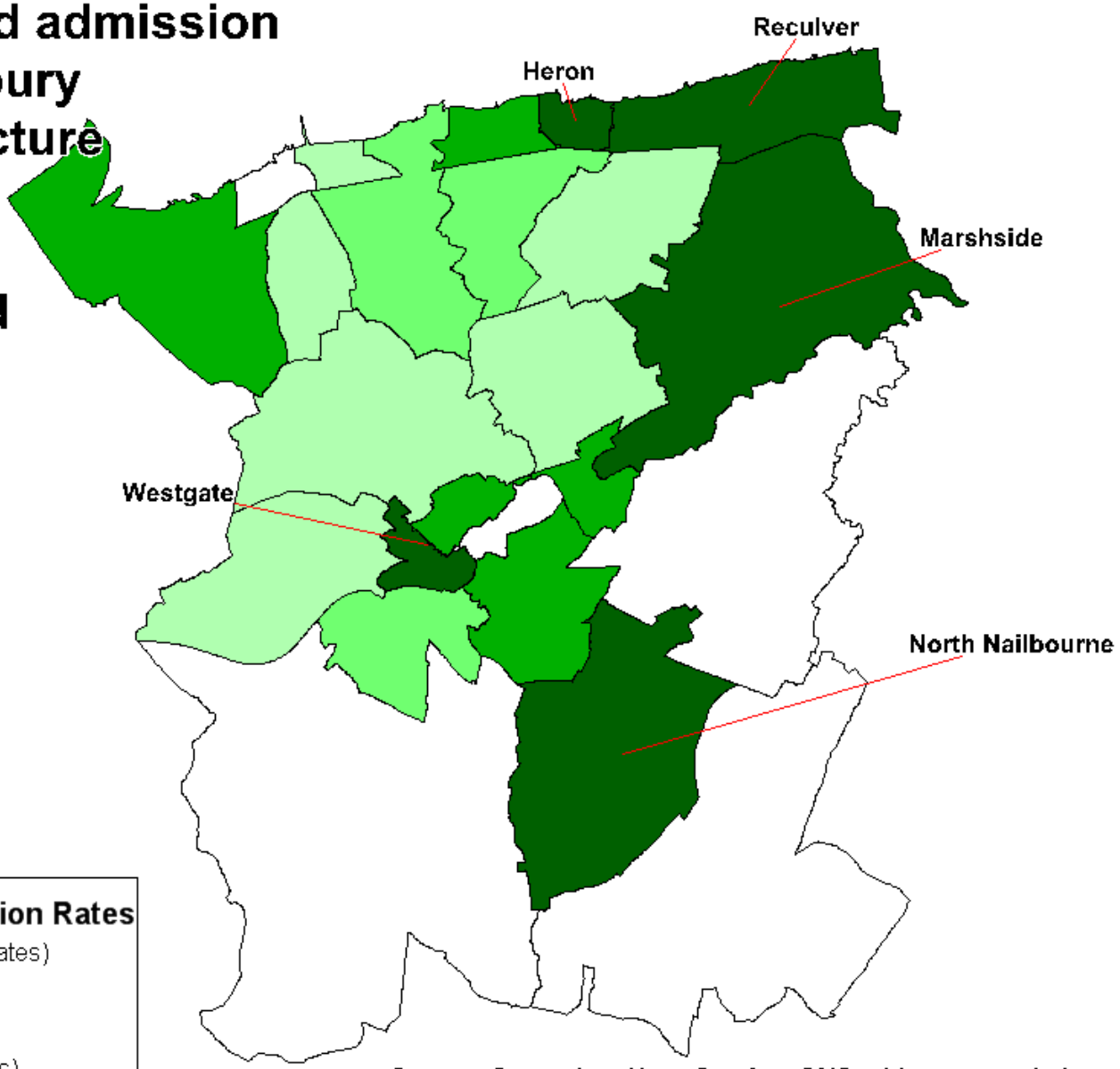
Age Standardised Admission Rates
EMERGENCY admissions for 65+ only

- Worst Quintile (20% highest rates)
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory


Emergency admission rate, all age, fracture of femur, 2008/09 - 2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised admissions per 100,000
250
200
150
100
50
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

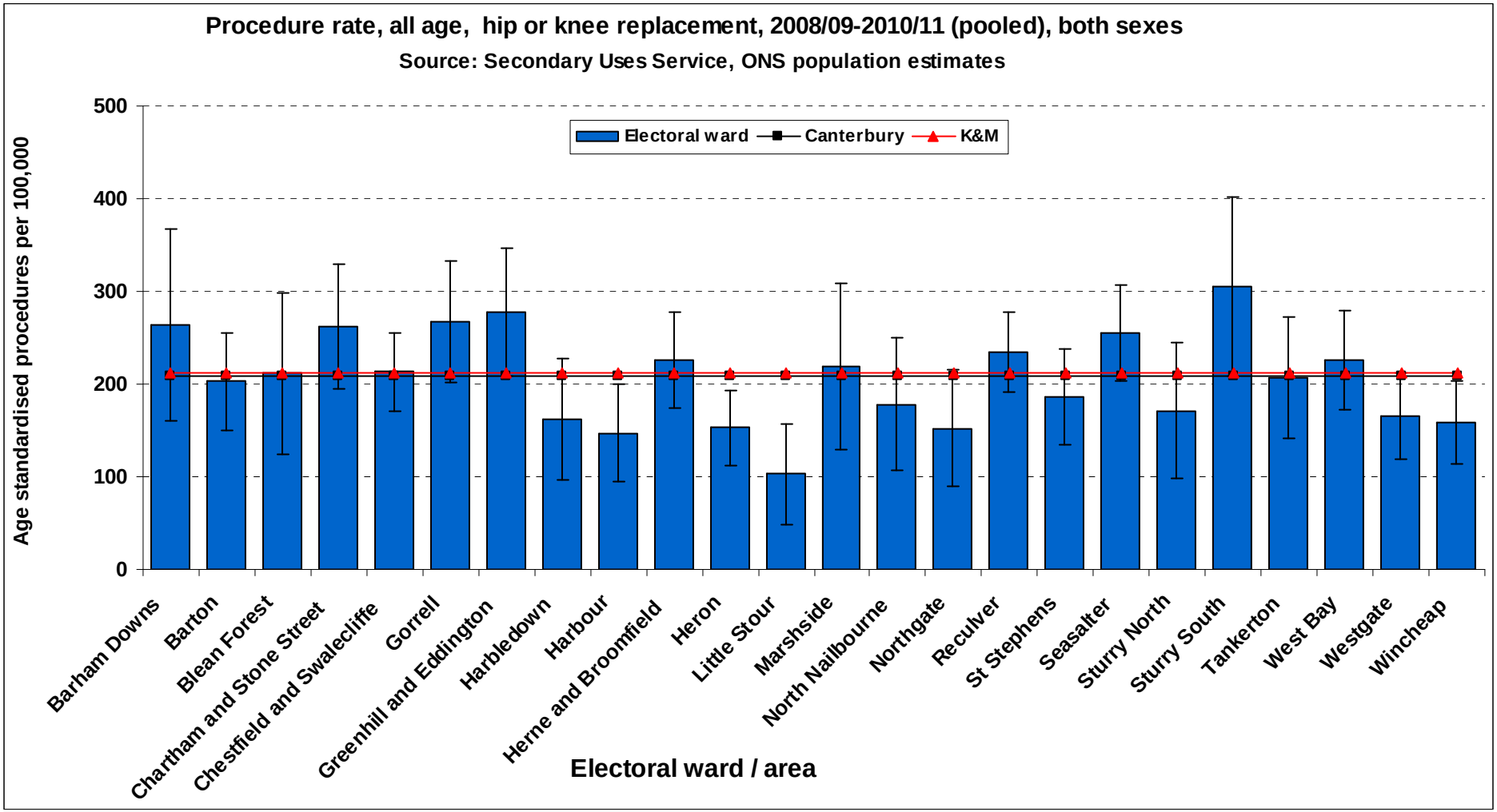
Age standardised admission rates for Canterbury residents for fracture of femur 2008/09 - 2010/11 by electoral ward



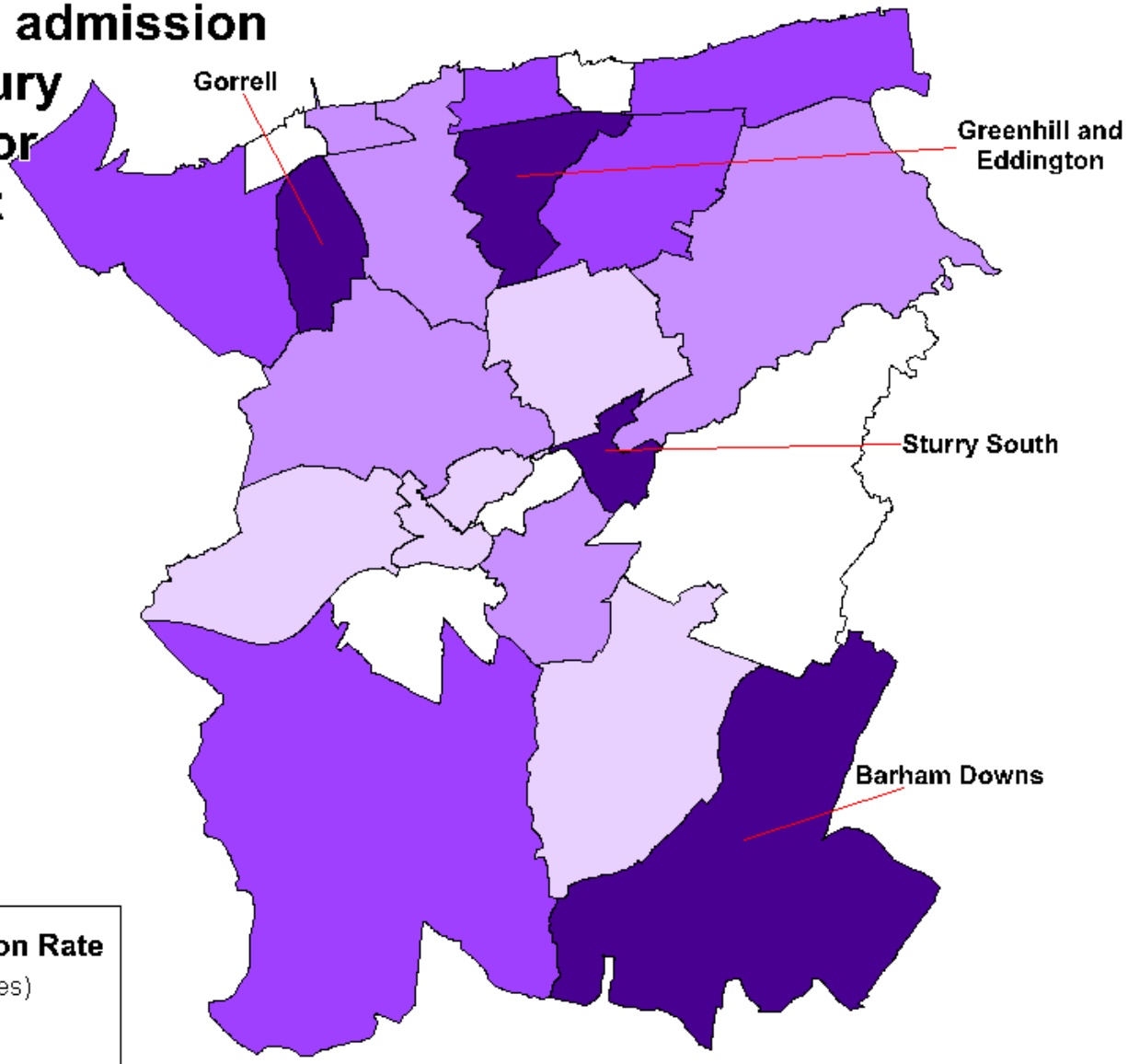
Age Standardised Admission Rates

- Worst Quintile (20% highest rates)
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory


Procedure rate, all age, hip or knee replacement, 2008/09-2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised procedures per 100,000
500
400
300
200
100
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

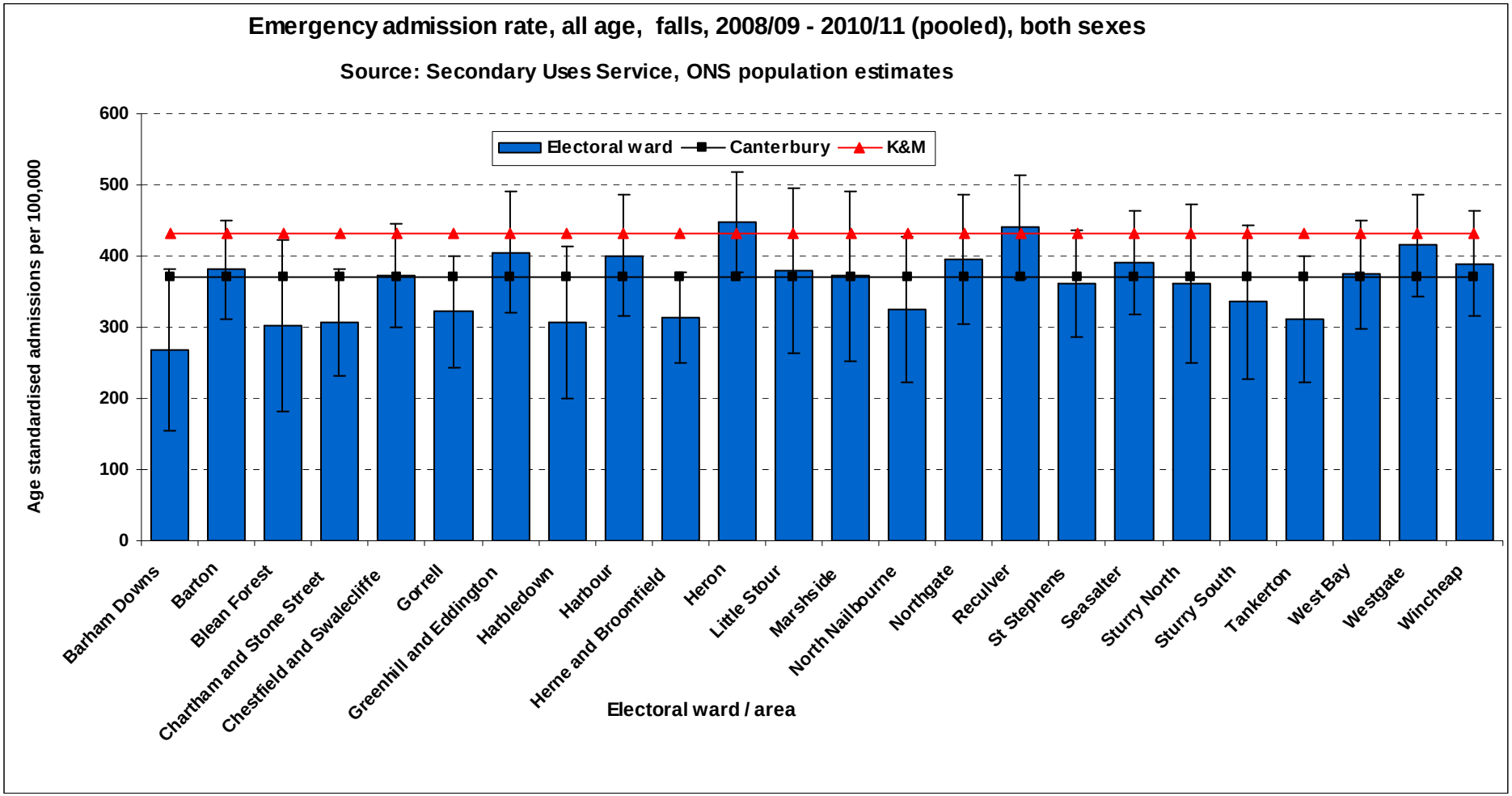
Age standardised admission rates for Canterbury residents for hip or knee replacement 2008/09 - 2010/11 by electoral ward



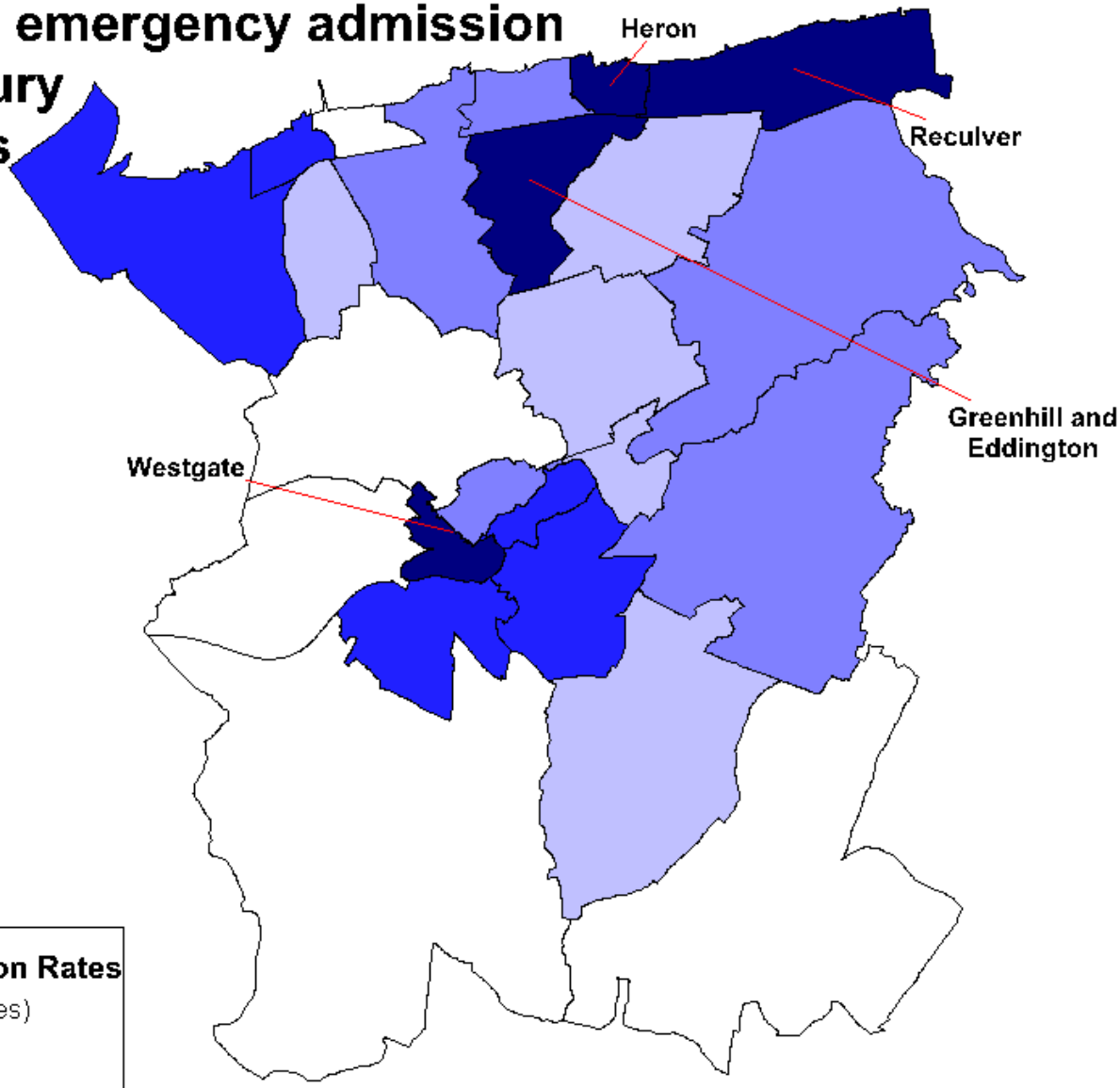
Age Standardised Admission Rate

- Worst Quintile (20% highest rates)
-
-
-
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory


Emergency admission rate, all age, falls, 2008/09 - 2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised admissions per 100,000
600
500
400
300
200
100
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

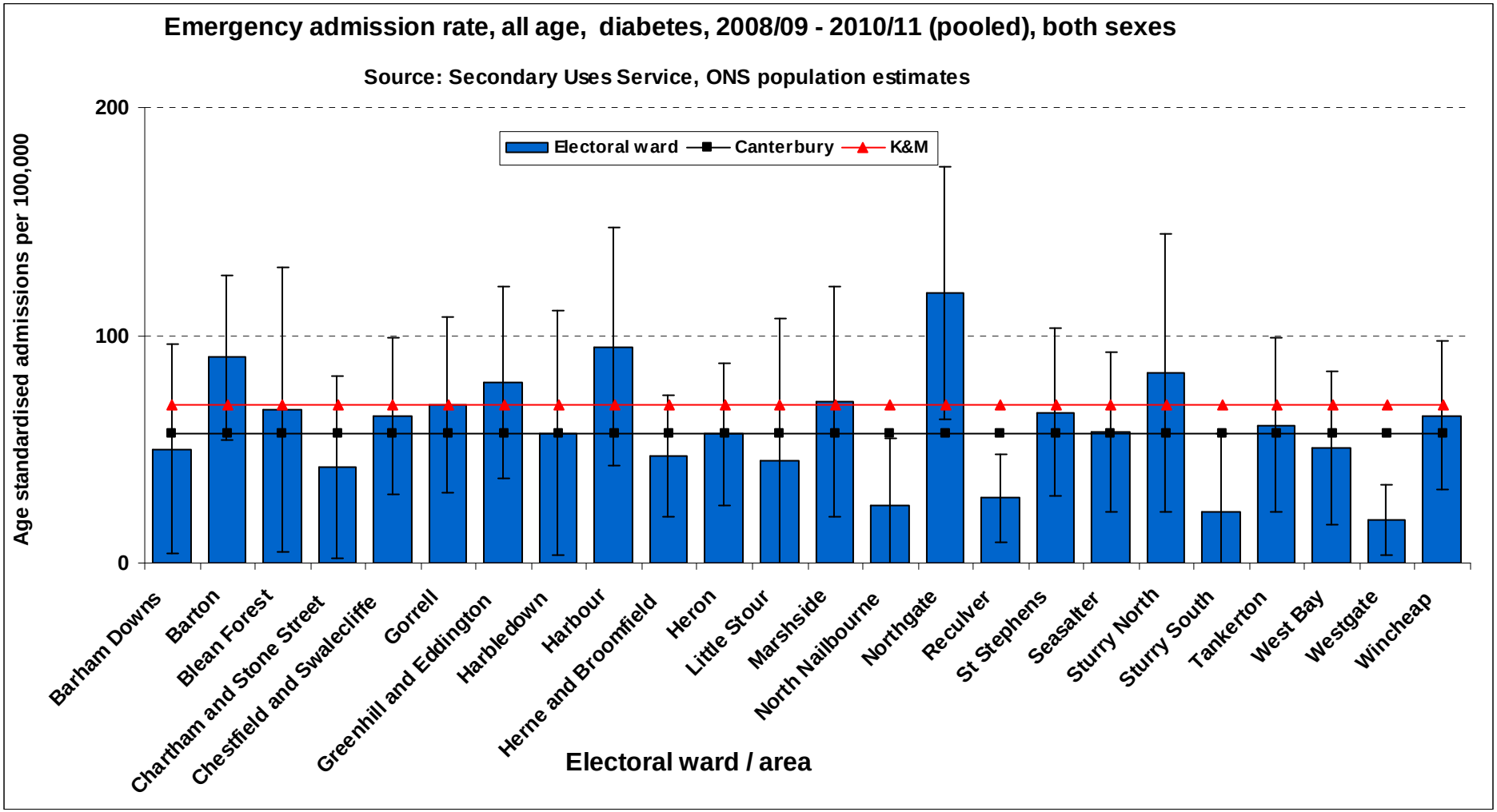
Age standardised emergency admission rates for Canterbury residents for Falls 2008/09 - 2010/11 by electoral ward



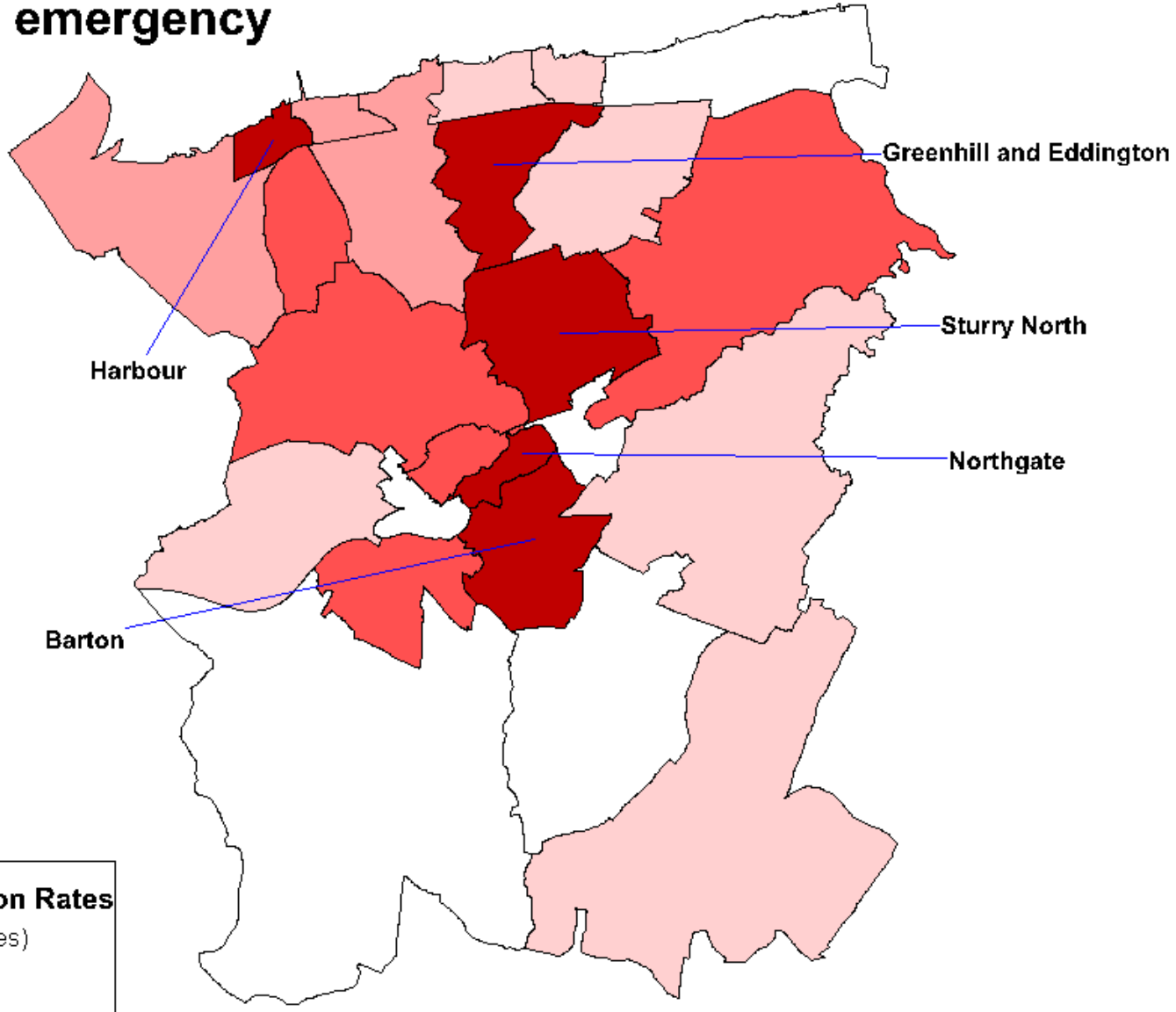
Age Standardised Admission Rates

- Worst Quintile (20% highest rates)
-
-
-
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory


Emergency admission rate, all age, diabetes, 2008/09 - 2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised admissions per 100,000
200
100
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

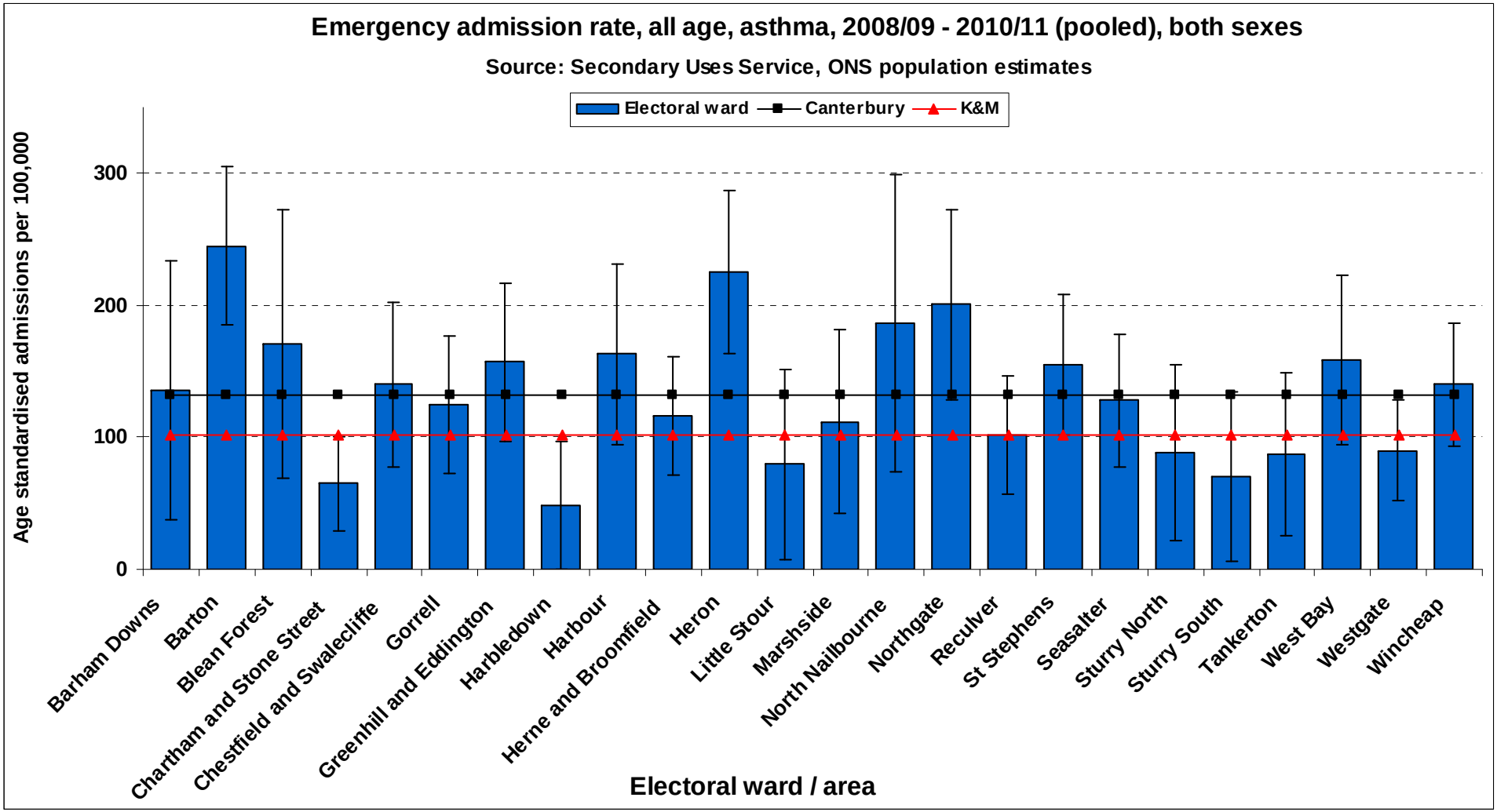
Age standardised emergency admission rates for Canterbury residents for Diabetes 2008/09 - 2010/11 by electoral ward



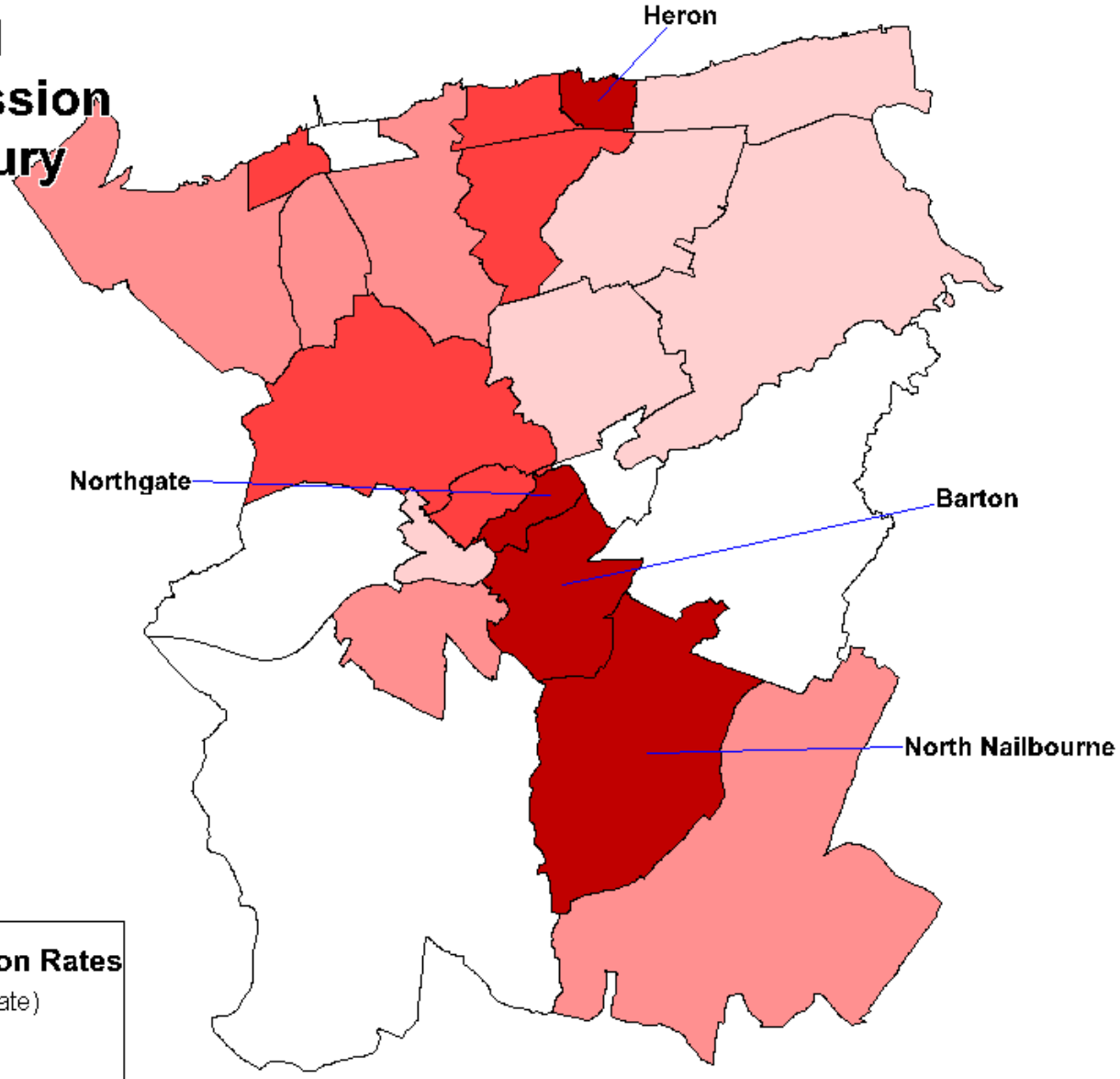
Age Standardised Admission Rates

- Worst Quintile (20% highest rates)
-
-
-
- Best Quintile (20% lowest rates)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory


Emergency admission rate, all age, asthma, 2008/09 - 2010/11 (pooled), both sexes
Source: Secondary Uses Service, ONS population estimates
Electoral ward
Canterbury
K&M
Age standardised admissions per 100,000
300
200
100
0
Barham Downs
Barton
Blean Forest
Chartham and Stone Street
Chestfield and Swalecliffe
Gorrell
Greenhill and Eddington
Harbledown
Harbour
Herne and Broomfield
Heron
Little Stour
Marshside
North Nailbourne
Northgate
Reculver
St Stephens
Seasalter
Sturry North
Sturry South
Tankerton
West Bay
Westgate
Wincheap
Electoral ward / area

Age standardised emergency admission rates for Canterbury residents for Asthma 2008/09 - 2010/11 by electoral ward



Age Standardised Admission Rates

- Worst Quintile (20% Highest Rate)
-
-
-
- Best Quintile (20% Lowest Rate)

Source: Secondary Uses Service, ONS mid year population estimates
Produced by: Kent & Medway Public Health Observatory