

From: Graham Gibbens, Cabinet Member for Adult Social Care and Public Health
 Meradin Peachey, Kent Director of Public Health

To: Kent Health and Wellbeing Board

Subject: Addressing Health Inequalities in Kent

Classification: Unrestricted

Summary

The purpose of this report is to identify geographical areas where Clinical Commissioning Groups (CCGs) and the other local partners can focus their attention for effectively reducing health inequalities, by reducing disease and gender specific under 75 mortality.

Based on the model suggested by Professor Chris Bentley the Kent Public Health department has developed a methodology to identify the number of lives that will need to be saved for effective reduction in health inequalities and where to target resources.

This paper states the number of deaths that will need to be reduced in areas that have mortality rates within the top 20% of death rates for each CCG to achieve average number of deaths across Kent and Medway.

Recommendation(s): The Health and Wellbeing Board are asked to:

- i) Note the data reported in this paper
- ii) Support CCGs and NHS England to develop action plans to address the identified number of postponed premature deaths targeting the areas with top 20% death rate.
- iii) Support the local system in working together through the local Health and Wellbeing Boards. Action planning at a local level to develop local 'Mind the Gap' needs to continue and bring together the District Council and CCG priorities to tackle health inequalities. This should be used as the mechanism to identify contribution from various parts of the system (CCGs, District Councils, KCC, Health Watch and voluntary sector) and address the wider determinants of health, health promotion and preventing poor health.

1. Introduction

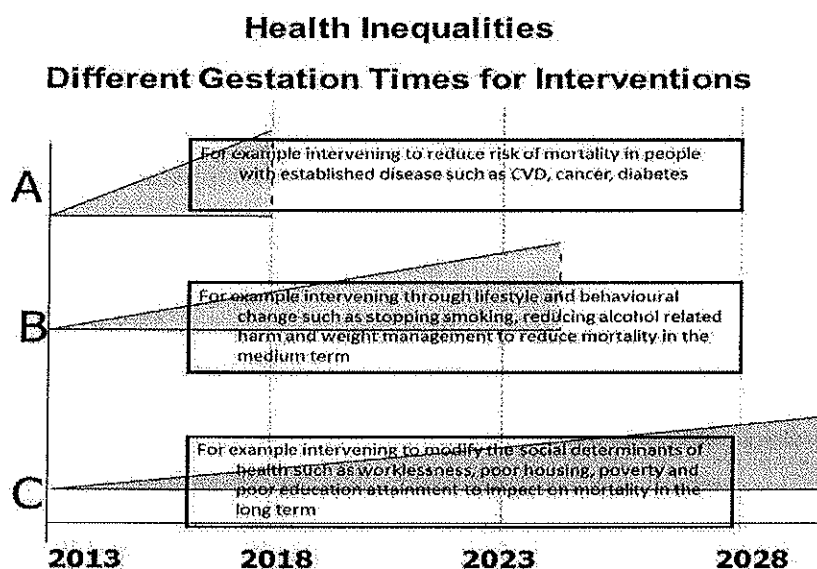
Professor Chris Bentley was invited to present his approach to 'Addressing Health Inequalities' at the November 2012 Shadow Health and Wellbeing Board, where he presented a number of tools for assessing variation that contributes to the health inequalities gap. This paper builds on the model developed by Chris Bentley to show CCGs the specific groups of adults most at risk of early deaths. The public health intelligence team have used small areas of geography (Lower level super output areas LSOAs) to help CCGs understand where the avoidable variations are.

Health inequalities are avoidable variations in health status of groups and individuals and are a complex issue. There is evidence that populations in areas with high deprivation experience higher morbidity and mortality than those areas with low deprivation (Marmot strategic review, 2010), however some less deprived areas may contain pockets of high mortality.

All partners in the local health and care system have a role to play in prevention of ill health. The Area Team and CCGs are collectively responsible for commissioning services provided through general practice that can make a difference to the early deaths in the 'at risk' groups. Therefore this paper focuses on the short term interventions which can be influenced primarily by the CCGs and assist in reducing health inequalities. Examples of these services include:

- Reduce differences across practices in Kent on how patients with high blood pressure are effectively identified on a register and managed
- Reduce differences across practices in the number of patients that are known to have diseases compared to those who are expected to have a disease for certain conditions such as diabetes, blood pressure and respiratory diseases (Chronic Obstructive Pulmonary Disease)
- Maximise access to, and use of treatment, for managing clinical conditions such as high blood cholesterol, high blood sugar in the case of known diabetics.
- CCGs and NHSE have a particular role in relation to number A in figure A below.

Figure A:



(adapted from C.Bentley)

5. Identifying target areas for intervention

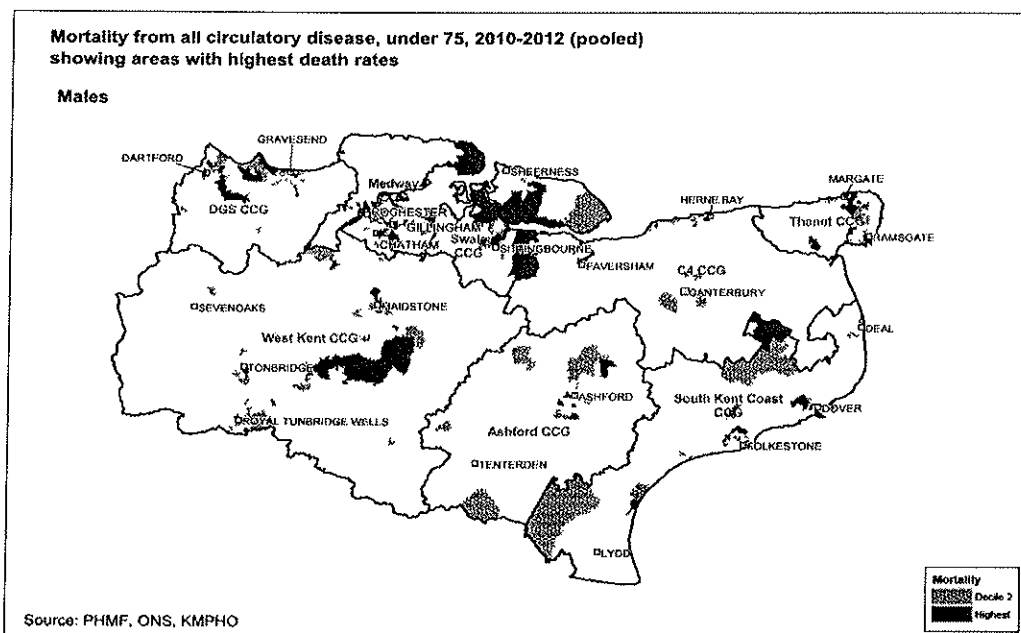
This paper highlights areas at a small geographical level (lower level super output areas) that experience high rate of deaths for premature deaths (those under 75 yrs) related to:

- circulatory diseases
- respiratory diseases
- cancer

The data analysis highlights that disease specific deaths in under 75 years is higher among males and therefore this briefing paper has information relating to men. Data on premature deaths in females is available in specific reports for the CCGs at electoral ward and LSOA level (Appendices 1-7).

Figure 1 highlights the geographical distribution in each CCG with premature male deaths experienced in the 20% of the population which have the highest mortality rates related to circulatory disease in Kent and Medway.

Figure 1: Mortality in 20% of population with highest death rates, all circulatory disease, aged under 75, 2010-2012, males, lower super output areas



5.1.2 Respiratory disease related under 75 mortality rates in men

Table 2 highlights number of respiratory disease related deaths among top 20% of the male population during 2010-2012 compared to death rate across Kent and Medway. **It shows that the death rate in top 20% of the population is nearly three times higher compared to Kent and Medway (84.4 and 27.3 per 100,000 respectively).** The table also highlights that that 20% of the CCG male population in these subsets (top LSOA) experiences 56 % of all premature deaths from respiratory diseases (452 out of a total of 805).

If each CCG were to aim for reducing their respective respiratory disease related death rates in these areas to the same level as Kent and Medway then this would mean that there would be 306 fewer deaths in a three-year period.

Lower super output areas with these higher rates are identified in the CCG-specific sections of this report.

5.1.3 Cancer related under 75 mortality rates in men

Table 3 highlights number of cancer related deaths among top 20% of the male population during 2010-2012 compared to death rate across Kent and Medway. **It shows that the death rate in top 20% of the population is nearly two times higher compared to Kent and Medway (231 and 117.2 per 100,000 respectively).** The table also highlights that that 20% of the CCG male population in these subsets (top LSOA) experiences 35% of all premature deaths from cancer (1176 out of a total of 3369).

If each CCG were to aim for reducing their respective cancer related death rates in these areas to the same level as Kent and Medway then this then there would be 579 fewer deaths in a three-year periodⁱ.

Table 3: Mortality in 20% of population with highest death rates, all cancers, aged under 75, 2010-2012, males, lower super output areas.

Mortality data for all cancers, aged under 75, 2010-2012 (pooled), males

Clinical commissioning group	Mortality in 20% of population experiencing highest death rates		Numbers of deaths in 2010-2012	Directly age-standardised mortality per 100,000	Numbers of deaths which would occur if area experienced same mortality rates as K&M	Numbers of lives that could be saved in highest 2 deciles
	Numbers of deaths in 2010-2012	Directly age-standardised mortality per 100,000				
NHS Ashford CCG	39	214.2	197	99.0	21	18
NHS Canterbury and Coastal CCG	109	213.8	346	99.8	60	49
NHS Dartford, Gravesham and Swanley CCG	147	246.8	453	116.1	70	77
NHS Medway CCG	269	247.6	559	139.6	127	142
NHS South Kent Coast CCG	184	223.3	459	125.3	97	87
NHS Swale CCG	106	229.4	245	134.8	54	52
NHS Thanet CCG	107	247.2	304	127.8	51	56
NHS West Kent CCG	215	220.1	806	107.5	115	100
Kent & Medway	1176	231.0	3369	117.2	597	579

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may be evident

Figure 3 highlights the geographical distribution within each CCG with premature male deaths experienced in the 20% of the population which have the highest mortality rates related to cancer in Kent and Medway.

7. Recommendation(s)

Recommendation(s): The Kent Health and Wellbeing Board are asked to:

- i) Note the data reported in this paper
- ii) Support CCGs to develop action plans to address the identified number of postponed premature deaths targeting the areas with top 20% death rate.
- iii) Support the local system in working together through the local Health and Wellbeing Boards. Action planning at a local level to develop local 'Mind the Gap' needs to continue and bring together the District Council and CCG priorities to tackle health inequalities. This should be used as the mechanism to identify contribution from various parts of the system (CCGs, District Councils, KCC, Health Watch and voluntary sector) and address the wider determinants of health, health promotion and preventing poor health.

8. Contact details

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Appendices:

Please Note that Blue coloured table represents data related to men and Red colour represents data related to women.

Maps for all Districts are being developed and will be provided to CCGs.

Appendix 1 - Ashford CCG district level maps

Appendix 2 - Canterbury CCG district level tables

Appendix 3 - Dartford, Gravesham, Swanley CCG district level tables

Appendix 4 - South Kent Coast CCG district level tables

Appendix 5 - Swale CCG district level tables

Appendix 6 - West Kent CCG district level tables

Appendix 7 – Thanet CCG district level tables

Table / figure Ashford 2

Mortality in females for all respiratory disease under 75, 2010-12, showing LSOAs in the highest two deciles

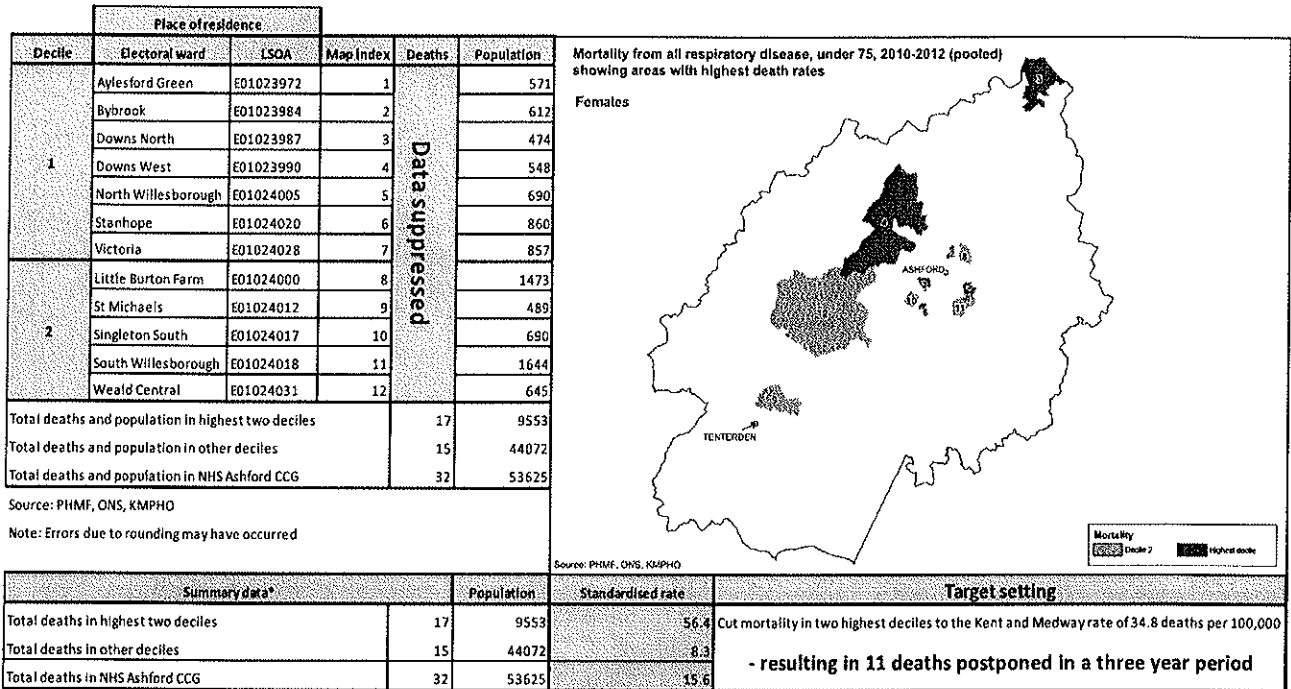
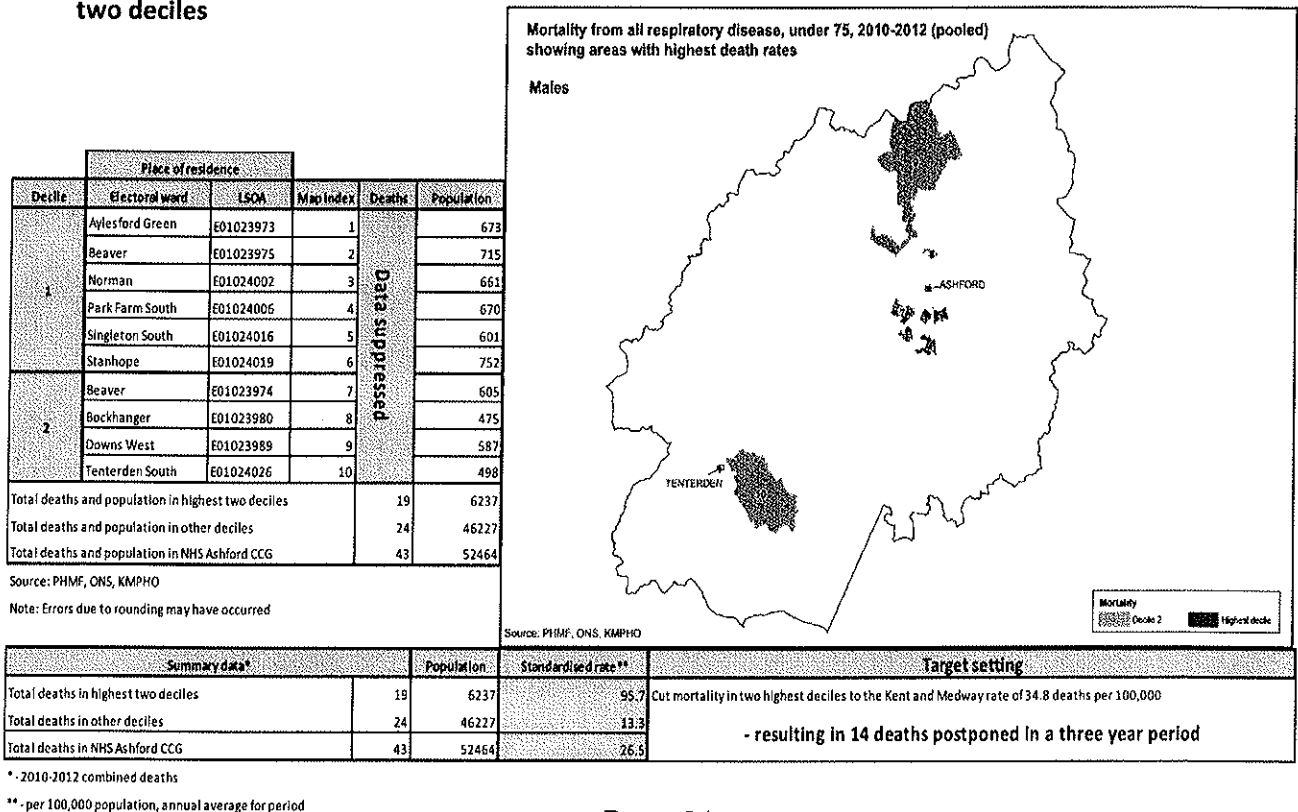


Table / figure Ashford 2a

Mortality in males for all respiratory disease under 75, 2010-12, showing LSOAs in the highest two deciles



Maps to be added

Table Canterbury 1

Mortality in females for all circulatory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map Index		
1	Blean Forest	E01024051	1	Data suppressed	2901
	Herne and Broomfield	E01024076	2		888
	Northgate	E01024093	3		1087
	Seasalter	E01024108	4		604
	Westgate	E01024126	5		686
	Wincheap	E01024128	6		787
	Watling	E01024627	7		905
2	Barton	E01024047	8		764
		E01024048	9		840
	Gorrell	E01024061	10		716
	Herne and Broomfield	E01024075	11		717
	Heron	E01024078	12		756
	Little Stour	E01024084	13		515
	Northgate	E01024090	14		1091
	St Stephens	E01024101	15		1105
	Wincheap	E01024129	16		816
	Sandwich	E01024242	17		776
	Boughton and Courtenay	E01024555	18		585
Total deaths and population in highest two deciles				42	16539
Total deaths and population in other deciles				82	75148
Total deaths and population in NHS Canterbury CCG				124	91687

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate	Target setting
Total deaths in highest two deciles	42	16539	93.6
Total deaths in other deciles	82	75148	23.0
Total deaths in NHS Canterbury CCG	124	91687	31.5

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
- resulting in 26 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Canterbury 1a

Mortality in males for all circulatory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map Index		
1	Harbour	E01024071	1	Data suppressed	738
		E01024081	2		610
	Heron	E01024082	3		602
		E01024083	4		548
	St Stephens	E01024099	5		1081
	West Bay	E01024119	6		710
2	Barton	E01024045	7		629
	Chestfield and Swalecliffe	E01024059	8		619
		E01024066	9		698
	Harbour	E01024070	10		614
	Northgate	E01024091	11		726
	Wincheap	E01024127	12		722
	Davington Priory	E01024563	13		759
Total deaths and population in highest two deciles				59	9056
Total deaths and population in other deciles				172	80533
Total deaths and population in NHS Canterbury CCG				231	89589

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	59	9056	195.7
Total deaths in other deciles	172	80533	55.9
Total deaths in NHS Canterbury CCG	231	89589	66.3

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
- resulting in 34 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Canterbury 3

Mortality in females for all cancer under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map Index		
1	Barham Downs	E01024043	1	Data suppressed	625
	Gorrell	E01024063	2		725
	Herne and Broomfield	E01024073	3		807
	Herne and Broomfield	E01024075	4		717
	Herne and Broomfield	E01024077	5		696
	Heron	E01024080	6		581
	Seasalter	E01024105	7		675
	Little Stour and Ashstone	E01024207	8		843
	Sandwich	E01024243	9		750
	Boughton and Courtenay	E01024555	10		585
	St Ann's	E01024604	11		624
2	Gorrell	E01024061	12		716
	Harbour	E01024069	13		700
	Heron	E01024078	14		756
	Little Stour	E01024084	15		525
	Marshside	E01024087	16		573
	West Bay	E01024117	17		668
	West Bay	E01024118	18		822
	Wincheap	E01024127	19		722
	Wincheap	E01024130	20		1174
	Little Stour and Ashstone	E01024206	21		778
	Watling	E01024626	22		673
Total deaths and population in highest two deciles				111	15723
Total deaths and population in other deciles				213	75965
Total deaths and population in NHS Canterbury CCG				324	91688

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate	Target setting
Total deaths in highest two deciles	111	15723	177.1
Total deaths in other deciles	213	75965	72.0
Total deaths in NHS Canterbury CCG	324	91688	91.4

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
 - resulting in 51 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Canterbury 3a

Mortality in males for all cancer under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population	
	Electoral ward	LSOA	Map Index			
1	Barton	E01024047	1	Data suppressed	801	
		E01024049	2		922	
	Chestfield and Swalecliffe	E01024059	3		619	
	Greenhill and Eddington	E01024064	4		1103	
	Harbour	E01024071	5		738	
	Heron	E01024078	6		759	
	St Stephens	E01024103	7		763	
	Westgate	E01024126	8		679	
2	St Ann's	E01024605	9		598	
	Harbledown	E01024067	10		479	
	Herne and Broomfield	E01024073	11		818	
	Heron	E01024079	12		660	
		E01024081	13		610	
	Little Stour	E01024084	14		499	
	Northgate	E01024093	15		807	
	Little Stour and Ashstone	E01024206	16		744	
		E01024207	17		823	
	Abbey	E01024552	18		806	
	Boughton and Courtenay	E01024557	19		673	
	Watling	E01024627	20		882	
Total deaths and population in highest two deciles					109	14783
Total deaths and population in other deciles					237	74806
Total deaths and population in NHS Canterbury CCG				346	89589	

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	109	14783	213.6
Total deaths in other deciles	237	74806	78.8
Total deaths in NHS Canterbury CCG	346	89589	56.9

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
 - resulting in 49 deaths suppressed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Dartford, Gravesham and Swanley 1a

Mortality in males for all circulatory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map index		
1	Bean and Darenth	E01024135	1	Data suppressed	578
	Brent	E01024138	2		735
	Castle	E01024140	3		1136
	Greenhithe	E01024141	4		710
	Joyce Green	E01024148	5		755
	Newtown	E01024162	6		808
	Princes	E01024165	7		662
	Swanscombe	E01024176	8		687
		E01024178	9		820
	Central	E01024257	10		844
		E01024258	11		777
	Northfleet North	E01024277	12		864
		E01024278	13		922
	Pelham	E01024289	14		1126
	Singlewell	E01024303	15		706
		E01024305	16		647
	Westcourt	E01024331	17		700
	Swanley St Mary's	E01024477	18		649
2	Brent	E01024139	19		767
	Greenhithe	E01024142	20		1085
	Littlebrook	E01024154	21		613
		E01024155	22		651
	Newtown	E01024163	23		827
	Princes	E01024164	24		898
	Swanscombe	E01024166	25		735
	Swanscombe	E01024179	26		1176
	Town	E01024182	27		748
	Coldharbour	E01024262	28		854
	Northfleet North	E01024279	29		793
	Northfleet South	E01024282	30		767
	Painters Ash	E01024288	31		554
	Pelham	E01024291	32		756
	Riverside	E01024296	33		1151
	Singlewell	E01024306	34		555
	Woodlands	E01024318	35		738
	Ash	E01024413	36		737
Total deaths and population in highest two deciles				149	28531
Total deaths and population in other deciles				189	81728
Total deaths and population in NHS Dartford, Gravesham and Swanley CCG				338	110259

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardized rate**	Target setting
Total deaths in highest two deciles	149	191.6	Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000 - resulting in 84 deaths postponed in a three year period
Total deaths in other deciles	189	60.4	
Total deaths in NHS Dartford, Gravesham and Swanley CCG	338	86.9	

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Dartford, Gravesham and Swanley 2a

Mortality in males for all respiratory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Place of residence					
Decile	Electoral ward	LSOA	Map Index	Deaths	Population
1	Brent	E01024138	1	Data suppressed	735
	Joyce Green	E01024149	2		1304
	Newtown	E01024164	3		898
	Central	E01024257	4		844
	Coldharbour	E01024264	5		736
	Higham	E01024266	6		470
	Northfleet South	E01024283	7		635
	Riverside	E01024295	8		852
		E01024296	9		1151
		E01024308	10		605
		E01024311	11		700
	Ash	E01024413	12		737
	Farningham, Morton Kirby and South Darenth	E01024433	13		610
	Swanley St Mary's	E01024477	14		649
	Swanley White Oak	E01024482	15		645
2	Brent	E01024139	16	767	
	Greenhithe	E01024142	17	1085	
	Newtown	E01024162	18	808	
	Stone	E01024169	19	693	
	Town	E01024181	20	658	
	Northfleet North	E01024277	21	864	
		E01024304	22	652	
	Singlewell	E01024305	23	647	
	Woodlands	E01024338	24	738	
	Hartley and Hodsoft Street	E01024443	25	556	
Total deaths and population in highest two deciles				52	19039
Total deaths and population in other deciles				46	91220
Total deaths and population in NHS Dartford, Gravesham and Swanley CCG				98	110259

Source: PHMF, ONS, KNPHO

Note: Errors due to rounding may have occurred

Summary data	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	52	19039	Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000 - resulting in 37 deaths postponed in a three year period
Total deaths in other deciles	46	91220	
Total deaths in NHS Dartford, Gravesham and Swanley CCG	98	110259	

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Dartford, Gravesham and Swanley 3a

Mortality in males for all cancer under 75, 2010-12, showing LSOAs in the highest two deciles

Place of residence					
Decile	Electorate ward	LSOA	Map Index	Deaths	Population
1	Bean and Darenth	E01024133	1	Data suppressed	701
	Joyce Green	E01024148	2		755
	Littlebrook	E01024154	3		613
		E01024156	4		790
	Stone	E01024170	5		706
		E01024171	6		755
	Wilmington	E01024187	7		453
	Higham	E01024266	8		470
		E01024278	9		922
		E01024303	10		706
	Singlewell	E01024305	11		647
		E01024306	12		555
		E01024308	13		605
		E01024313	14		650
		E01024444	15		579
		E01024476	16		757
2		E01024162	17		808
	Newtown	E01024163	18		827
		E01024175	19		582
	Sutton-at-Hone and Hawley	E01024180	20		652
	Town	E01024260	21		855
	Central	E01024263	22		713
	Coldharbour	E01024277	23		864
		E01024283	24		635
	Northfleet North	E01024293	25		768
	Riverside	E01024317	26		742
	Woodlands	E01024433	27		610
	Farningham, Norton Kirby and South Darenth	E01024434	28		870
		E01024480	29		671
Total deaths and population in highest two deciles				147	20214
Total deaths and population in other deciles				306	90043
Total deaths and population in NHS Dartford, Gravesham and Swanley CCG				453	110257

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	147	20214	Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000 - resulting in 77 deaths postponed in a three year period
Total deaths in other deciles	306	90043	
Total deaths in NHS Dartford, Gravesham and Swanley CCG	453	110257	

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table South Kent Coast 1a

Mortality in males for all circulatory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map Index		
1	Aylesham	E01024190	1	Data suppressed	646
	Maxton, Elms Vale and Priory	E01024215	2		670
		E01024216	3		679
	Mill Hill	E01024222	4		680
	North Deal	E01024229	5		627
	St Radgunds	E01024240	6		683
	St Radgunds	E01024241	7		804
	Tower Hamlets	E01024248	8		822
	Dymchurch and St Mary's Bay	E01024487	9		484
		E01024488	10		484
	Folkestone East	E01024496	11		671
	Folkestone Harbour	E01024504	12		769
		E01024505	13		800
	Folkestone Harvey Central	E01024506	14		802
	Folkestone Sandgate	E01024520	15		537
	Hythe Central	E01024522	16		530
2	Eythorne and Shepherdswell	E01024203	17	671	
		E01024204	18	660	
	Mill Hill	E01024223	19	642	
	North Deal	E01024228	20	614	
	St Radgunds	E01024239	21	699	
	Dymchurch and St Mary's Bay	E01024486	22	870	
	Folkestone Foard	E01024499	23	664	
	Folkestone Morehall	E01024512	24	717	
		E01024513	25	689	
	Folkestone Park	E01024515	26	600	
	Hythe West	E01024531	27	593	
	North Downs East	E01024541	28	910	
	Romney Marsh	E01024548	29	617	
Total deaths and population in highest two deciles				139	19634
Total deaths and population in other deciles				210	64876
Total deaths and population in NHS South Kent Coast CCG				349	84510

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	139	19634	Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000 - resulting in 77 deaths postponed in a three year period
Total deaths in other deciles	210	64876	
Total deaths in NHS South Kent Coast CCG	349	84510	

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table South Kent Coast 2a

Mortality in males for all respiratory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map Index		
1	Lydden and Temple Ewell	E01024211	1	Data suppressed	420
	Middle Deal and Sholden	E01024219	2		520
		E01024220	3		637
	St Radigunds	E01024240	4		683
	Tower Hamlets	E01024246	5		855
		E01024247	6		771
	Dymchurch and St Mary's Bay	E01024486	7		870
		E01024487	8		484
	Folkestone Cheriton	E01024488	9		484
		E01024492	10		646
	Folkestone East	E01024495	11		874
		E01024498	12		740
	Folkestone Foord	E01024501	13		725
	Folkestone Harbour	E01024505	14		800
	Folkestone Harvey West	E01024509	15		457
	Folkestone Sandgate	E01024520	16		537
		E01024521	17		618
	Lydd	E01024534	18		693
2	Eythorne and Shepherdswell	E01024205	19	691	
	Lydden and Temple Ewell	E01024210	20	573	
	Maxton, Ems Vale and Priory	E01024214	21	679	
	Maxton, Ems Vale and Priory	E01024215	22	670	
	Mill Hill	E01024222	23	680	
	Mill Hill	E01024223	24	642	
	North Deal	E01024229	25	627	
	Whitfield	E01024256	26	622	
	Folkestone Harvey Central	E01024507	27	788	
	Hythe Central	E01024522	28	530	
	Lydd	E01024532	29	654	
	North Downs West	E01024547	30	558	
Total deaths and population in highest two deciles				69	19528
Total deaths and population in other deciles				52	64981
Total deaths and population in NHS South Kent Coast CCG				121	84509

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	69	35.3	Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000 - resulting in 48 deaths postponed in a three year period
Total deaths in other deciles	52	16.2	
Total deaths in NHS South Kent Coast CCG	121	32.1	

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table South Kent Coast 3a

Mortality in males for all cancer under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map index		
1	Middle Deal and Sholden	E01024218	1	Data suppressed	521
	Tower Hamlets	E01024247	2		772
	Dymchurch and St Mary's Bay	E01024486	3		870
	Folkestone Cheriton	E01024492	4		646
	Folkestone East	E01024496	5		614
	Folkestone Harbour	E01024503	6		671
	Folkestone Harvey Central	E01024505	7		751
	Folkestone Park	E01024508	8		800
	Lydd	E01024518	9		701
	North Downs West	E01024534	10		763
	North Downs West	E01024547	11		693
	North Downs West	E01024547	12		558
2	Buckland	E01024193	13	Data suppressed	600
	Lydden and Temple Ewell	E01024211	14		420
	Makton, Elms Vale and Priory	E01024213	15		630
	North Deal	E01024230	16		539
	Ringwould	E01024232	17		820
	Walmer	E01024250	18		681
	Whitfield	E01024255	19		638
	Dymchurch and St Mary's Bay	E01024489	20		731
	Folkestone Cheriton	E01024494	21		701
	Folkestone East	E01024498	22		740
	Folkestone Sandgate	E01024519	23		1183
	Hythe Central	E01024525	24		575
	Lydd	E01024533	25		483
	New Romney Town	E01024540	26		665
	North Downs East	E01024543	27		1421
Total deaths and population in highest two deciles				184	19186
Total deaths and population in other deciles				275	65322
Total deaths and population in NHS South Kent Coast CCG				459	84508

Source: PHMF, DNS, KMPHQ

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	184	19186	Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000 - resulting in 87 deaths postponed in a three year period
Total deaths in other deciles	275	65322	
Total deaths in NHS South Kent Coast CCG	459	84508	

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Swale 1 a

Mortality in males for all circulatory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map index		
1	Grove	E01024567	1	Data suppressed	1291
	Iwade and Lower Halstow	E01024574	2		1460
	Milton Regis	E01024584	3		741
	Sheerness East	E01024610	4		718
	Sheppey Central	E01024620	5		572
		E01024621	6		502
	Teynham and Lynsted	E01024624	7		718
2	Chalkwell	E01024559	8		548
		E01024561	9		573
		E01024562	10		668
	Grove	E01024569	11		734
	Kemsley	E01024577	12		691
		E01024578	13		786
	Leysdown and Warden	E01024580	14		782
	Milton Regis	E01024582	15		690
	Minster Cliffs	E01024585	16		676
	Murston	E01024590	17		799
	Roman	E01024600	18		660
	Sheerness West	E01024614	19		705
Total deaths and population in highest two deciles				84	14314
Total deaths and population in other deciles				75	34864
Total deaths and population in NHS Swale CCG				159	49178

Source: PHMF, ONS, KMPHD

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	84	14314	171.1
Total deaths in other deciles	75	34864	57.9
Total deaths in NHS Swale CCG	159	49178	89.5

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
- resulting in 43 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Swale 3

Mortality in females for all cancer under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map Index		
1	Kemsley	E01024577	1	Data suppressed	655
		E01024579	2		1267
	Minster Cliffs	E01024585	3		653
		E01024588	4		649
	Queenborough and Halfway	E01024595	5		727
		E01024598	6		687
	Sheerness East	E01024609	7		575
		E01024610	8		728
	Sheppey Central	E01024619	9		665
2	Borden	E01024554	10		1134
	Grove	E01024567	11		1332
	Milton Regis	E01024584	12		812
	Minster Cliffs	E01024589	13		670
	Sheerness West	E01024613	14		667
		E01024616	15		741
	Sheppey Central	E01024620	16		577
		E01024621	17		564
	Teynham and Lynsted	E01024624	18		712
Woodstock	E01024630	19	652		
Total deaths and population in highest two deciles				96	14467
Total deaths and population in other deciles				104	33523
Total deaths and population in NHS Swale CCG				200	47990

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	96	14467	179.2
Total deaths in other deciles	104	33523	81.6
Total deaths in NHS Swale CCG	200	47990	110.4

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
- resulting in 45 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table Swale 3a

Mortality in males for all cancer under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map Index		
1	Chalkwell	E01024560	1	Data suppressed	559
		E01024581	2		704
	Milton Regis	E01024582	3		690
	Murston	E01024593	4		669
		Queenborough and Halfway	E01024595		5
	Roman	E01024600	6		660
	Sheerness East	E01024611	7		785
		E01024614	8		705
	Sheppey Central	E01024621	9		502
2	Hartlip, Newington and Upchurch	E01024572	10		627
	Iwade and Lower Halstow	E01024575	11		562
	Leysdown and Warden	E01024580	12		782
		E01024583	13		744
	Milton Regis	E01024584	14		741
		Queenborough and Halfway	E01024597		15
	Roman	E01024599	16		911
	St Michaels	E01024608	17		697
	Sheerness West	E01024613	18		674
E01024615		19	661		
Total deaths and population in highest two deciles				106	12995
Total deaths and population in other deciles				139	36181
Total deaths and population in NHS Swale CCG				245	49176

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	106	12995	219.49
Total deaths in other deciles	139	36181	107.70
Total deaths in NHS Swale CCG	245	49176	134.80

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
- resulting in 52 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table West Kent 1a

Mortality in males for all circulatory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Place of residence					
Decile	Electoral ward	LSOA	Map index	Deaths	Population
1	Boughton Monchelsea and Chart Sutton	E01024332	1	passed/pt/aged	529
	East	E01024352	2		794
	High Street	E01024370	3		995
	High Street	E01024372	4		919
	High Street	E01024374	5		692
	Marden and Yalding	E01024379	6		839
	North	E01024383	7		979
	North	E01024384	8		817
	Park Wood	E01024389	9		762
	Medway	E01024766	10		849
	Snodland East	E01024769	11		645
	Snodland East	E01024770	12		484
	Trench	E01024776	13		558
	Culverden	E01024801	14		1043
	Paddock Wood East	E01024813	15		680
	Park	E01024821	16		744
	Pembury	E01024827	17		694
2	Boxley	E01024334	18		486
	High Street	E01024339	19		946
	Coxheath and Hunton	E01024342	20		664
	Fant	E01024358	21		747
	Fant	E01024359	22		1186
	Shepway North	E01024392	23		746
	Sutton Valence and Langley	E01024410	24		619
	Seal and Weald	E01024457	25		524
	Judd	E01024757	26		746
	Snodland West	E01024774	27		1060
	Vauxhall	E01024780	28		782
	Benenden and Cranbrook	E01024790	29		577
	Broadwater	E01024795	30		616
	Paddock Wood West	E01024816	31		604
	Pantiles and St Marks	E01024819	32		686
	Park	E01024822	33		817
	Sherwood	E01024841	34		875
	Southborough and High Brooms	E01024843	35		704
Total deaths and population in highest two deciles				148	26408
Total deaths and population in other deciles				366	174987
Total deaths and population in NHS Medway CCG				514	201395

Source: PHMF, ONS, KMPHD

Note: Errors due to rounding may have occurred

Summary data [*]	Population	Standardized rate ^{**}	Target setting
Total deaths in highest two deciles	148	26408	126.6
Total deaths in other deciles	366	174987	54.4
Total deaths in NHS Medway CCG	514	201395	68.7

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
- resulting in 82 deaths postponed in a three year period

^{*} - 2010-2012 combined deaths

^{**} - per 100,000 population, annual average for period

Table West Kent 2a

Mortality in males for all respiratory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Place of residence					
Decile	Electoral ward	LSOA	Map index	Deaths	Population
1	East	E01024355	1		928
	High Street	E01024370	2		995
	Shepway North	E01024395	3		654
	Shepway South	E01024400	4		525
	South	E01024403	5		768
	Aylesford	E01024717	6		666
	Blue Bell Hill and Walderslade	E01024722	7		643
	Ditton	E01024735	8		726
	Hiddenborough	E01024753	9		672
	Snodland East	E01024769	10		645
		E01024771	11		825
	Trench	E01024777	12		526
	Vauxhall	E01024779	13		772
	West Malling and Leybourne	E01024783	14		629
	Broadwater	E01024797	15		644
	Park	E01024821	16		744
	Rusthall	E01024831	17		659
	St James'	E01024833	18		902
	Bearsted	E01024330	19		729
2	Fant	E01024357	20		782
		E01024358	21		747
	High Street	E01024372	22		919
	Park Wood	E01024388	23		1157
	Shepway South	E01024389	24		762
		E01024397	25		622
	South	E01024405	26		791
	Staplehurst	E01024407	27		680
	Sutton Valence and Langley	E01024411	28		543
	Brasted, Chevening and Sundridge	E01024417	29		699
	Halstead, Knockholt and Badgers Mount	E01024439	30		760
	Westerham and Crockham Hill	E01024485	31		754
	Cage Green	E01024731	32		475
	Castle	E01024734	33		691
	East Malling	E01024741	34		664
	Snodland East	E01024770	35		484
	Trench	E01024776	36		558
	Vauxhall	E01024780	37		782
	Broadwater	E01024796	38		626
	Goudhurst and Lamberhurst	E01024804	39		686
	Hawkhurst and Sandhurst	E01024810	40		747
	Park	E01024823	41		813
		E01024827	42		694
	Pembury	E01024828	43		708
	Southborough and High Brooms	E01024843	44		704
	Speldhurst and Bidborough	E01024851	45		724
Total deaths and population in highest two deciles				91	32224
Total deaths and population in other deciles				87	169170
Total deaths and population in NHS West Kent CCG				178	201394

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	91	32224	80.6
Total deaths in other deciles	87	169170	13.4
Total deaths in NHS West Kent CCG	178	201394	23.8

- resulting in 60 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table West Kent 3 a

Mortality in males for all cancer under 75, 2010-12, showing LSOAs in the highest two deciles

Place of residence					
Decile	Electoral ward	LSOA	Map Index	Deaths	Population
1	Fant	E01024357	1	Data suppressed	782
	Harrietsham and Lenham	E01024361	2		772
	High Street	E01024370	3		995
	Park Wood	E01024388	4		1157
	Shepway North	E01024391	5		665
	Staplehurst	E01024395	6		654
	Staplehurst	E01024406	7		717
	Sevenoaks Eastern	E01024460	8		807
	Aylesford	E01024717	9		666
	Castle	E01024733	10		728
	Snodland West	E01024774	11		1060
	Trench	E01024777	12		526
	Paddock Wood West	E01024816	13		604
	Park	E01024824	14		713
	St James'	E01024832	15		736
		E01024833	16		902
	Southborough and High Brooms	E01024834	17		951
		E01024843	18		704
		E01024847	19		687
2	Bridge	E01024340	20		969
	East	E01024352	21		794
		E01024355	22		928
	Fant	E01024358	23		747
	High Street	E01024374	24		692
	Shepway South	E01024397	25		622
	South	E01024401	26		636
	Staplehurst	E01024407	27		680
	Edenbridge South and West	E01024428	28		572
	Haistead, Knockholt and Badgers Mount	E01024439	29		760
	Aylesford	E01024719	30		974
	Ditton	E01024737	31		983
	East Malling	E01024742	32		792
	Medway	E01024767	33		659
		E01024768	34		710
	Vauxhall	E01024779	35		772
	West Malling and Leybourne	E01024785	36		664
	Brenchley and Horsmonden	E01024794	37		741
	Culverden	E01024800	38		685
	Hawkhurst and Sandhurst	E01024807	39		709
	Hawkhurst and Sandhurst	E01024810	40		747
	Pembury	E01024826	41		656
	St John's	E01024835	42		926
Total deaths and population in highest two deciles				215	32244
Total deaths and population in other deciles				591	169148
Total deaths and population in NHS West Kent CCG				806	201392

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	215	32244	220.1
Total deaths in other deciles	591	169148	90.0
Total deaths in NHS West Kent CCG	806	201392	107.7

- resulting in 100 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table 1 a Thanet

Mortality in males for all circulatory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Decile	Place of residence			Deaths	Population
	Electoral ward	LSOA	Map index		
1	Beacon Road	E01024634	1	Data suppressed	607
	Central Harbour	E01024646	2		731
	Cliftonville West	E01024657	3		854
		E01024658	4		773
		E01024659	5		681
		E01024660	6		706
	Dane Valley	E01024664	7		772
		E01024666	8		776
	Margate Central	E01024676	9		699
		E01024677	10		886
		E01024678	11		764
	Newington	E01024682	12		719
		E01024683	13		779
	Salmestone	E01024694	14		703
		E01024696	15		564
	Thanet Villages	E01024702	16		620
2	Central Harbour	E01024648	17	700	
		E01024649	18	625	
	Cliffsend and Pegwell	E01024651	19	657	
	Eastcliff	E01024667	20	775	
	St Peters	E01024668	21	618	
		E01024690	22	625	
	Westbrook	E01024691	23	571	
		E01024710	24	602	
E01024711		25	641		
	E01024712	26	673		
Total deaths and population in highest two deciles				135	18121
Total deaths and population in other deciles				123	39584
Total deaths and population in NHS Thanet CCG				258	57705

Source: PHMF, ONS, KMPHD

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	135	18121	215.0
Total deaths in other deciles	123	39584	68.1
Total deaths in NHS Thanet CCG	258	57705	110.8

Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000
- resulting in 82 deaths postponed in a three year period

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table 2a Thanet

Mortality in males for all respiratory disease under 75, 2010-12, showing LSOAs in the highest two deciles

Place of residence					
Decile	Electoral ward	LSOA	Map Index	Deaths	Population
1	Cliftonville East	E01024654	1	Data suppressed	631
		E01024657	2		854
	Cliftonville West	E01024659	3		681
		E01024661	4		694
	Dane Valley	E01024654	5		772
	Margate Central	E01024676	6		699
		E01024677	7		886
	Nethercourt	E01024681	8		722
	Newington	E01024683	9		779
	Westbrook	E01024710	10		602
	Westgate-on-Sea	E01024713	11		660
		E01024715	12		715
2	Beacon Road	E01024633	13		685
		E01024634	14		607
	Birchington South	E01024639	15		639
		E01024641	16		604
	Central Harbour	E01024649	17		625
	Cliftonville West	E01024660	18		706
	Dane Valley	E01024666	19		776
	Eastcliff	E01024670	20		659
	Nethercourt	E01024680	21		697
	Northwood	E01024688	22		648
	St Peters	E01024690	23		625
	Salmestone	E01024695	24		614
	Salmestone	E01024696	25	564	
	Viking	E01024709	26	620	
	Westbrook	E01024711	27	641	
	Westgate-on-Sea	E01024714	28	564	
Total deaths and population in highest two deciles				62	18969
Total deaths and population in other deciles				30	38736
Total deaths and population in NHS Thanet CCG				92	57705

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	62	18969	Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000 - resulting in 41 deaths postponed in a three year period
Total deaths in other deciles	30	38736	
Total deaths in NHS Thanet CCG	92	57705	

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

Table 3a Thanet

Mortality in males for all cancer under 75, 2010-12, showing LSOAs in the highest two deciles

Place of residence					
Decile	Electoral ward	LSOA	Map index	Deaths	Population
1	Central Harbour	E01024645	1	Data suppressed	715
	Cliffsend and Pogwell	E01024650	2		674
		E01024651	3		657
	Dane Valley	E01024663	4		751
		E01024667	5		775
	Eastcliff	E01024668	6		618
		E01024670	7		659
	Margate Central	E01024676	8		699
	Sir Moses Montefiore	E01024700	9		852
	Westbrook	E01024710	10		602
		E01024713	11		660
		E01024714	12		564
2	Birchington South	E01024641	13		604
	Cliftonville West	E01024660	14		706
	Eastcliff	E01024669	15		740
	Sir Moses Montefiore	E01024699	16		869
	Westgate-on-Sea	E01024715	17		715
Total deaths and population in highest two deciles				107	11860
Total deaths and population in other deciles				197	45844
Total deaths and population in NHS Thanet CCG				304	57704

Source: PHMF, ONS, KMPHO

Note: Errors due to rounding may have occurred

Summary data*	Population	Standardised rate**	Target setting
Total deaths in highest two deciles	107	11860	Cut mortality in two highest deciles to the Kent and Medway rate of 34.8 deaths per 100,000 - resulting in 56 deaths postponed in a three year period
Total deaths in other deciles	197	45844	
Total deaths in NHS Thanet CCG	304	57704	

* - 2010-2012 combined deaths

** - per 100,000 population, annual average for period

¹ Reduction in number of cancer related deaths should be interpreted with caution as improvements may take decades to become apparent