CANTERBURY & COASTAL CCG

Analysis of Deprived Areas

In the most deprived decile for Kent

January 2016

KCC Public Health is taking a new approach to reducing health inequalities in the county, by producing focussed analysis of LSOAs in the most deprived decile. Multivariate segmentation techniques have been used to identify different 'types' of deprivation in Kent. This report shows our analysis of the most deprived areas in the Canterbury and Coastal CCG area. For more information on the rationale of this approach and our methods, please see the full report.

Produced by

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Background

Canterbury and Coastal CCG covers the Kent district of Canterbury and parts of Swale and Dover. The main towns are Canterbury in the centre, Whitstable and Herne Bay on the north coast, and Faversham most westward. The rest of the area is largely rural with many villages. The level of deprivation and health outcomes are around the Kent average. 8 LSOAs feature in the most deprived decile for deprivation in Kent, around Canterbury City, north Faversham, Seasalter and Herne Bay.

Deprived Areas

Ward Code	Ward Name	LSOA Code	LSOA name	LSOA rank	GP practice codes serving LSOA			Type
E05005060	Davington Priory	E01024563	Swale 015D	25	G82027	G82039		3
E05004912	Heron	E01024080	Canterbury 001B	69	G82119	G82029	G82090	4
		E01024081	Canterbury 001C	76	G82090	G82119		4
		E01024078	Canterbury 001A	80	G82119	G82090		4
E05004916	Northgate	E01024091	Canterbury 011A	82	G82060			3
E05004907	Gorrell	E01024061	Canterbury 007B	63	G82071			3
E05004919	Seasalter	E01024108	Canterbury 009D	79	G82071			3
E05004925	Wincheap	E01024128	Canterbury 019A	60	G82082	G82060		3
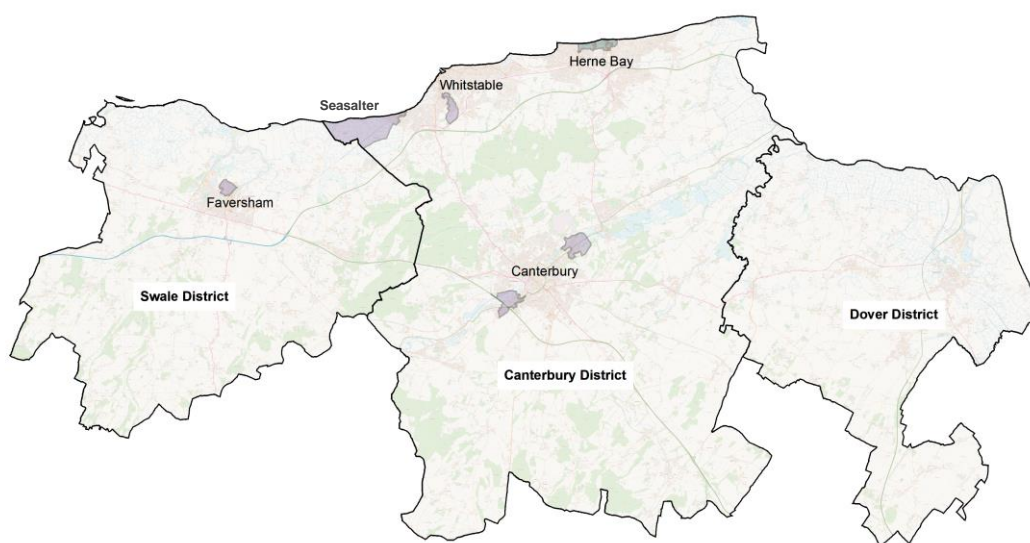
Families in social housing

Canterbury & Coastal CCG
Type 3 Deprived LSOAs
Davington Priory, Northgate, Gorrell, Seasalter, Wincheap

MAIN ISSUES

Characteristics

- Families with children in social housing
- Low incomes
- Poor scores for education
- Fairly high number of single parents
- Better living environment and lower crime rates than other deprived area types.
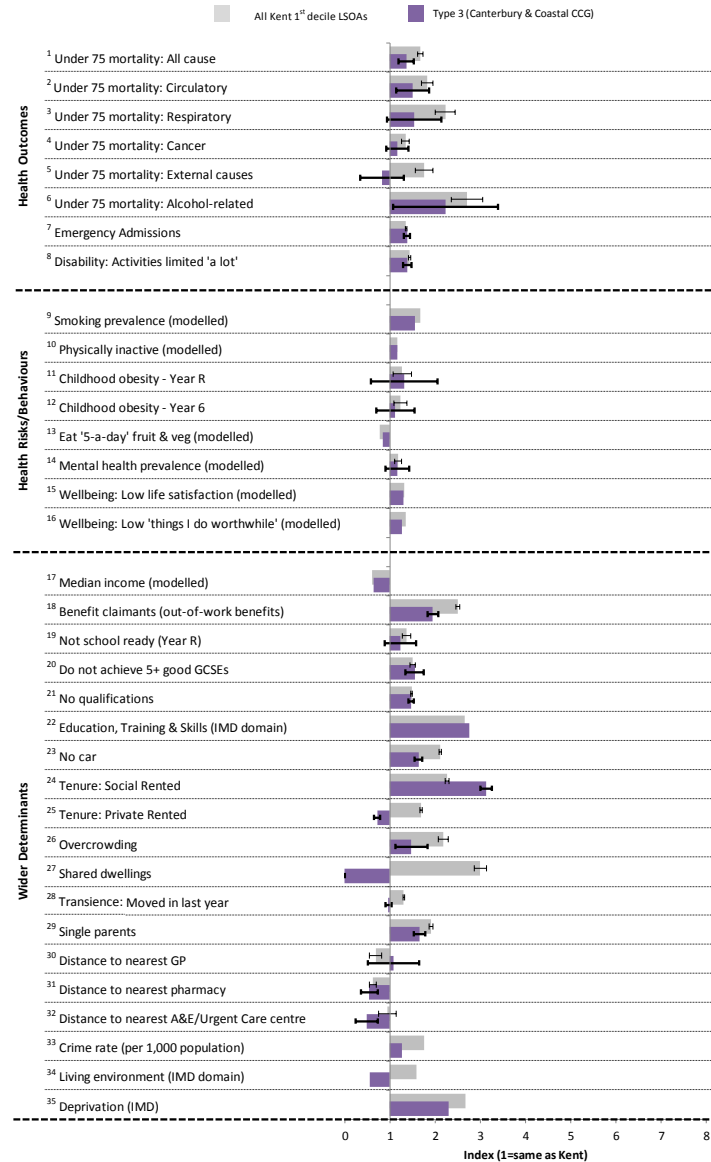
Health Risks/Behaviours

- High smoking prevalence
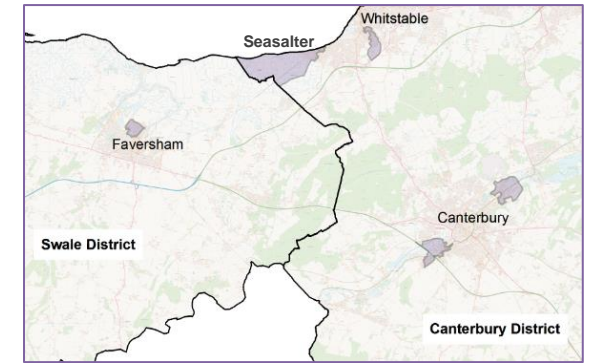- Low levels of wellbeing

Health Outcomes

- Higher all-cause premature mortality than the Kent average, but less than other deprived areas
- High emergency hospital admission rates
- High rates of disability ('activities limited a lot')

3

Legend: ☐ All Kent 1st decile LSOAs ☐ Type 3 (Canterbury & Coastal CCG)

Health Outcomes
1 Under 75 mortality: All cause
2 Under 75 mortality: Circulatory
3 Under 75 mortality: Respiratory
4 Under 75 mortality: Cancer
5 Under 75 mortality: External causes
6 Under 75 mortality: Alcohol-related
7 Emergency Admissions
8 Disability: Activities limited 'a lot'

Health Risks/Behaviours
9 Smoking prevalence (modelled)
10 Physically inactive (modelled)
11 Childhood obesity - Year R
12 Childhood obesity - Year 6
13 Eat '5-a-day' fruit & veg (modelled)
14 Mental health prevalence (modelled)
15 Wellbeing: Low life satisfaction (modelled)
16 Wellbeing: Low 'things I do worthwhile' (modelled)

Wider Determinants
17 Median income (modelled)
18 Benefit claimants (out-of-work benefits)
19 Not school ready (Year R)
20 Do not achieve 5+ good GCSEs
21 No qualifications
22 Education, Training & Skills (IMD domain)
23 No car
24 Tenure: Social Rented
25 Tenure: Private Rented
26 Overcrowding
27 Shared dwellings
28 Transience: Moved in last year
29 Single parents
30 Distance to nearest GP
31 Distance to nearest pharmacy
32 Distance to nearest A&E/Urgent Care centre
33 Crime rate (per 1,000 population)
34 Living environment (IMD domain)
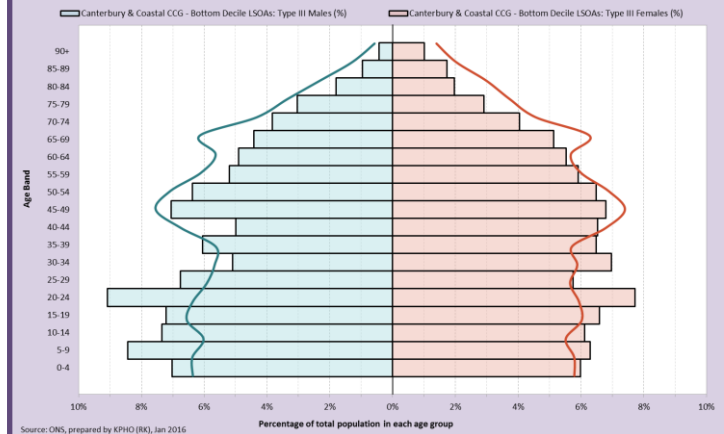35 Deprivation (IMD)

Index (1=same as Kent)

Prepared by KPHO (RK), Jan 2016

POPULATION DISTRIBUTION

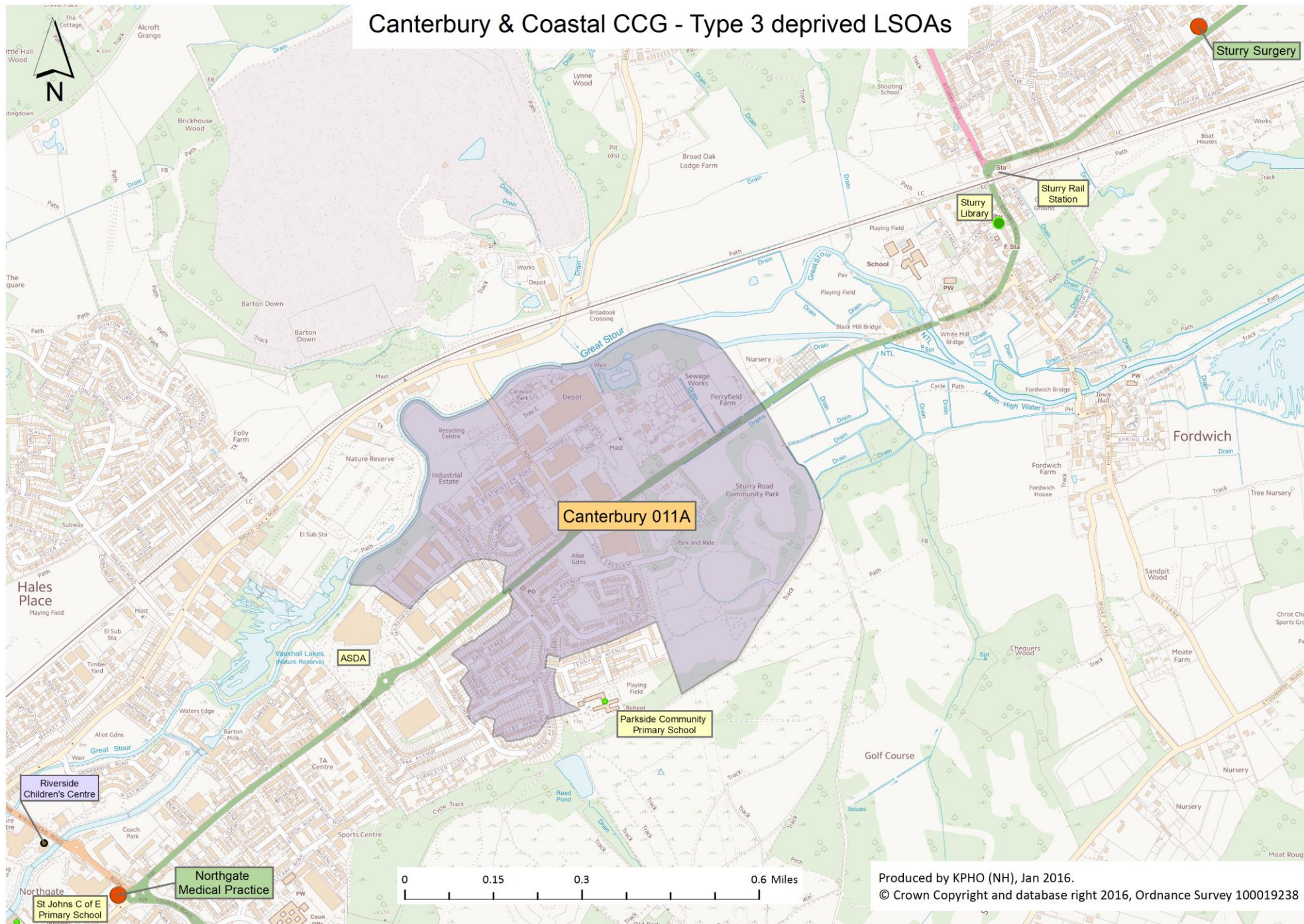### 2014 Resident population in Canterbury & Coastal CCG - Bottom Decile LSOAs: Type III compared to Kent

Legend: ☐ Canterbury & Coastal CCG - Bottom Decile LSOAs: Type III Males (%) ☐ Canterbury & Coastal CCG - Bottom Decile LSOAs: Type III Females (%)

Source: ONS, prepared by KPHO (RK), Jan 2016

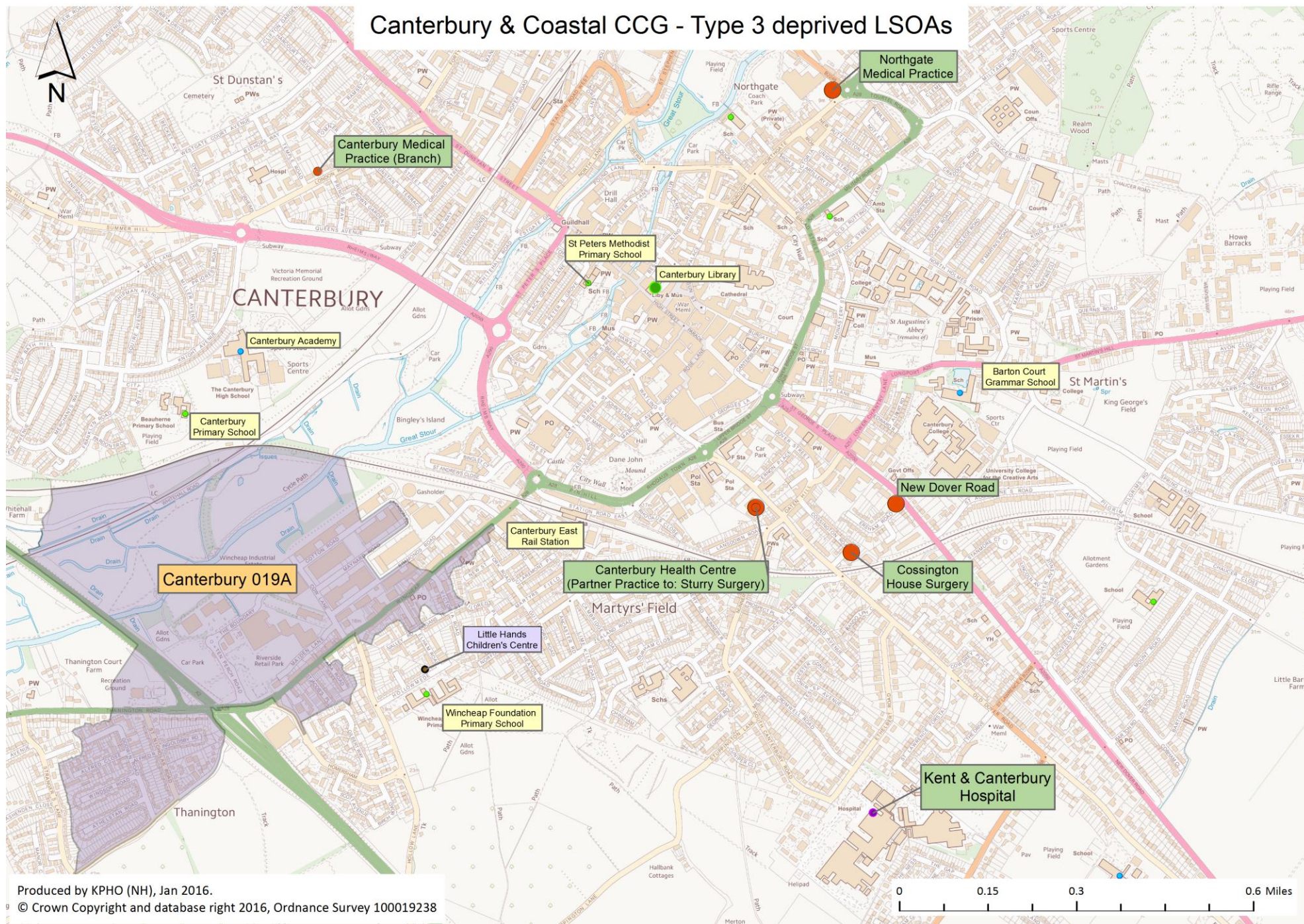- Higher numbers of children
- High numbers of young adults

KEY FOCUS AREAS:

Training, qualifications and employment for parents

Child health and education.

Canterbury & Coastal CCG - Type 3 deprived LSOAs

Canterbury 011A
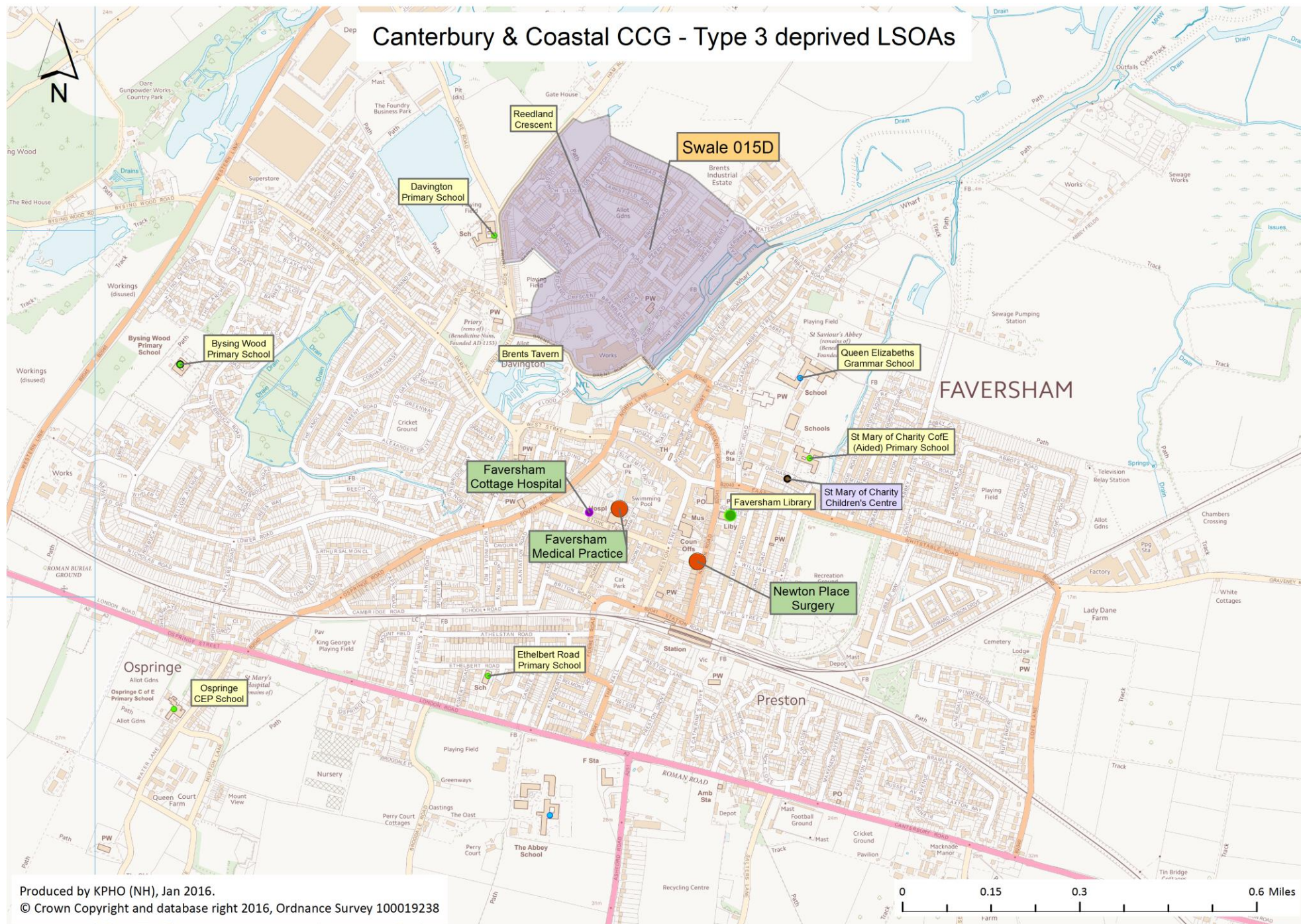
Sturry Surgery

Sturry Rail Station

Sturry Library

Fordwich

Hales Place

ASDA

Parkside Community Primary School

Riverside Children's Centre

Northgate Medical Practice

St Johns C of E Primary School

0   0.15   0.3   0.6 Miles

Produced by KPHO (NH), Jan 2016.
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Canterbury & Coastal CCG - Type 3 deprived LSOAs

N

Northgate Medical Practice

Canterbury Medical Practice (Branch)

St Peters Methodist Primary School

Canterbury Library

CANTERBURY

Canterbury Academy

Barton Court Grammar School

St Martin's

Canterbury Primary School

New Dover Road

Canterbury East Rail Station

Canterbury Health Centre (Partner Practice to: Sturry Surgery)

Cossington House Surgery

Canterbury 019A

Martyrs' Field

Little Hands Children's Centre

Wincheap Foundation Primary School

Thanington

Kent & Canterbury Hospital

| 0 | 0.15 | 0.3 | 0.6 Miles |

Canterbury & Coastal CCG - Type 3 deprived LSOAs

Reedland Crescent

Swale 015D

Davington Primary School

Bysing Wood Primary School

Brents Tavern

Queen Elizabeths Grammar School

FAVERSHAM

St Mary of Charity CofE (Aided) Primary School

Faversham Cottage Hospital

Faversham Library

St Mary of Charity Children's Centre

Faversham Medical Practice

Newton Place Surgery

Ospringe

Ethelbert Road Primary School

Ospringe CEP School

Preston

0   0.15   0.3   0.6 Miles

Canterbury & Coastal CCG - Type 3 deprived LSOAs

N

WHITSTABLE

School

St Alphege CEI School

Whitstable Library

Whitstable Junior School

Whitstable Rail Station

Thurston Park

Lower Island

Church Street

South Tankerton

Whitstable Community College

Joy Lane Children's Centre

Saddleton Road Whitstable

South Street

Joy Lane Primary School

Seasalter

Canterbury 007B

Whitstable Medical Practice

0   0.15   0.3   0.6 Miles

Canterbury & Coastal CCG - Type 3 deprived LSOAs

N

Seasalter Bridge

Saddleton Road (Branch)

Seasalter

Faversham Road

Lucerne Drive / Faversham Road Junction

Ye Olde Sportsman

Canterbury 009D

Whitstable Medical Practice

Graveney Marshes

Seasalter Level

0   0.175   0.35   0.7 Miles

Young people in poor quality accommodation
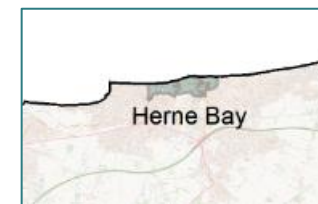
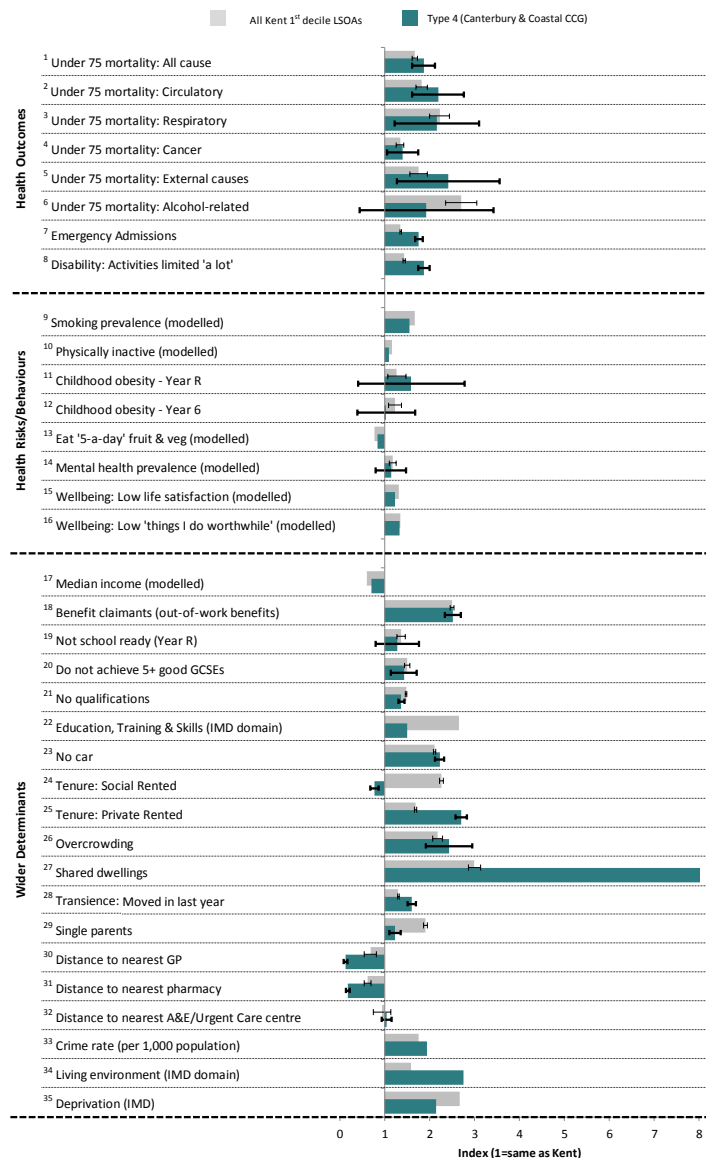### MAIN ISSUES

Characteristics

- Young adults in private rented accommodation
- Better educated than other deprivation types
- Low incomes, but not as low as other deprivation types
- High levels of shared dwellings and overcrowding
- Particularly poor living environment with high crime rates
- High levels of out-of-work benefit claimants
- Particularly high rate of movement/transiency

Health Risks/Behaviours

- High smoking prevalence
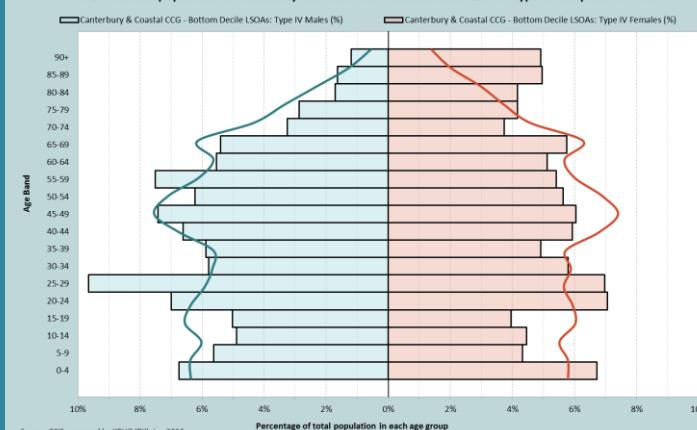- Low levels of wellbeing

Health Outcomes

- High premature mortality rates
- Particularly high emergency hospital admission rates
- Particularly high rates of disability ('activities limited a lot')

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Herne Bay

All Kent 1st decile LSOAs   Type 4 (Canterbury & Coastal CCG)

Health Outcomes

1 Under 75 mortality: All cause
2 Under 75 mortality: Circulatory
3 Under 75 mortality: Respiratory
4 Under 75 mortality: Cancer
5 Under 75 mortality: External causes
6 Under 75 mortality: Alcohol-related
7 Emergency Admissions
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25 Tenure: Private Rented
26 Overcrowding
27 Shared dwellings
28 Transience: Moved in last year
29 Single parents
30 Distance to nearest GP
31 Distance to nearest pharmacy
32 Distance to nearest A&E/Urgent Care centre
33 Crime rate (per 1,000 population)
34 Living environment (IMD domain)
35 Deprivation (IMD)

Index (1=same as Kent)

Prepared by KPHO (RK), Jan 2016

POPULATION DISTRIBUTION

2014 Resident population in Canterbury & Coastal CCG - Bottom Decile LSOAs: Type IV compared to Kent

Canterbury & Coastal CCG - Bottom Decile LSOAs: Type IV Males (%)   Canterbury & Coastal CCG - Bottom Decile LSOAs: Type IV Females (%)

Age Band: 90+, 85-89, 80-84, 75-79, 70-74, 65-69, 60-64, 55-59, 50-54, 45-49, 40-44, 35-39, 30-34, 25-29, 20-24, 15-19, 10-14, 5-9, 0-4

Percentage of total population in each age group
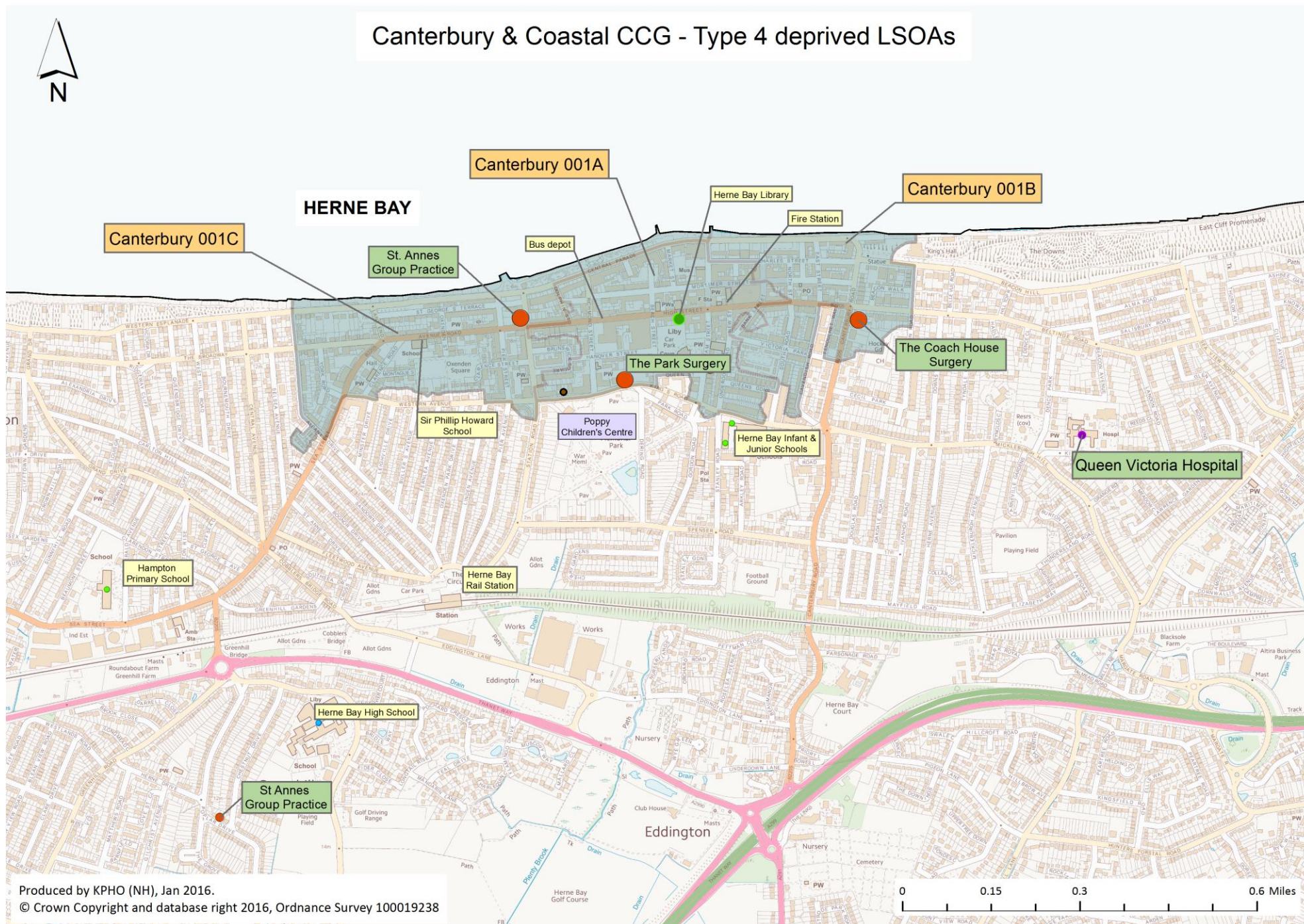
Source: ONS, prepared by KPHO (RK), Jan 2016

- High numbers of young adults
- Low numbers of children and teenagers

KEY FOCUS AREAS:

Improve living environment and good affordable housing

Canterbury & Coastal CCG - Type 4 deprived LSOAs

N

HERNE BAY

Canterbury 001A

Canterbury 001B

Canterbury 001C

Herne Bay Library

Fire Station

St. Annes Group Practice

Bus depot

The Coach House Surgery

The Park Surgery

Sir Phillip Howard School

Poppy Children's Centre

Herne Bay Infant & Junior Schools

Queen Victoria Hospital

Hampton Primary School

Herne Bay Rail Station

Football Ground

Herne Bay High School

Eddington

St Annes Group Practice

Herne Bay Golf Course

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0   0.15   0.3   0.6 Miles

GP Practices

GP Practices Serving Deprived LSOAs: Recorded Disease Prevalence

For the GP practices that serve LSOAs in the most deprived decile, we have analysed the recorded disease prevalence from QOF data (Quality Outcomes Framework). Note that the data shows recorded disease prevalence, and does not account for undiagnosed disease in the community.

- High levels of Atrial Fibrillation, Chronic Kidney Disease, and dementia in many of these practices.
- St Annes Group Practice and The Park Surgery appear to have high recorded disease prevalence across a large number of conditions.

GP Practice		Asthma	Atrial Fibrillation	Cancer	Coronary Heart Disease	Chronic Kidney Disease	COPD	Diabetes	Heart Failure	Hyper-tension	Stroke & TIA	Mental health	Dementia	Epilepsy	Depression	Learning Disabilities
G82027	Faversham Medical Practice	5.7	2.0	2.6	3.1	4.7	1.8	6.9	0.3	14.6	2.0	0.6	0.6	0.9	7.6	0.4
G82029	The Coach House Surgery	6.7	2.6	2.5	4.7	6.4	2.0	8.4	0.7	15.7	2.9	0.8	1.4	1.2	6.8	0.6
G82039	Newton Road Surgery	6.9	2.3	2.8	3.2	6.3	1.8	6.2	0.6	14.7	2.0	0.7	1.0	0.9	11.7	0.7
G82060	Northgate Medical Practice	6.2	2.3	2.7	3.8	5.8	2.2	5.7	0.7	15.4	1.9	1.6	0.8	1.1	7.0	0.6
G82071	Whitstable Medical Practice	6.5	2.7	3.1	3.9	4.1	1.8	6.6	0.9	15.7	2.1	0.7	1.1	0.8	7.5	0.2
G82082	Sturry Surgery	4.5	1.3	1.9	1.9	3.2	1.0	3.8	0.3	8.1	1.5	1.1	0.5	0.7	4.5	0.4
G82090	St Annes Group Practice	7.0	2.6	3.3	4.8	6.5	2.0	8.4	0.7	16.6	2.5	0.7	1.3	0.9	6.2	0.4
G82119	The Park Surgery	6.4	2.3	2.7	4.0	6.6	2.4	6.8	0.7	16.6	2.2	1.0	1.5	1.0	11.2	0.4

Denotes value is in the upper quartile for GP practices in Kent   Denotes value is in the lower quartile for GP practices in Kent

Figures for chronic kidney disease (CKD), epilepsy and depression related to patients aged 18+, figures for diabetes to patients aged 17+. Other measures (including learning disability) related to all ages

Data Sources

1-6 Age-standardised mortality rates, 2006-2014. Source: PCMD. **2** ICD10: I00-I99. **3** ICD10: J00-J99. **4** ICD10: C00-C97. **5** ICD10: U00-Y99. **6** ICD10: F10, G31.2, G62.1, I42.6, K29.2, K70, K73, K74, K86.0, X45, X65, Y15.

7 Emergency admissions, 2012/13-2013/14. Source: SUS.

8 % self-reporting day-to-day activities 'limited a lot', 2011. Source: Census .

9 Modelled based on smoking prevalence data by Mosaic type. Source: Experian (TGI: 'Heavy', 'Medium' & 'Light' smokers combined).

10 Modelled based on % who do not exercise by Mosaic type. Source: Experian (TGI).

11-12 % children measured who were obese, 2013/14. Source: NCMP.

13 Modelled based on % who claim to eat '5-a-day' fruit and vegetables by Mosaic type. Source: Experian (TGI).

14 Modelled mental health prevalence based on GP practice-level data, 2014/15. Source: QOF.

15-16 Modelled wellbeing based on ONS Annual Population Survey (APS) data by Acorn type, 2011/12. Source: DCLG. **15** % scoring 0-6 for 'Overall, how satisfied are you with your life nowadays?' **16** % scoring 0-6 for 'Overall, to what extent do you feel the things you do in your life are worthwhile?'

17 Modelled based on median household income data by Mosaic type. Source: Experian (ConsumerView).

18 % claiming out of work benefits (defined as all those aged 16-64 who are jobseekers, claiming ESA & incapacity benefits, lone parents claiming Income Support and others on income related benefits), February 2015. Source: DWP (from Nomis).

19 % Year R pupils not achieving a good level of development, 2015. Source: KCC, MIU.

20 % pupils not achieving 5+ A*-C GCSEs (including English & Maths) at the end of Key Stage 4, 2015. Source: KCC, MIU.

21 % with no qualifications (based on persons aged 16+), 2011. Source: Census.

22 Education, Training & Skills IMD domain (average score), 2015. Source: DCLG.

23 % of households with no car or van, 2011. Source: Census.

24 % of households living in social rented accommodation, 2011. Source: Census.

25 % of households living in private rented accommodation, 2011. Source: Census.

26 % of households with an occupancy rating of -2 (i.e. with 2 too few rooms), 2011. Source: Census.

27 % of households with accommodation type 'shared dwellings', 2011. Source: Census.

28 % of households not living at the same address a year ago, 2011. Source: Census. Please note that OAs E00124937 & E00166800 have been removed from this analysis due to the undue influence of Eastchurch prison on levels of transience.

29 % of households with no adults or one adult and one or more children, 2011. Source: Census.

30-32 Distance to nearest GP/pharmacy/A&E or Urgent Care centre (in miles, as the crow flies from population weighted centroid of LSOA), 2015. Source: KCC Business Intelligence.

33 Crime rate (recorded crime per 1,000 population), Oct 2013 - Sept 2015. Source: data.police.uk.

34 Living Environment IMD domain (average score), 2015. Source: DCLG.

35 Index of Multiple Deprivation (IMD) (average score), 2015. Source: DCLG.