

Demographic Overview of Children & Young People in the NHS Dartford, Gravesham & Swanley Clinical Commissioning Group

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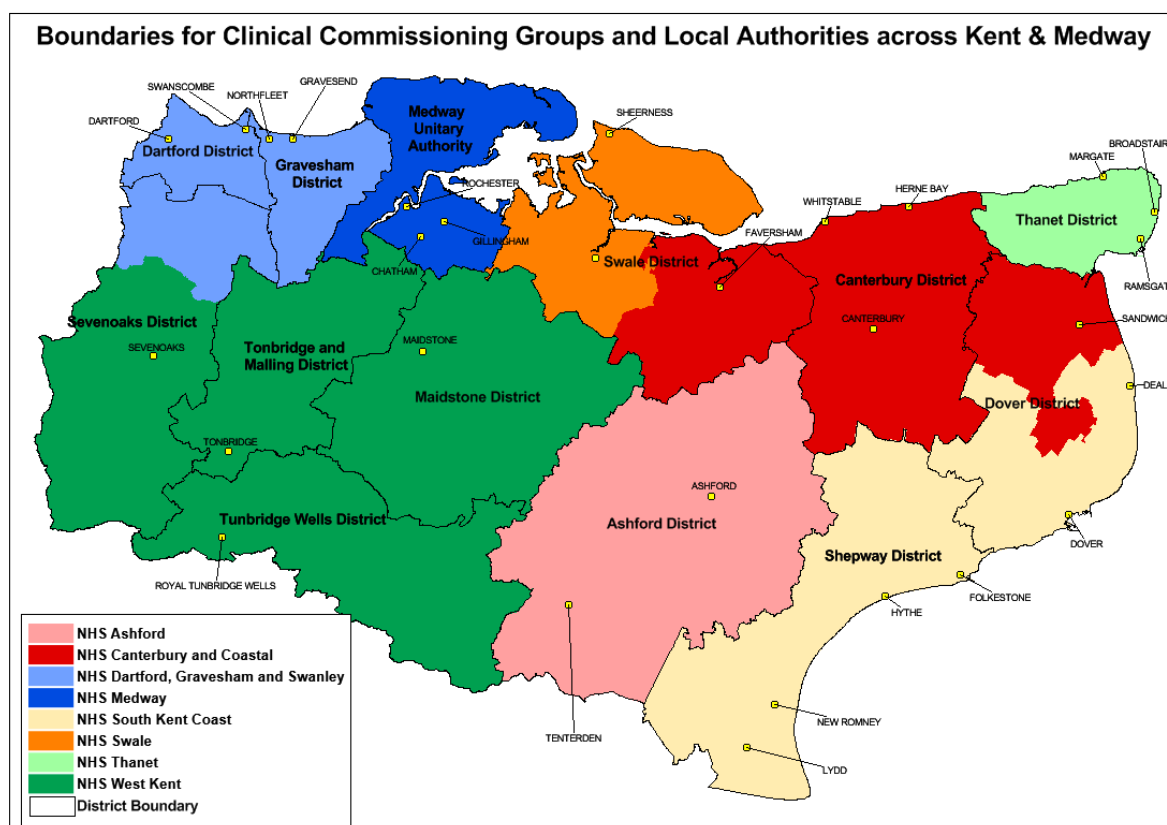
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1 Demographics

1.1 NHS Dartford, Gravesham & Swanley CCG Area

Dartford, Gravesham & Swanley Clinical Commissioning Group area covers Dartford & Gravesham Districts plus the northern part of Sevenoaks District, known as Swanley (Fig 1), the main towns are Dartford and Gravesend and the area has a total resident population of 255,253 (Office for National Statistics – Mid 2014 estimates) whereas the total registered population is 262,407 (Primary Care Information System – June 2016).

Figure 1

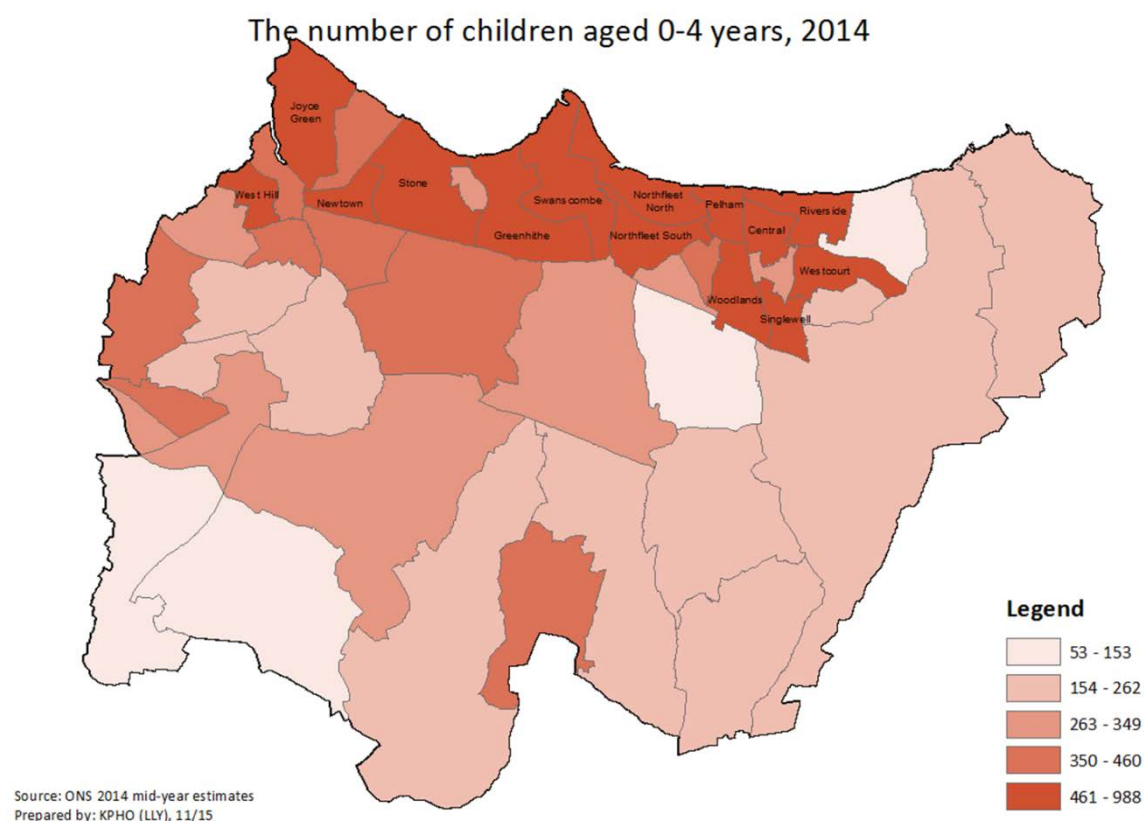


1.2 Overview of Dartford, Gravesham & Swanley CCG children aged 0-4

There were 17,271 children aged 0-4 years old who were registered with an Dartford, Gravesham & Swanley CCG GP practice as of June 2016. This represents 6.6% of the total population and compares to a 5.7% 0-4 yrs population percentage across the rest of Kent.

Figure 2 (below) details the placement of the 2014 resident 0-4yrs population around the district by electoral ward. The most populous electoral wards in Dartford & Gravesham CCG are found along the northern boundary where there are in excess of 461 children in each electoral ward. Lower number of children aged 0-4yrs are found in the more rural electoral wards.

Figure 2



1.3 Overview of Children aged 5-17

There were 31,672 children aged 5-17 years old who were registered with an Dartford, Gravesham & Swanley CCG GP practice as of June 2016. This represents 16.3% of the total population and compares to a 15.5% 5-17 yrs population percentage across the rest of Kent.

Figure 3 (below) details the placement of the 2014 resident 5-17yrs population around the district by electoral ward. The most populous electoral wards in Dartford, Gravesham & Swanley CCG are Joydens Wood, West Hill, Prices, Swanscombe, Northfleet North and South, Woodlands, Singlewell, Riverside and Westcourt where there are in excess of 1,124 children each. Lower numbers of children aged 5-17yrs are found in the more rural electoral wards.

Figure 3

The number of children and young people aged 5-17 years, 2014

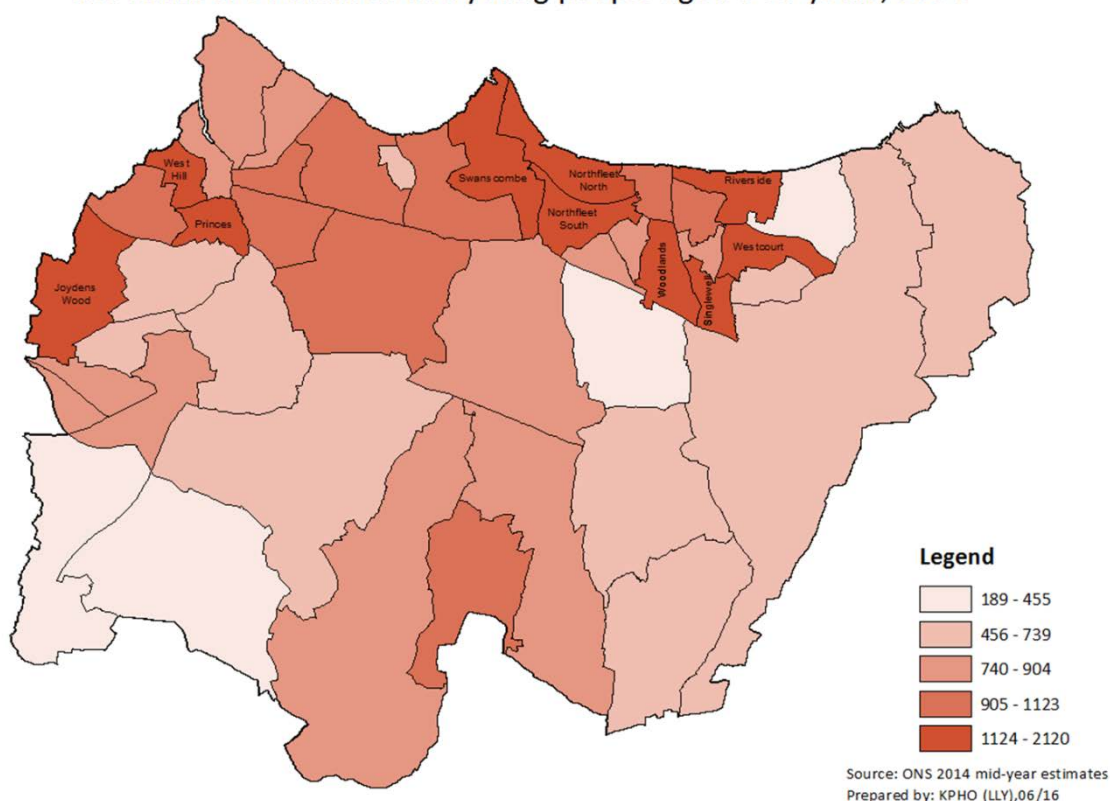


Table 1

0-17yrs registered* population of Kent Clinical Commissioning Groups

| CCGs | Number of Registered Children by Age | | | | |
|---------------------------------------|--------------------------------------|---------------|---------------|---------------|----------------|
| | 0-4 | 5-9 | 10-14 | 15-17 | 0-17 |
| NHS Ashford CCG | 7,791 | 8,417 | 7,923 | 4,872 | 29,003 |
| NHS Canterbury & Coastal CCG | 9,852 | 11,035 | 11,160 | 9,477 | 41,524 |
| NHS Dartford, Gravesham & Swanley CCG | 17,271 | 17,426 | 15,432 | 8,967 | 59,096 |
| NHS South Kent Coast CCG | 10,802 | 11,630 | 10,846 | 6,978 | 40,256 |
| NHS Swale CCG | 7,176 | 7,293 | 6,567 | 3,950 | 24,986 |
| NHS Thanet CCG | 8,279 | 8,679 | 8,069 | 5,012 | 30,039 |
| NHS West Kent CCG | 28,282 | 31,067 | 29,142 | 16,985 | 105,476 |
| All Kent CCGs | 89,453 | 95,547 | 89,139 | 56,240 | 330,379 |

*June 2016 - Primary Care Information System

Table 1 details the number of children registered in each Kent CCG up to the age of 17 years. There are a total of 330,379 under 18 year olds registered to Kent GPs as of June 2016, 59,096 registered to Dartford, Gravesham & Swanley CCG practices.

Figure 4

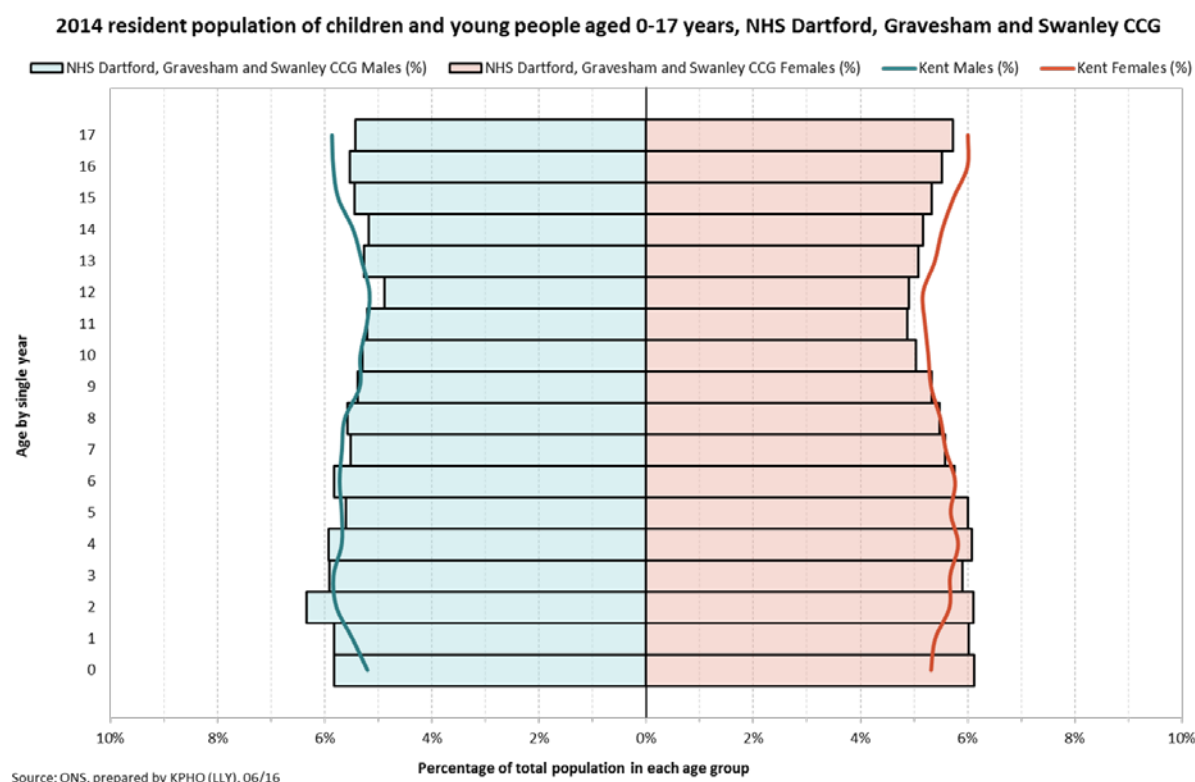


Figure 4 shows a 0-17yrs single year population pyramid for Dartford, Gravesham & Swanley CCG registered patients and compares the relative ratios to those of Kent for the same ages. Dartford, Gravesham & Swanley CCG is comparable with the rest of Kent, although with a far greater ratio of babies and young children and smaller ratio of teenagers.

1.4 Population projections

Population projections are calculated by Office for National Statistics and are based on births, deaths and migration patterns.

The ONS based projected change in the 0-19yrs population over the next 5 years is shown in figure 5. This shows that there is an expected percentage rise of 5.2% from a 2015 baseline, the largest percentage rise in Kent. This equates to approximately 3,876 extra 0-19yr olds.

Kent County Council also calculate population projections by taking the base ONS projection and then factoring in housing plans that are known to the council. Figure 6 shows these Kent County Council calculated projections by local authority districts in west Kent. The housing led forecasts reflect the proposed new builds around Dartford and Maidstone, with the Dartford 0-19yr population set to grow by nearly 20% over the next 5 years. This equates to an extra 5,250 0-19yr olds based on housing plans.

Figure 5

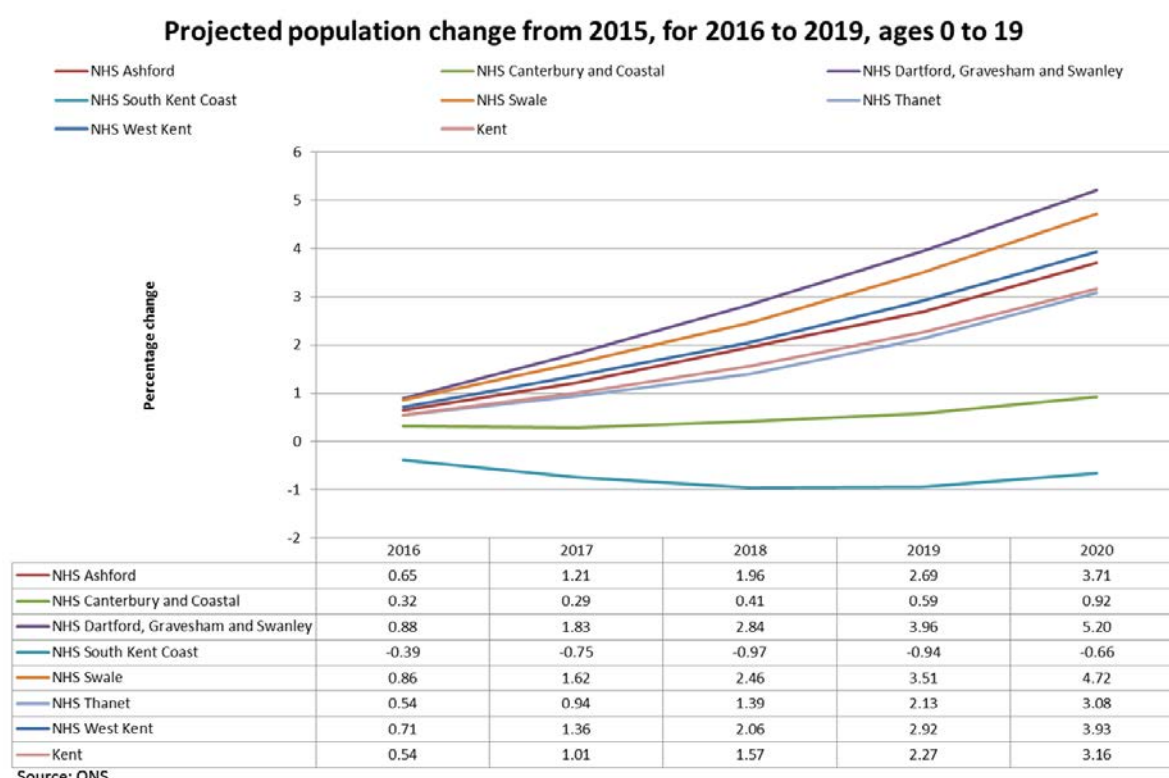


Figure 6

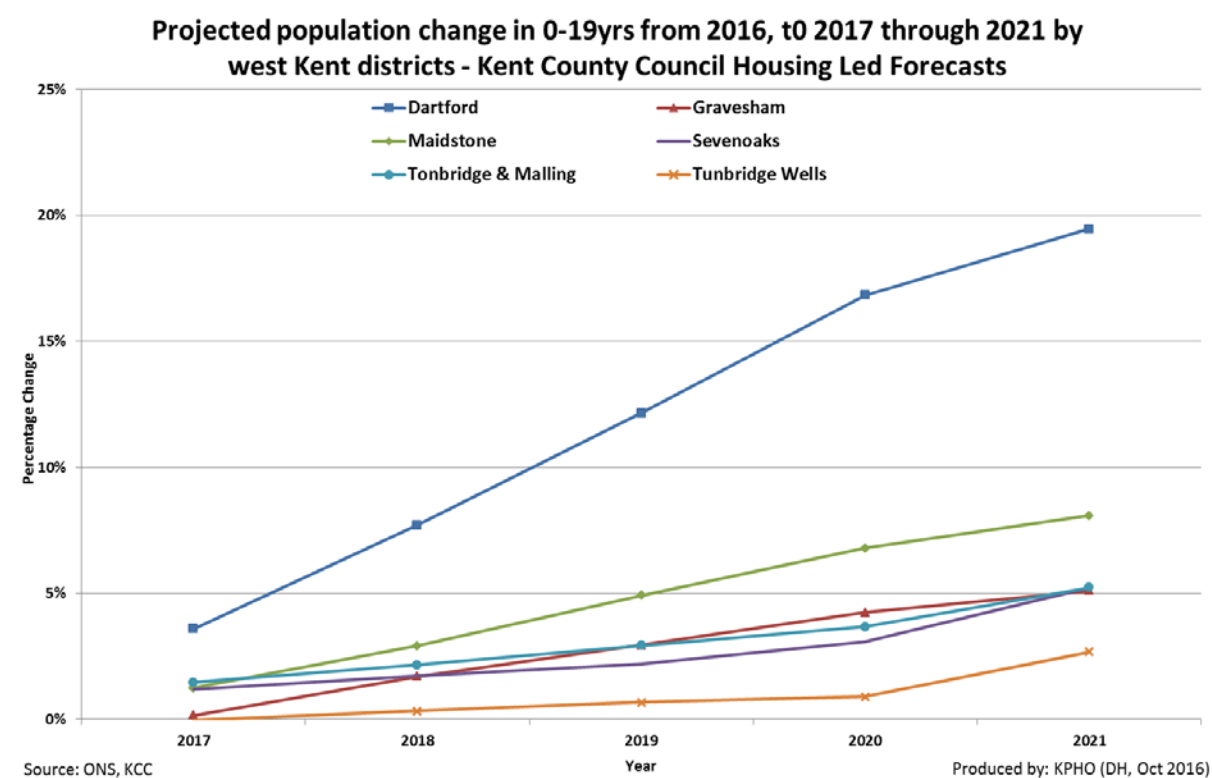
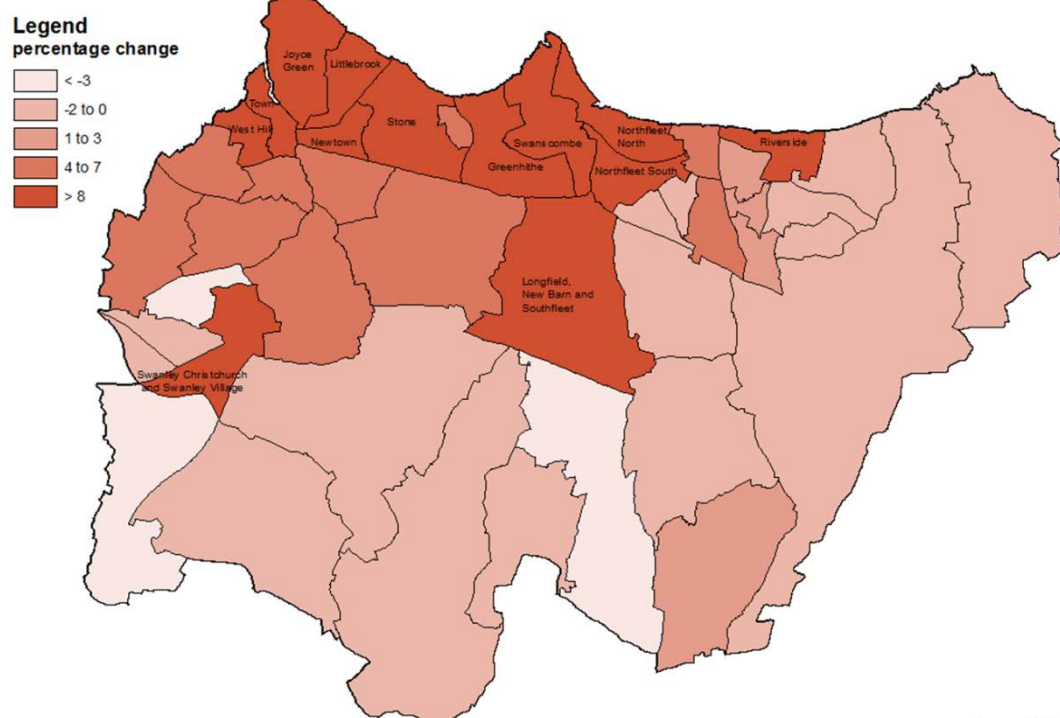


Figure 7 shows the areas of Dartford, Gravesham & Swanley that have seen the greatest rise in under 18 populations at a ward level. The electoral wards along the north east boundary have all seen rises in the 0-17 population in excess of 8%.

Figure 7

The percentage of population change from 2013 to 2020 for under 18 years of age



Source: KCC
Produced by: KPHO, 08/15

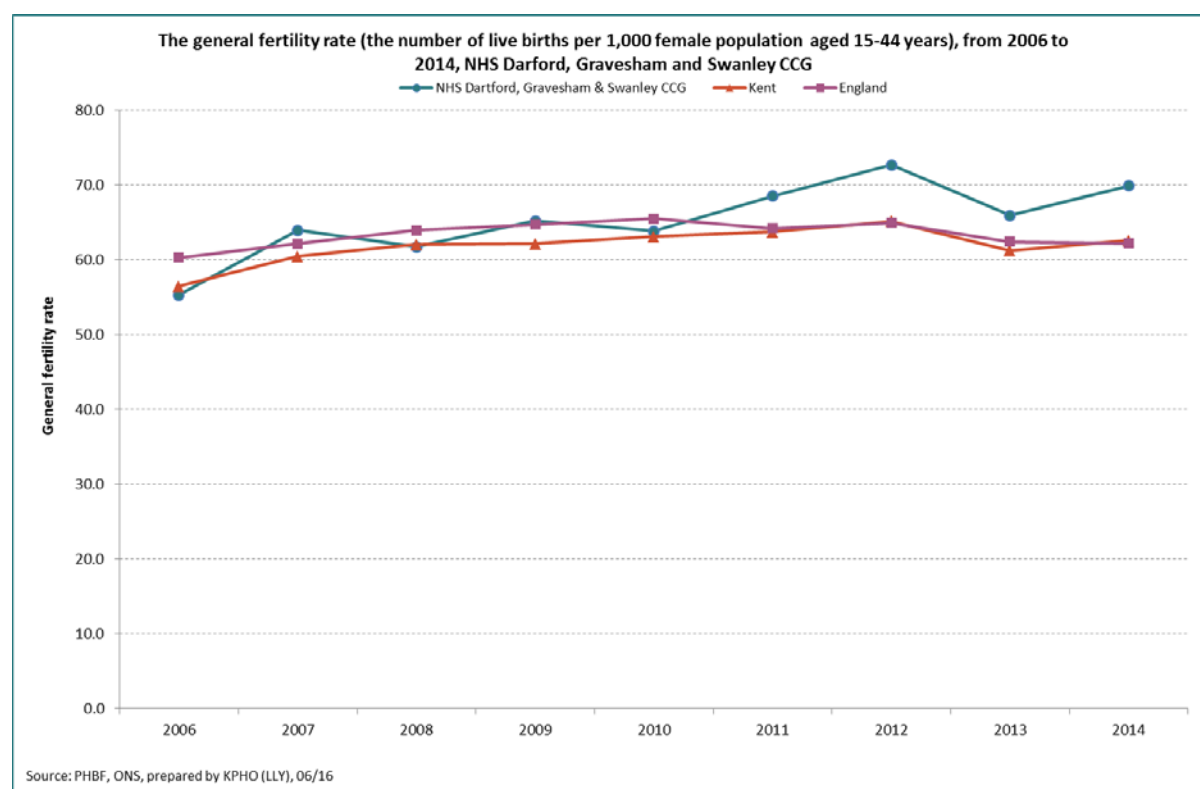
1.5 General Fertility Rate and Births

The general fertility rate (GFR) is the total number of live births per 1,000 women of [reproductive age](#) (ages 15 to 49 years) in a population per year. This is a more refined way to measure fertility in a population than crude birth rate because the GFR accounts for the female population ages 15 to 49 years in the denominator, rather than the whole population. It is also a good indicator of possible changes in the 0-5 population over time.

Figure 8 shows the recent trend in fertility rates for Dartford, Gravesham & Swanley CCG, Kent and England. There has been a steady increase in the GFR for Dartford, Gravesham & Swanley CCG, rising from 55.3 in 2006 to 69.9 in 2014. This rising trend has taken the area from one of the lowest GFRs in Kent to one of the highest. Dartford, Gravesham & Swanley CCG currently has the second highest GFR of all 7 Kent CCGs.

The total number of births in Dartford, Gravesham & Swanley CCG area in 2014 was 3,494.

Figure 8



1.6 Socio-Economic Status

Growing up in poverty affects children's development from birth and has lasting impacts throughout the life course. Most studies examining children's well-being account for their economic backgrounds. Childhood poverty can be measured using the Index Deprivation Affecting Children Index (a sub domain of the Indices of Multiple Deprivation 2015). The map (figure 9) shows levels of childhood poverty for the CCG area.

The areas with the highest percentage of children living in income deprived families are predominantly found in Joyce Green (35.7%), Northfleet North (33.2%), Swanley St Marys (31.2%), Riverside (29.4%) and Swanley White Oak (29.0%) (table 2).

Figure 9

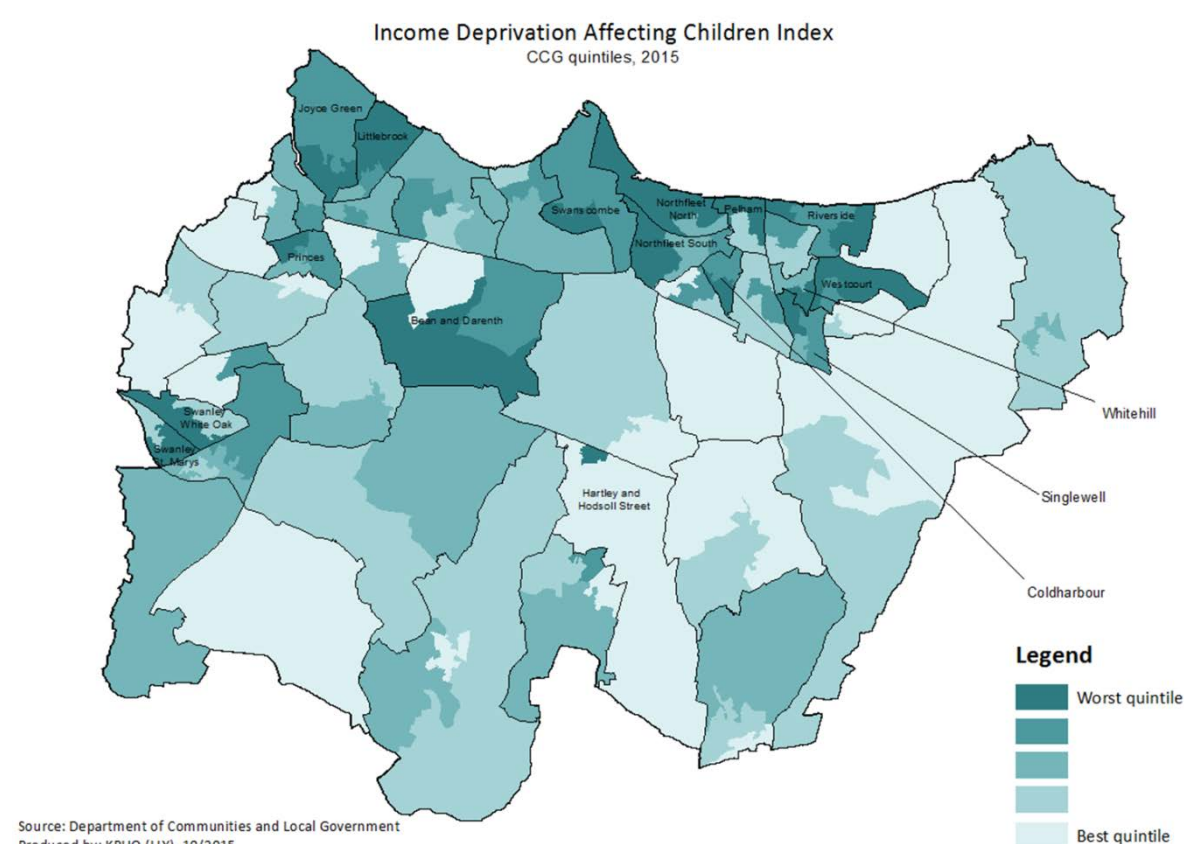


Table 2

Income Deprivation Affecting Children Index* - 2015

| Electoral Ward | Ward IDACI |
|--|-------------------|
| Joyce Green | 35.7% |
| Northfleet North | 33.2% |
| Swanley St Mary's | 31.2% |
| Riverside | 29.4% |
| Swanley White Oak | 29.0% |
| Swanscombe | 28.5% |
| Westcourt | 28.1% |
| Singlewell | 28.1% |
| Princes | 25.4% |
| Littlebrook | 24.6% |
| Coldharbour | 23.8% |
| Pelham | 20.7% |
| Bean & Darenth | 20.2% |
| Northfleet South | 19.4% |
| Whitehill | 18.9% |
| Crockenhill & Well Hill | 17.6% |
| Stone | 17.5% |
| Central | 17.0% |
| Town | 16.7% |
| Newtown | 15.0% |
| Swanley Christchurch & Swanley Village | 14.8% |
| Greenhithe | 14.6% |
| Castle | 13.9% |
| Woodlands | 13.3% |
| Ash | 13.3% |
| Farningham, Horton Kirby & South Darenth | 13.2% |
| Painters Ash | 12.3% |
| Sutton-at-Hone & Hawley | 11.1% |
| Higham | 11.0% |
| Hextable | 10.7% |
| Hartley & Hodsoll Street | 10.2% |
| Fawkham & West Kingsdown | 9.8% |
| West Hill | 9.7% |
| Meopham South & Vigo | 9.6% |
| Brent | 9.5% |
| Wilmington | 8.3% |
| Longfield, New Barn & Southfleet | 8.1% |
| Eynsford | 7.9% |
| Joydens Wood | 7.9% |
| Shorne, Cobham & Luddesdown | 7.2% |
| Meopham North | 7.0% |
| Riverview | 6.3% |
| Istead Rise | 6.1% |
| Chalk | 5.3% |
| Heath | 4.6% |
| NHS Dartford, Gravesham & Swanley | 16.8% |

* recalculated from LSOA score and population

1.7 Ethnicity

Table 3

Ethnic breakdown of the 0-18yrs population

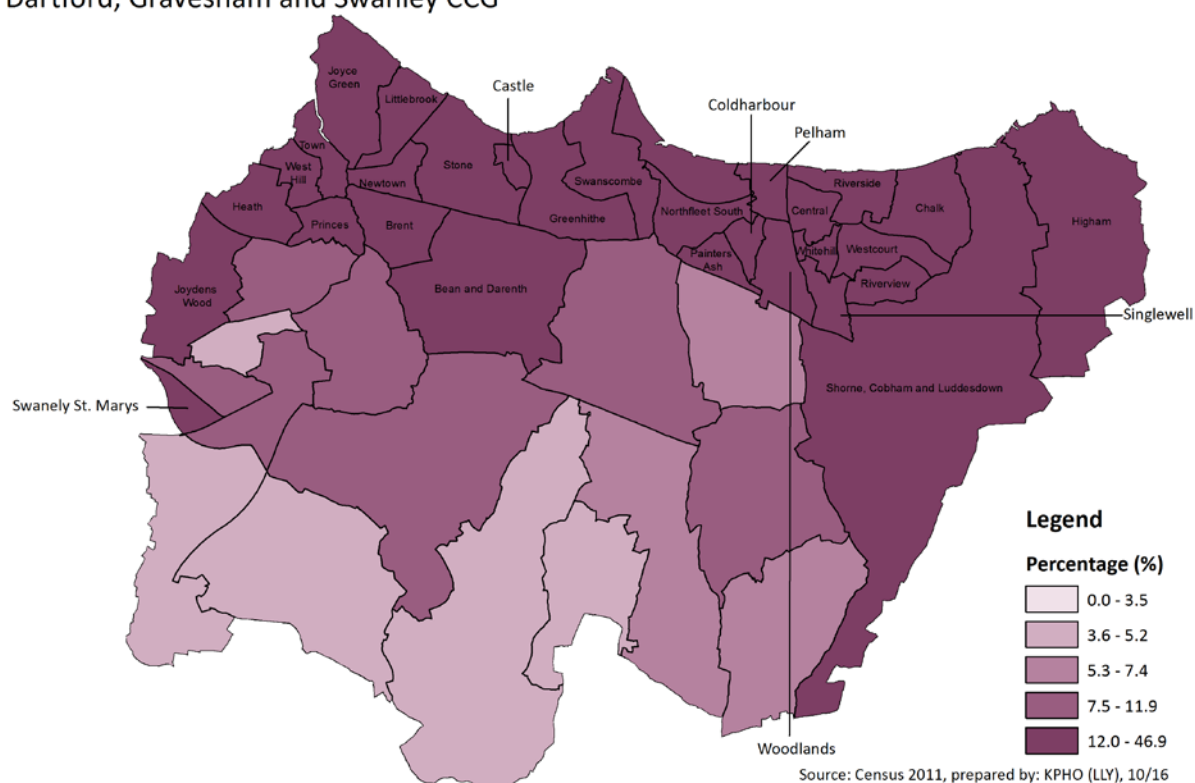
| Electoral Ward | % of White | % of Mixed | % of Asian | % of Black | % of Other |
|--|--------------|-------------|-------------|-------------|-------------|
| Bean and Darent | 87.2% | 3.8% | 5.4% | 3.0% | 0.6% |
| Brent | 80.4% | 3.1% | 10.6% | 5.0% | 0.8% |
| Castle | 76.9% | 6.9% | 8.2% | 6.9% | 1.0% |
| Greenhithe | 82.0% | 6.6% | 5.2% | 5.3% | 0.9% |
| Heath | 80.5% | 3.8% | 10.1% | 4.8% | 0.8% |
| Joyce Green | 76.4% | 7.2% | 5.1% | 10.7% | 0.6% |
| Joydens Wood | 83.6% | 4.7% | 5.8% | 4.8% | 1.2% |
| Littlebrook | 76.2% | 6.8% | 6.6% | 9.8% | 0.6% |
| Longfield, New Barn and Southfleet | 92.2% | 2.2% | 4.8% | 0.8% | 0.0% |
| Newtown | 77.4% | 5.4% | 9.5% | 6.0% | 1.7% |
| Princes | 81.2% | 4.9% | 7.4% | 5.4% | 1.1% |
| Stone | 82.9% | 4.5% | 5.7% | 6.1% | 0.7% |
| Sutton-at-Hone and Hawley | 92.0% | 3.7% | 2.7% | 1.3% | 0.4% |
| Swanscombe | 85.5% | 4.9% | 3.0% | 5.9% | 0.8% |
| Town | 64.9% | 6.8% | 16.9% | 9.7% | 1.7% |
| West Hill | 74.8% | 6.6% | 12.5% | 5.0% | 1.1% |
| Wilmington | 89.9% | 4.3% | 3.4% | 1.6% | 0.8% |
| Central | 66.1% | 5.3% | 17.4% | 4.6% | 6.6% |
| Chalk | 87.0% | 3.4% | 6.6% | 2.7% | 0.2% |
| Coldharbour | 80.0% | 4.1% | 11.4% | 3.1% | 1.4% |
| Higham | 87.4% | 4.2% | 5.4% | 0.7% | 2.4% |
| Istead Rise | 93.4% | 3.3% | 2.6% | 0.3% | 0.4% |
| Meopham North | 92.4% | 2.9% | 3.8% | 0.3% | 0.6% |
| Meopham South and Vigo | 93.6% | 3.0% | 1.4% | 0.4% | 1.7% |
| Northfleet North | 68.1% | 5.6% | 15.4% | 7.1% | 3.8% |
| Northfleet South | 73.1% | 4.5% | 15.6% | 4.7% | 2.2% |
| Painters Ash | 76.5% | 4.0% | 13.5% | 3.4% | 2.7% |
| Pelham | 53.1% | 6.6% | 27.0% | 3.3% | 10.0% |
| Riverside | 65.3% | 5.0% | 16.0% | 8.2% | 5.4% |
| Riverview | 84.8% | 3.6% | 7.9% | 2.8% | 0.9% |
| Shorne, Cobham and Luddesdown | 86.1% | 2.2% | 9.0% | 1.4% | 1.3% |
| Singlewell | 85.2% | 6.4% | 3.3% | 4.5% | 0.7% |
| Westcourt | 81.8% | 4.5% | 5.7% | 7.0% | 1.0% |
| Whitehill | 77.7% | 5.6% | 8.0% | 7.2% | 1.5% |
| Woodlands | 75.8% | 5.0% | 14.1% | 3.2% | 1.9% |
| Ash and New Ash Green | 95.3% | 2.9% | 1.2% | 0.5% | 0.2% |
| Crockenhill and Well Hill | 95.1% | 4.2% | 0.0% | 0.7% | 0.0% |
| Eynsford | 95.0% | 2.6% | 1.6% | 0.8% | 0.0% |
| Farningham, Horton Kirby and South Darent | 92.0% | 5.7% | 0.6% | 1.5% | 0.2% |
| Fawkham and West Kingsdown | 95.5% | 1.9% | 2.1% | 0.6% | 0.0% |
| Hartley and Hodsoll Street | 94.1% | 1.9% | 3.7% | 0.0% | 0.3% |
| Hextable | 95.1% | 2.5% | 1.2% | 1.2% | 0.0% |
| Swanley Christchurch and Swanley Village | 88.6% | 3.1% | 1.9% | 5.8% | 0.6% |
| Swanley St Mary's | 85.1% | 5.8% | 2.4% | 6.6% | 0.1% |
| Swanley White Oak | 90.4% | 4.3% | 1.6% | 2.9% | 0.8% |
| NHS Dartford, Gravesham & Swanley CCG | 81.1% | 4.6% | 8.1% | 4.4% | 1.6% |

Source: 2011 Census

The overall ethnic breakdown of children and young people in the Dartford, Gravesham & Swanley CCG area is given in Table 3. At an electoral ward level there is some variation in the level of minority ethnicity. Electoral wards with the highest percentage of minority ethnicity are Pelham (46.9%), Town (35.1%), Riverside (34.7%) and Central (33.9%).

Figure 10

The percentage of ethnic minority groups aged 0-18 years, by electoral ward, for NHS Dartford, Gravesham and Swanley CCG



1.8 Household Composition

Table 4 (below) list the household composition of all households in the Dartford, Gravesham & Swanley area, 42.6% of all households have at least one child living in them. 13.8% with a single child and 42.6% with more than one child. There are 10.9% lone parent households

Table 4

Household Composition

| | Number of Households | Percentage of Households |
|---|----------------------|--------------------------|
| Sum of All Households | 100039 | |
| Sum of One Person Household; Total | 28200 | 28.2% |
| Sum of One Person Household; Aged 65 and Over | 11756 | 11.8% |
| Sum of One Person Household; Other | 16444 | 16.4% |
| Sum of One Family Only; Total | 65104 | 65.1% |
| Sum of One Family Only; All Aged 65 and Over | 8411 | 8.4% |
| Sum of One Family Only; Married Couple; Total | 35146 | 35.1% |
| Sum of One Family Only; Married Couple; No Children | 11698 | 11.7% |
| Sum of One Family Only; Married Couple; One Dependent Child | 6212 | 6.2% |
| Sum of One Family Only; Married Couple; Two or More Dependent Children | 10529 | 10.5% |
| Sum of One Family Only; Married Couple; All Children Non-Dependent | 6707 | 6.7% |
| Sum of One Family Only; Same-Sex Civil Partnership Couple; Total | 99 | 0.1% |
| Sum of One Family Only; Same-Sex Civil Partnership Couple; No Children | 86 | 0.1% |
| Sum of One Family Only; Same-Sex Civil Partnership Couple; One Dependent Child | 7 | 0.0% |
| Sum of One Family Only; Same-Sex Civil Partnership Couple; Two or More Dependent Children | 5 | 0.0% |
| Sum of One Family Only; Same-Sex Civil Partnership Couple; All Children Non-Dependent | 1 | 0.0% |
| Sum of One Family Only; Cohabiting Couple; Total | 10569 | 10.6% |
| Sum of One Family Only; Cohabiting Couple; No Children | 5186 | 5.2% |
| Sum of One Family Only; Cohabiting Couple; One Dependent Child | 2319 | 2.3% |
| Sum of One Family Only; Cohabiting Couple; Two or More Dependent Children | 2459 | 2.5% |
| Sum of One Family Only; Cohabiting Couple; All Children Non-Dependent | 605 | 0.6% |
| Sum of One Family Only; Lone Parent; Total | 10879 | 10.9% |
| Sum of One Family Only; Lone Parent; One Dependent Child | 3838 | 3.8% |
| Sum of One Family Only; Lone Parent; Two or More Dependent Children | 3349 | 3.3% |
| Sum of One Family Only; Lone Parent; All Children Non-Dependent | 3692 | 3.7% |
| Sum of Other Household Types; Total | 6735 | 6.7% |
| Sum of Other Household Types; With One Dependent Child | 1396 | 1.4% |
| Sum of Other Household Types; With Two or More Dependent Children | 1506 | 1.5% |
| Sum of Other Household Types; All Full-Time Students | 35 | 0.0% |
| Sum of Other Household Types; All Aged 65 and Over | 280 | 0.3% |
| Sum of Other Household Types; Other | 3518 | 3.5% |

Household Composition - Households, 2011 (QS113EW), March 11

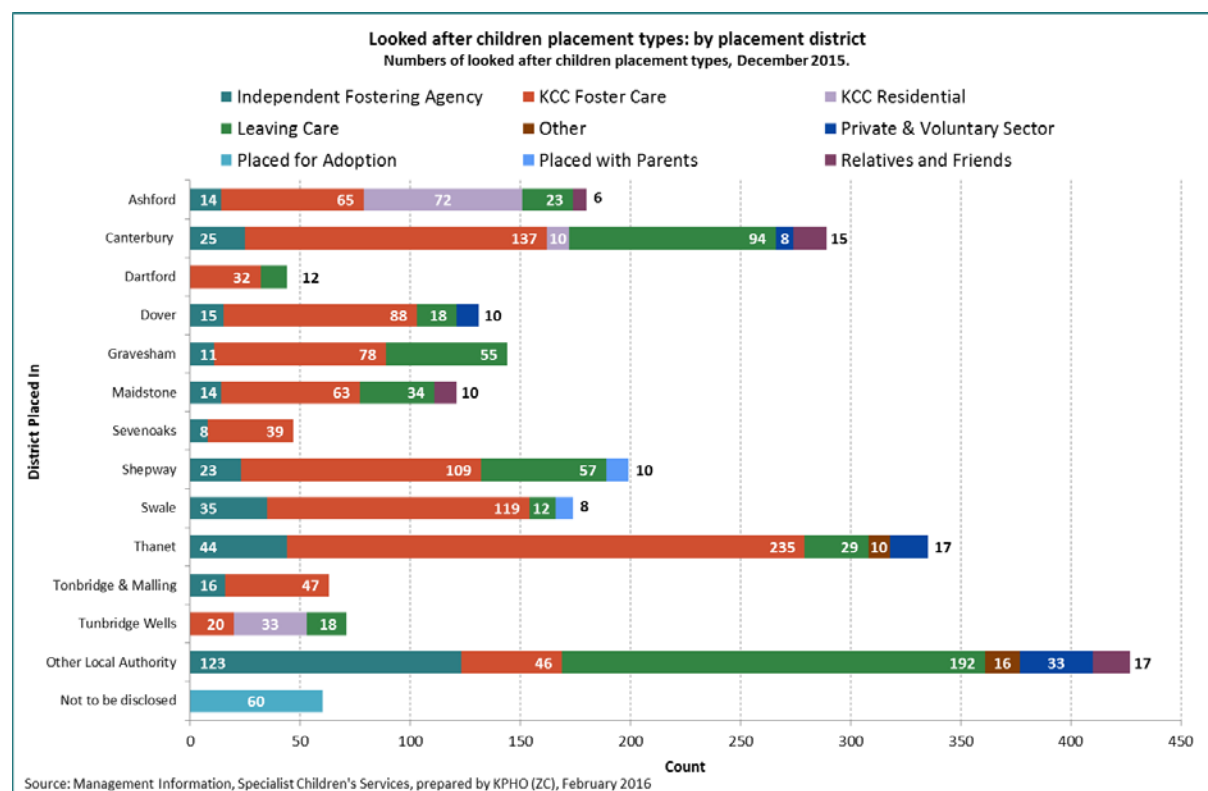
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2 Vulnerable Children

2.1 Looked after children/Children in care

Figure 11 breaks down the number of looked after children by district and type of placement. Thanet has the greatest number of placements with 335. In the Dartford, Gravesham & Swanley CCG area Dartford has 44, Gravesham 144 and Sevenoaks 47. More than half (63%) of those children are in KCC foster care

Figure 11



2.2 Child Protection

There are 165 children on the child protection register across the three local authorities that comprise west Kent CCG area (table 5). Gravesham has the highest rate of children on the register with 35 per 10,000 under 18s.

Table 5

Children aged 0-17 (inclusive) subject to Kent Child Protection Plan, relative to resident child population (2014), snapshot as at 31/12/2015.

| District | Number of Children Subject to Kent Child Protection Plan as at December, 2015 | Resident population, ages 0-17, 2014 | Rate per 10,000 resident population |
|-----------------------|---|--------------------------------------|-------------------------------------|
| Ashford | 98 | 28,647 | 34.21 |
| Canterbury | 97 | 29,099 | 33.33 |
| Dartford | 48 | 23,684 | 20.27 |
| Dover | 67 | 22,915 | 29.24 |
| Gravesham | 86 | 24,412 | 35.23 |
| Maidstone | 66 | 35,001 | 18.86 |
| Sevenoaks | 31 | 25,991 | 11.93 |
| Shepway | 117 | 21,441 | 54.57 |
| Swale | 154 | 31,803 | 48.42 |
| Thanet | 133 | 29,744 | 44.71 |
| Tonbridge and Malling | 43 | 28,893 | 14.88 |
| Tunbridge Wells | 25 | 26,620 | 9.39 |
| Kent | 1,013 | 328,250 | 30.86 |

Source: ONS, MIU

2.3 Child Disability

The exact number of disabled children is hard to quantify, with no official register available to record all disabilities. The school census, run annually, allows special educational need (SEN) data to be used as a proxy for disability. Figure 12 shows the overall number of children with a special educational need, whilst figure 13 shows the rate of SEN by CCG and a breakdown of the types of special educational needs that children are categorised by.

Figure 12

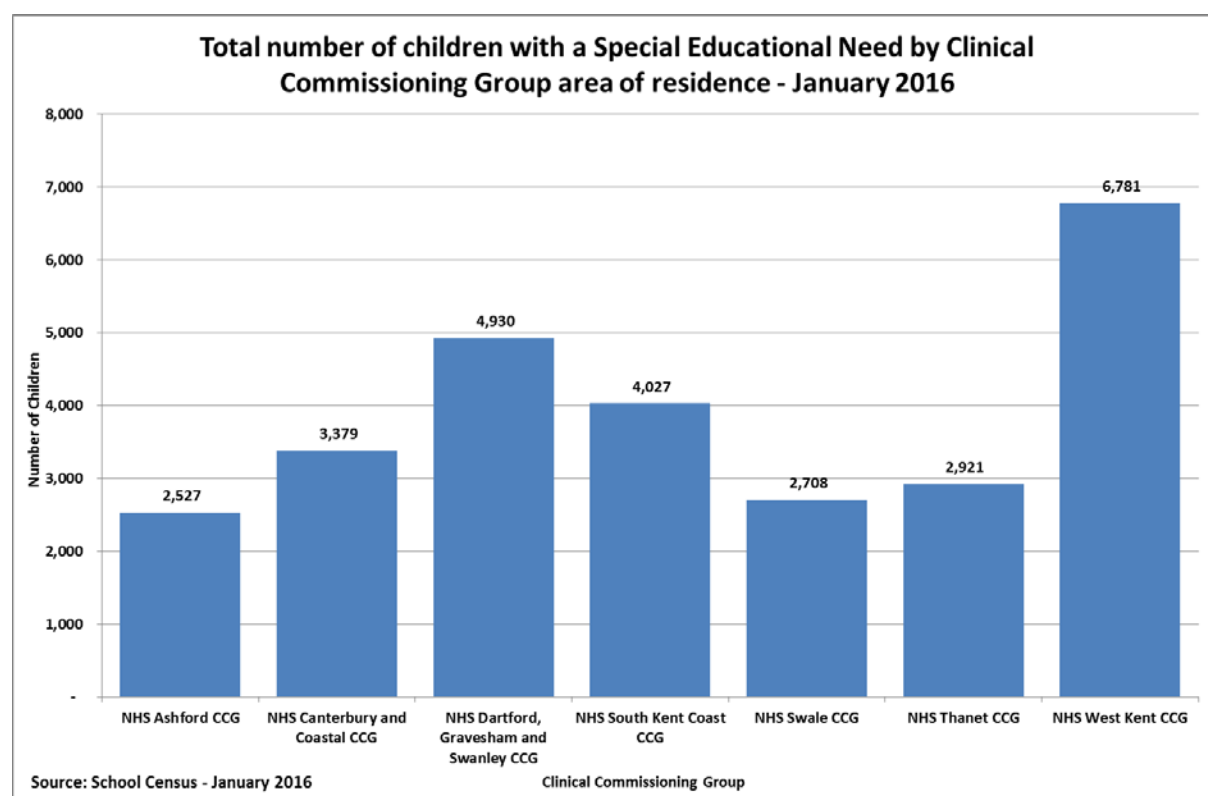
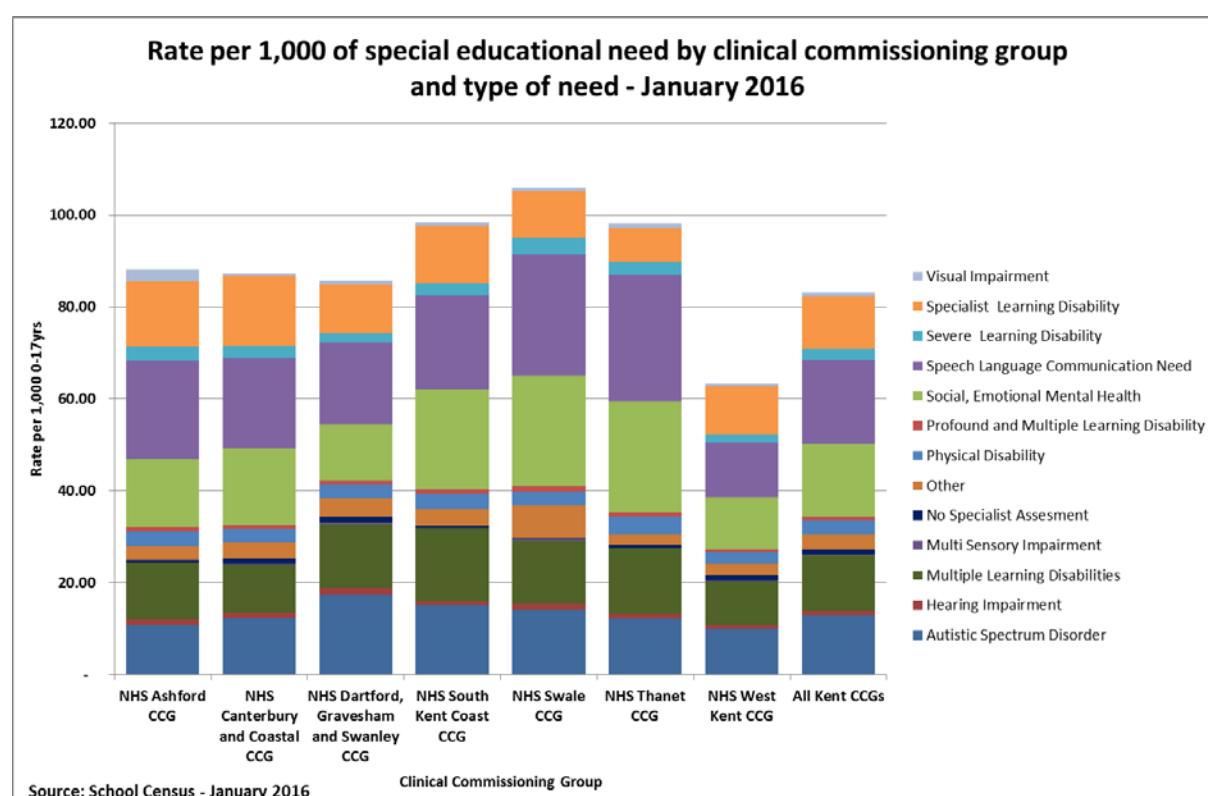


Figure 13



Dartford, Gravesham & Swanley CCG area has the second highest number of SEN children by CCG, although this translates into the second lowest rate across Kent. All CCGs, apart from west Kent, have rates higher than Kent with South Kent Coast, Swale and Thanet having the highest.