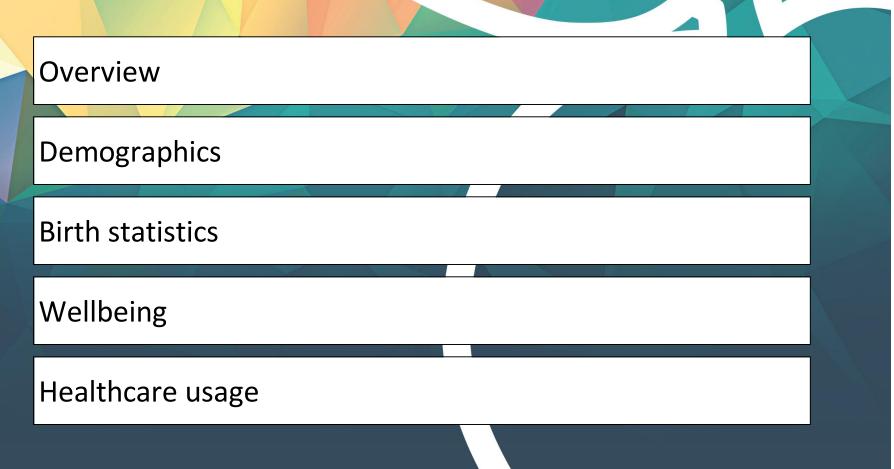
©BSERVATORY

Starting Well: Children in Kent (CCGs)

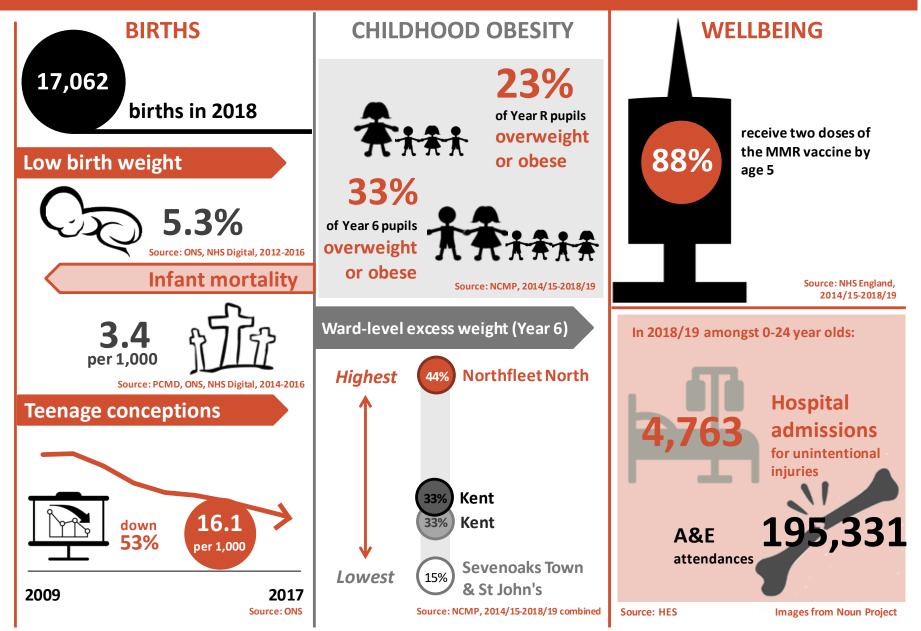
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### Starting Well: Children in Kent

Heath and Social Care Maps

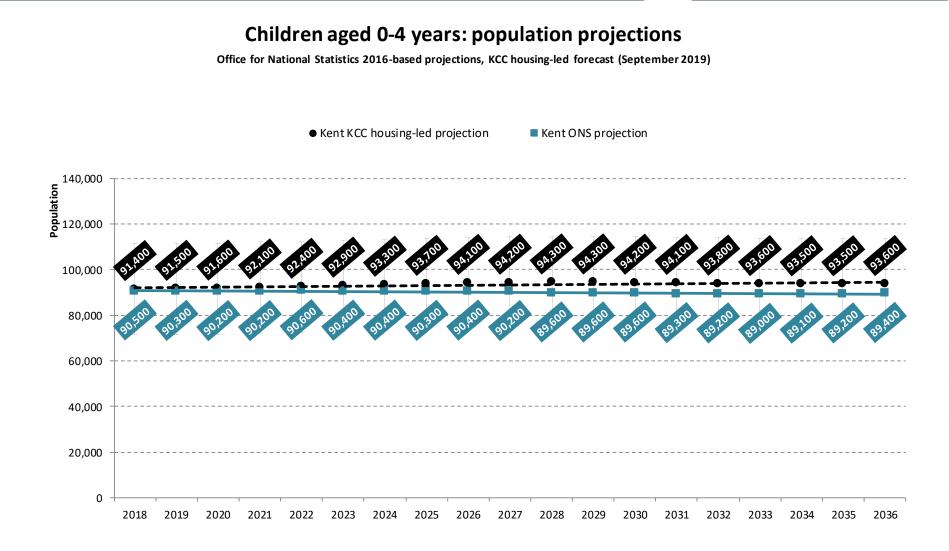


## Demographics

Population projections: Ages 0 to 4

Population projections: Ages 0 to 19



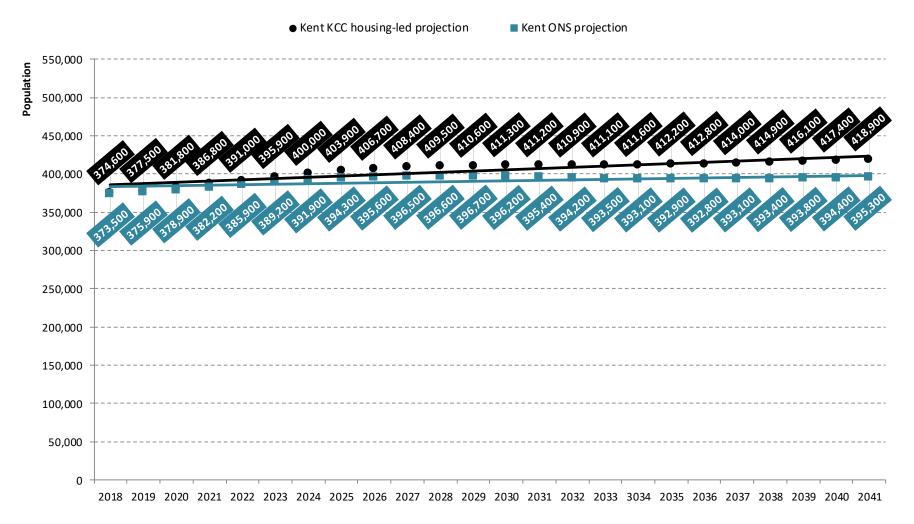


Source: ONS, KCC, prepared by KPHO (LLY), Jan-20



#### Children & young people aged 0-19 years: population projections

Office for National Statistics 2016-based projections, KCC housing-led forecast (October 2018)



Source: ONS, KCC, prepared by KPHO (RK), Nov-18



## **Birth statistics**

General fertility rate

Low birth weight

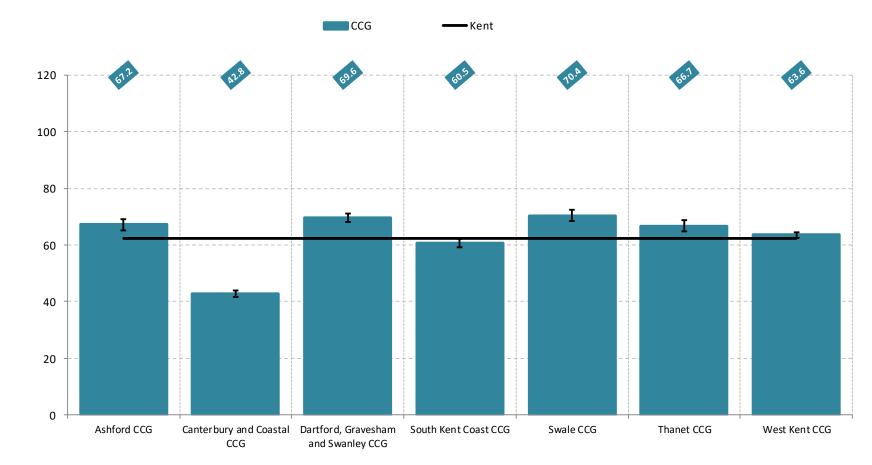
Infant mortality

Teenage conceptions



#### General fertility rate: by CCG

The crude rate of total live births per 1,000 women aged 15 to 44, 2016-2018

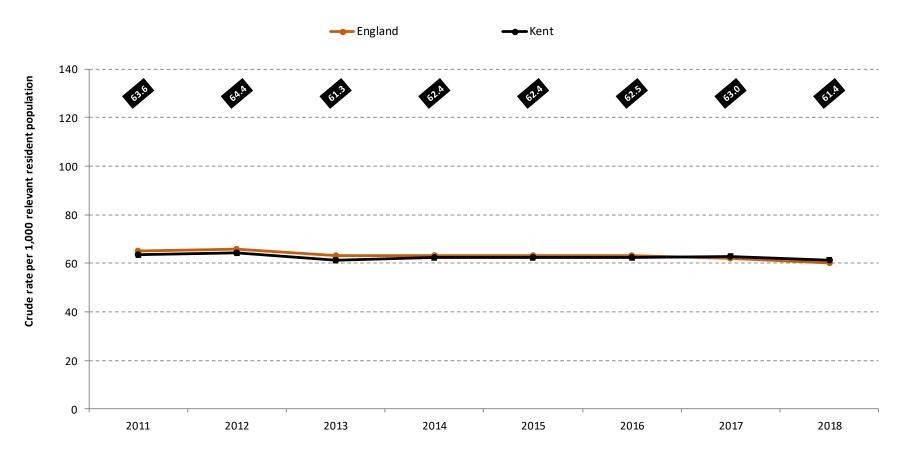


Source: ONS, NHS Digital, NOMIS, prepared by KPHO (LLY), Jan-20



#### **General Fertility Rate: trend**

The crude rate of total live births per 1,000 women aged 15-44 years, 2010/11 to 2018/19

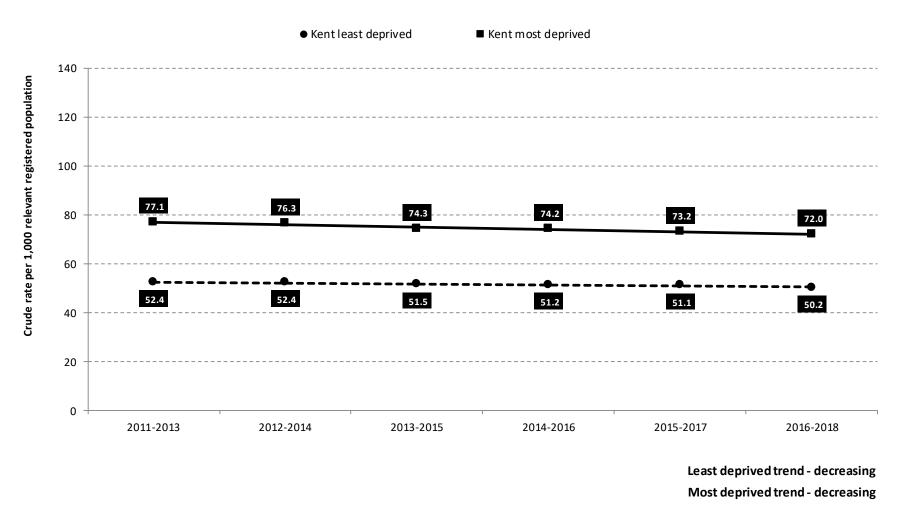


Source : ONS, NHS Digital, NOMIS, prepared by KPHO (LLY), Jan-20

Starting Well: Children in Kent (CCGs)

#### **General Fertility Rate: by deprivation**

The crude rate of total live births per 1,000 women aged 15 - 44 years, 2010-2012 to 2016-2018

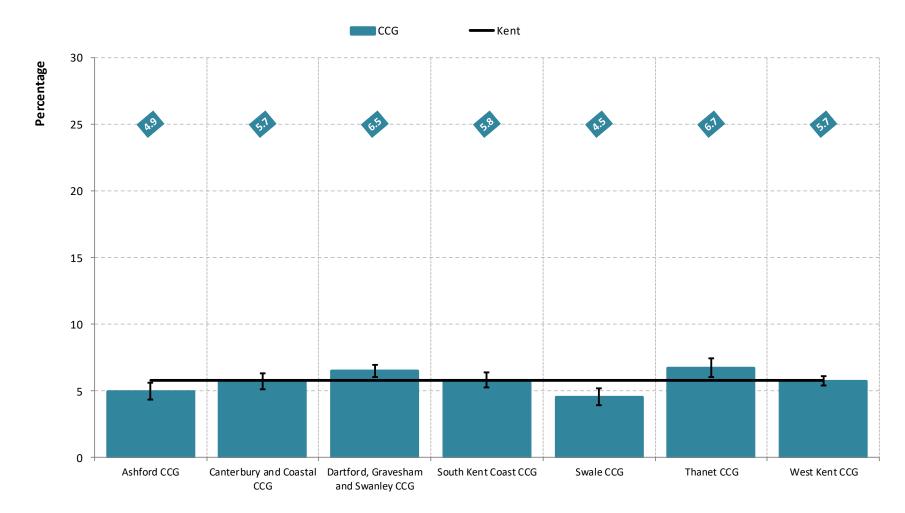


Source: ONS, NHS Digital, NOMIS, prepared by KPHO (LLY), Jan-20



#### Low birth weight: by CCG

The percentage of live births with low birth weight, 2500 grams or less, 2013-2015

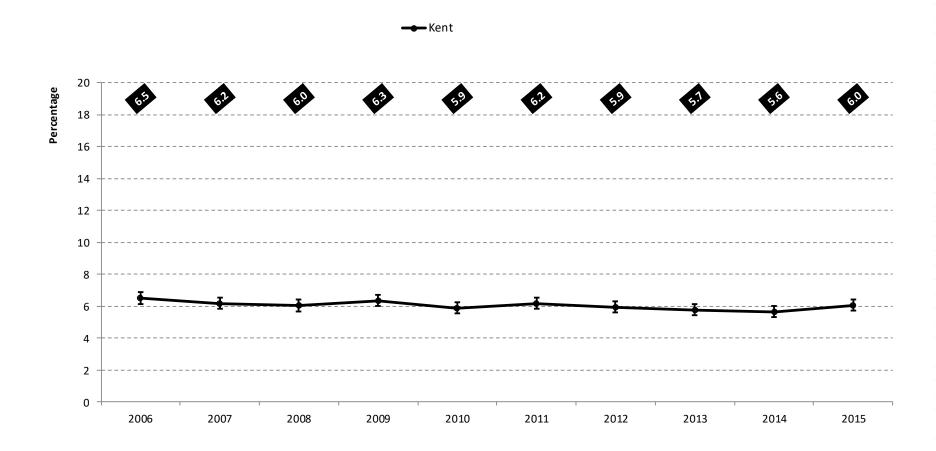


Source: ONS, NHS Digital, prepared by KPHO (RK), Nov-17



#### Low birth weight: trend

The percentage of live births with low birth weight, 2500 grams or less, 2006 to 2015

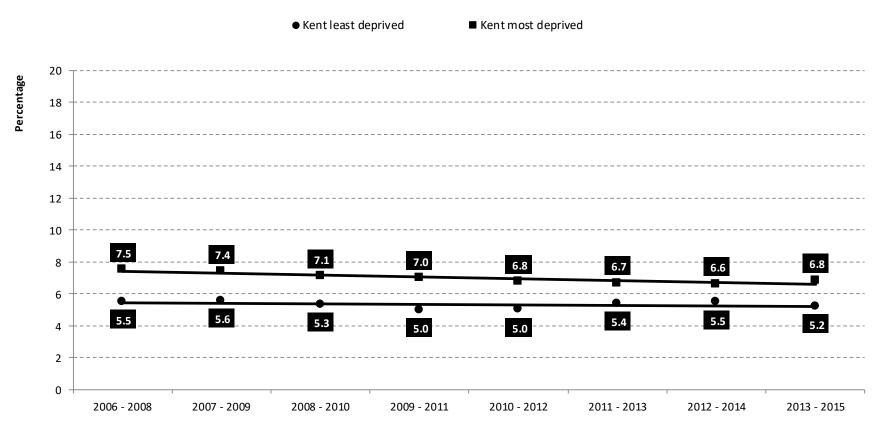


Source : ONS, NHS Digital, prepared by KPHO (RK), Nov-17



#### Low birth weight: by deprivation

The percentage of live births with low birth weight, 2500 grams or less, 2006 - 2008 to 2013 - 2015



Least deprived trend - stable

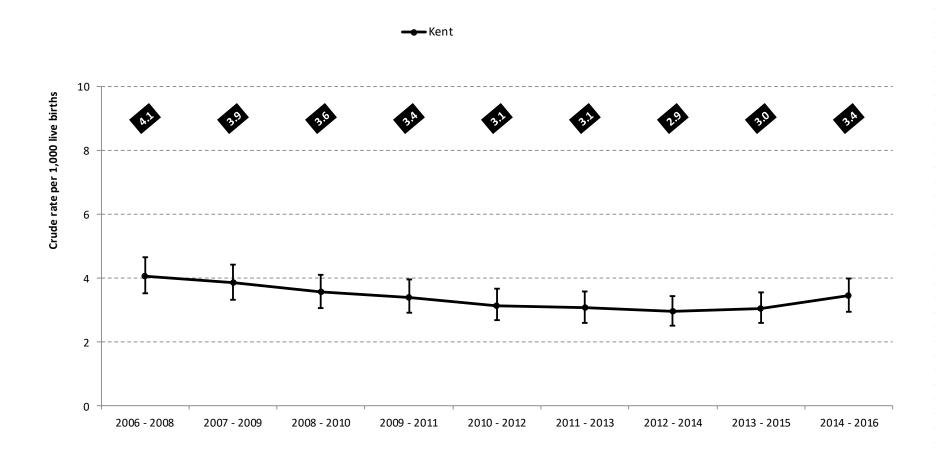
Most deprived trend - decreasing

Source: ONS, NHS Digital, prepared by KPHO (RK), Nov-17



#### Infant mortality rate: trend

Crude rate of deaths that occur in infants under the age of 1 year per 1,000 live births, 2006 - 2008 to 2014 - 2016

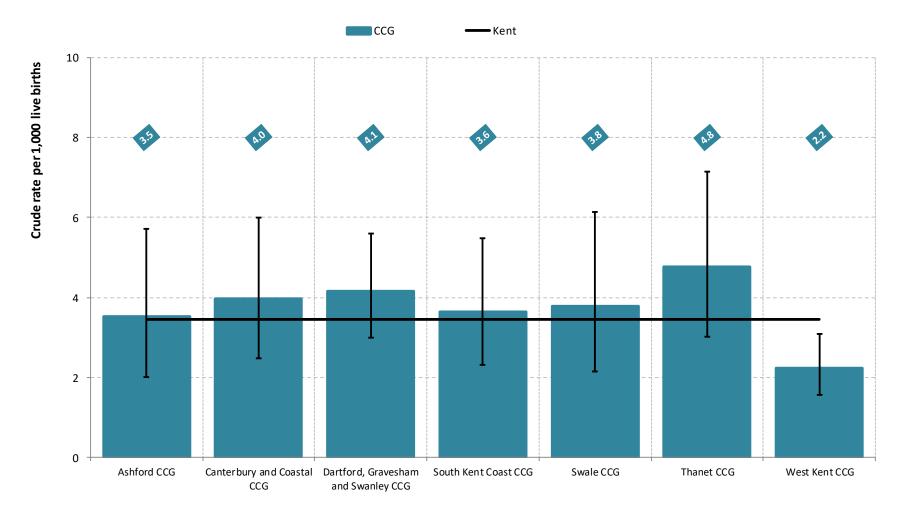


Source: PCMD, ONS, NHS Digital, prepared by KPHO (RK), Nov-17



#### Infant mortality rate: by CCG

Crude rate of deaths that occur in infants under the age of 1 year per 1,000 live births, 2012-2016



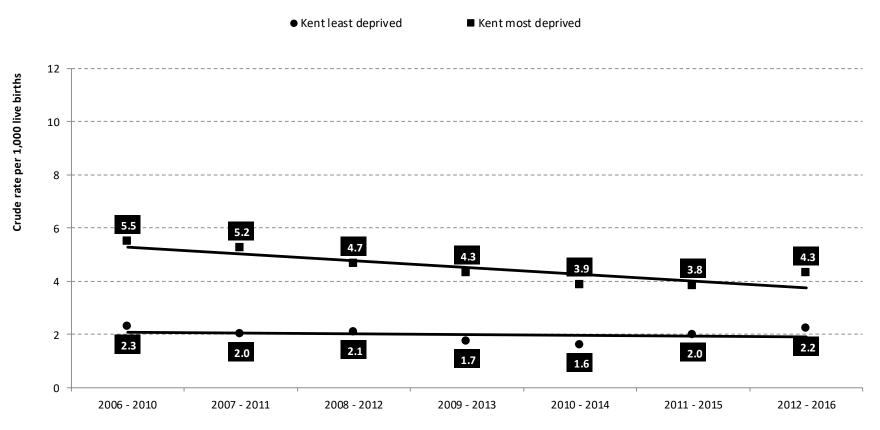
Source: PCMD, ONS, NHS Digital, prepared by KPHO (RK), Nov-17



Starting Well: Children in Kent (CCGs)

#### Infant mortality rate: by deprivation

Crude rate of deaths that occur in infants under the age of 1 year per 1,000 live births, 2006 - 2010 to 2012 - 2016



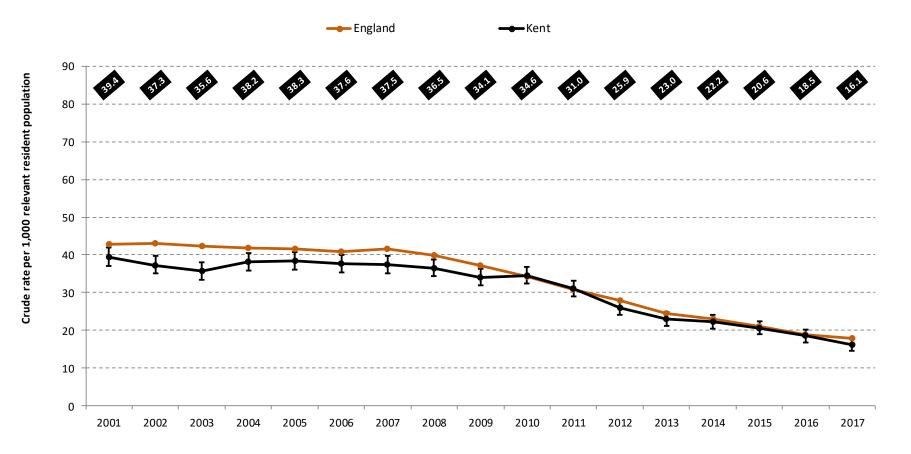
Least deprived trend - stable

Most deprived trend - decreasing

Source: PCMD, ONS, NHS Digital, prepared by KPHO (RK), Nov-17

#### Under 18 teenage conceptions: trend

Conception rate per 1,000 15-17 year olds, residence based, 2001 to 2017



Decreasing with a similar pace of change to England

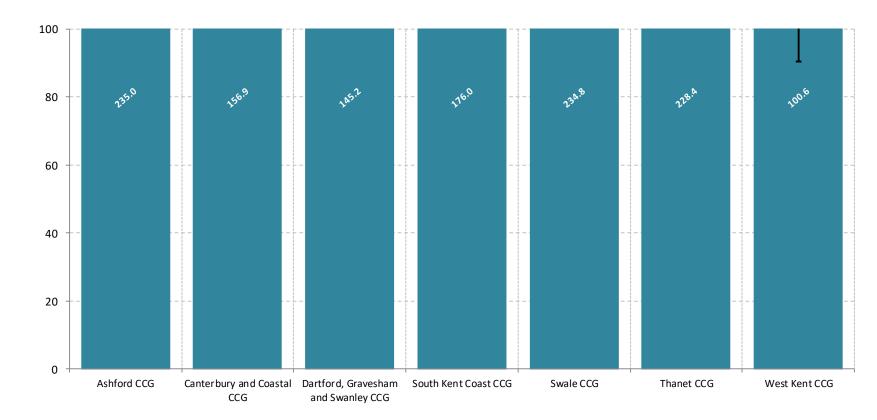
Source: ONS, prepared by KPHO (ZC), Feb-20



#### Under 18 teenage conceptions: by CCG

Conception rate per 1,000 15-17 year olds, residence based, 2017





Source: ONS, prepared by KPHO (LLY), Feb-20



# Wellbeing

Life expectancy at birth

Smoking at time of delivery

Breastfeeding: New born visit

Breastfeeding: 6-8 weeks

Immunisations: Dtap /IPV / Hib (1 year)

Immunisations: MMR for two doses (5 years)

Obesity & excess weight: Year R

Obesity & excess weight: Year 6

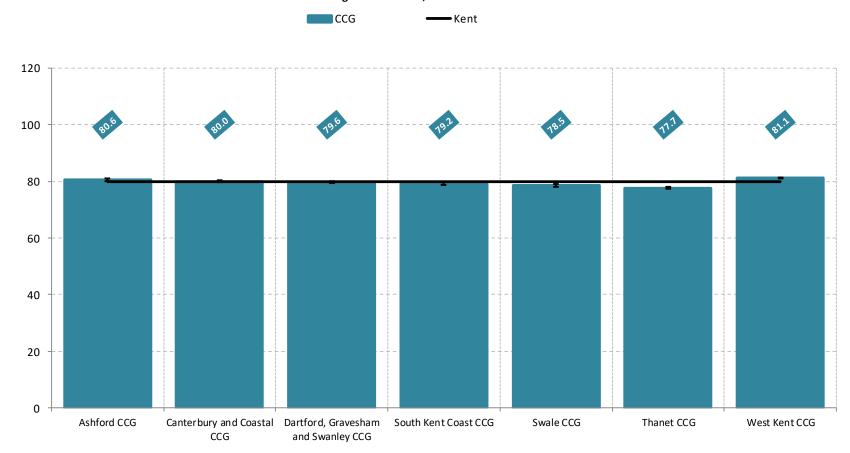
Good level of development

Tooth decay: Age 5



#### Life expectancy at birth, male: by CCG

Figures based on deaths registered and mid-year population estimates, life expectancy in years calculated using the Public Health England calculator, 2013-2017

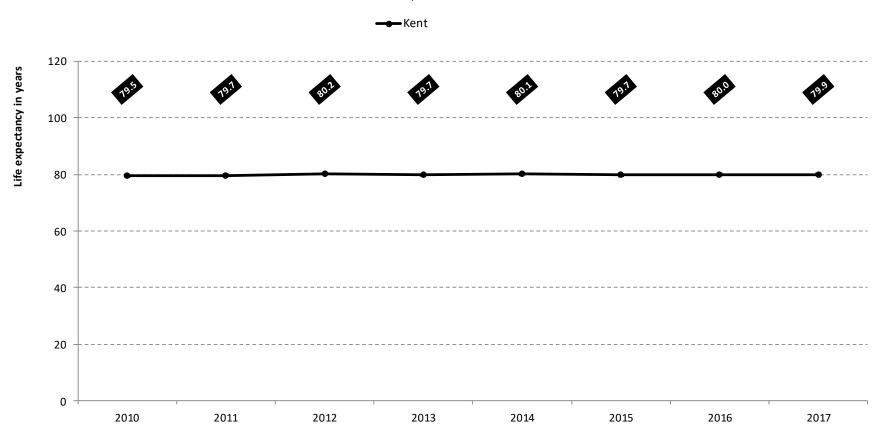


Source: PCMD, ONS, PHE, prepared by KPHO (ZC), Nov-18



#### Life expectancy at birth, male: trend

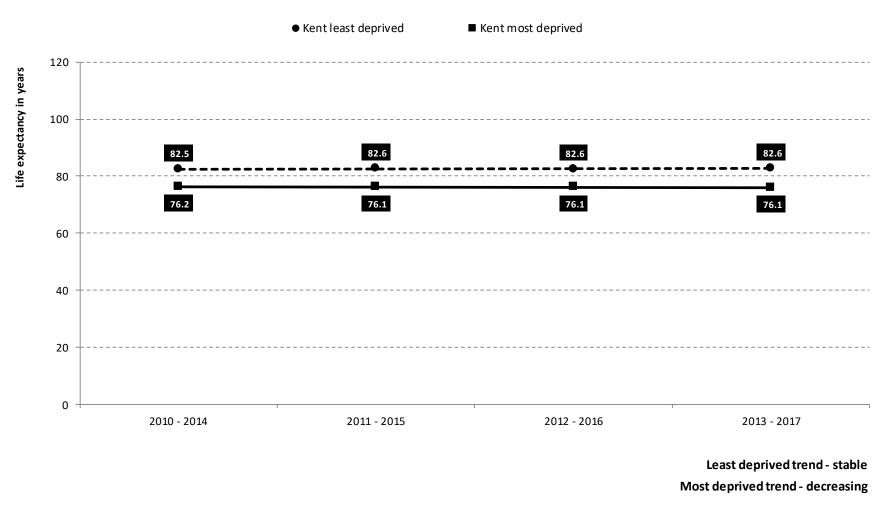
Figures based on deaths registered and mid-year population estimates, life expectancy in years calculated using the Public Health England calculator, 2010 to 2017



Source: PCMD, ONS, PHE, prepared by KPHO (ZC), Nov-18

#### Life expectancy at birth, male: by deprivation

Figures based on deaths registered and mid-year population estimates, life expectancy in years calculated using the Public Health England calculator, 2010 - 2014 to 2013 - 2017



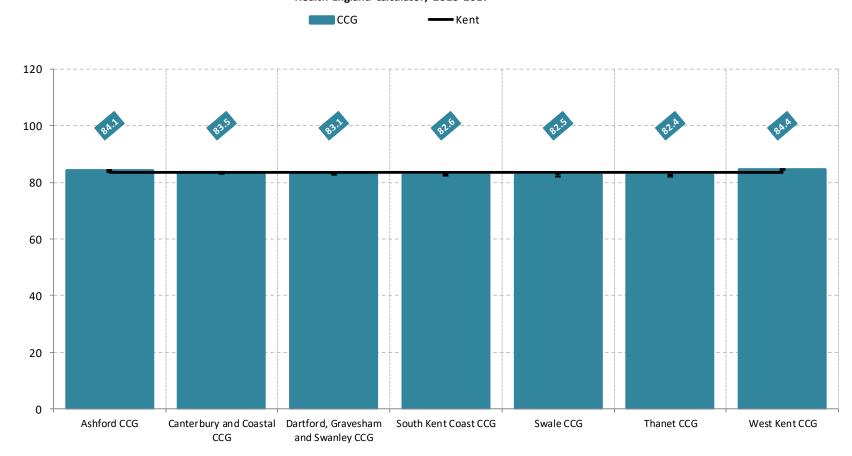
Source: PCMD, ONS, PHE, prepared by KPHO (ZC), Nov-18



Starting Well: Children in Kent (CCGs)

#### Life expectancy at birth, female: by CCG

Figures based on deaths registered and mid-year population estimates, life expectancy in years calculated using the Public Health England calculator, 2013-2017

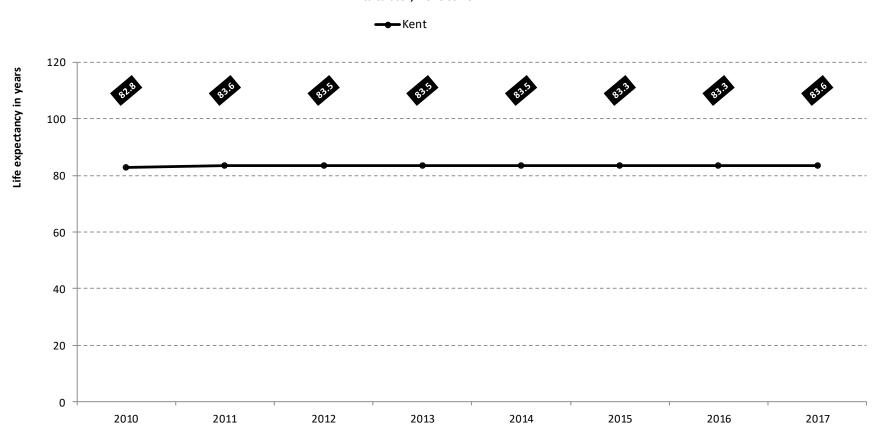


Source : PCMD, ONS, PHE, prepared by KPHO (ZC), Nov-18



#### Life expectancy at birth, female: trend

Figures based on deaths registered and mid-year population estimates, life expectancy in years calculated using the Public Health England calculator, 2010 to 2017

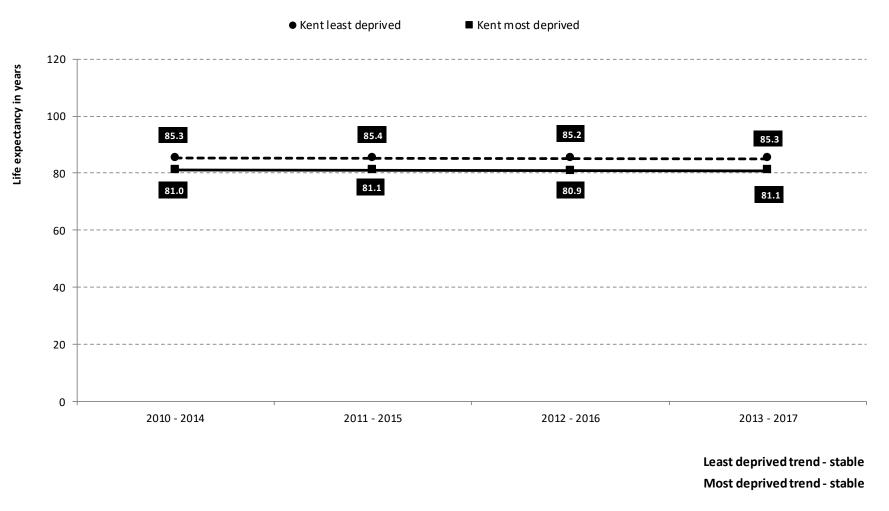


Source : PCMD, ONS, PHE, prepared by KPHO (ZC), Nov-18



#### Life expectancy at birth, female: by deprivation

Figures based on deaths registered and mid-year population estimates, life expectancy in years calculated using the Public Health England calculator, 2010 - 2014 to 2013 - 2017



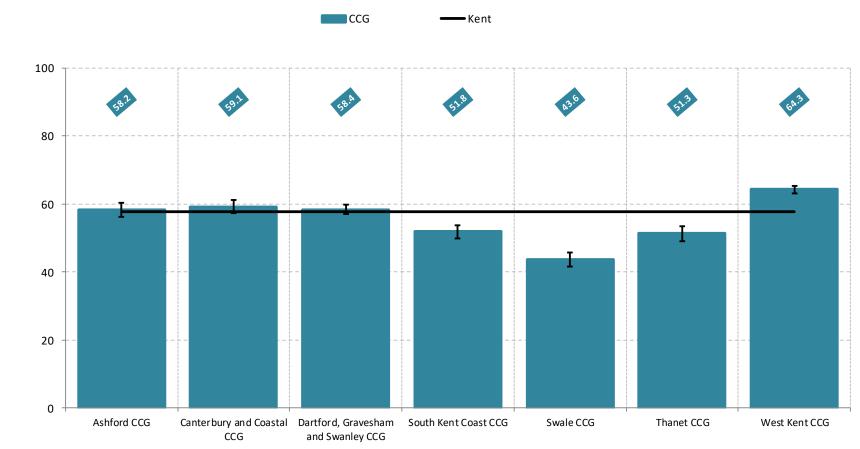
Source: PCMD, ONS, PHE, prepared by KPHO (ZC), Nov-18



Starting Well: Children in Kent (CCGs)

#### New born visit breastfeeding: by CCG

Percentage of babies recorded as being breastfed, as a percentage of all those due a new born visit, January 2018-June 2019

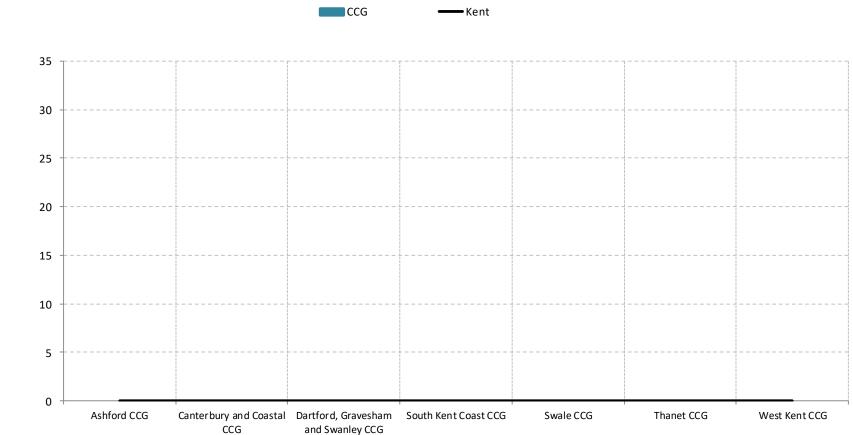


Source: KCHFT, prepared by KPHO (LLY), Jan-20



#### Smoking status at time of delivery: by CCG

Percentage of mothers known to be smokers at the time of delivery as a percentage of all maternities, 2017/18

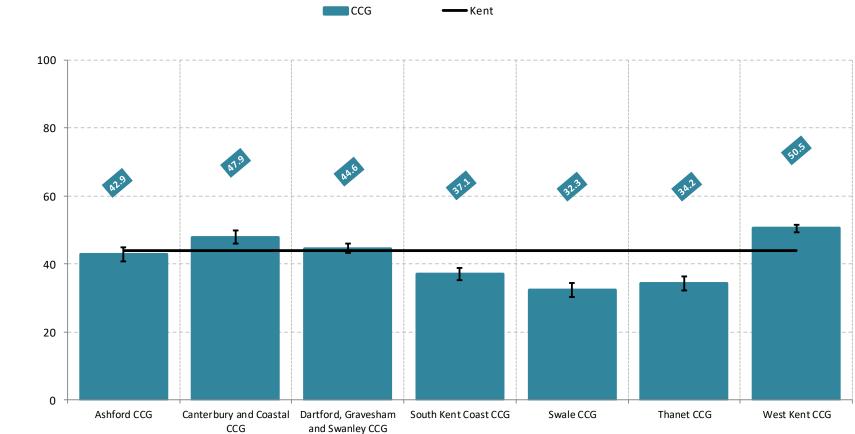


Source: PHE, NHS Digital, prepared by KPHO (RK), Feb-19



#### Breastfeeding at 6-8 weeks: by CCG

Percentage of babies recorded as breastfed at 6-8 week health visitor check, January 2018 - June 2019



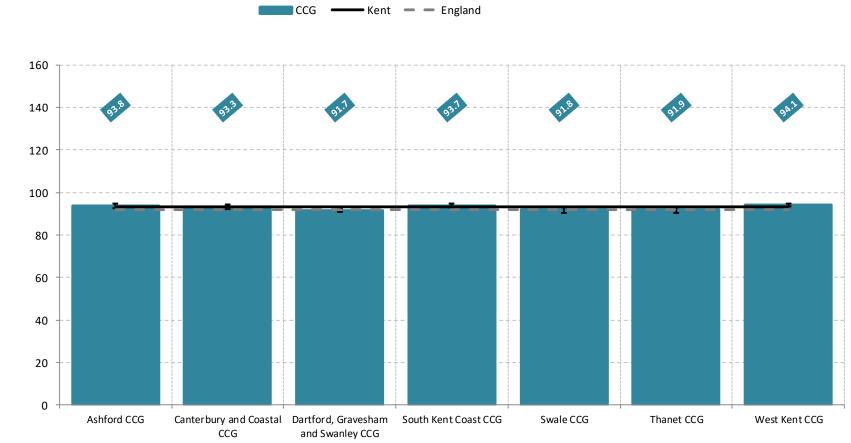
Percentage

Source: KCHFT, prepared by KPHO (LLY), Jan-20



#### Population vaccination coverage - Dtap/IPV/Hib (1 year old): by CCG

Percentage of eligible children having immunisation, 2018/19

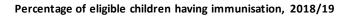


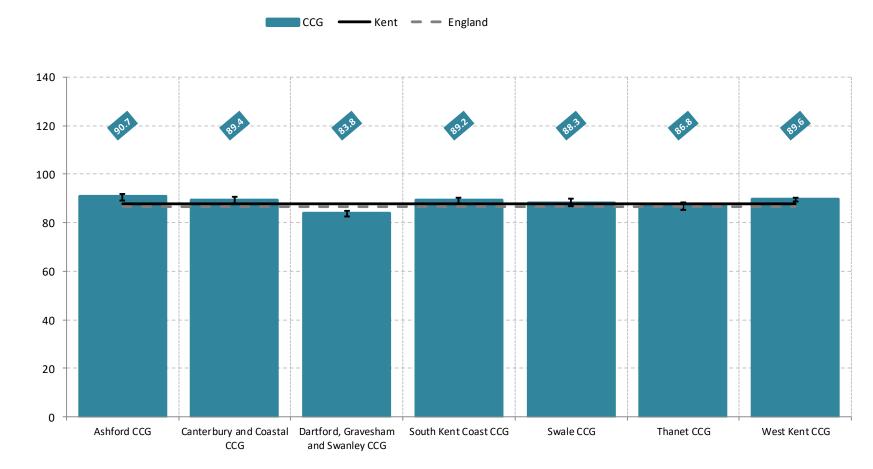
Percentage

Source: NHS England, prepared by KPHO (MP), Dec-19



#### Population vaccination coverage - MMR for two doses (5 years old): by CCG



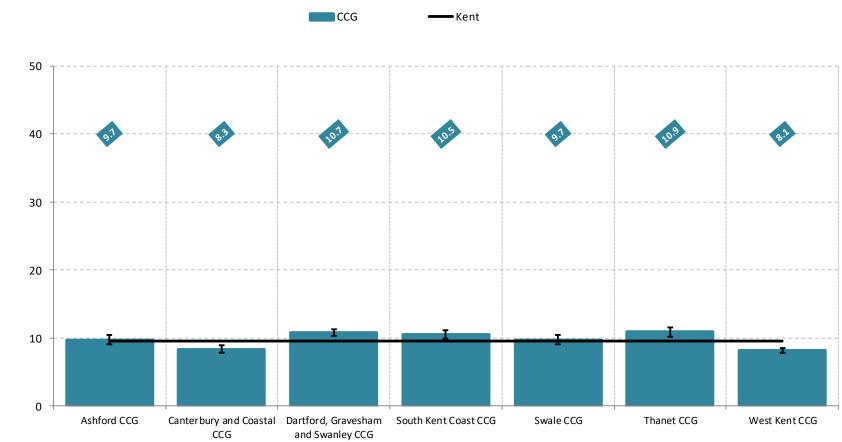


Source: NHS England, prepared by KPHO (MP), Dec-19



#### Obesity in reception year children aged 4-5 years: by CCG

Percentage of reception year pupils measured as obese, Body Mass Index greater than or equal to the 95th centile of the UK90 growth reference according to age and sex, 2014/15-2018/19

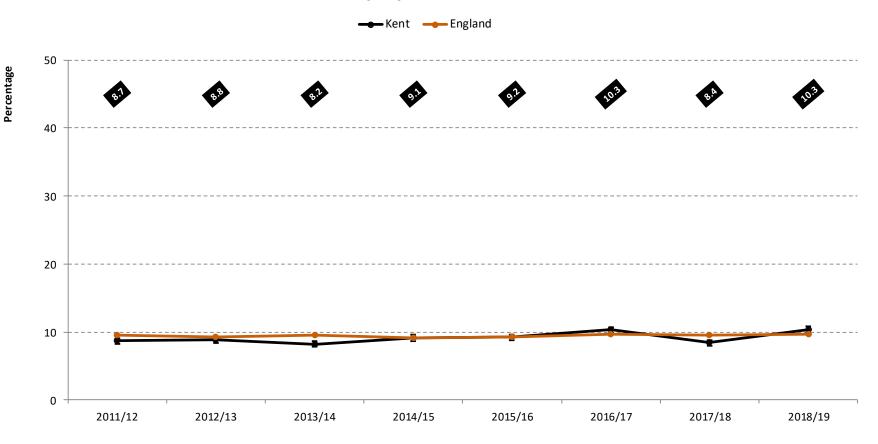


Source: NCMP, NHS Digital, prepared by KPHO (LLY), Jan-20



#### Obesity in reception year children aged 4-5 years: trend

Percentage of reception year pupils measured as obese, Body Mass Index greater than or equal to the 95th centile of the UK90 growth reference according to age and sex, 2011/12 to 2018/19

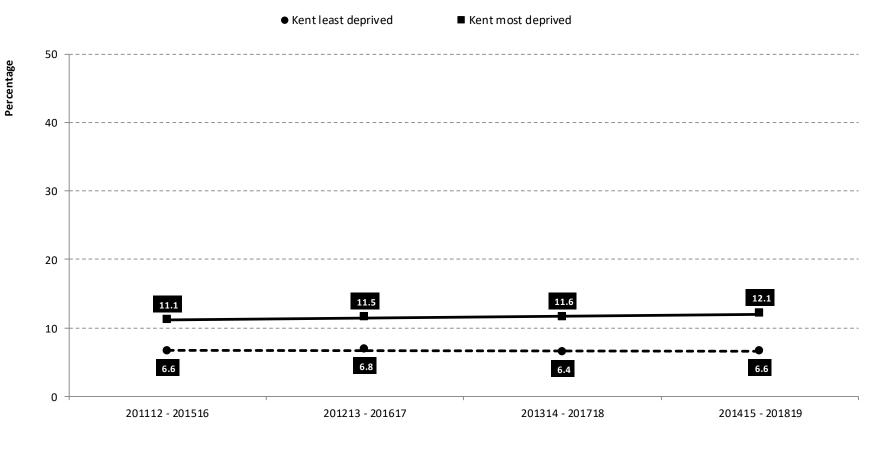


Source: NCMP, NHS Digital, prepared by KPHO (LLY), Jan-20



#### Obesity in reception year children aged 4-5 years: by deprivation

Percentage of reception year pupils measured as obese, Body Mass Index greater than or equal to the 95th centile of the UK90 growth reference according to age and sex, 2011/12 to 2018/19



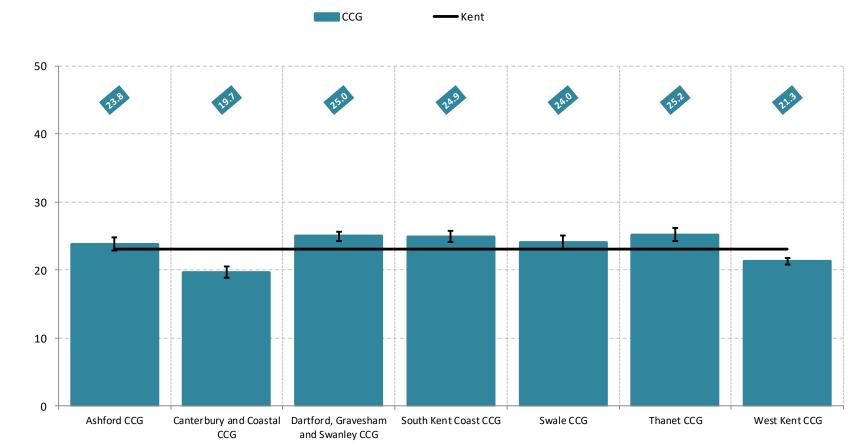
Least deprived trend - stable Most deprived trend - increasing

Source: NCMP, NHS Digital, prepared by KPHO (LLY), Jan-20



#### Excess weight in reception year children aged 4-5 years: by CCG

Percentage of reception year pupils measured as overweight or obese, Body Mass Index greater than or equal to the 85th centile of the UK90 growth reference according to age and sex, 2014/15-2018/19

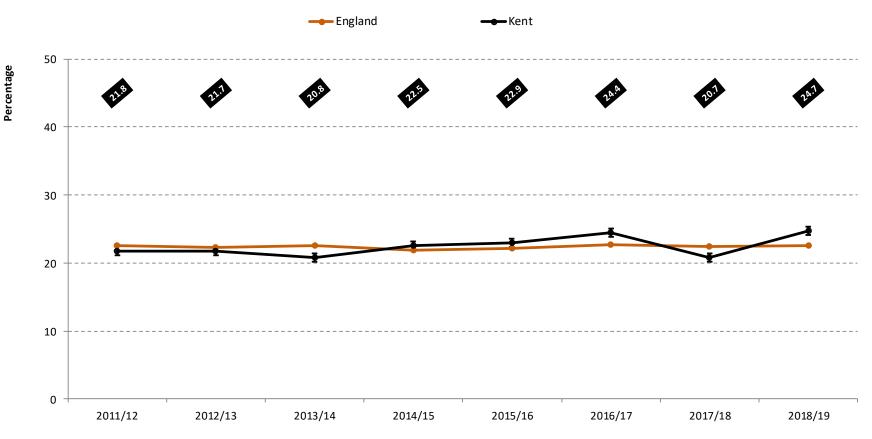


Source: NCMP, NHS Digital, prepared by KPHO (SR), Jan-20



#### Excess weight in reception year children aged 4-5 years: trend

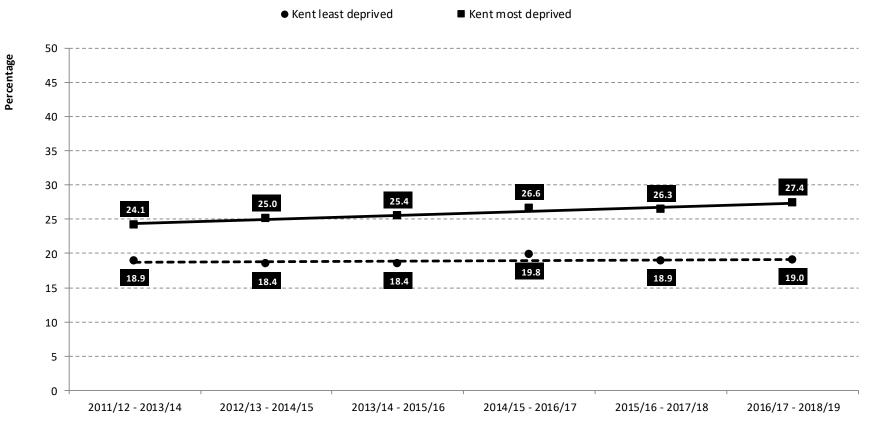
Percentage of reception year pupils measured as overweight or obese, Body Mass Index greater than or equal to the 85th centile of the UK90 growth reference according to age and sex, 2011/12 to 2018/19



Source: NCMP, NHS Digital, prepared by KPHO (SR), Jan-20

#### Excess weight in reception year children aged 4-5 years: by deprivation

Percentage of reception year pupils measured as overweight or obese, Body Mass Index greater than or equal to the 85th centile of the UK90 growth reference according to age and sex, 2011/12 to 2018/19



Least deprived trend - stable

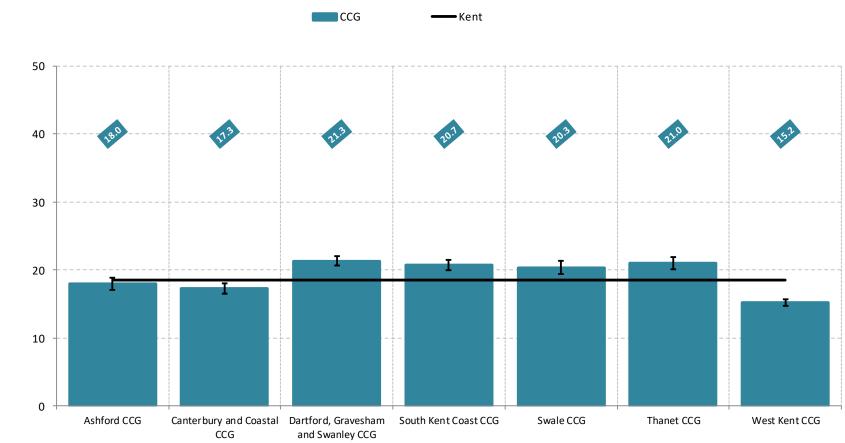
Most deprived trend - increasing

Source: NCMP, NHS Digital, prepared by KPHO (SR), Jan-20



# Obesity in year six children aged 10-11 years: by CCG

Percentage of year six pupils measured as obese, Body Mass Index greater than or equal to the 95th centile of the UK90 growth reference according to age and sex, 2014/15-2018/19

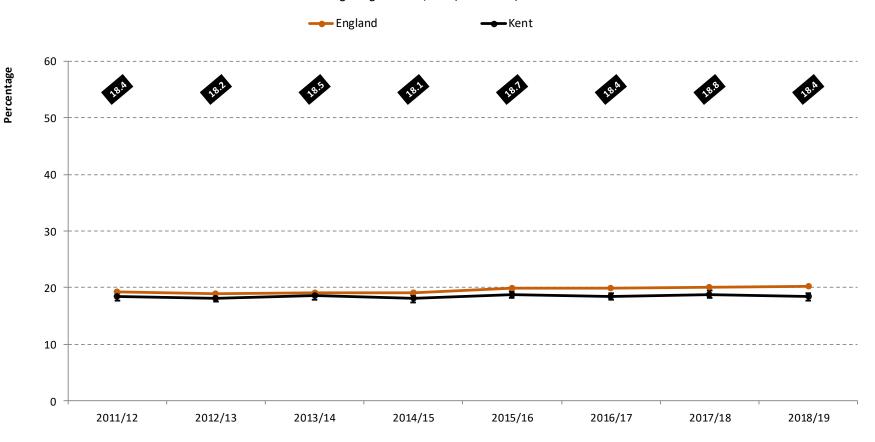


Source: NCMP, NHS Digital, prepared by KPHO (SR), Jan-20



## Obesity in year six children aged 10-11 years: trend

Percentage of year six pupils measured as obese, Body Mass Index greater than or equal to the 95th centile of the UK90 growth reference according to age and sex, 2011/12 to 2018/19

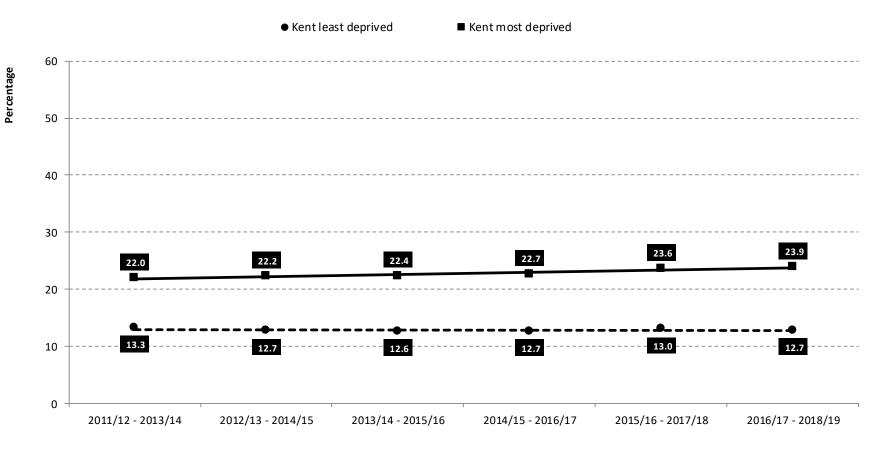


Source: NCMP, NHS Digital, prepared by KPHO (SR), Jan-20



#### Obesity in year six children aged 10-11 years: by deprivation

Percentage of year six pupils measured as obese, Body Mass Index greater than or equal to the 95th centile of the UK90 growth reference according to age and sex, 2011/12 - 2013/14 to 2016/17 - 2018/19



Least deprived trend - stable

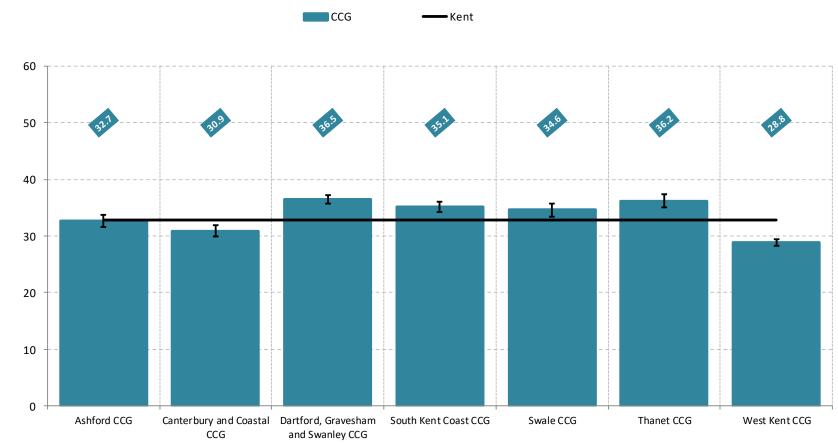
Most deprived trend - increasing

Source: NCMP, NHS Digital, prepared by KPHO (SR), Feb-20



# Excess weight in year six children aged 10-11 years: by CCG

Percentage of year six pupils measured as overweight or obese, Body Mass Index greater than or equal to the 85th centile of the UK90 growth reference according to age and sex, 2014/15 to 2018/19

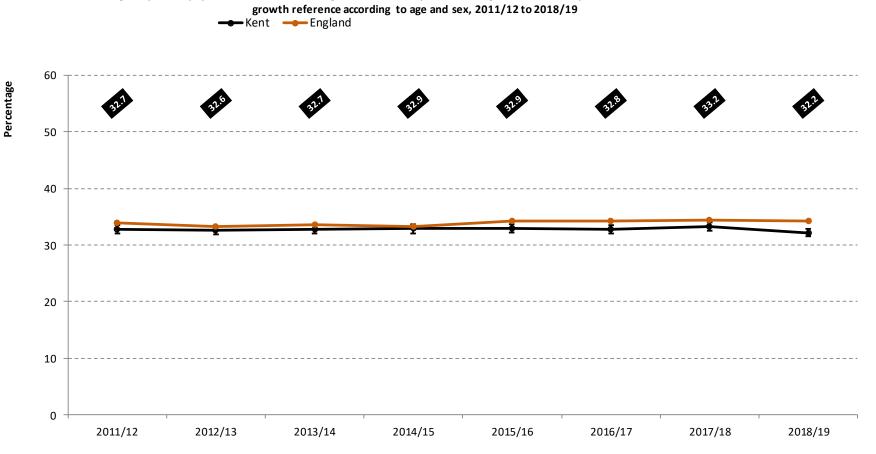


Source: NCMP, NHS Digital, prepared by KPHO (LLY), Jan-20



# Excess weight in year six children aged 10-11 years: trend

Percentage of year six pupils measured as overweight or obese, Body Mass Index greater than or equal to the 85th centile of the UK90

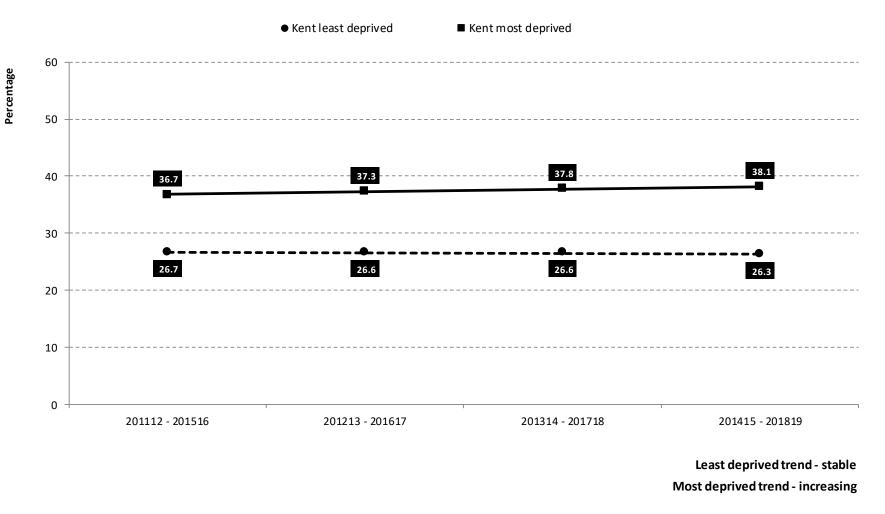


Source: NCMP, NHS Digital, prepared by KPHO (LLY), Jan-20



#### Excess weight in year six children aged 10-11 years: by deprivation

Percentage of year six pupils measured as overweight or obese, Body Mass Index greater than or equal to the 85th centile of the UK90 growth reference according to age and sex, 2011/12 to 2018/19

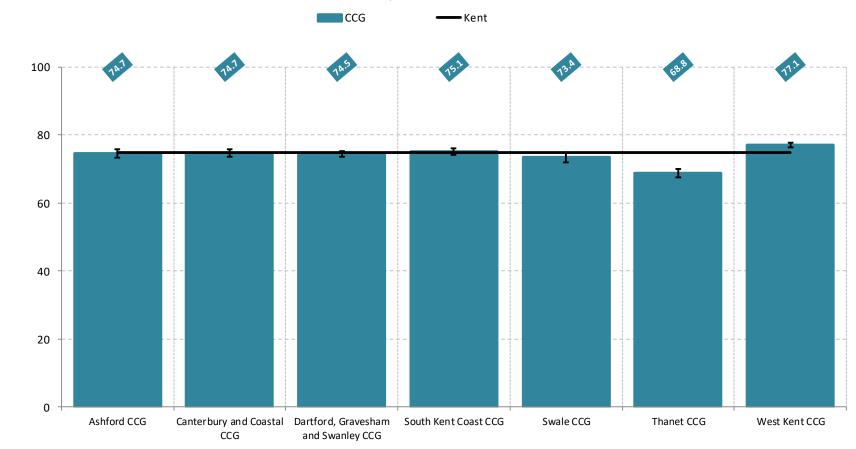


Source: NCMP, NHS Digital, prepared by KPHO (LLY), Jan-20



# Children achieving a good level of development at the end of reception year: by CCG

Achieving a good level of development at the end of the Early Years Foundation Stage (EYFS) as a percentage of all eligible children, 2017-2019



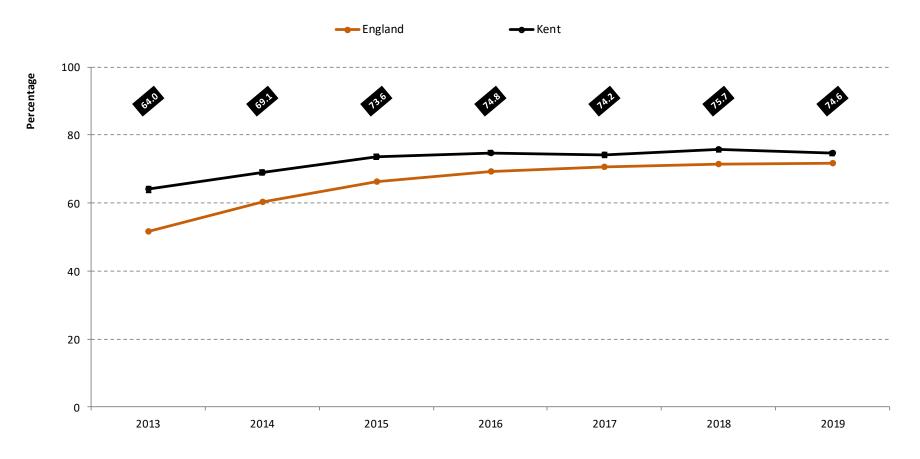
Percentage

Source: KCC, Management Information Unit, prepared by KPHO (MP), Jan-20



# Children achieving a good level of development at the end of reception year: trend

Achieving a good level of development at the end of the Early Years Foundation Stage (EYFS) as a percentage of all eligible children, 2013 to 2019



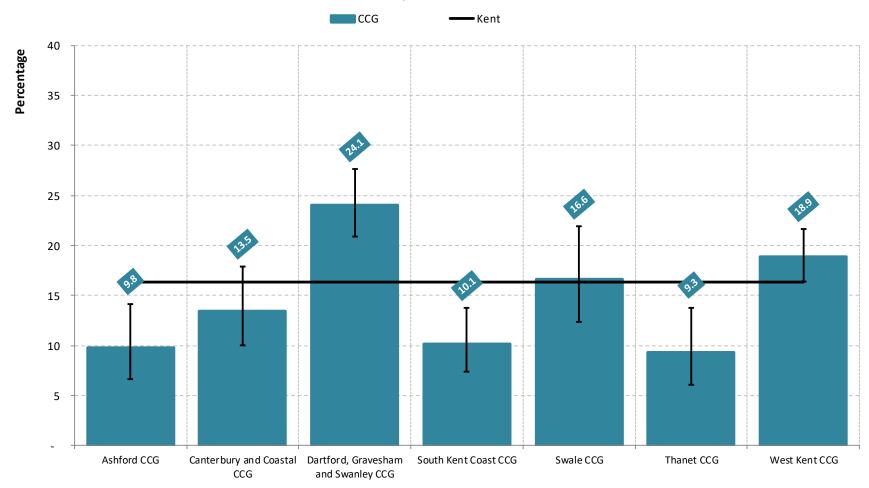
Source: KCC, Management Information Unit, prepared by KPHO (MP), Jan-20



# Tooth decay in children aged five: by CCG

The percentage of children at age 5 years, within the survey sample, who experienced decayed, missing or extracted teeth,

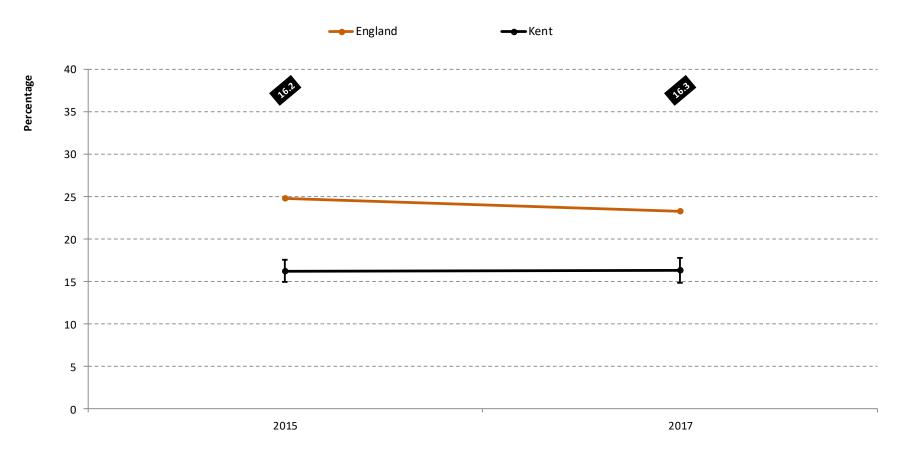
2017



Source: Dental Public Health Epidemiology Programme for England: Oral health survey of five-year-old children, prepared by KPHO (TG), May-18

# Tooth decay in children aged five: trend

The percentage of children at age 5 years (within the survey sample) who experienced decayed, missing or extracted teeth, 2015 to 2017



Source: Dental Public Health Epidemiology Programme for England: Oral health survey of five-year-old children, prepared by KPHO (RK), Jun-18



# Healthcare usage

A&E attendances

Elective hospital admissions

**Emergency hospital admissions** 

Hospital admissions for asthma

Hospital admissions for unintentional or deliberate injury

Hospital admissions for self harm

Hospital admissions for respiratory tract infections

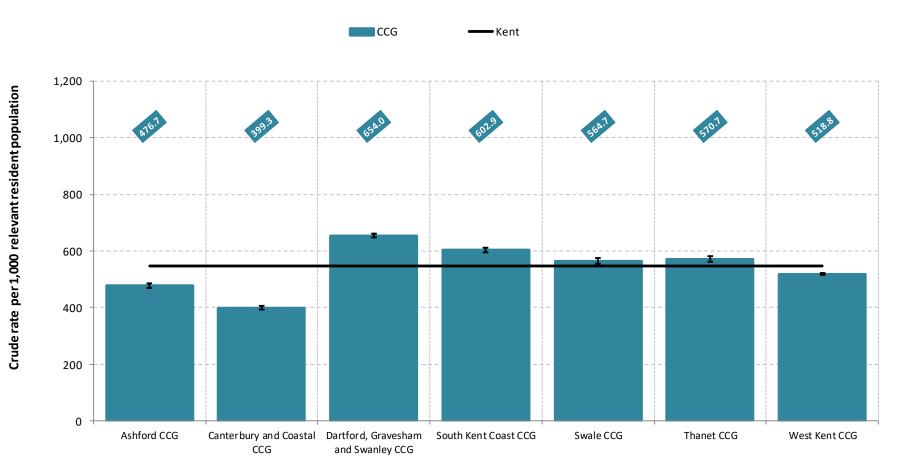
Hospital admissions for gastroenteritis

Hospital admissions of babies under 14 days



# Accident & Emergency attendances in children aged 0-4 years: by CCG

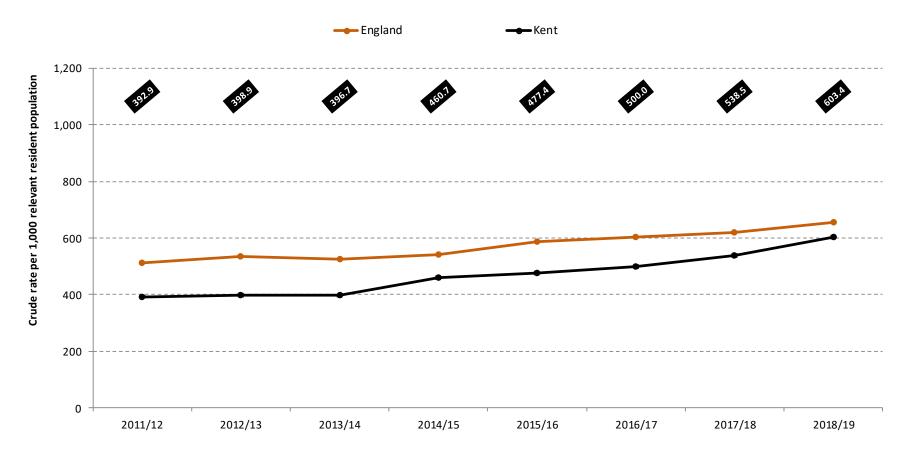
Crude rate per 1,000 children aged 0-4 years, 2016/17-2018/19





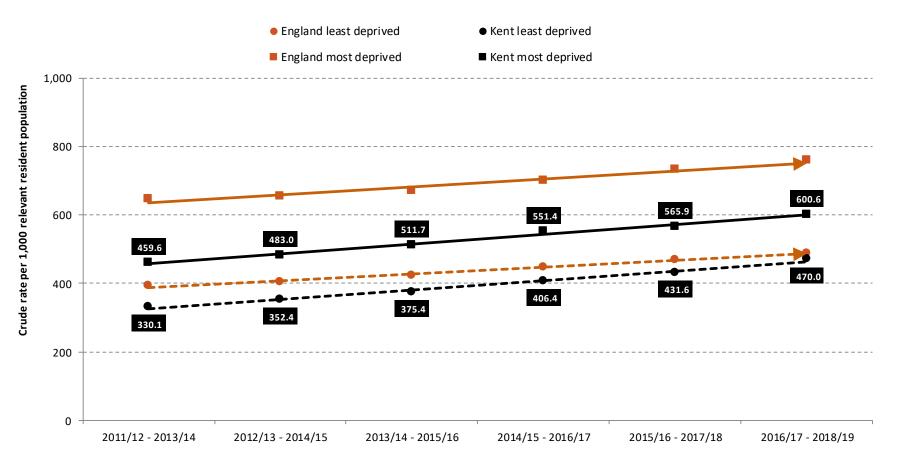
# Accident & Emergency attendances in children aged 0-4 years: trend

Crude rate per 1,000 children aged 0-4 years, 2011/12 to 2018/19



# Accident & Emergency attendances in children aged 0-4 years: by deprivation

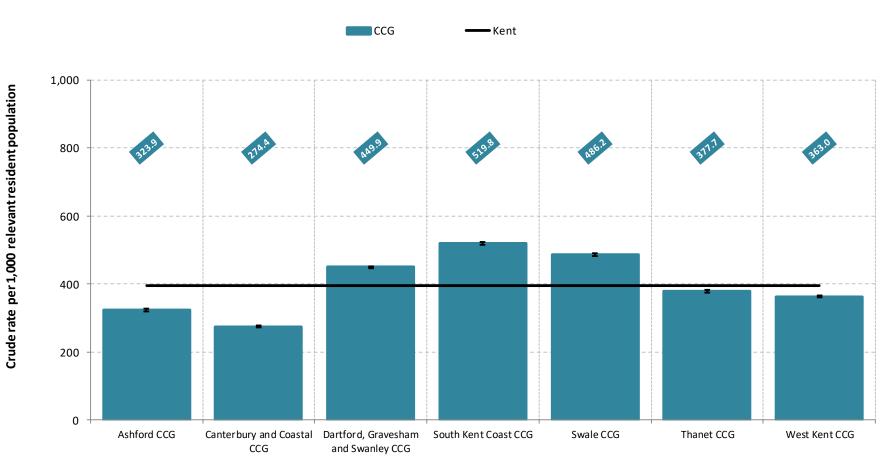
Crude rate per 1,000 children aged 0-4 years, 2011/12 - 2013/14 to 2016/17 - 2018/19



Least deprived trend - increasing with a faster pace of change than England Most deprived trend - increasing with a similar pace of change to England



## Accident & Emergency attendances in children & young people aged 0-19 years: by CCG

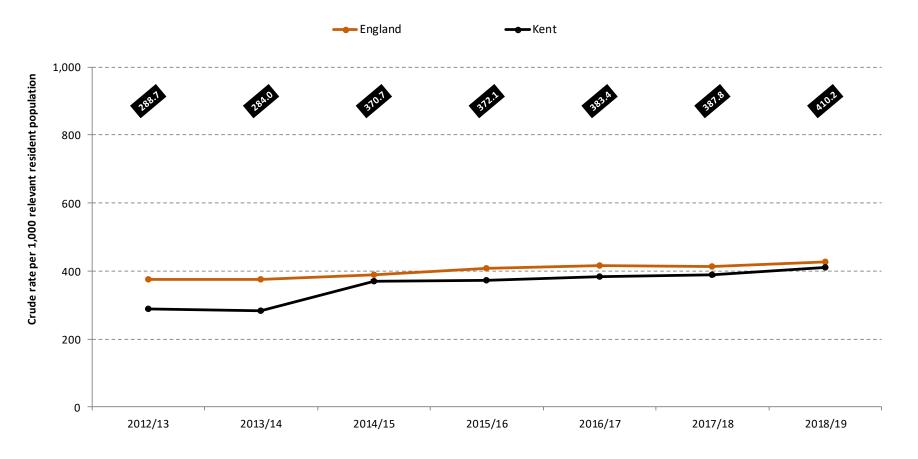


Crude rate per 1,000 children and young people aged 0-19 years, 2016/17-2018/19



# Accident & Emergency attendances in children & young people aged 0-19 years: trend

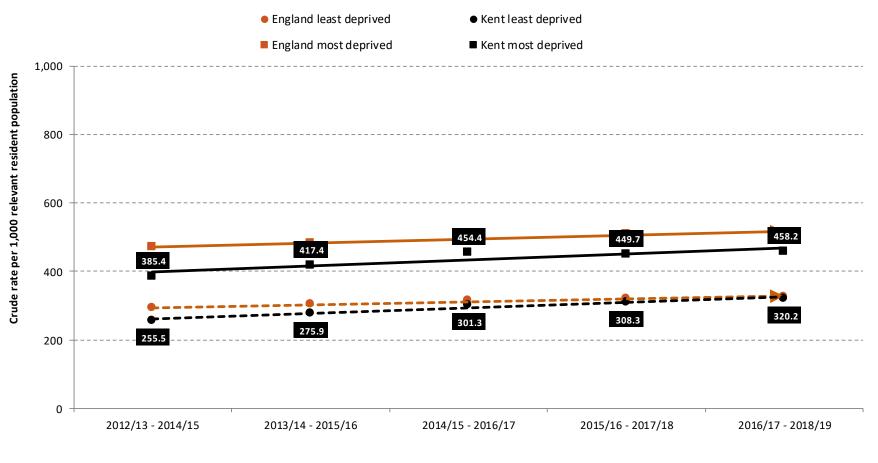
Crude rate per 1,000 children and young people aged 0-19 years, 2012/13-2018/19





#### Accident & Emergency attendances in children & young people aged 0-19 years: by deprivation

Crude rate per 1,000 children and young people aged 0-19 years, 2012/13 -2014/5 to 2016/17 - 2018/19

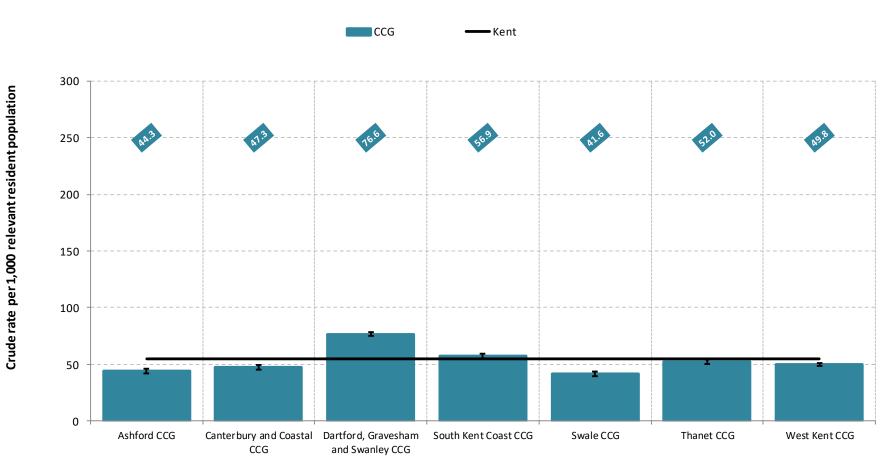


Least deprived trend - increasing with a similar pace of change to England Most deprived trend - increasing with a similar pace of change to England



# Elective hospital admissions in children aged 0-4 years: by CCG

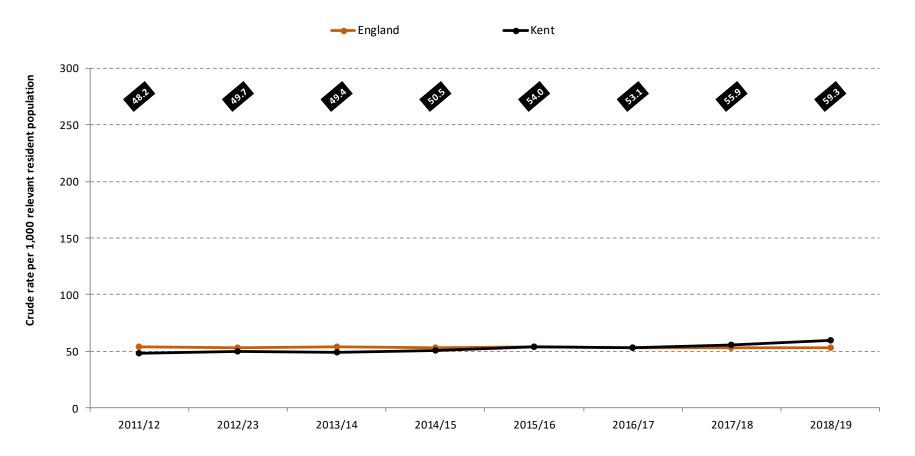
Crude rate per 1,000 children aged 0-4 years, 2014/15-2018/19





# Elective hospital admissions in children aged 0-4 years: trend

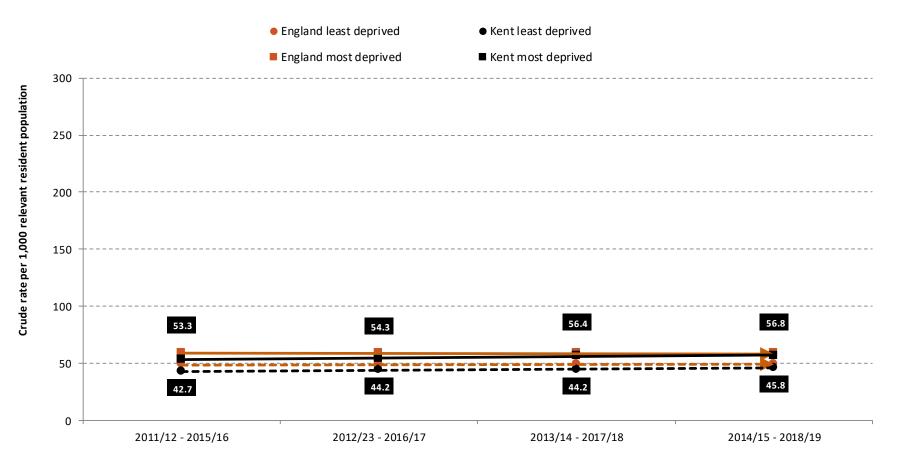
Crude rate per 1,000 children aged 0-4 years, 2011/12 to 2018/19





#### Elective hospital admissions in children aged 0-4 years: by deprivation

Crude rate per 1,000 children aged 0-4 years, 2011/12-2015/16 to 2014/15-2018/19

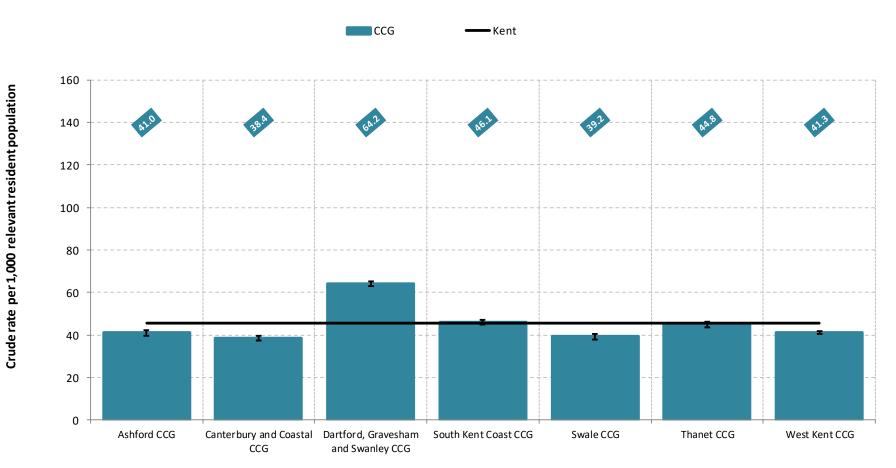


Least deprived trend - stable with a similar pace of change to England

Most deprived trend - increasing compared with a decreasing trend for England



# Elective hospital admissions in children and young people aged 0-19 years: by CCG

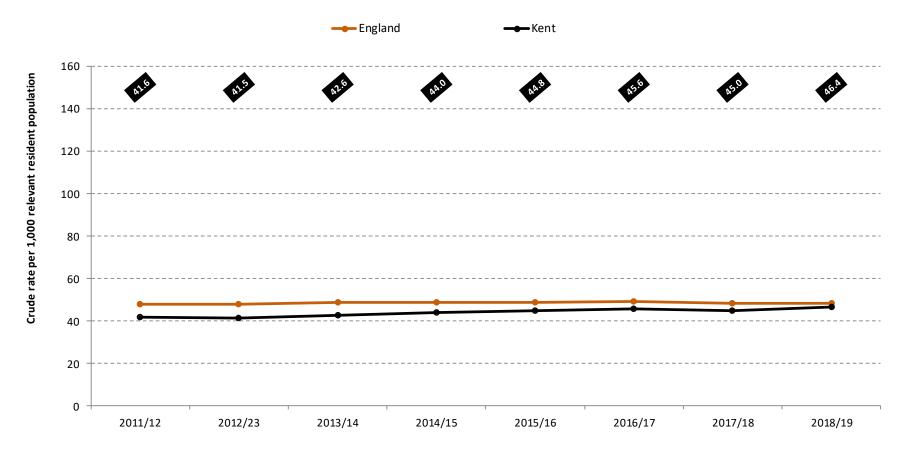


Crude rate per 1,000 children and young people aged 0-19 years, 2016/17-2018/19



#### Elective hospital admissions in children and young people aged 0-19 years: trend

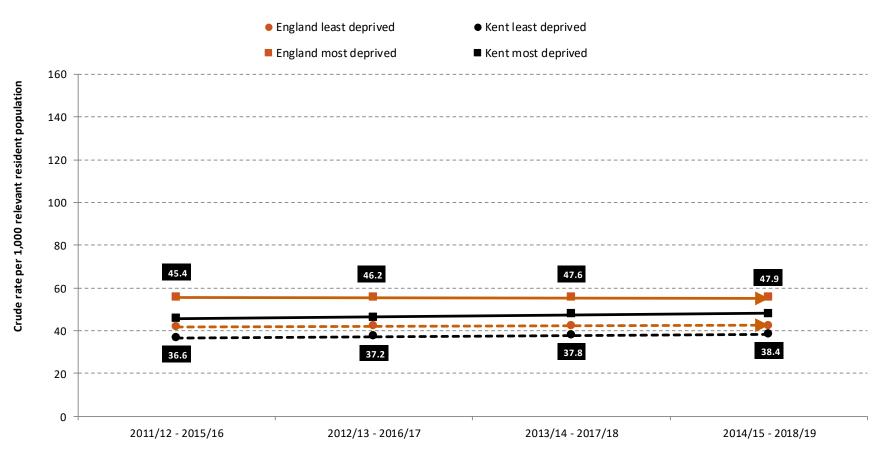
Crude rate per 1,000 children and young people aged 0-19 years, 2011/12 to 2018/19





#### Elective hospital admissions in children and young people aged 0-19 years: by deprivation

Crude rate per 1,000 children and young people aged 0-19 years, 2011/12 - 2015/16 to 2014/15 - 2018/19

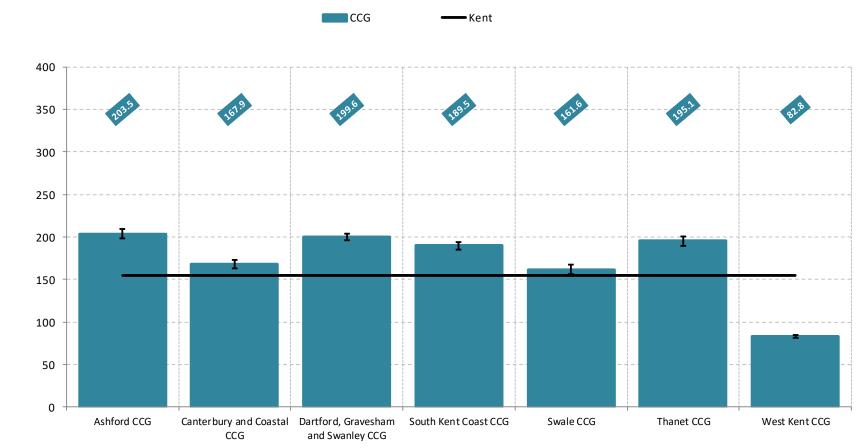


Least deprived trend - increasing compared with a stable trend for England Most deprived trend - increasing compared with a stable trend for England



# Emergency hospital admissions in children aged 0-4 years: by CCG

Crude rate per 1,000 children aged 0-4 years, 2016/17-2018/19

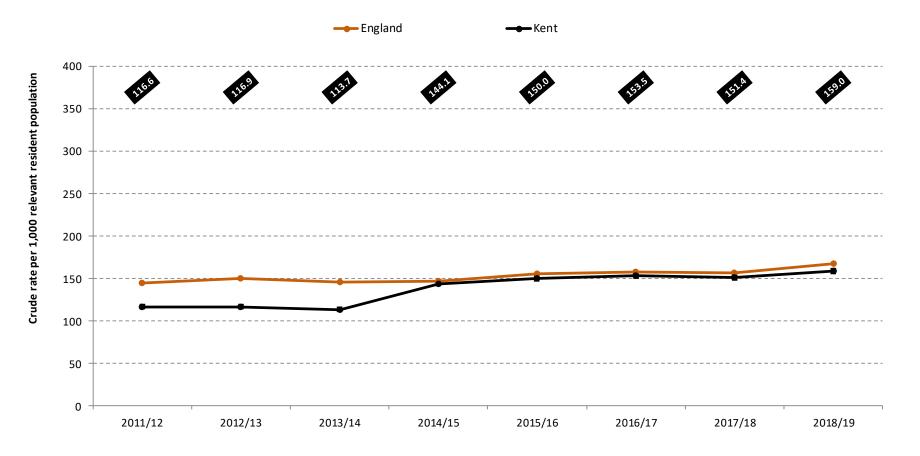


Crude rate per 1,000 relevant resident population



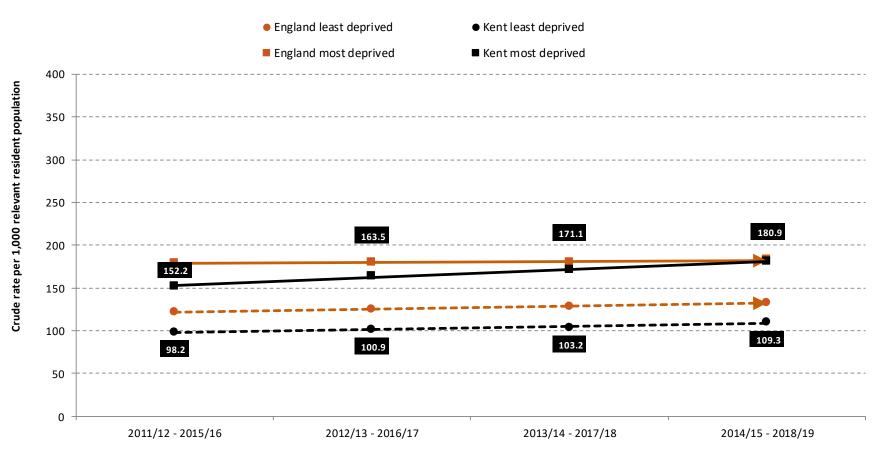
# Emergency hospital admissions in children aged 0-4 years: trend

Crude rate per 1,000 children aged 0-4 years, 2011/12 to 2018/19



#### Emergency hospital admissions in children aged 0-4 years: by deprivation

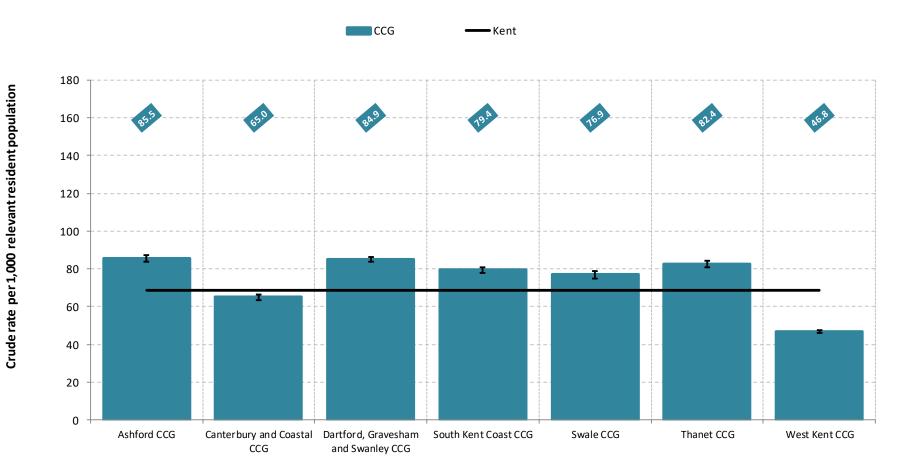
Crude rate per 1,000 children aged 0-4 years, 2011/12 - 2015/16 to 2014/15 - 2018/19



Least deprived trend - increasing with a similar pace of change to England Most deprived trend - increasing compared with a stable trend for England



#### Emergency hospital admissions in children and young people aged 0-19 years: by CCG



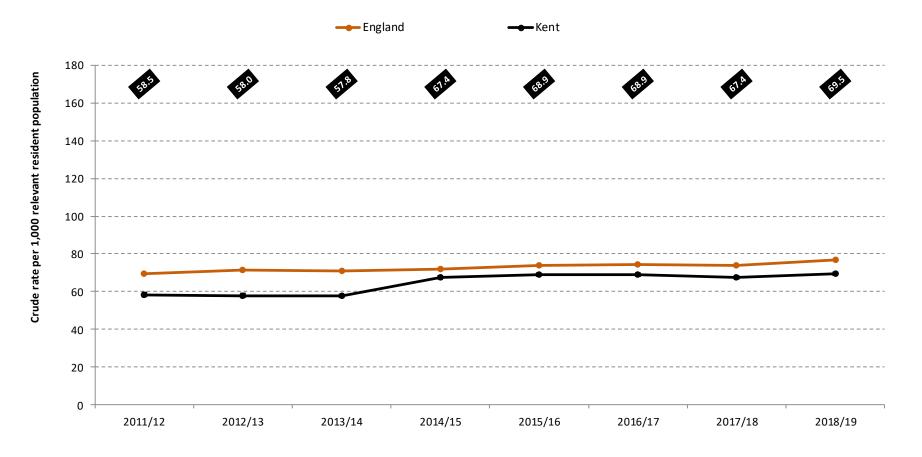
Crude rate per 1,000 children and young people aged 0-19 years, 2016/17-2018/19

Source : Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Jan -20

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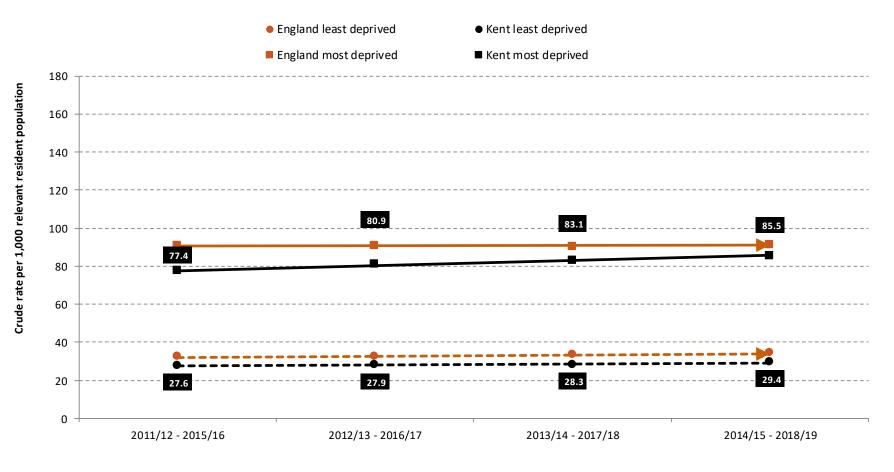
# Emergency hospital admissions in children and young people aged 0-19 years: trend

Crude rate per 1,000 children and young people aged 0-19 years, 2011/12 to 2018/19



#### Emergency hospital admissions in children and young people aged 0-19 years: by deprivation

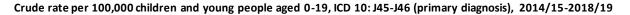
Crude rate per 1,000 children and young people aged 0-19 years, 2011/12 - 2015/16 to 2014/15 - 2018/19

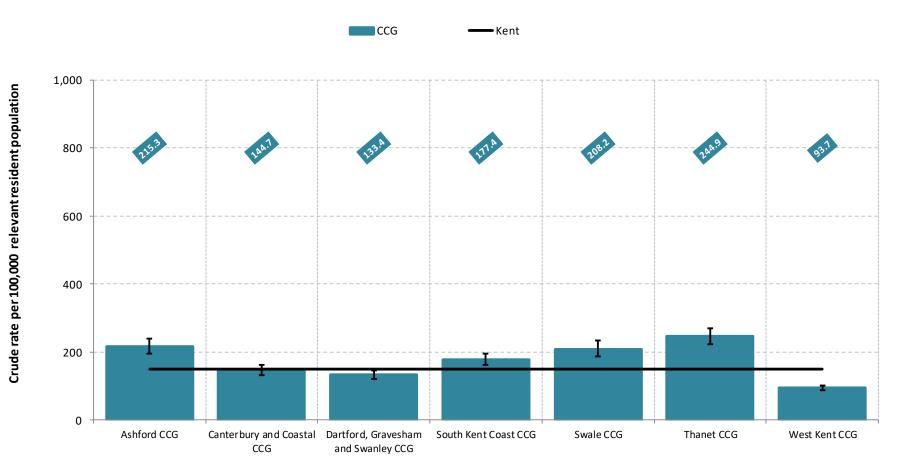


Least deprived trend - stable compared with a increasing trend for England Most deprived trend - increasing compared with a stable trend for England



#### Emergency hospital admissions for asthma in children and young people aged 0-19 years: by CCG

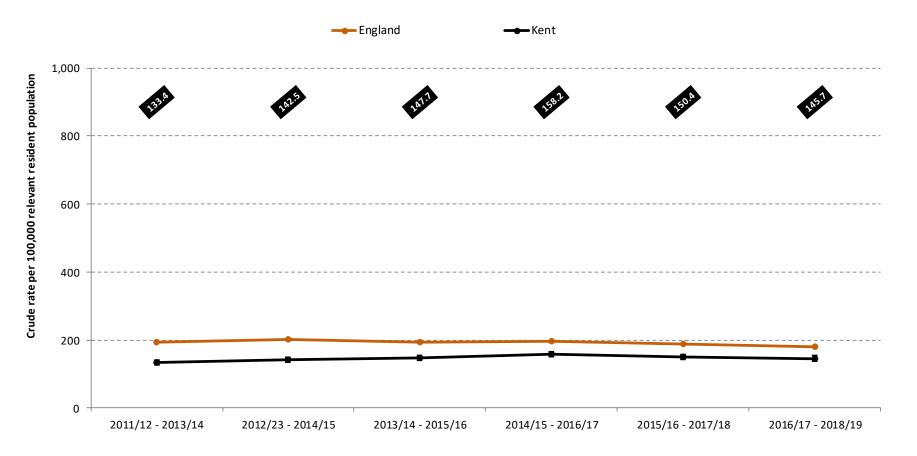






#### Emergency hospital admissions for asthma in children and young people aged 0-19 years: trend

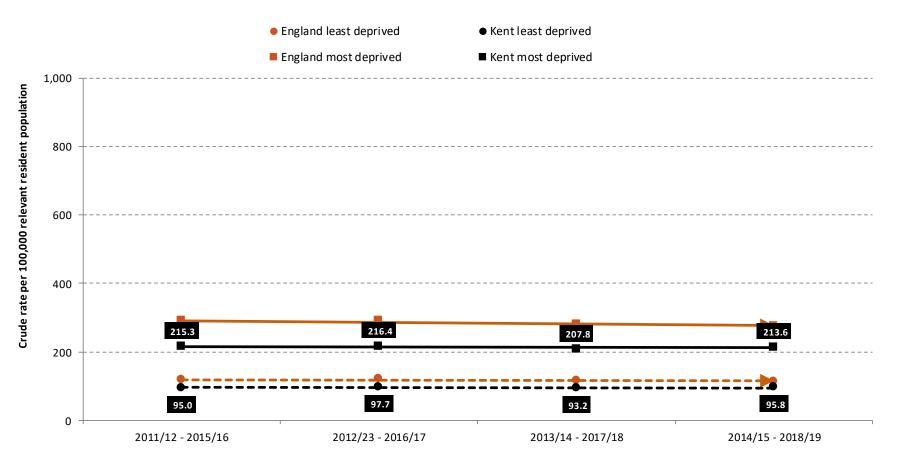
Crude rate per 100,000 children and young people aged 0-19, ICD 10: J45-J46 (primary diagnosis), 2011/12 - 2013/14 to 2016/17 - 2018/19





#### Emergency hospital admissions for asthma in children and young people aged 0-19 years: by deprivation

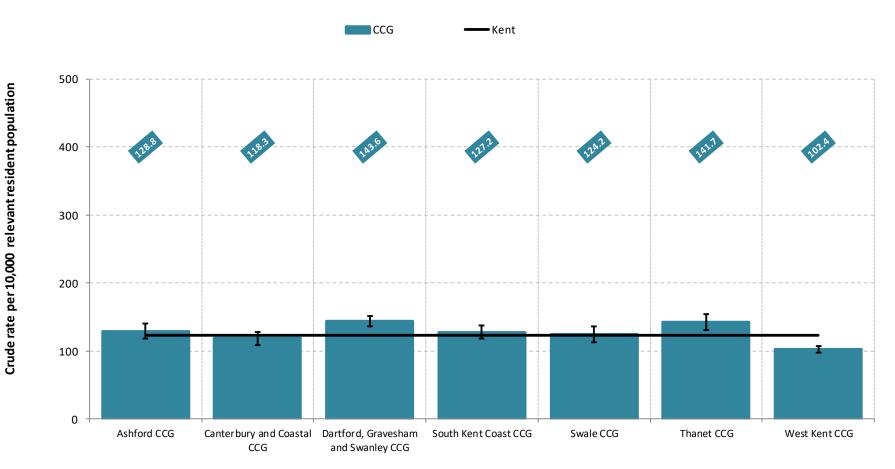
Crude rate per 100,000 children and young people aged 0-19, ICD 10: J45-J46 (primary diagnosis), 2011/12 - 2015/16 to 2014/15 - 2018/19



Least deprived trend - stable with a similar pace of change to England Most deprived trend - stable with a similar pace of change to England



#### Emergency hospital admissions caused by unintentional and deliberate injuries in children aged 0-4 years: by CCG



Crude rate per 10,000 children and young people aged 0-4, ICD 10: S00-T79, V01-Y36, 2014/15-2018/19

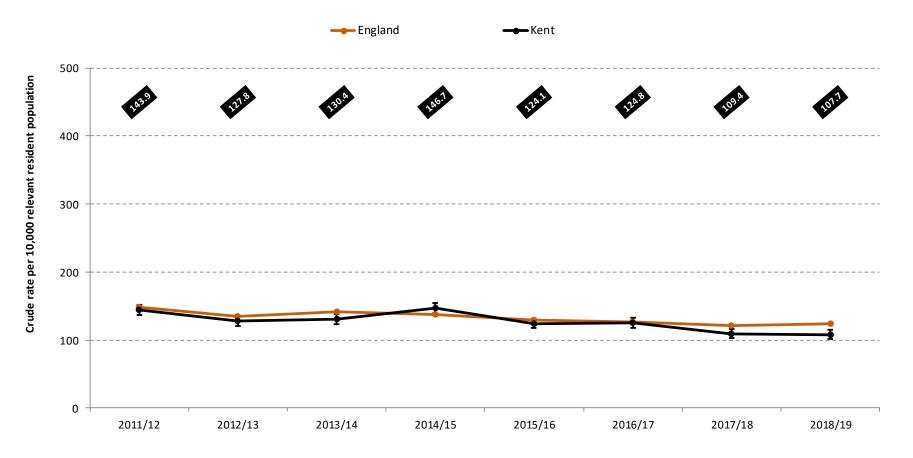
Source : Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (MP), Jan - 20



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#### Emergency hospital admissions caused by unintentional and deliberate injuries in children aged 0-4 years: trend

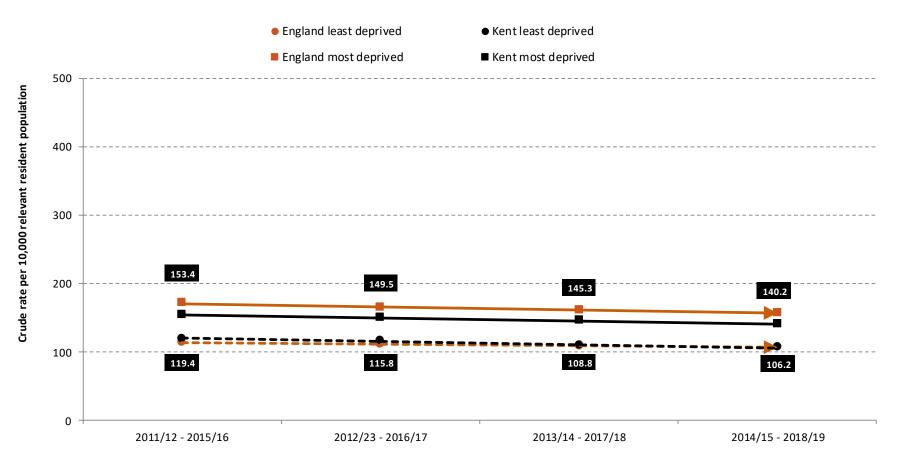
Crude rate per 10,000 children and young people aged 0-4, ICD 10: S00-T79, V01-Y36, 2011/12 to 2018/19





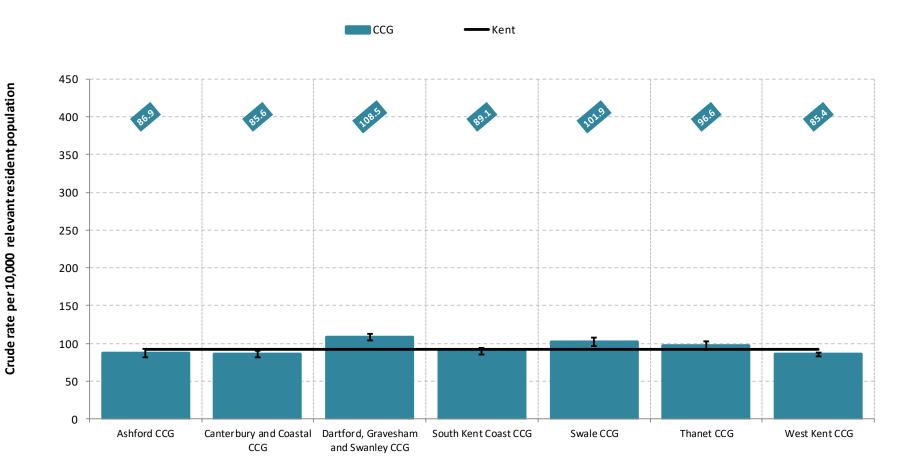
#### Emergency hospital admissions caused by unintentional and deliberate injuries in children aged 0-4 years: by deprivation

Crude rate per 10,000 children and young people aged 0-4, ICD 10: S00-T79, V01-Y36, 2011/12 - 2015/16 to 2014/15 - 2018/19



#### Least deprived trend - decreasing with a similar pace of change to England Most deprived trend - decreasing with a similar pace of change to England

#### Emergency hospital admissions caused by unintentional and deliberate injuries in children aged 0-14 years: by CCG

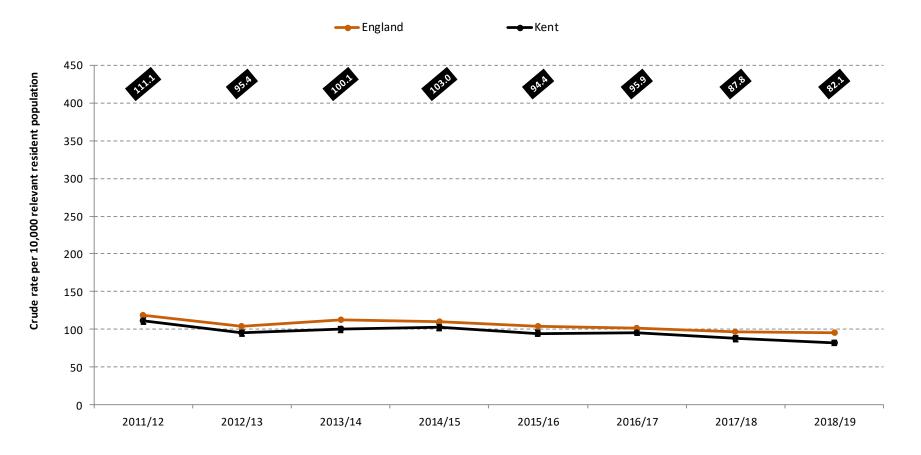


Crude rate per 10,000 children and young people aged 0-14, ICD 10: S00-T79, V01-Y36, 2014/15-2018/19



### Emergency hospital admissions caused by unintentional and deliberate injuries in children aged 0-14 years: trend

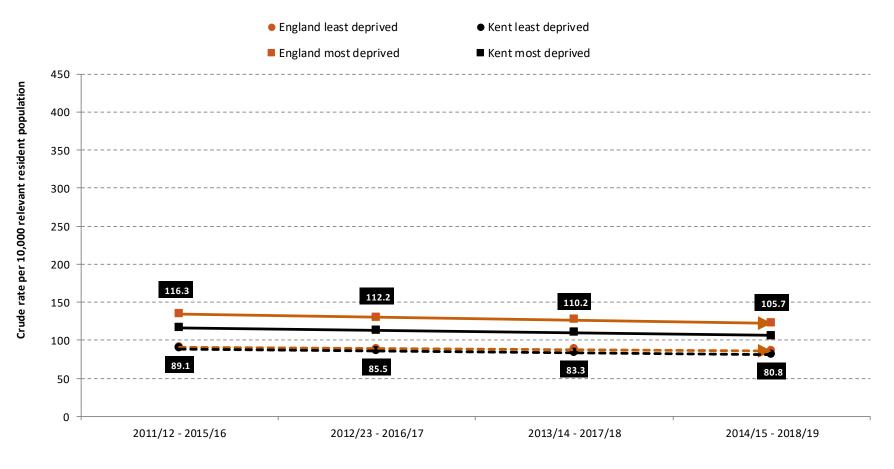
Crude rate per 10,000 children and young people aged 0-14, ICD 10: S00-T79, V01-Y36, 2011/12 to 2018/19





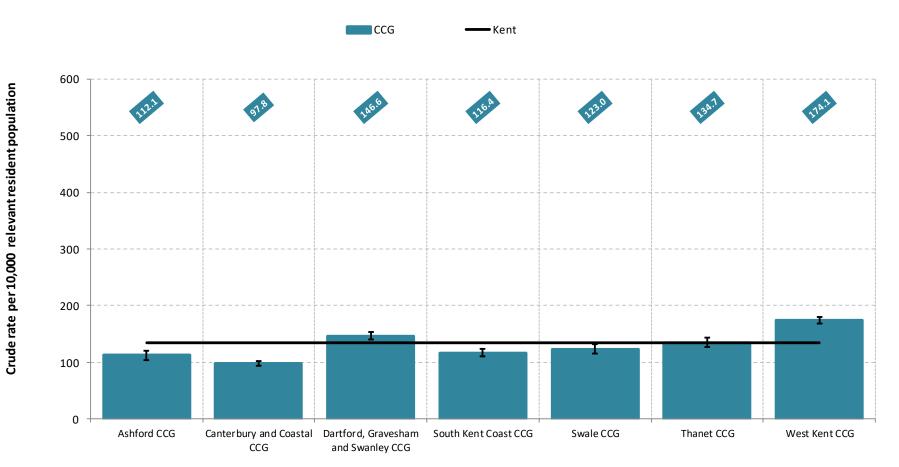
#### Emergency hospital admissions caused by unintentional and deliberate injuries in children aged 0-14 years: by deprivation

Crude rate per 10,000 children and young people aged 0-14, ICD 10: S00-T79, V01-Y36, 2011/12 - 2015/16 to 2014/15 - 2018/19



Least deprived trend - decreasing with a similar pace of change to England Most deprived trend - decreasing with a similar pace of change to England





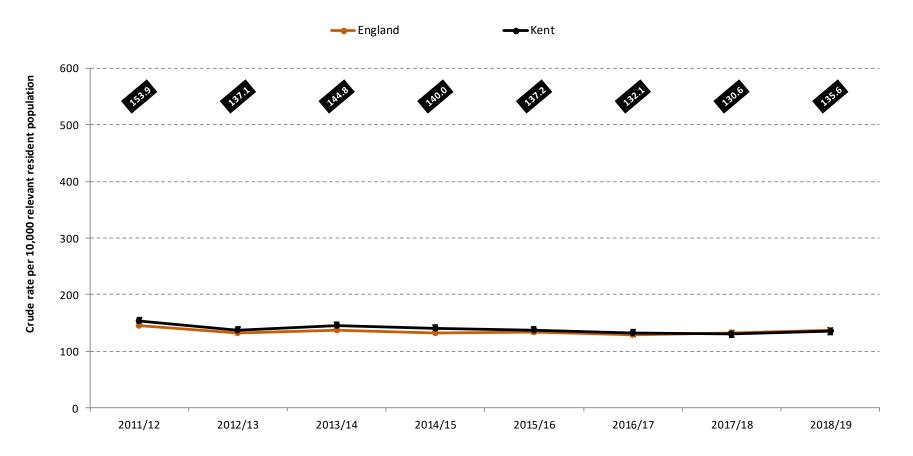
Crude rate per 10,000 children and young people aged 15-24, ICD 10: S00-T79, V01-Y36, 2014/15-2018/19

Source : Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (JS), Nov-19

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### Emergency hospital admissions caused by unintentional and deliberate injuries in children aged 15-24 years: trend

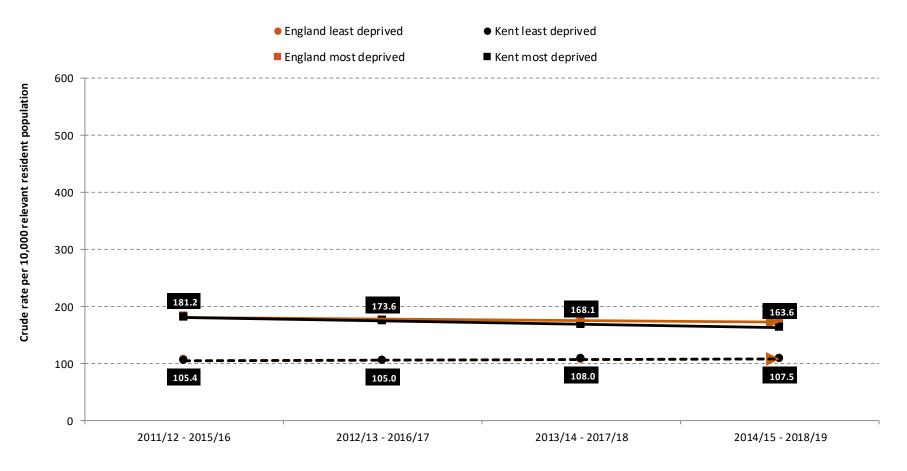
Crude rate per 10,000 children and young people aged 15-24, ICD 10: S00-T79, V01-Y36, 2011/12 to 2018/19





#### Emergency hospital admissions caused by unintentional and deliberate injuries in children aged 15-24 years: by deprivation

Crude rate per 10,000 children and young people aged 15-24, ICD 10: S00-T79, V01-Y36, 2011/12 - 2015/16 to 2014/15 - 2018/19

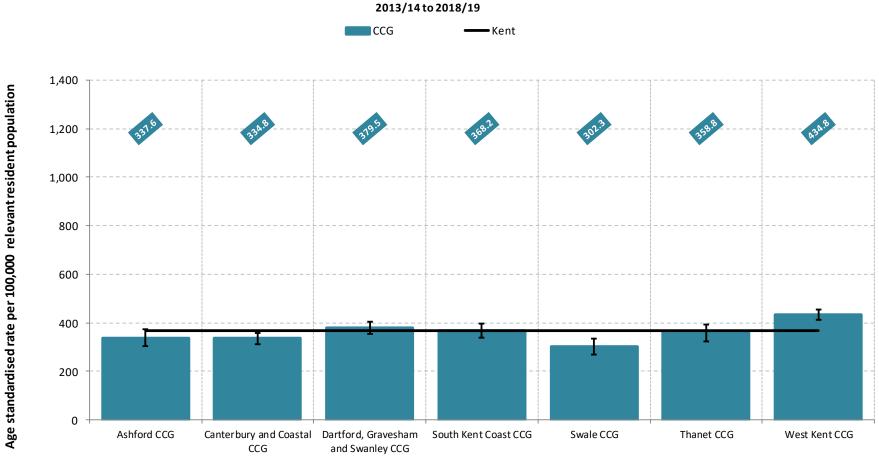


Least deprived trend - stable with a similar pace of change to England Most deprived trend - decreasing compared with a stable trend for England



## Hospital admissions for self-harm in children and young people aged 10-24 years: by CCG

Age standardised rate per 100,000 children and young people aged 10-24 years, ICD 10: X60-X84 (main recorded cause),

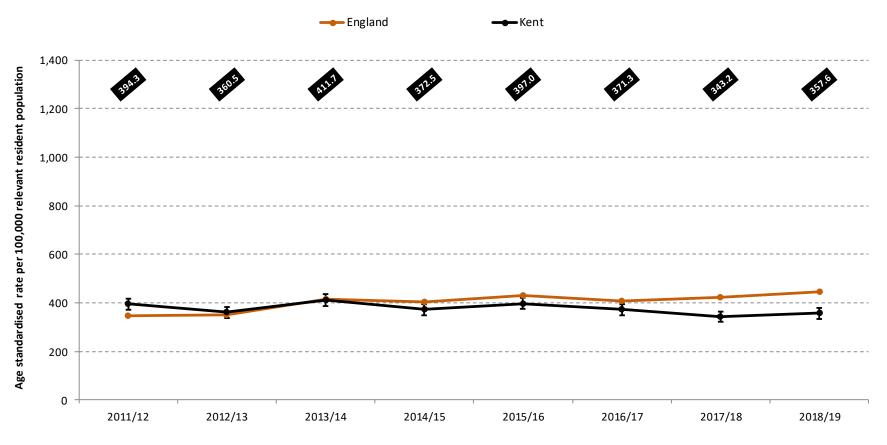




## Hospital admissions for self-harm in children and young people aged 10-24 years: trend

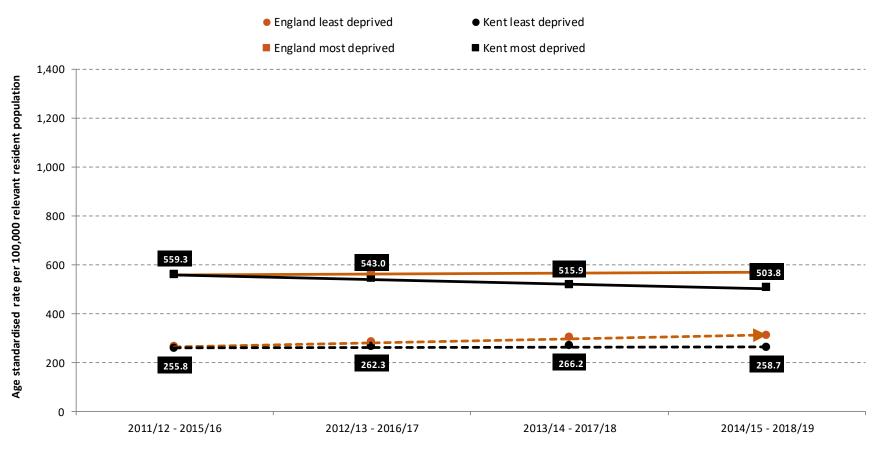
Age standardised rate per 100,000 children and young people aged 10-24 years, ICD 10: X60-X84 (main recorded cause), 2011/12 to

2018/19



### Hospital admissions for self-harm in young people aged 10-24 years: by deprivation

Age standardised rate per 100,000 children and young people aged 10-24 years, 2011/12 - 2015/16 to 2014/15 - 2018/19

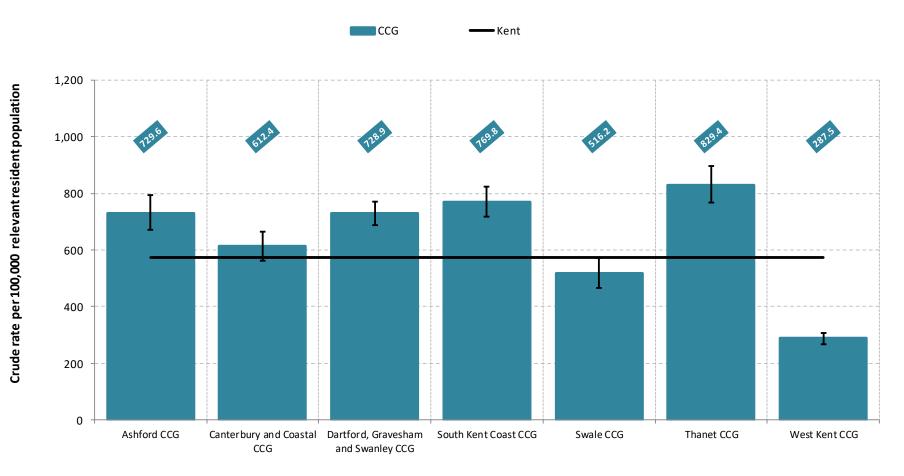


Least deprived trend - stable compared with a increasing trend for England Most deprived trend - decreasing compared with a stable trend for England



## Hospital admissions for respiratory tract infections in infants under 1: by CCG

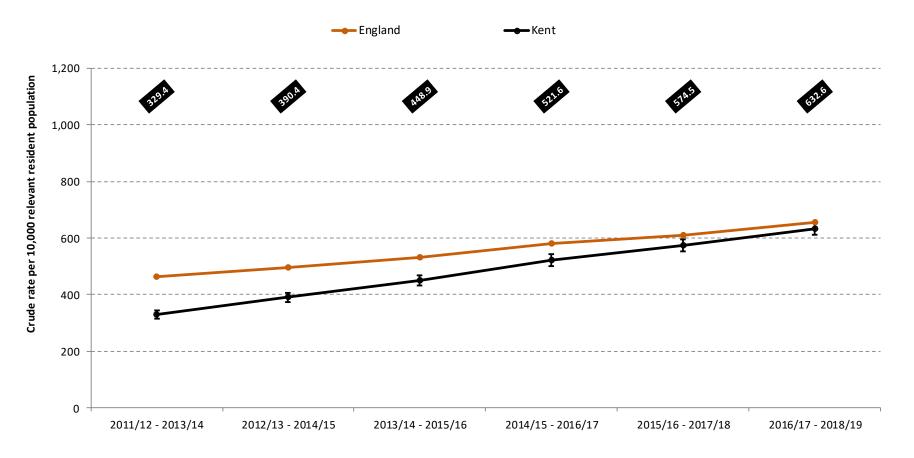
Crude rate per 10,000 resident population, ICD 10: J10, J110-1, J12-6, J180-1, J189, J21 (primary diagnosis), 2014/15-2018/19





## Hospital admissions for respiratory tract infections in infants under 1: trend

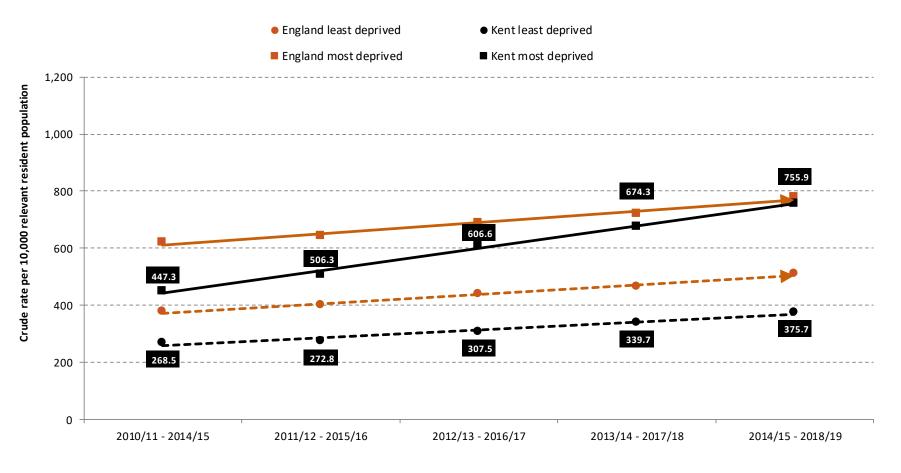
Crude rate per 10,000 resident population, ICD 10: J10, J110-1, J12-6, J180-1, J189, J21 (primary diagnosis), 2011/12 - 2013/14 to 2016/17 - 2018/19





### Hospital admissions for respiratory tract infections in infants under 1: by deprivation

Crude rate per 10,000 resident population, ICD 10: J10, J110-1, J12-6, J180-1, J189, J21 (primary diagnosis), 2010/11 - 2014/15 to 2014/15 - 2018/19

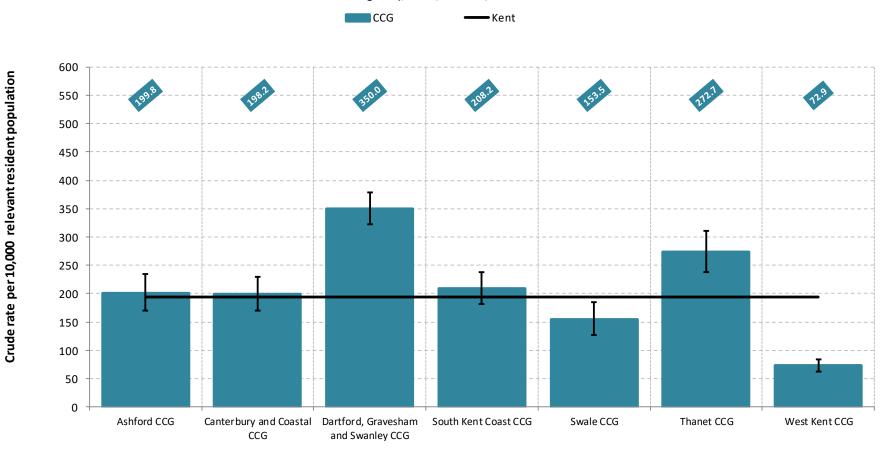


Least deprived trend - increasing with a similar pace of change to England Most deprived trend - increasing with a faster pace of change than England



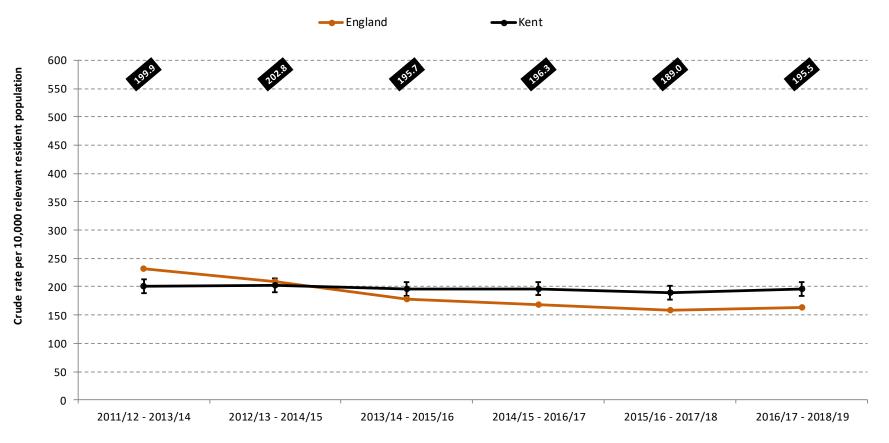
## Hospital admissions for gastroenteritis in infants under 1: by CCG

Crude rate per 10,000 resident population, ICD 10: A020, A04-5, A072, A080-1, A083-5, A09, K520-2, K528-9 (primary diagnosis), 2014/15-2018/19



## Hospital admissions for gastroenteritis in infants under 1: trend

Crude rate per 10,000 resident population, ICD 10: A020, A04-5, A072, A080-1, A083-5, A09, K520-2, K528-9 (primary diagnosis), 2011/12 - 2013/14 to 2016/17 - 2018/19



Source : Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Jan -20

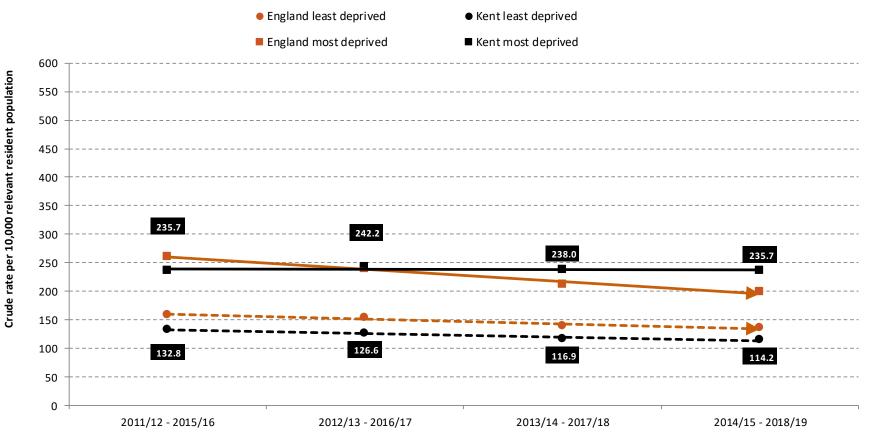


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### Hospital admissions for gastroenteritis in infants under 1: by deprivation

Crude rate per 10,000 resident population, ICD 10: A020, A04-5, A072, A080-1, A083-5, A09, K520-2, K528-9 (primary diagnosis),

2011/12 - 2015/16 to 2014/15 - 2018/19

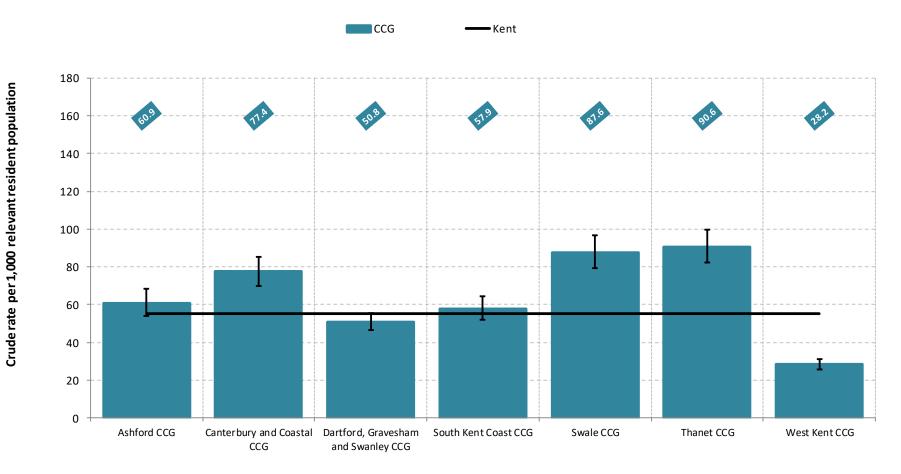


Least deprived trend - decreasing with a similar pace of change to England Most deprived trend - stable compared with a decreasing trend for England



# Emergency admissions of babies to hospital within 14 days of birth: by CCG

Crude rate per 1,000 relevant resident population, 2016/17-2018/19



Source : Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Jan -20

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## Emergency admissions of babies to hospital within 14 days of birth: trend

Crude rate per 1,000 live births, 2011/12 - 2013/14 to 2016/17 - 2018/19

