KENT PUBLIC HEALTH OBSERVATORY

Living Well: Specific Conditions

Living Well in Kent (Districts)

Contents

Overview

Cardiovascular disease

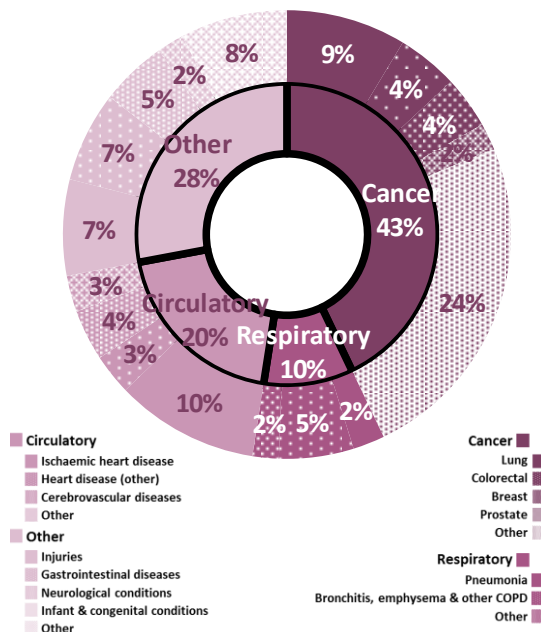Cancer

Respiratory disease

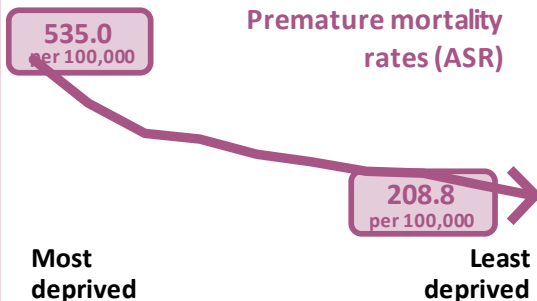Mental health

User guide

Living Well: Kent

PREMATURE DEATHS
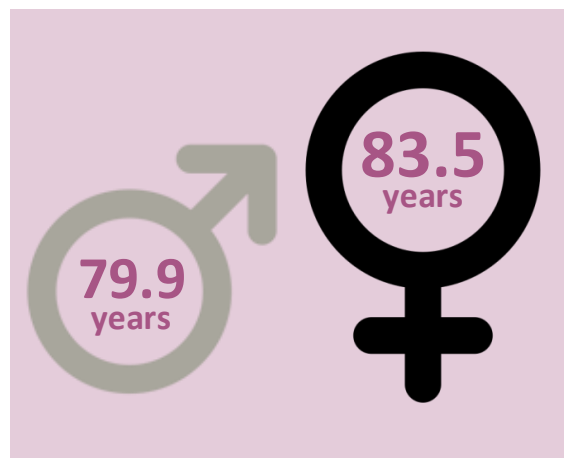### (under 75 years)

Cause of death

9% | 4% | 4%
8% | 2% | 5%
Other 28% | Cancer 43%
7% | 7% | 24%
3% | 4% | 3%
Circulatory 20% | Respiratory 10%
10% | 2% | 5% | 2%

Circulatory
- Ischaemic heart disease
- Heart disease (other)
- Cerebrovascular diseases
- Other

Other
- Injuries
- Gastrointestinal diseases
- Neurological conditions
- Infant & congenital conditions
- Other

Cancer
- Lung
- Colorectal
- Breast
- Prostate
- Other

Respiratory
- Pneumonia
- Bronchitis, emphysema & other COPD
- Other

Inequalities by deprivation

Premature mortality rates (ASR)

535.0 per 100,000

208.8 per 100,000

Most deprived | **Least deprived**

LIFE EXPECTANCY
at birth

83.5 years

79.9 years

Ward-level life expectancy (men)

Highest — 89.9 Riverview

79.9 Kent

Lowest — 71.2 Cliftonville West
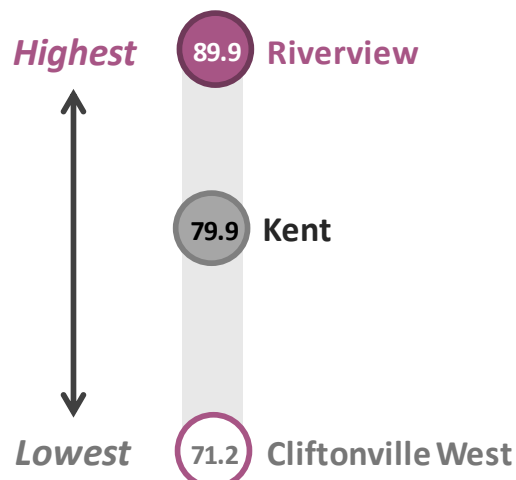
LONG TERM CONDITIONS
recorded prevalence

Diabetes
6.8%
Ages 17+

Hypertension
14.7%
All ages

Asthma
5.6%
All ages

COPD
2.1%
All ages

MENTAL HEALTH

Depression

11.2%
Of adults recorded by their GP as having depression

Emergency hospital admissions for serious mental health conditions

2,646
in 2018/19

Cardiovascular disease

Premature mortality & hospital admissions

Atrial fibrillation

Coronary heart disease (CHD)

Heart failure

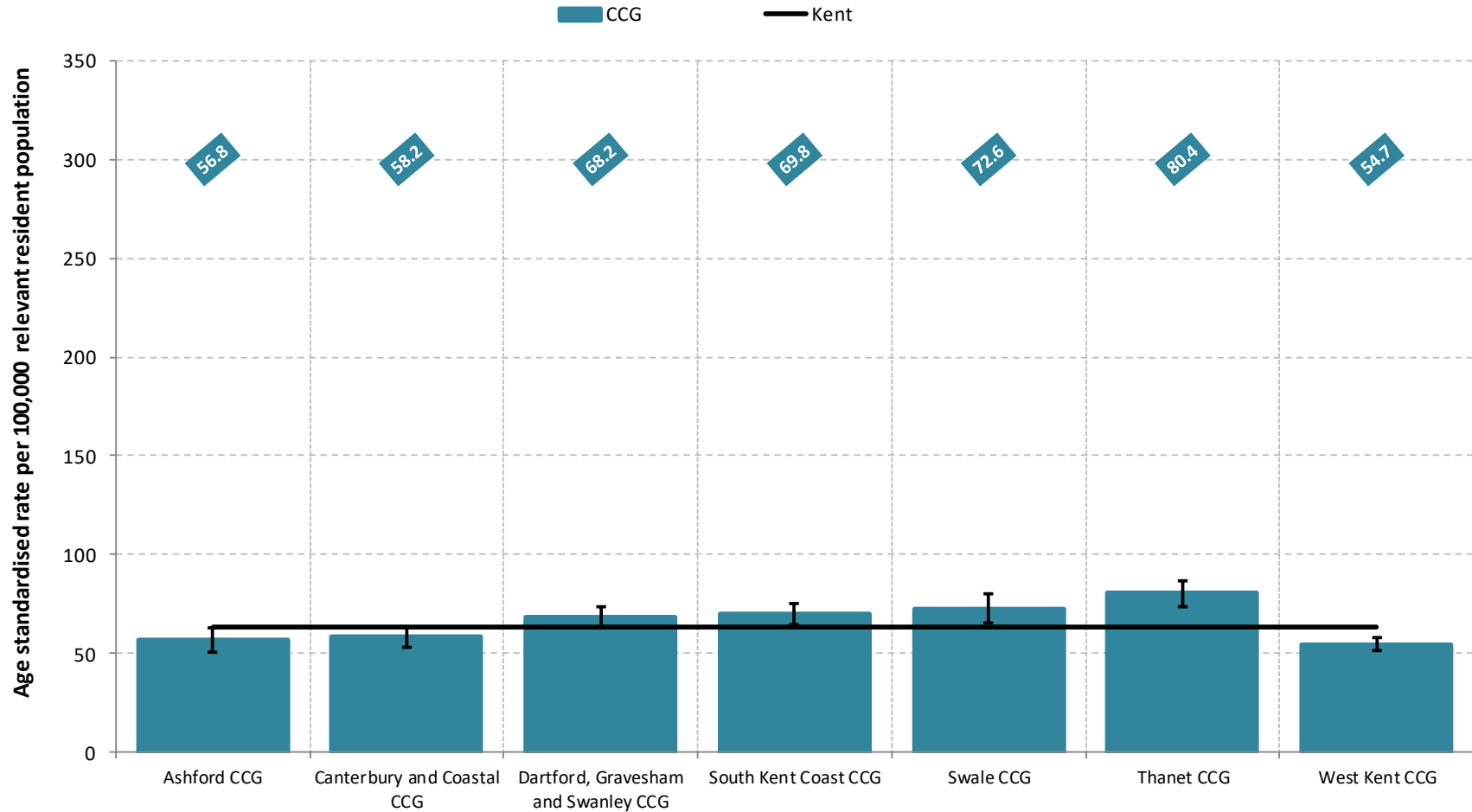Acute myocardial infarction

Revascularisation

Stroke

Diabetes

Chronic Kidney disease (CKD)

Hypertension

Premature mortality from cardiovascular disease: by CCG

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: I00-I99), 2013-2017

Legend: CCG | Kent

CCG	Rate
Ashford CCG	56.8
Canterbury and Coastal CCG	58.2
Dartford, Gravesham and Swanley CCG	68.2
South Kent Coast CCG	69.8
Swale CCG	72.6
Thanet CCG	80.4
West Kent CCG	54.7

Y-axis: Age standardised rate per 100,000 relevant resident population

Premature mortality from cardiovascular disease: trend

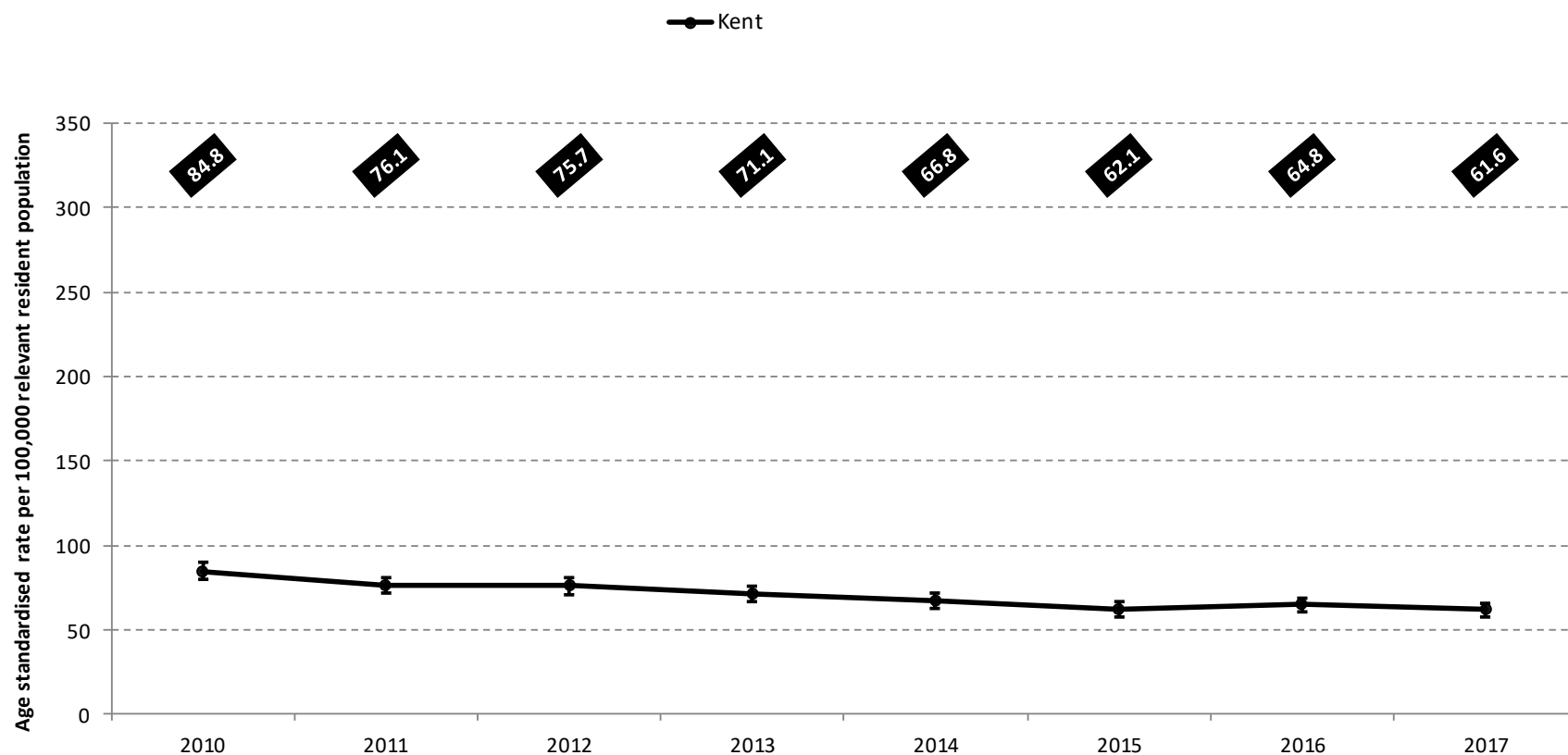**Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: I00-I99), 2010 to 2017**
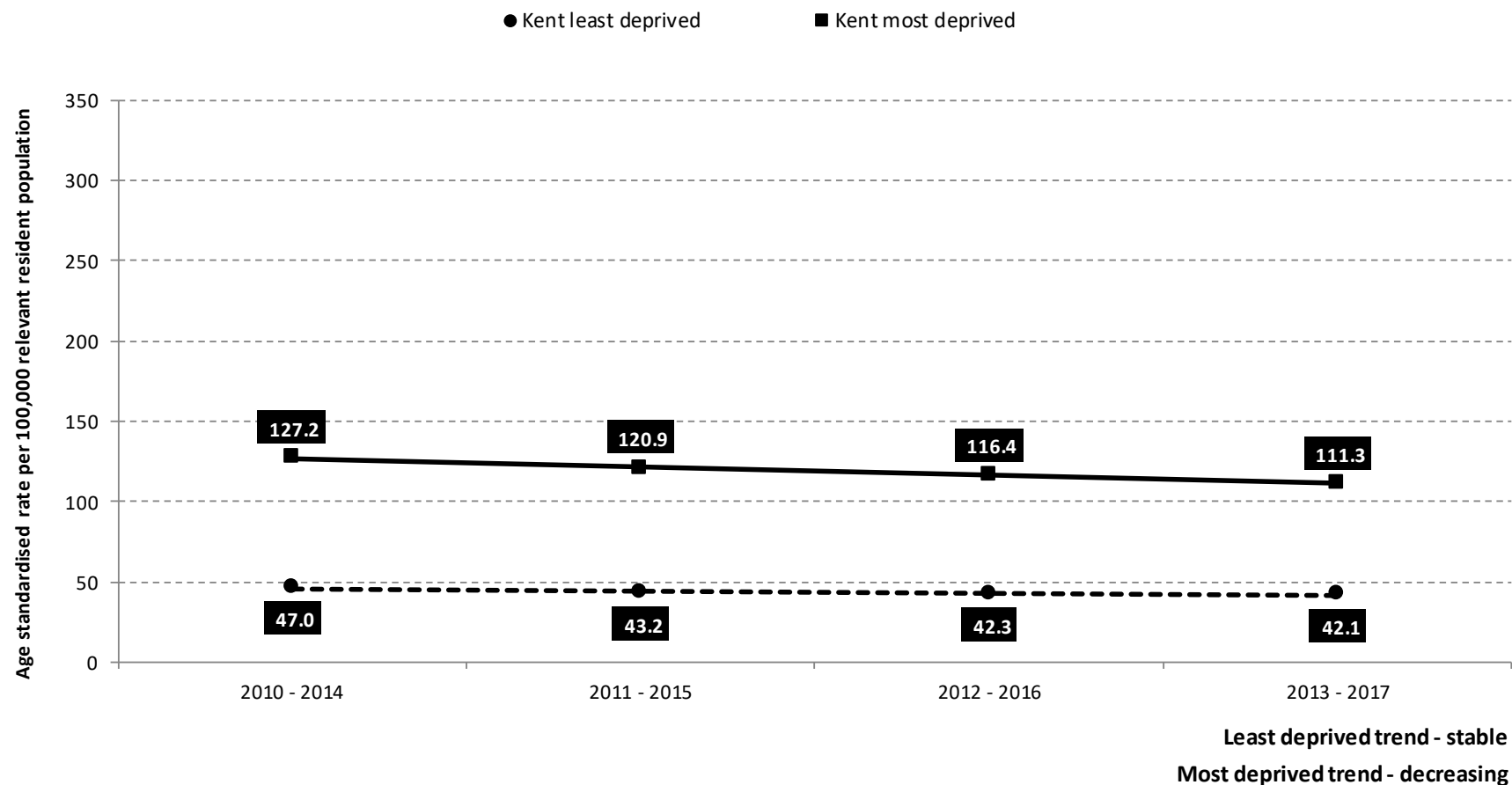

Source: PCMD, prepared by KPHO (RK), Nov-18

Premature mortality from cardiovascular disease: by deprivation

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: I00-I99), 2010 - 2014 to 2013 - 2017

● Kent least deprived　　■ Kent most deprived

Least deprived trend - stable

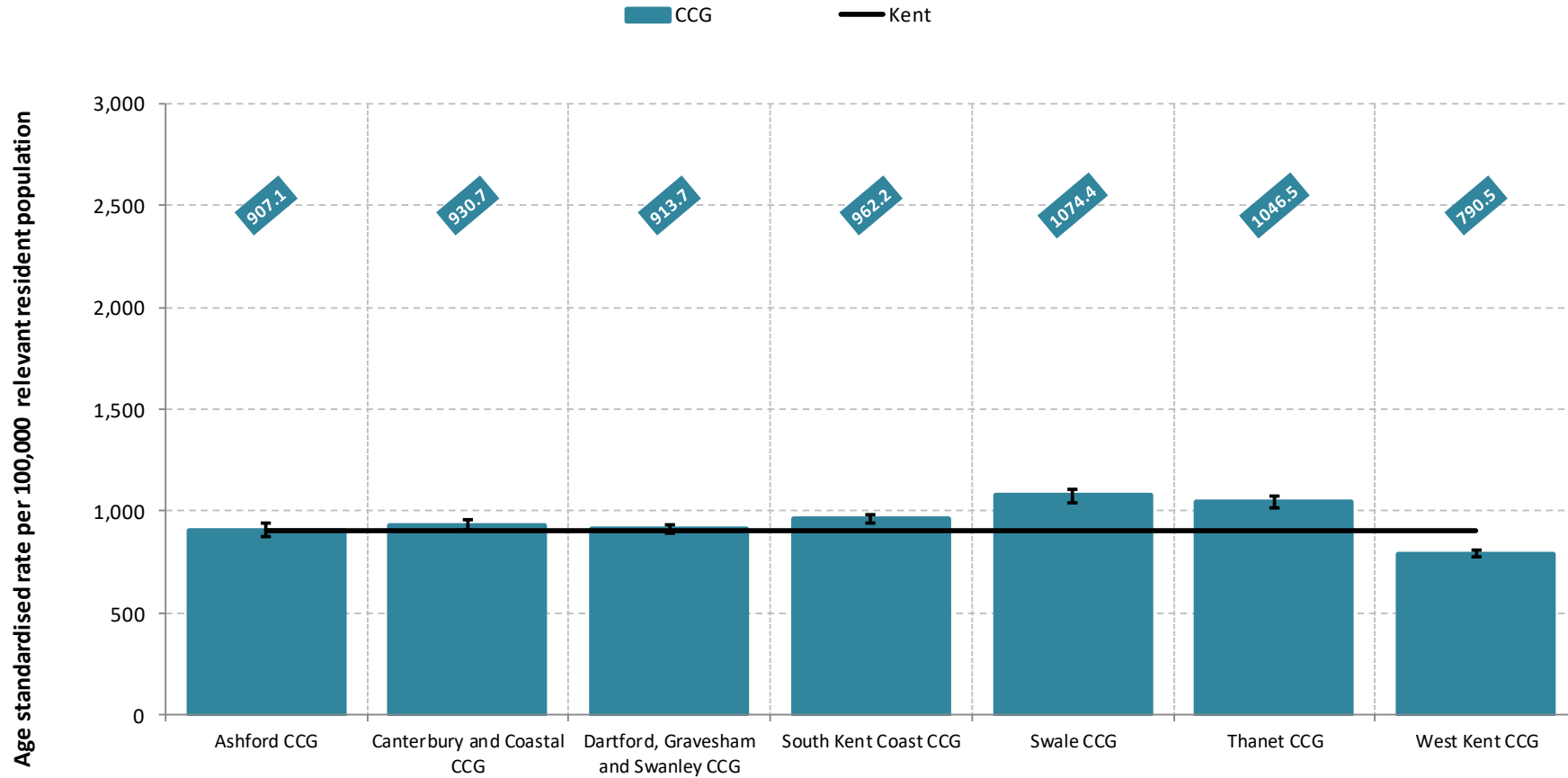**Most deprived trend - decreasing**

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

Emergency hospital admissions for cardiovascular disease: by CCG

Age standardised rate per 100,000 resident population, ICD-10: I00-I99 in primary, 2016/17-2018/19

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

Emergency hospital admissions for cardiovascular disease: trend

Age standardised rate per 100,000 resident population, ICD-10: I00-I99 in primary, 2010/11 to 2018/19
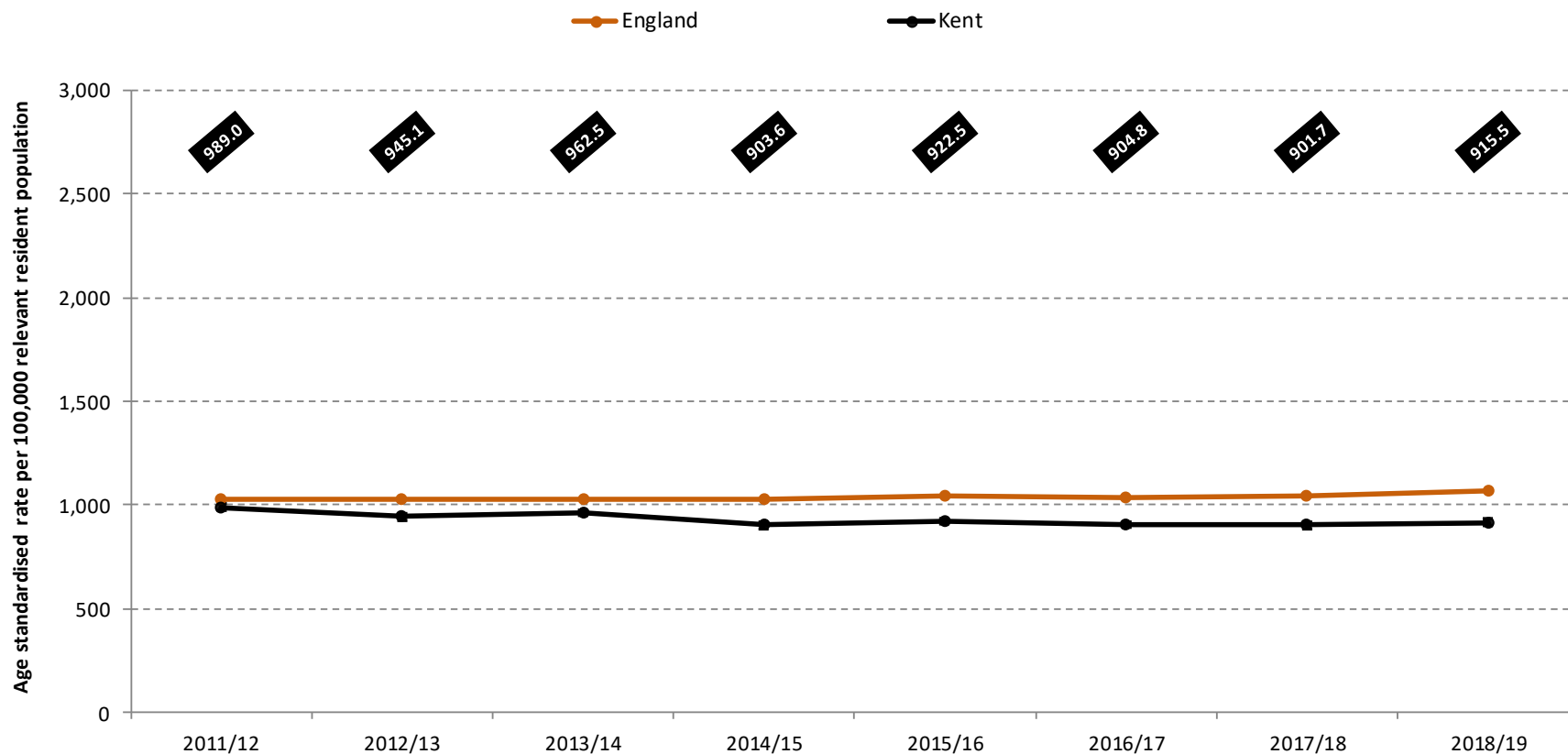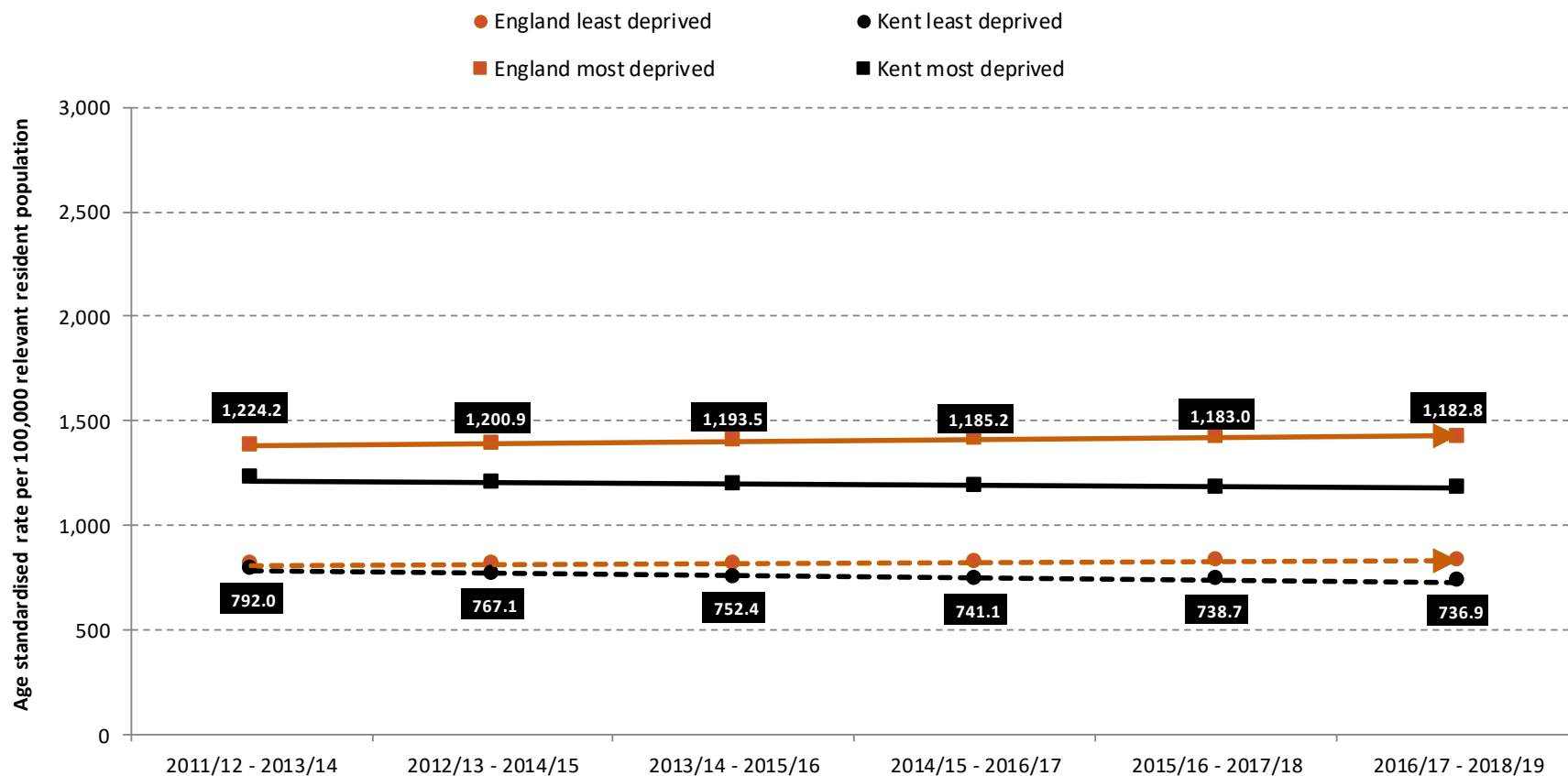

Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (SR), Dec-19

Emergency hospital admissions for cardiovascular disease: by deprivation

Age standardised rate per 100,000 resident population, ICD-10: I00-I99 in primary, 2010/11 - 2012/13 to 2016/17 - 2018/19

Legend:
- ● England least deprived
- ● Kent least deprived
- ■ England most deprived
- ■ Kent most deprived

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 3,000)

Kent most deprived data points:
- 1,224.2
- 1,200.9
- 1,193.5
- 1,185.2
- 1,183.0
- 1,182.8

Kent least deprived data points:
- 792.0
- 767.1
- 752.4
- 741.1
- 738.7
- 736.9

X-axis categories:
2011/12 - 2013/14 | 2012/13 - 2014/15 | 2013/14 - 2015/16 | 2014/15 - 2016/17 | 2015/16 - 2017/18 | 2016/17 - 2018/19

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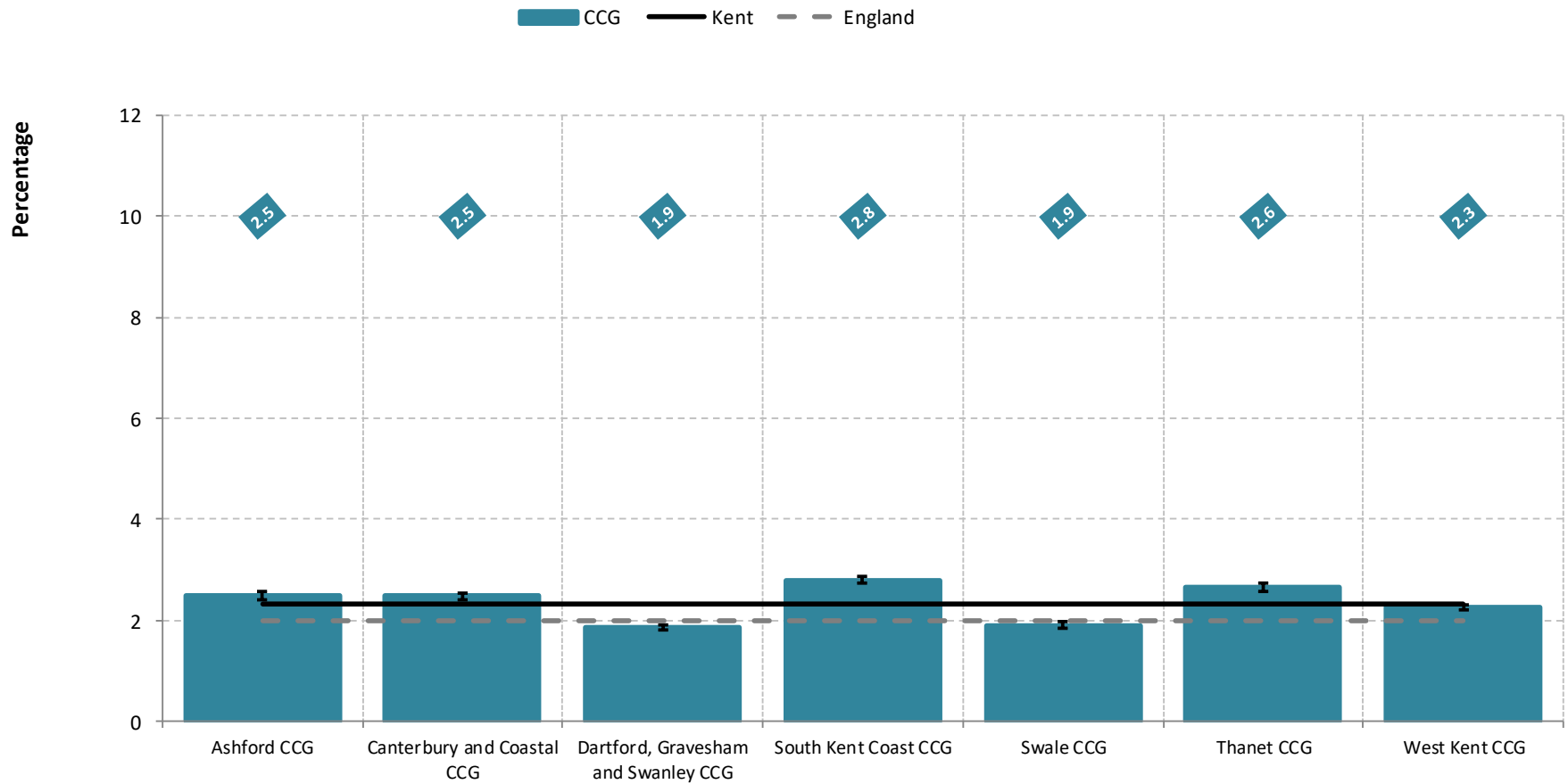
Most deprived trend - decreasing compared with a increasing trend for England

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

Recorded atrial fibrillation prevalence: by CCG

Percentage of patients recorded on GP QOF registers as having atrial fibrillation, 2018/19
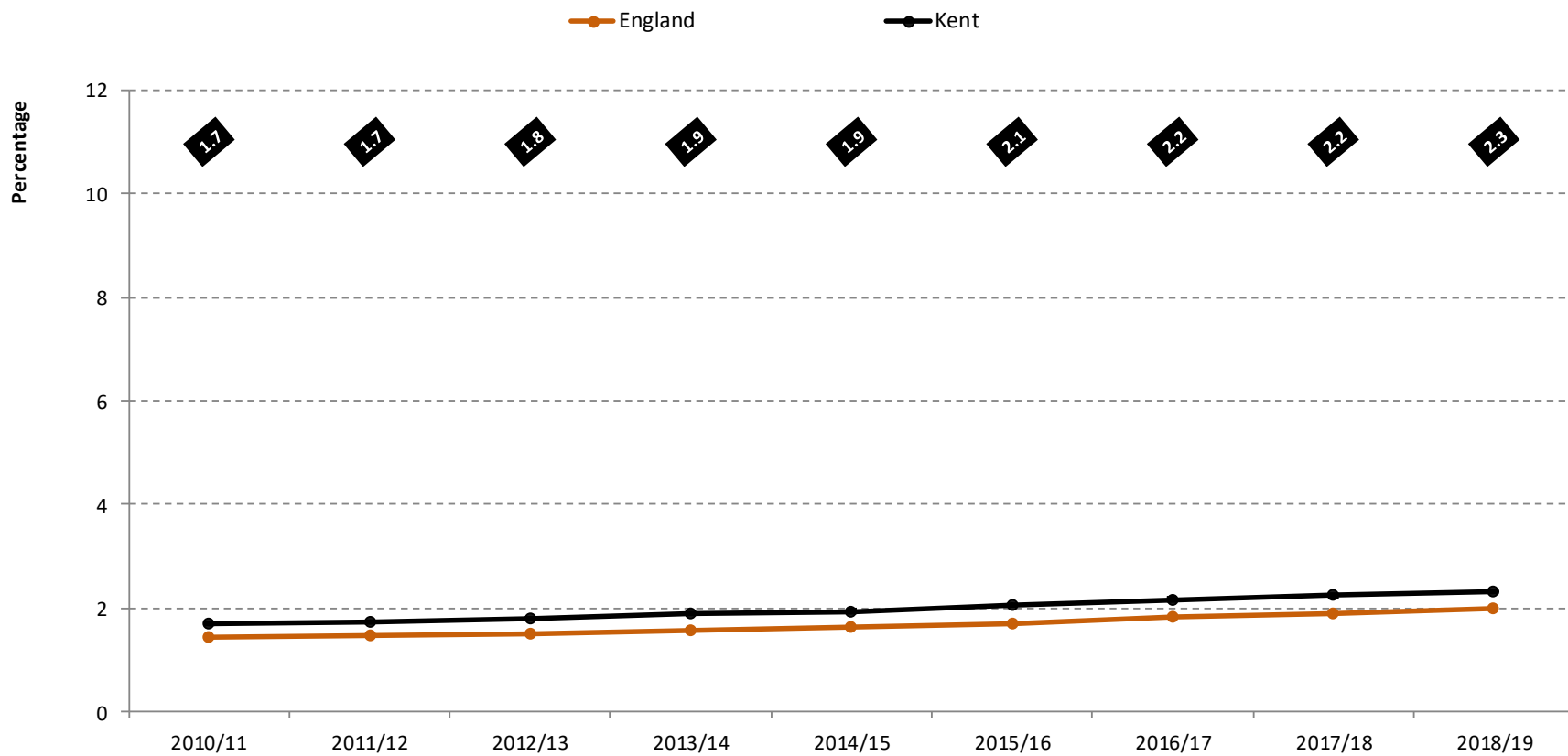

Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded atrial fibrillation prevalence: trend

Percentage of patients recorded on GP QOF registers as having atrial fibrillation, 2010/11 to 2018/19

Increasing with a similar pace of change to England

Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded CHD prevalence: by CCG

Percentage of patients recorded on GP QOF registers as having coronary heart disease, 2018/19

Legend: CCG — Kent — England

Data labels on chart:
- Ashford CCG: 2.9
- Canterbury and Coastal CCG: 3.1
- Dartford, Gravesham and Swanley CCG: 2.5
- South Kent Coast CCG: 3.6
- Swale CCG: 2.9
- Thanet CCG: 3.6
- West Kent CCG: 2.6
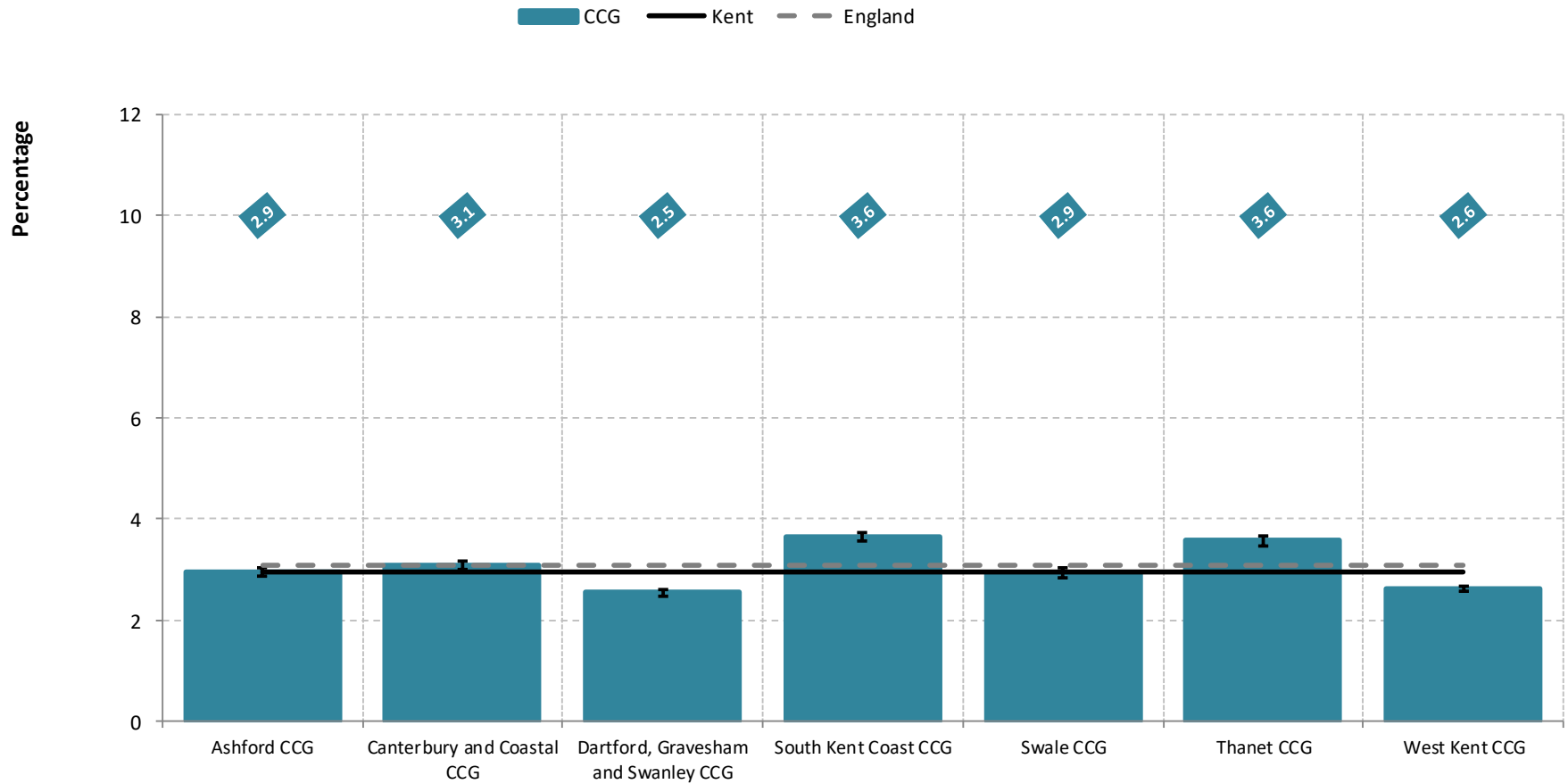
Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded CHD prevalence: trend

Percentage of patients recorded on GP QOF registers as having coronary heart disease, 2010/11 to 2018/19
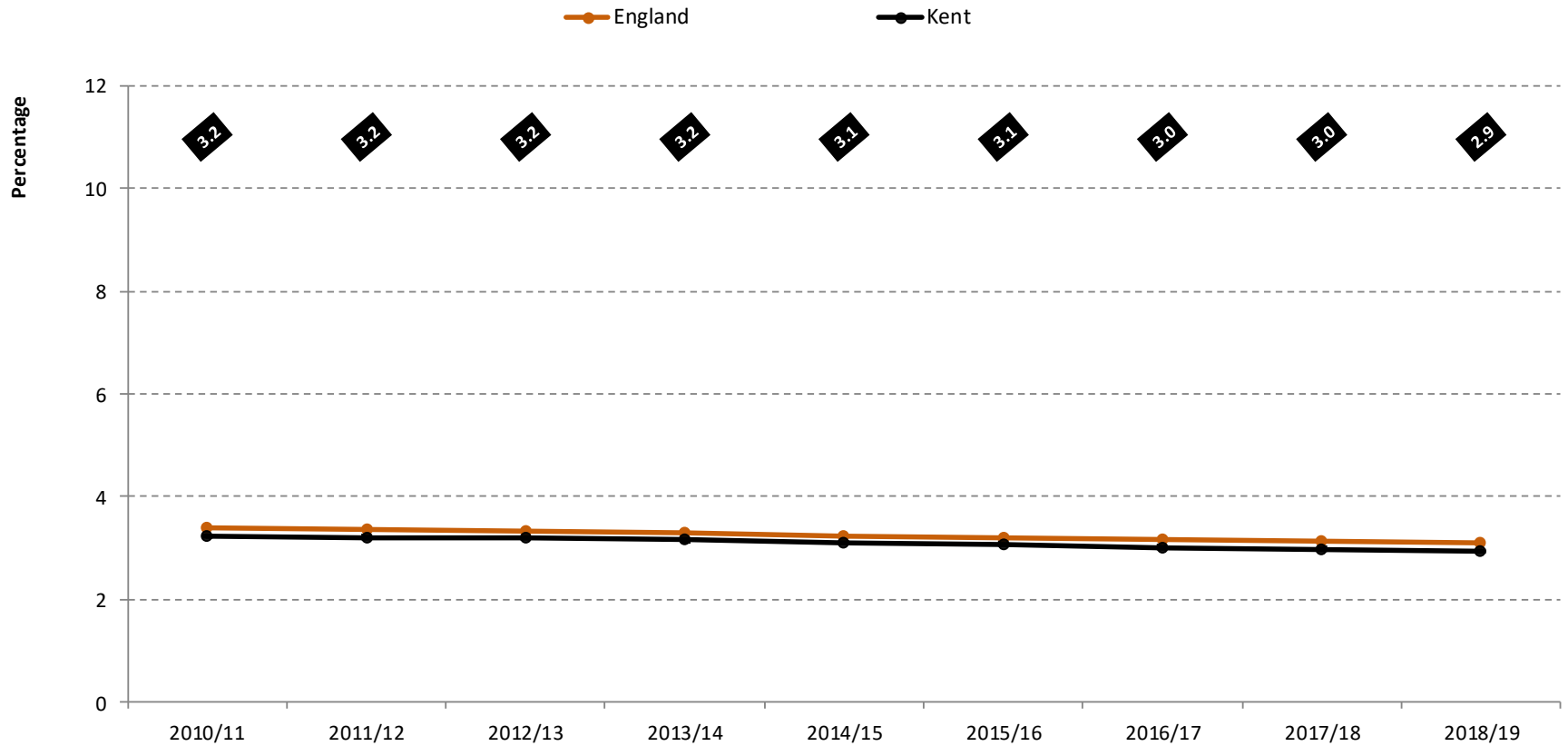
Legend: England, Kent

Year	Value
2010/11	3.2
2011/12	3.2
2012/13	3.2
2013/14	3.2
2014/15	3.1
2015/16	3.1
2016/17	3.0
2017/18	3.0
2018/19	2.9

Decreasing with a similar pace of change to England

Source: QOF, prepared by KPHO (ZC), Dec-19

Hospital admissions for Coronary Heart Disease (CHD): by CCG

Age standardised rate per 100,000 resident population, ICD-10: I20-I25 (primary diagnosis), 2016/17-2018/19
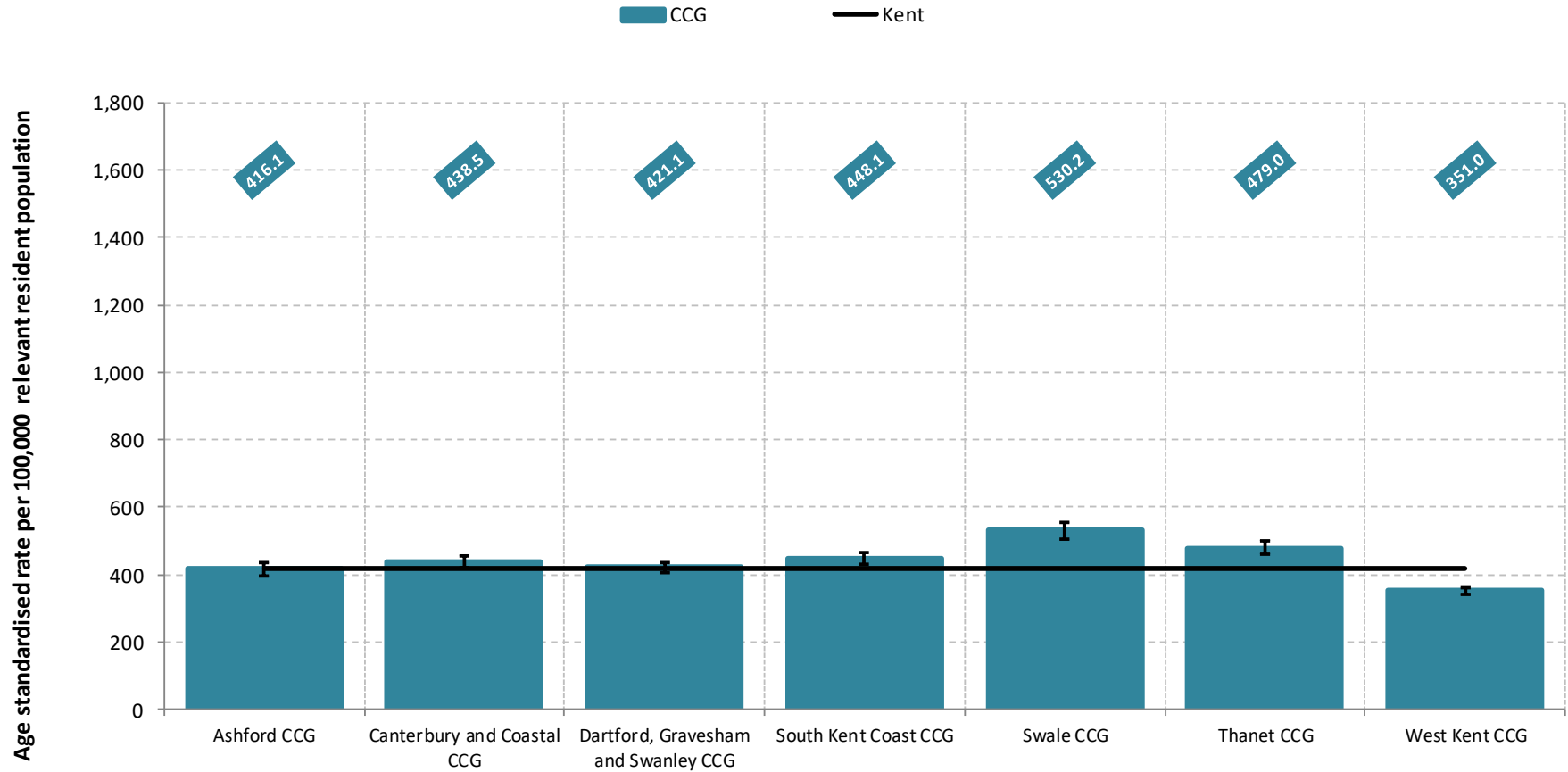
Legend: CCG (bar), Kent (line)

CCG	Rate
Ashford CCG	416.1
Canterbury and Coastal CCG	438.5
Dartford, Gravesham and Swanley CCG	421.1
South Kent Coast CCG	448.1
Swale CCG	530.2
Thanet CCG	479.0
West Kent CCG	351.0

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 1,800)

Hospital admissions for Coronary Heart Disease (CHD): trend

Age standardised rate per 100,000 resident population, ICD-10: I20-I25 (primary diagnosis), 2011/12 - 2013/14 to 2016/17 - 2018/19

Legend: England, Kent

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 1,800)

Kent data labels: 512.3, 488.4, 473.9, 458.3, 440.7, 419.4

X-axis categories: 2011/12 - 2013/14, 2012/13 - 2014/15, 2013/14 - 2015/16, 2014/15 - 2016/17, 2015/16 - 2017/18, 2016/17 - 2018/19
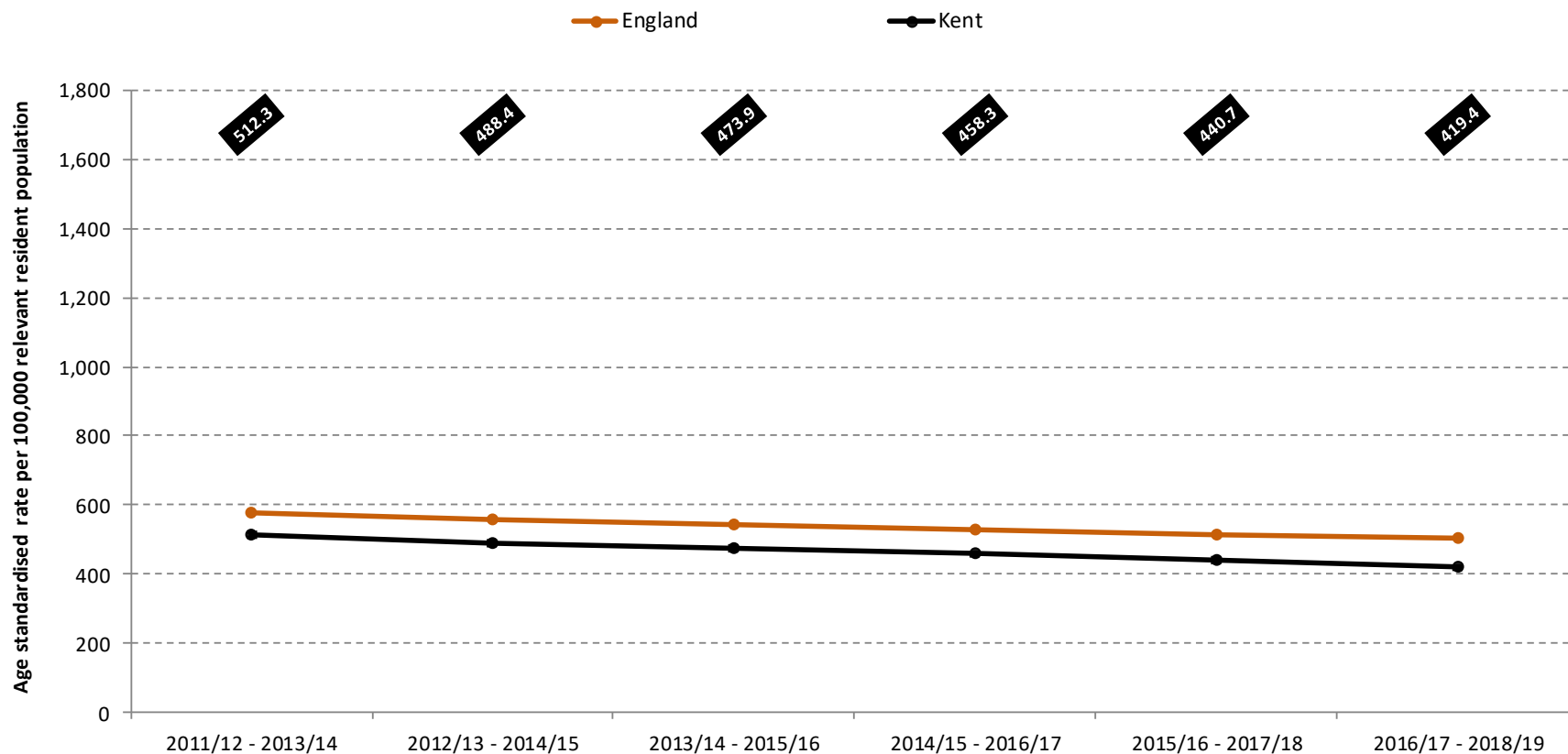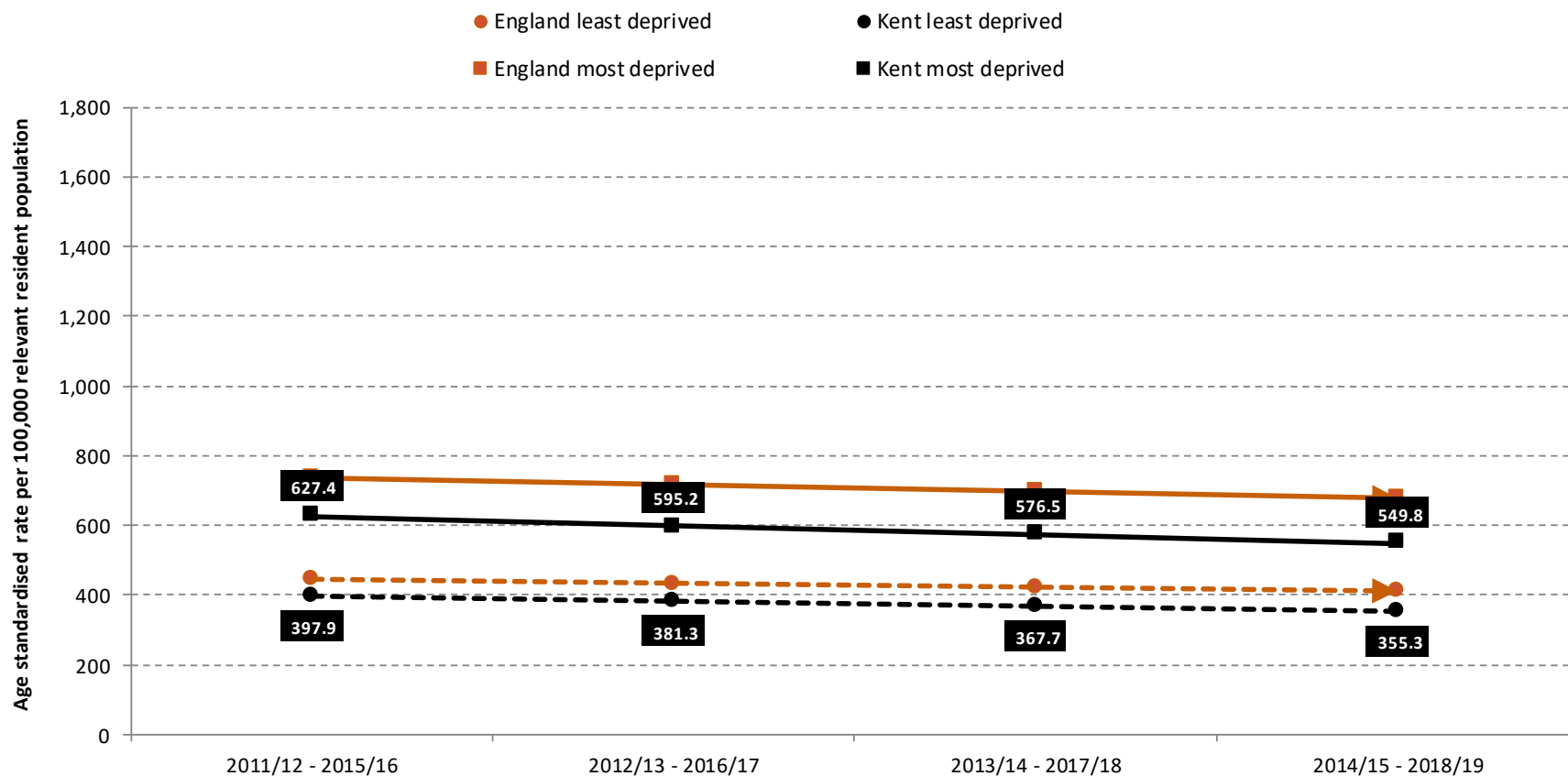
Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Dec-19

Hospital admissions for Coronary Heart Disease (CHD): by deprivation

Age standardised rate per 100,000 resident population, ICD-10: I20-I25 (primary diagnosis), 2011/12 - 2015/16 to 2014/15 - 2018/19

Legend:
- ● England least deprived
- ● Kent least deprived
- ■ England most deprived
- ■ Kent most deprived

Y-axis: **Age standardised rate per 100,000 relevant resident population** (0 to 1,800)

X-axis categories: 2011/12 - 2015/16, 2012/13 - 2016/17, 2013/14 - 2017/18, 2014/15 - 2018/19

Kent most deprived data labels: 627.4, 595.2, 576.5, 549.8

Kent least deprived data labels: 397.9, 381.3, 367.7, 355.3

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

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

Recorded prevalence of heart failure: by CCG

Percentage of patients recorded on GP QOF registers as having heart failure, 2018/19

Legend: CCG ▬ Kent ▬ ▬ England

Percentage (y-axis, 0.0 to 3.0)

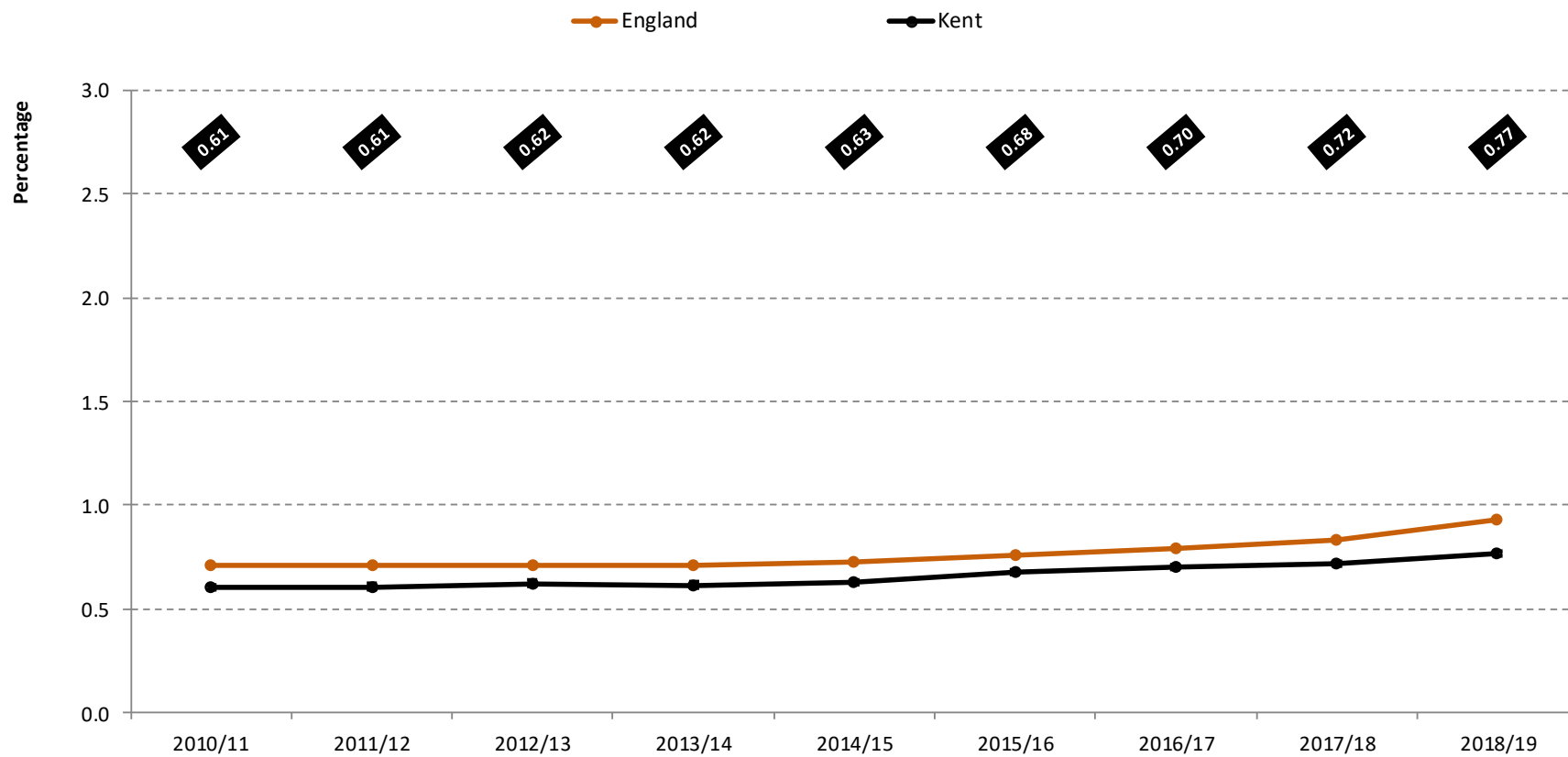| CCG	Value
Ashford CCG	0.69
Canterbury and Coastal CCG	0.76
Dartford, Gravesham and Swanley CCG	0.58
South Kent Coast CCG	0.83
Swale CCG	0.94
Thanet CCG	1.06
West Kent CCG	0.75
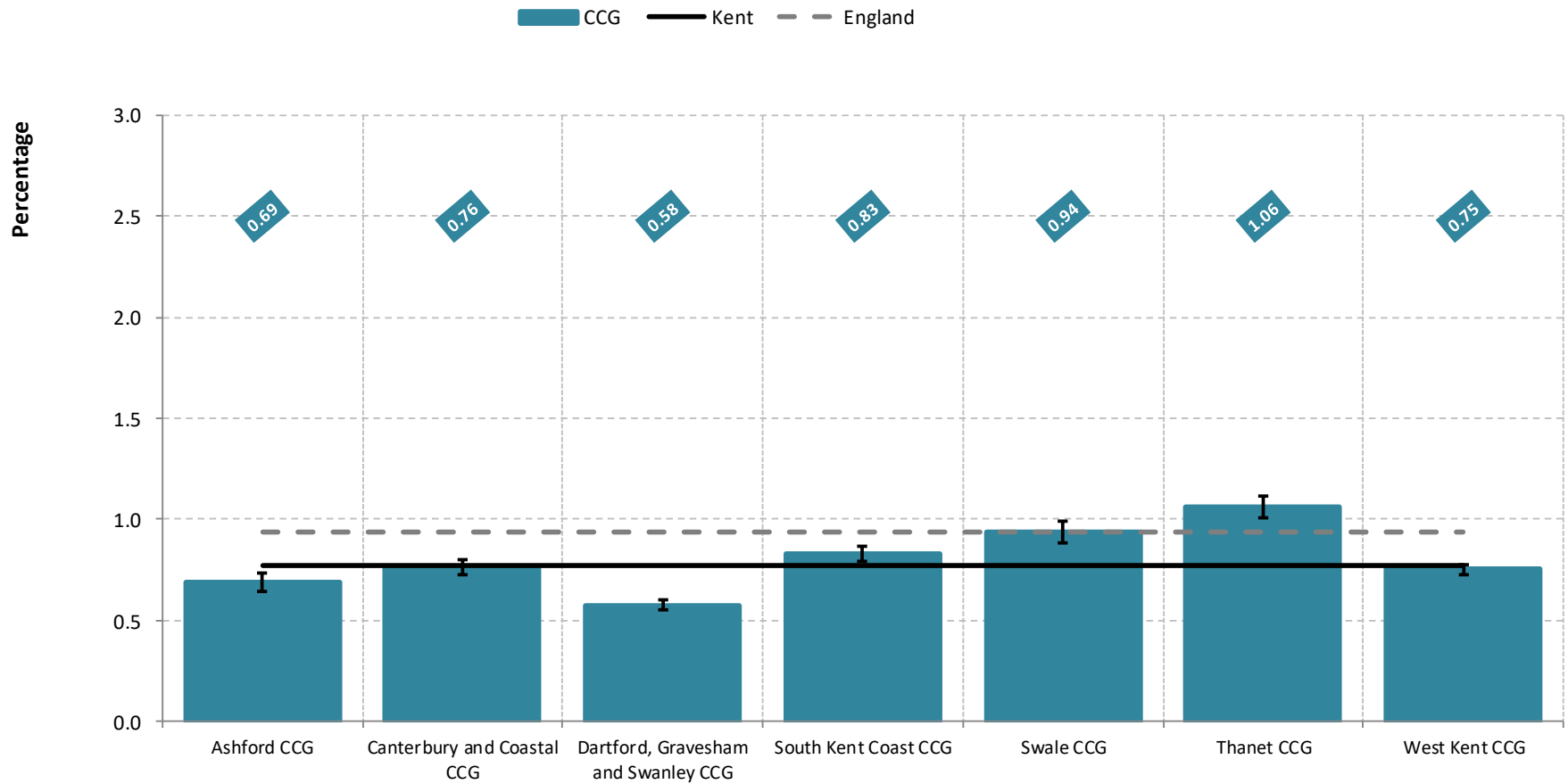
Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded prevalence of heart failure: trend

Percentage of patients recorded on GP QOF registers as having heart failure, 2010/11 to 2018/19
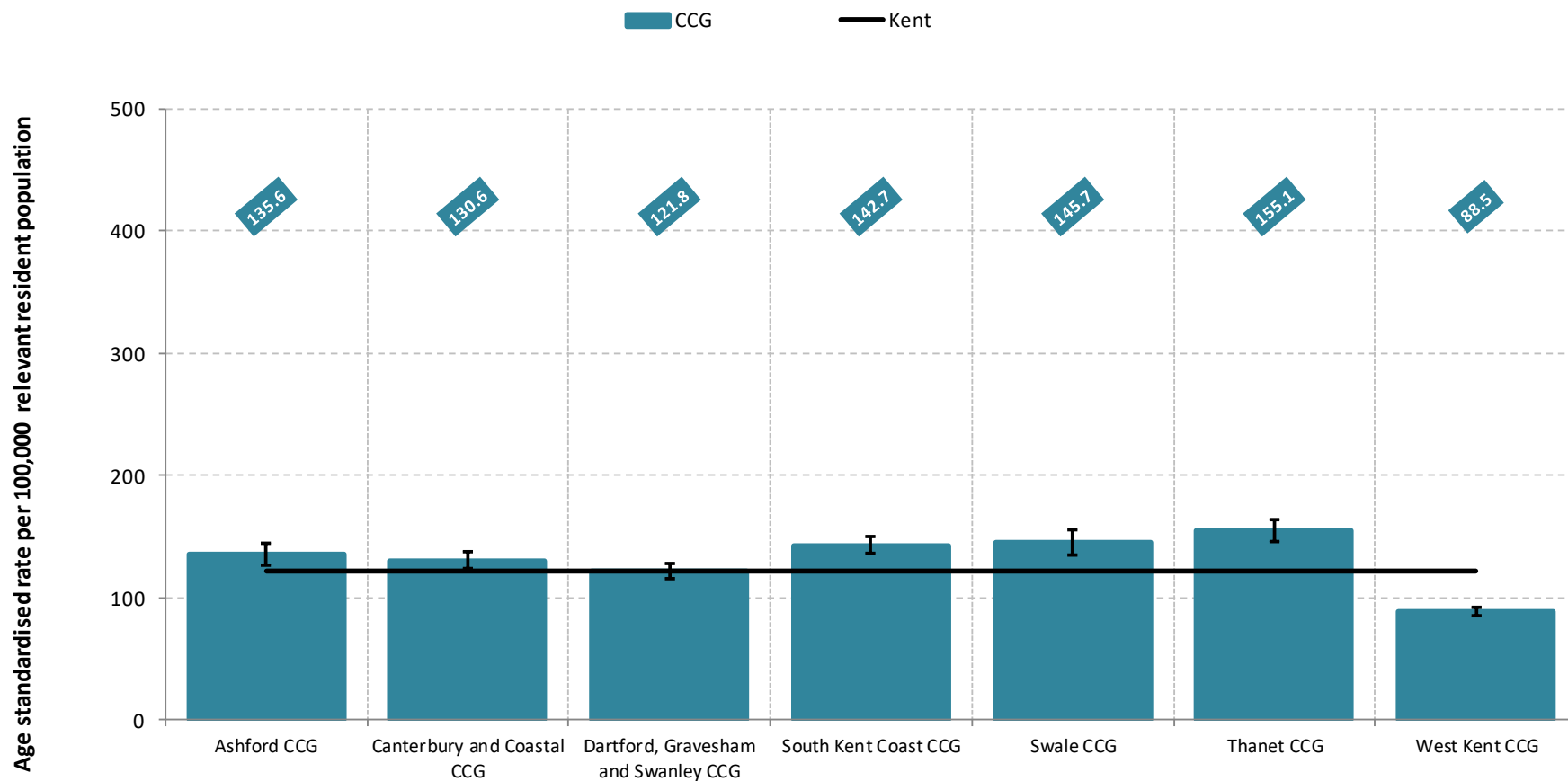

Increasing with a similar pace of change to England

Source: QOF, prepared by KPHO (ZC), Dec-19

Emergency hospital admissions for acute myocardial infarction: by CCG

Age standardised rate per 100,000 resident population, ICD 10: I21 (primary diagnosis) , 2014/15-2018/19

Legend: CCG ▬ Kent

CCG	Rate
Ashford CCG	135.6
Canterbury and Coastal CCG	130.6
Dartford, Gravesham and Swanley CCG	121.8
South Kent Coast CCG	142.7
Swale CCG	145.7
Thanet CCG	155.1
West Kent CCG	88.5

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

Emergency hospital admissions for acute myocardial infarction: trend

Age standardised rate per 100,000 resident population, ICD 10: I21 (primary diagnosis) , 2011/12 - 2015/16 to 2014/15 - 2018/19
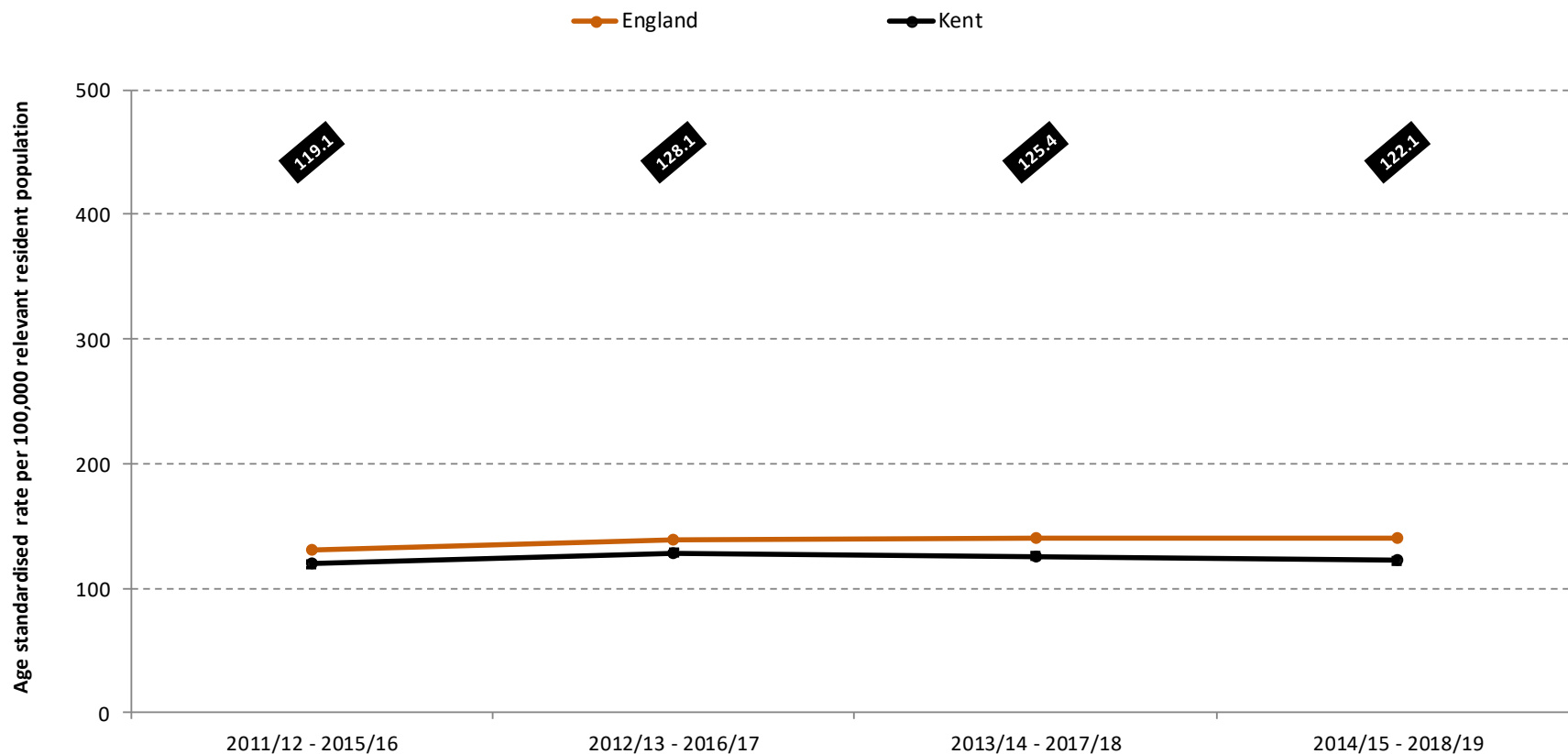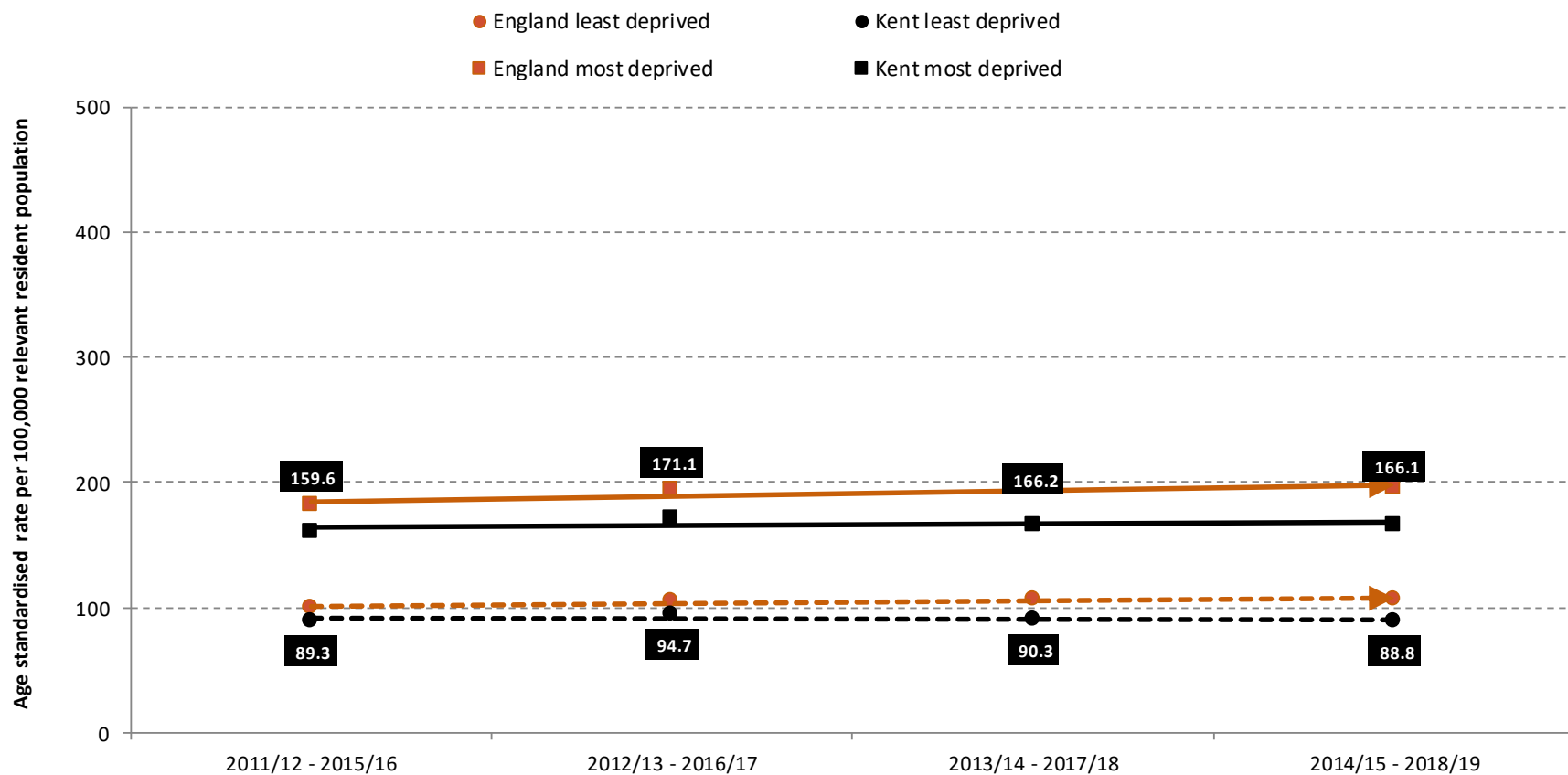

Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Nov-19

Emergency hospital admissions for acute myocardial infarction: by deprivation

Age standardised rate per 100,000 resident population, ICD 10: I21 (primary diagnosis) , 2011/12 - 2015/16 to 2014/15 - 2018/19

● England least deprived   ● Kent least deprived
■ England most deprived   ■ Kent most deprived

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

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

Hospital episodes for revascularisation procedures: by CCG

Age standardised rate per 100,000 resident population, OPCS4: K40-K46, K49-K50, K75 (primary procedure), 2014/15-2018/19
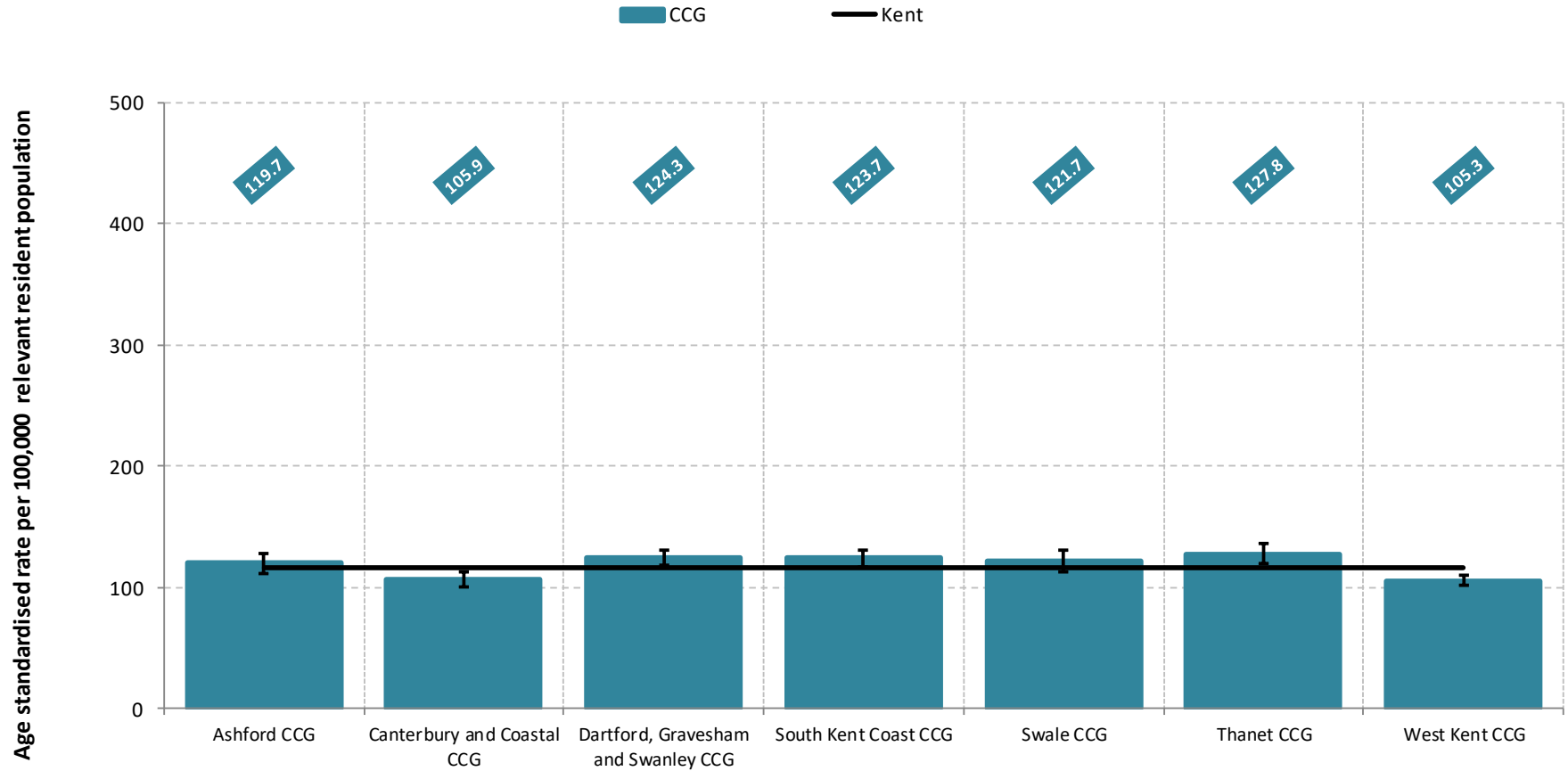
CCG — **Kent**

Chart: Age standardised rate per 100,000 relevant resident population by CCG:

- Ashford CCG: 119.7
- Canterbury and Coastal CCG: 105.9
- Dartford, Gravesham and Swanley CCG: 124.3
- South Kent Coast CCG: 123.7
- Swale CCG: 121.7
- Thanet CCG: 127.8
- West Kent CCG: 105.3

Hospital episodes for revascularisation procedures: trend

Age standardised rate per 100,000 resident population, OPCS4: K40-K46, K49-K50, K75 (primary procedure), 2011/12 - 2013/14 to 2016/17 - 2018/19

Legend: ● England ● Kent

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 500)

Kent data labels: 120.8, 118.5, 117.8, 117.4, 115.0, 114.6

X-axis categories: 2011/12 - 2013/14, 2012/13 - 2014/15, 2013/14 - 2015/16, 2014/15 - 2016/17, 2015/16 - 2017/18, 2016/17 - 2018/19
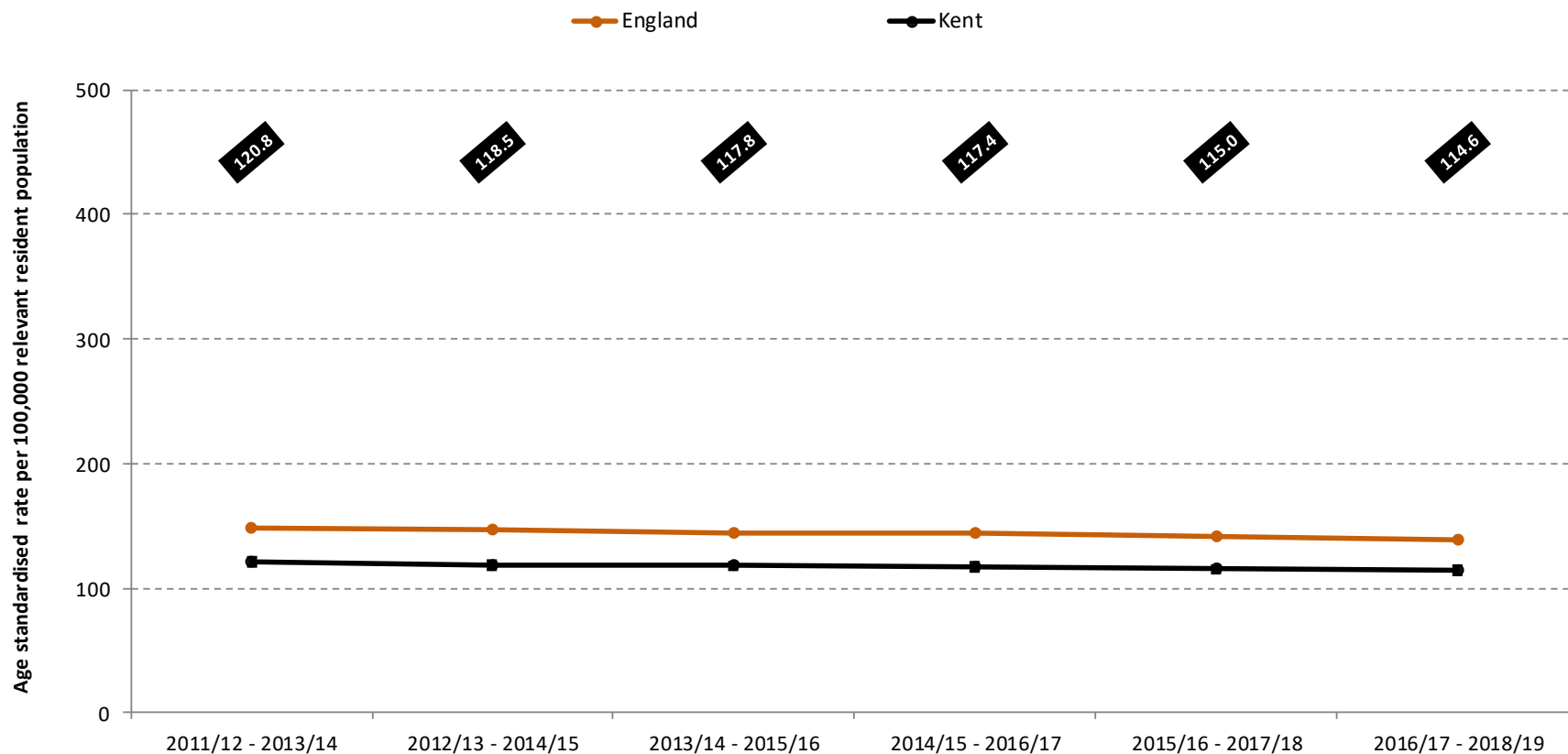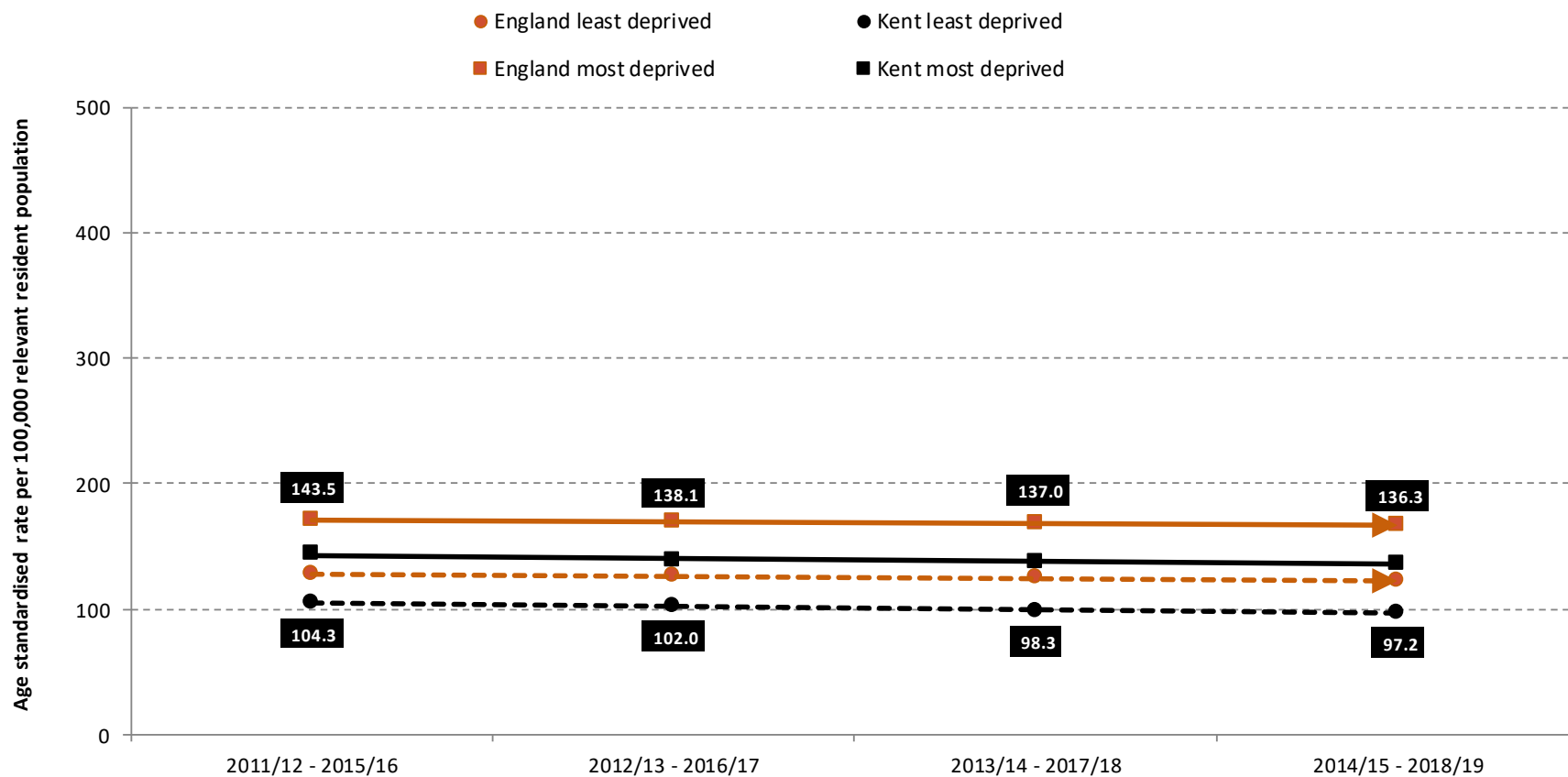
Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Nov-19

Hospital episodes for revascularisation procedures: by deprivation

Age standardised rate per 100,000 resident population, OPCS4: K40-K46, K49-K50, K75 (primary procedure), 2011/12 - 2015/16 to 2014/15 - 2018/19

Legend:
- ● England least deprived
- ● Kent least deprived
- ■ England most deprived
- ■ Kent most deprived

Chart Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 500)

Data labels (England most deprived, orange line): 143.5, 138.1, 137.0, 136.3

Data labels (Kent most deprived, black dashed line): 104.3, 102.0, 98.3, 97.2

X-axis categories: 2011/12 - 2015/16, 2012/13 - 2016/17, 2013/14 - 2017/18, 2014/15 - 2018/19

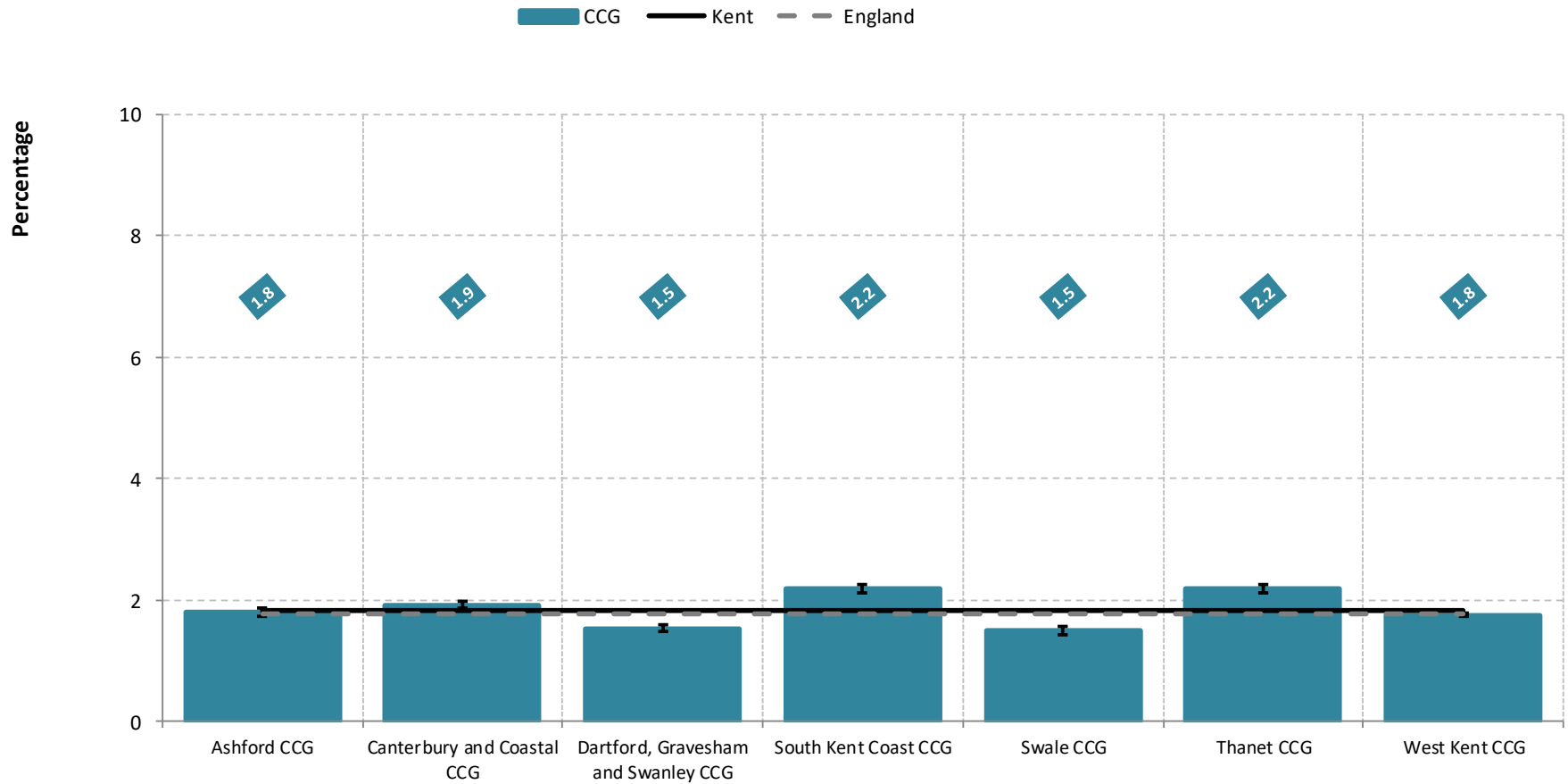**Least deprived trend - decreasing with a similar pace of change to England**

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

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

Recorded stroke and TIA prevalence: by CCG

Percentage of patients recorded on GP QOF registers as having Stroke or TIA, 2018/19

CCG ▬ Kent ▬ ▬ England

Percentage

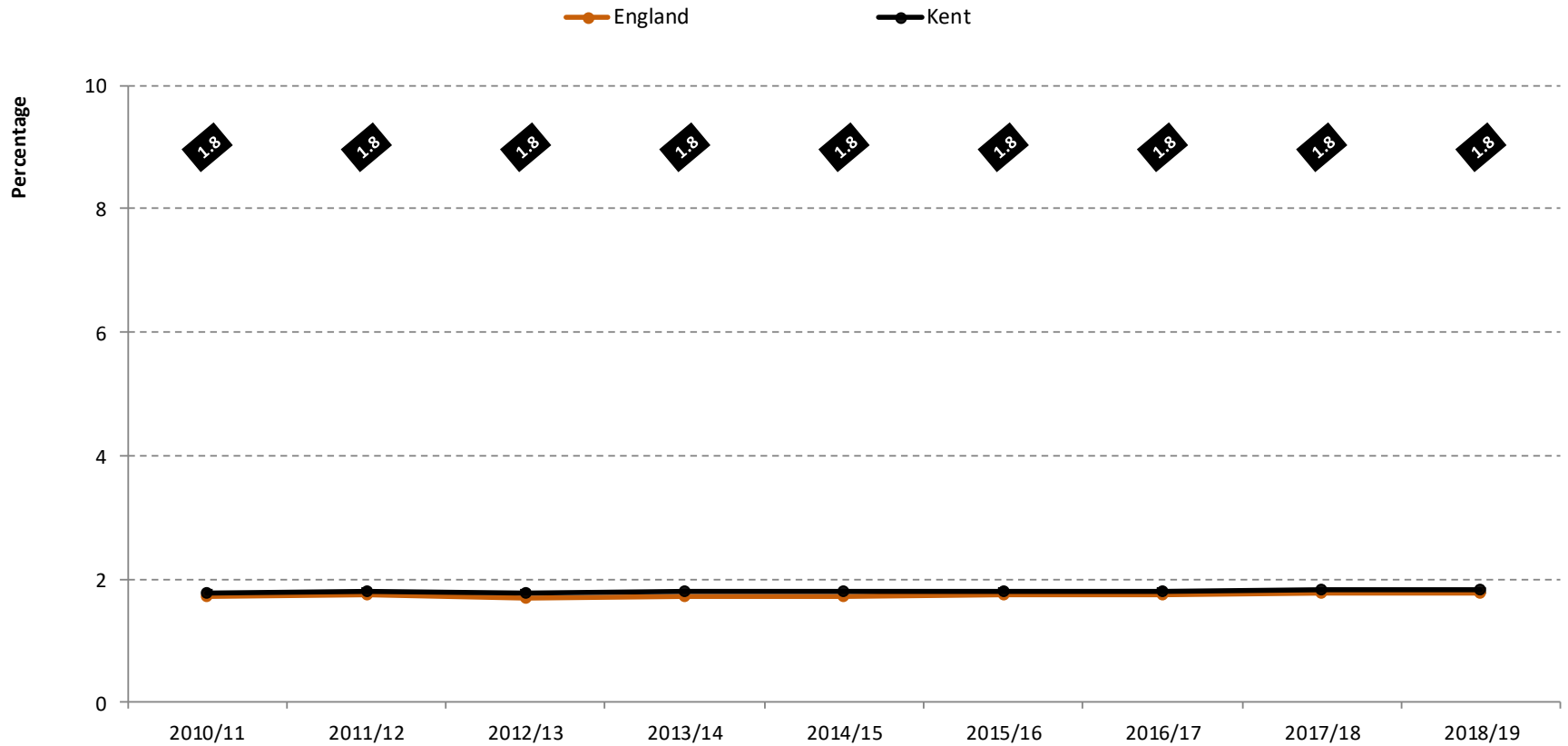| CCG	Value
Ashford CCG	1.8
Canterbury and Coastal CCG	1.9
Dartford, Gravesham and Swanley CCG	1.5
South Kent Coast CCG	2.2
Swale CCG	1.5
Thanet CCG	2.2
West Kent CCG	1.8

Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded stroke and TIA prevalence: trend

Percentage of patients recorded on GP QOF registers as having Stroke or TIA, 2010/11 to 2018/19

Legend: ──●── England   ──●── Kent

Percentage (y-axis: 0 to 10)

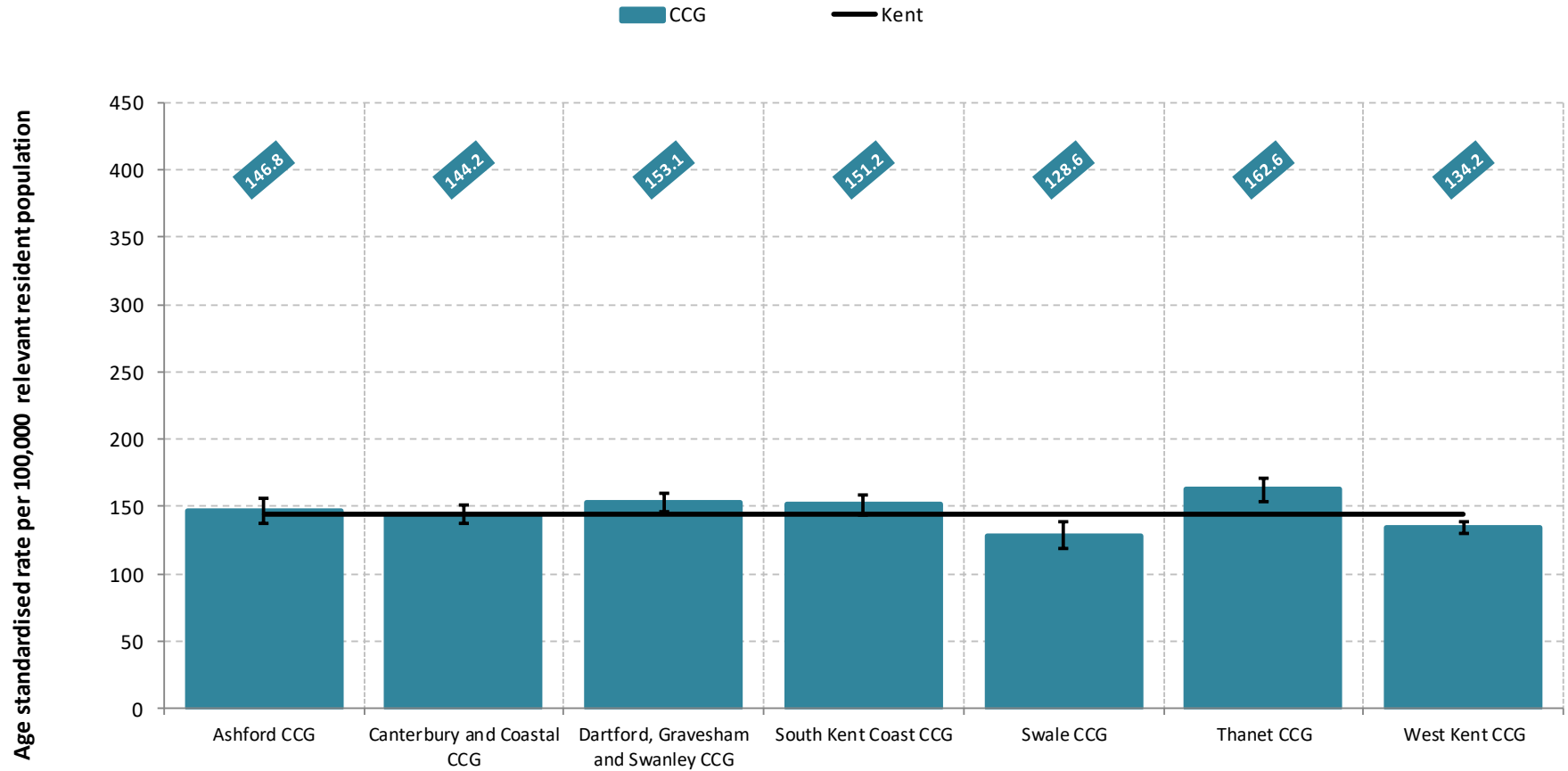| Year	Kent
2010/11	1.8
2011/12	1.8
2012/13	1.8
2013/14	1.8
2014/15	1.8
2015/16	1.8
2016/17	1.8
2017/18	1.8
2018/19	1.8

Increasing with a similar pace of change to England

Source: QOF, prepared by KPHO (ZC), Dec-19

Emergency hospital admissions for stroke: by CCG

Age standardised rate per 100,000 resident population, ICD-10: I61-I64 (primary diagnosis), 2014/15-2018/19

Legend: CCG (bar), Kent (line)

Age standardised rate per 100,000 relevant resident population

CCG	Rate
Ashford CCG	146.8
Canterbury and Coastal CCG	144.2
Dartford, Gravesham and Swanley CCG	153.1
South Kent Coast CCG	151.2
Swale CCG	128.6
Thanet CCG	162.6
West Kent CCG	134.2

Emergency hospital admissions for stroke: trend

Age standardised rate per 100,000 resident population, ICD-10: I61-I64 (primary diagnosis), 2011/12 - 2015/16 to 2014/15 - 2018/19
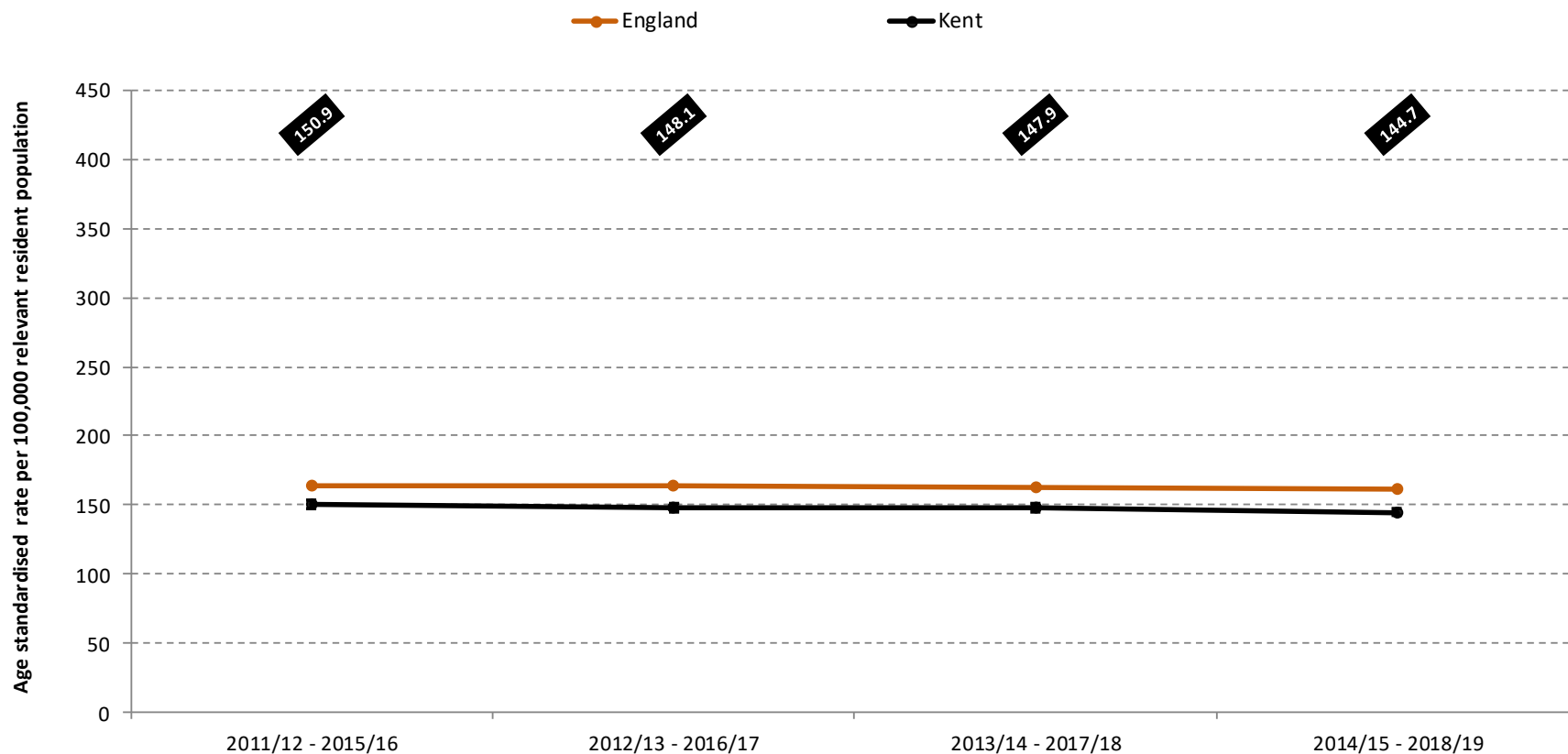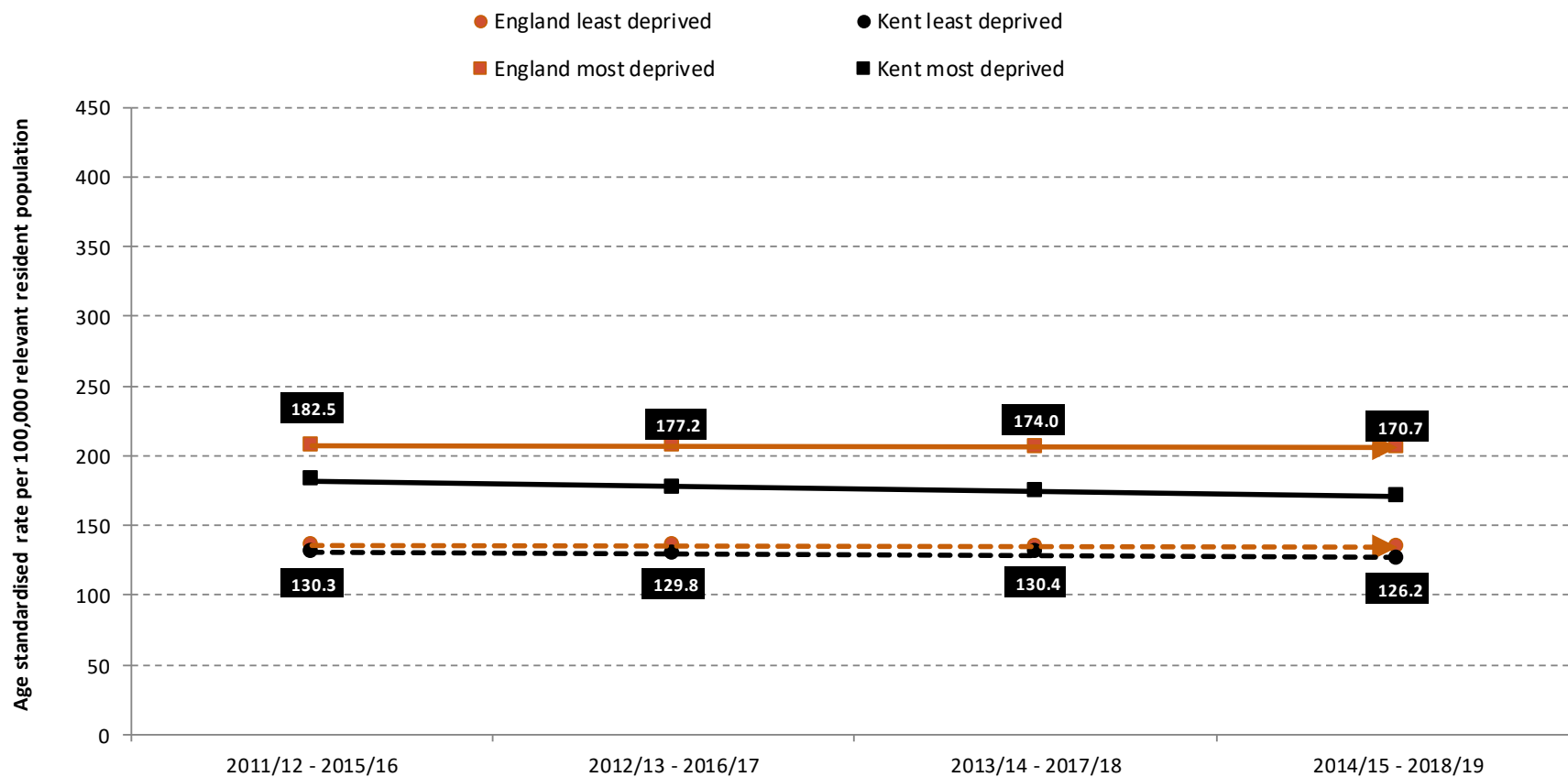

Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Jan-20

Emergency hospital admissions for stroke: by deprivation

Age standardised rate per 100,000 resident population, ICD-10: I61-I64 (primary diagnosis), 2011/12 - 2015/16 to 2014/15 - 2018/19

● England least deprived   ● Kent least deprived

■ England most deprived   ■ Kent most deprived

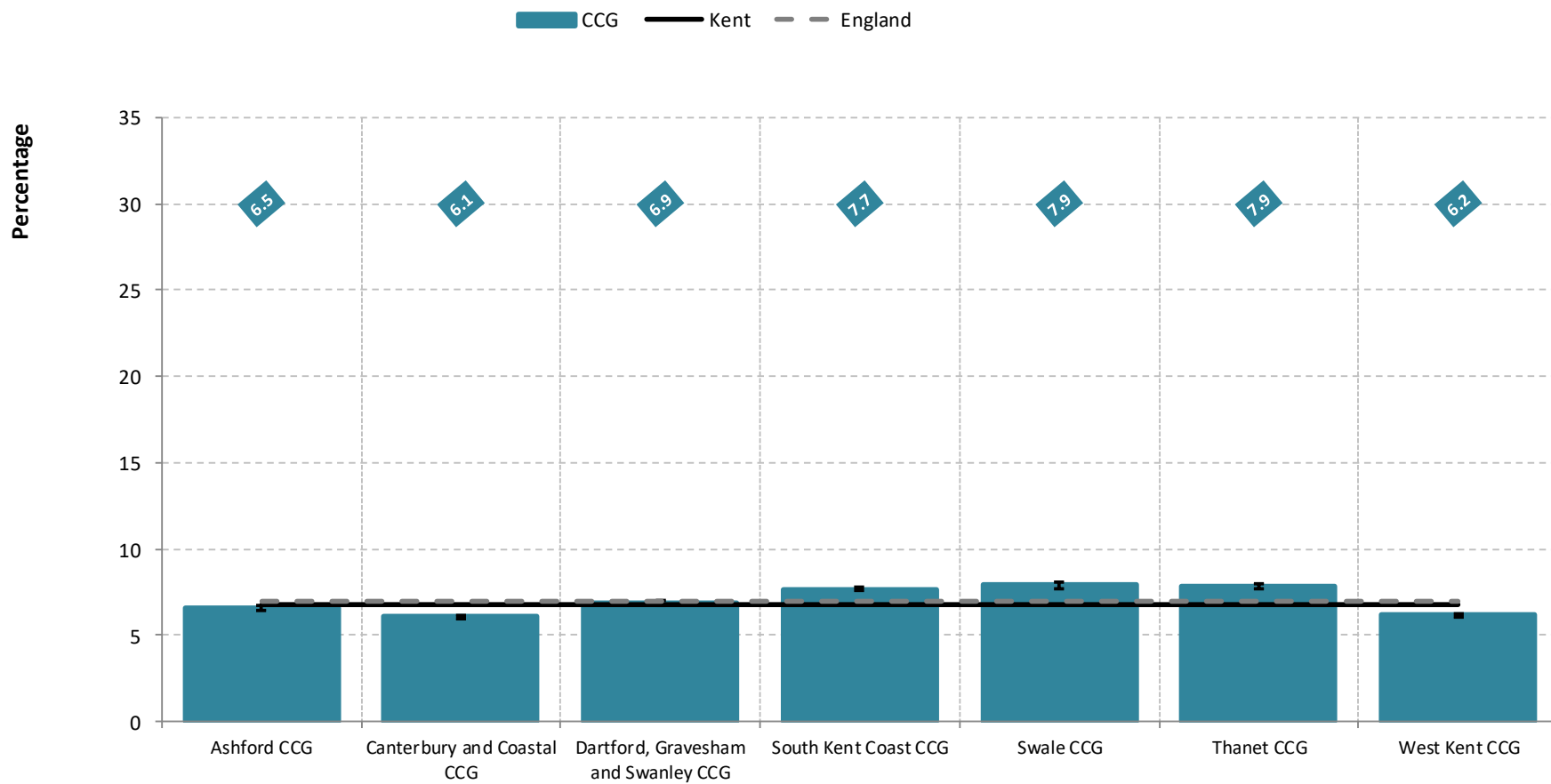**Least deprived trend - stable compared with a decreasing trend for England**

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

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

Recorded diabetes prevalence: by CCG

Percentage of patients aged 17+ recorded on GP QOF registers as having diabetes mellitus, 2018/19

■ CCG ▬ Kent ▬ ▬ England

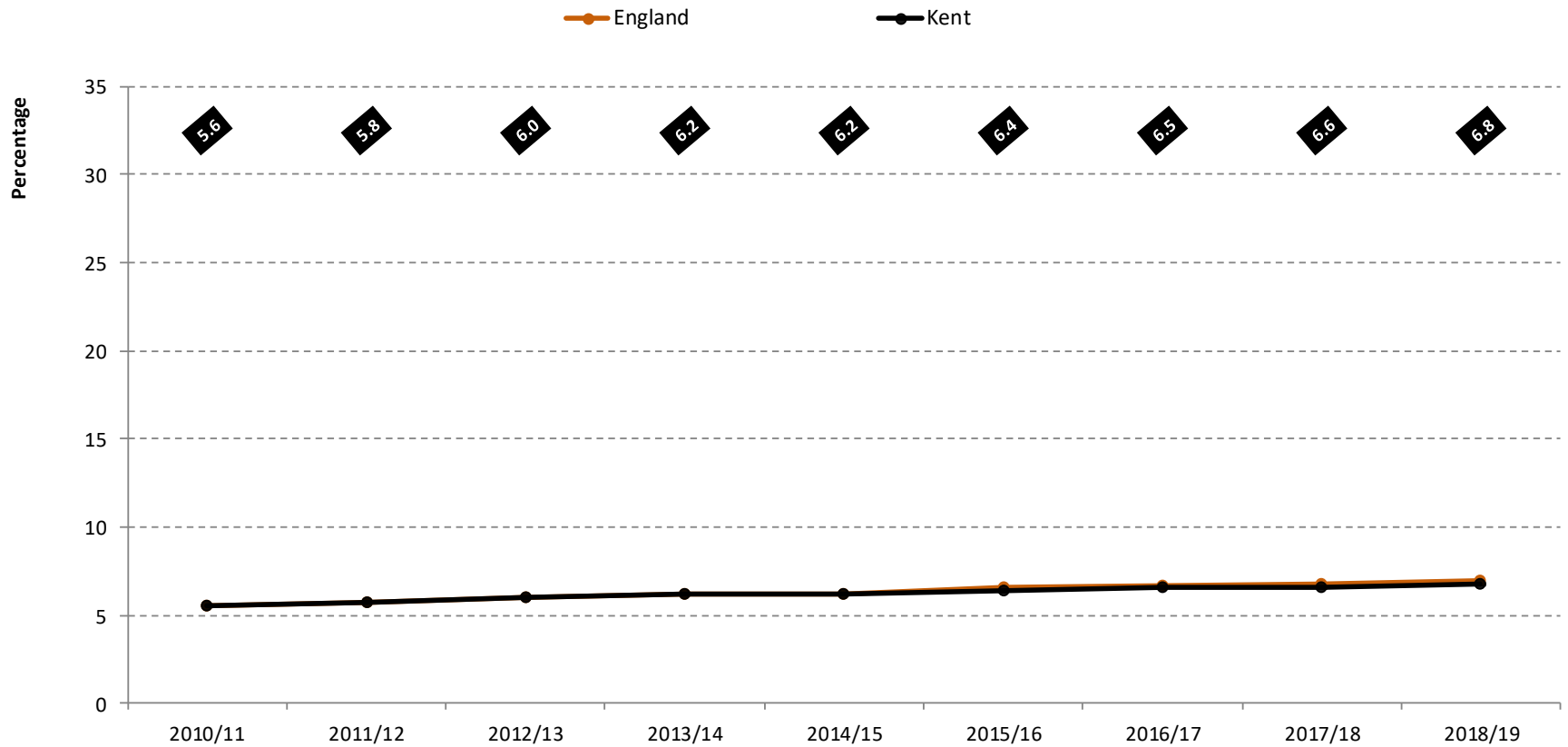| CCG	Value
Ashford CCG	6.5
Canterbury and Coastal CCG	6.1
Dartford, Gravesham and Swanley CCG	6.9
South Kent Coast CCG	7.7
Swale CCG	7.9
Thanet CCG	7.9
West Kent CCG	6.2

Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded diabetes prevalence: trend

Percentage of patients aged 17+ recorded on GP QOF registers as having diabetes mellitus, 2010/11 to 2018/19

Legend: England — Kent

Year	Value
2010/11	5.6
2011/12	5.8
2012/13	6.0
2013/14	6.2
2014/15	6.2
2015/16	6.4
2016/17	6.5
2017/18	6.6
2018/19	6.8

Percentage (y-axis: 0 to 35)

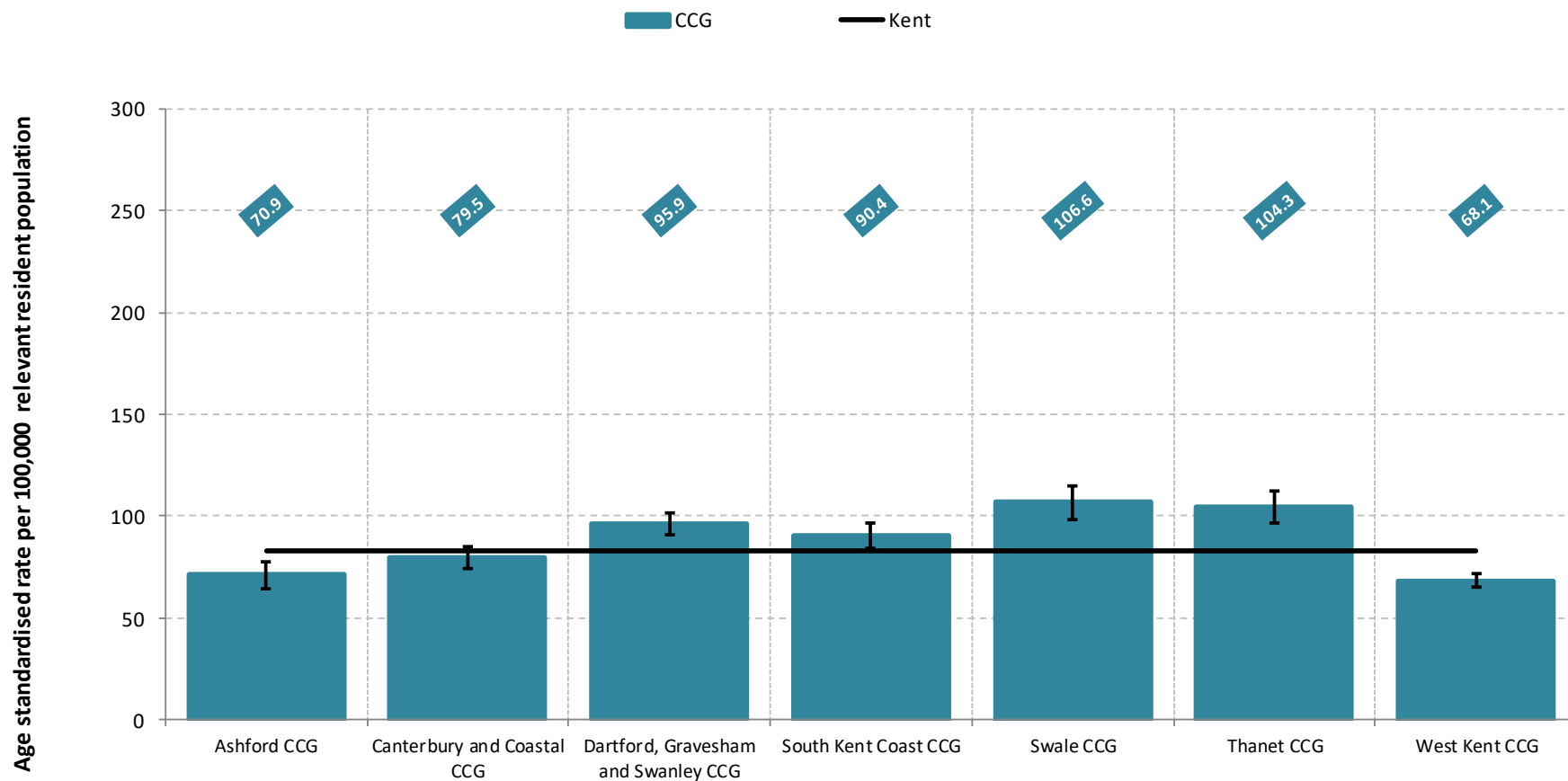**Increasing with a similar pace of change to England**

Source: QOF, prepared by KPHO (ZC), Dec-19

Emergency hospital admissions for diabetes: by CCG

Age standardised rate per 100,000 resident population, ICD 10: E10-14 (primary diagnosis) , 2014/15-2018/19

Legend: ■ CCG　—— Kent

Chart: Age standardised rate per 100,000 relevant resident population (y-axis 0–300)

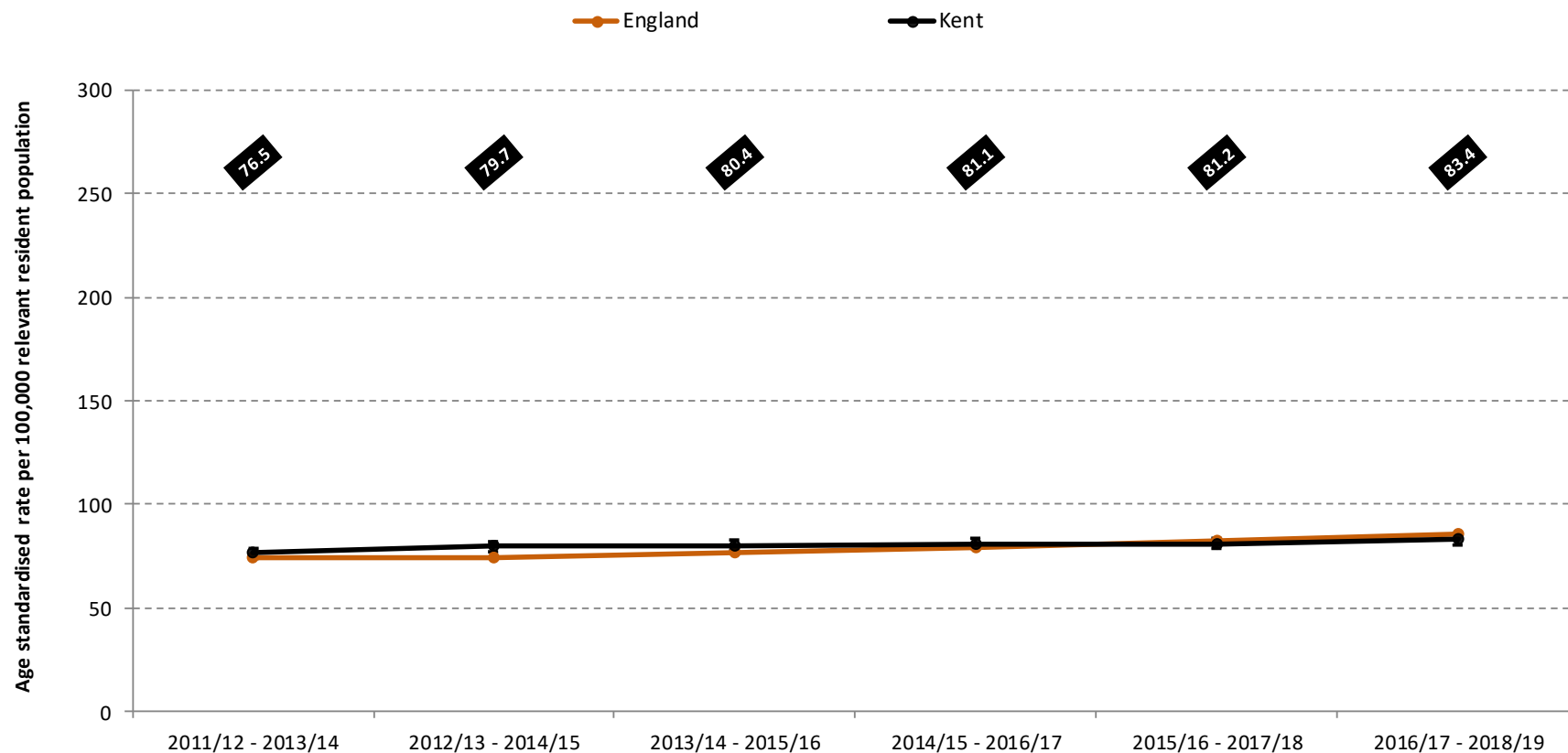| CCG	Rate
Ashford CCG	70.9
Canterbury and Coastal CCG	79.5
Dartford, Gravesham and Swanley CCG	95.9
South Kent Coast CCG	90.4
Swale CCG	106.6
Thanet CCG	104.3
West Kent CCG	68.1

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

Emergency hospital admissions for diabetes: trend

Age standardised rate per 100,000 resident population, ICD 10: E10-14 (primary diagnosis) , 2011/12 - 2013/14 to 2016/17 - 2018/19

Legend: ●—● England ●—● Kent

76.5 79.7 80.4 81.1 81.2 83.4

Y-axis: Age standardised rate per 100,000 relevant resident population (0, 50, 100, 150, 200, 250, 300)

X-axis: 2011/12 - 2013/14, 2012/13 - 2014/15, 2013/14 - 2015/16, 2014/15 - 2016/17, 2015/16 - 2017/18, 2016/17 - 2018/19

Emergency hospital admissions for diabetes: by deprivation

Age standardised rate per 100,000 resident population, ICD 10: E10-14 (primary diagnosis) , 2011/12 - 2015/16 to 2014/15 - 2018/19

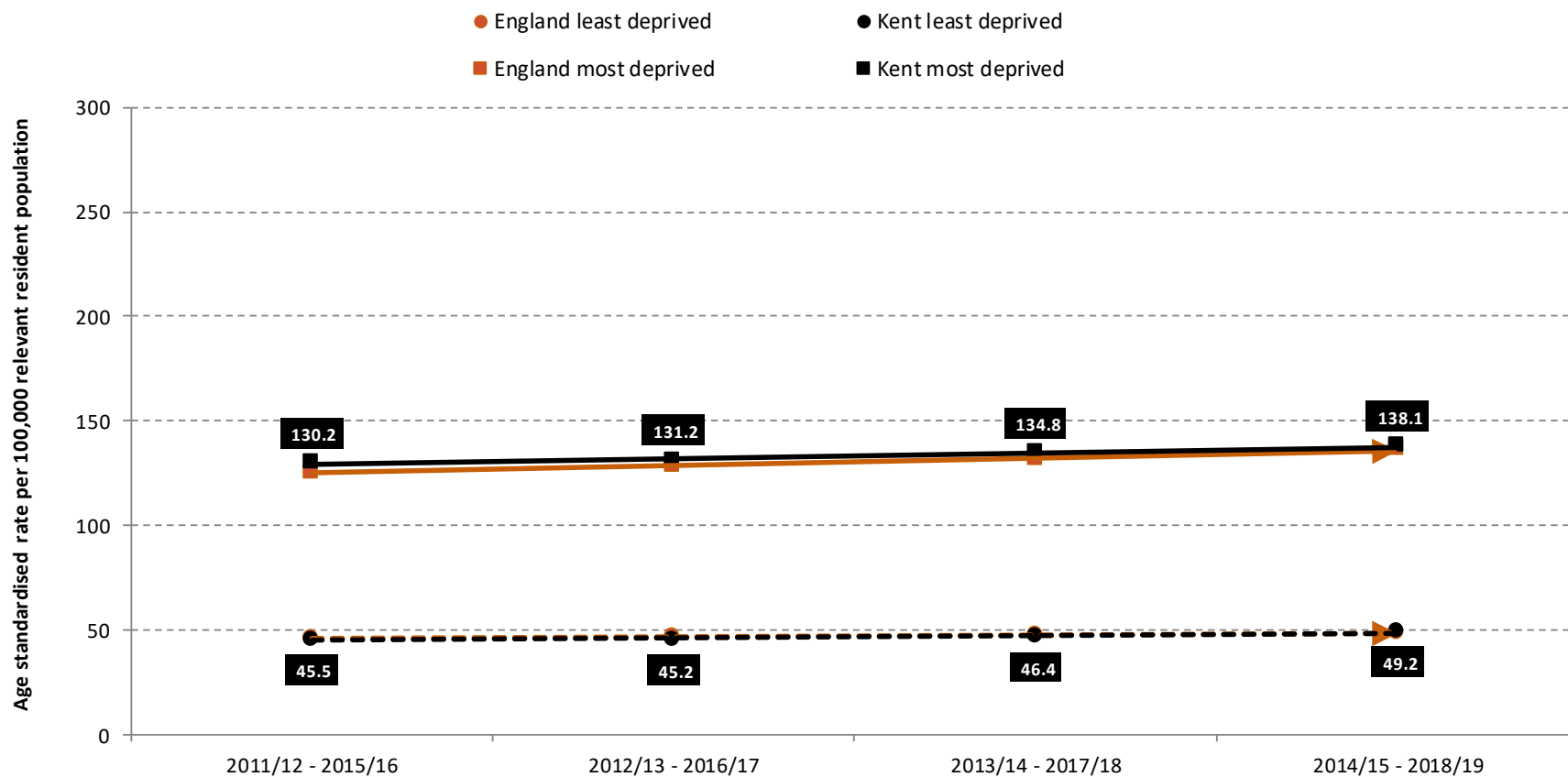- ● England least deprived
- ● Kent least deprived
- ■ England most deprived
- ■ Kent most deprived

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

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

Recorded chronic kidney disease (CKD) prevalence: by CCG

Percentage of patients aged 18+ recorded on GP QOF registers as having CKD, 2018/19

■ CCG —— Kent – – England

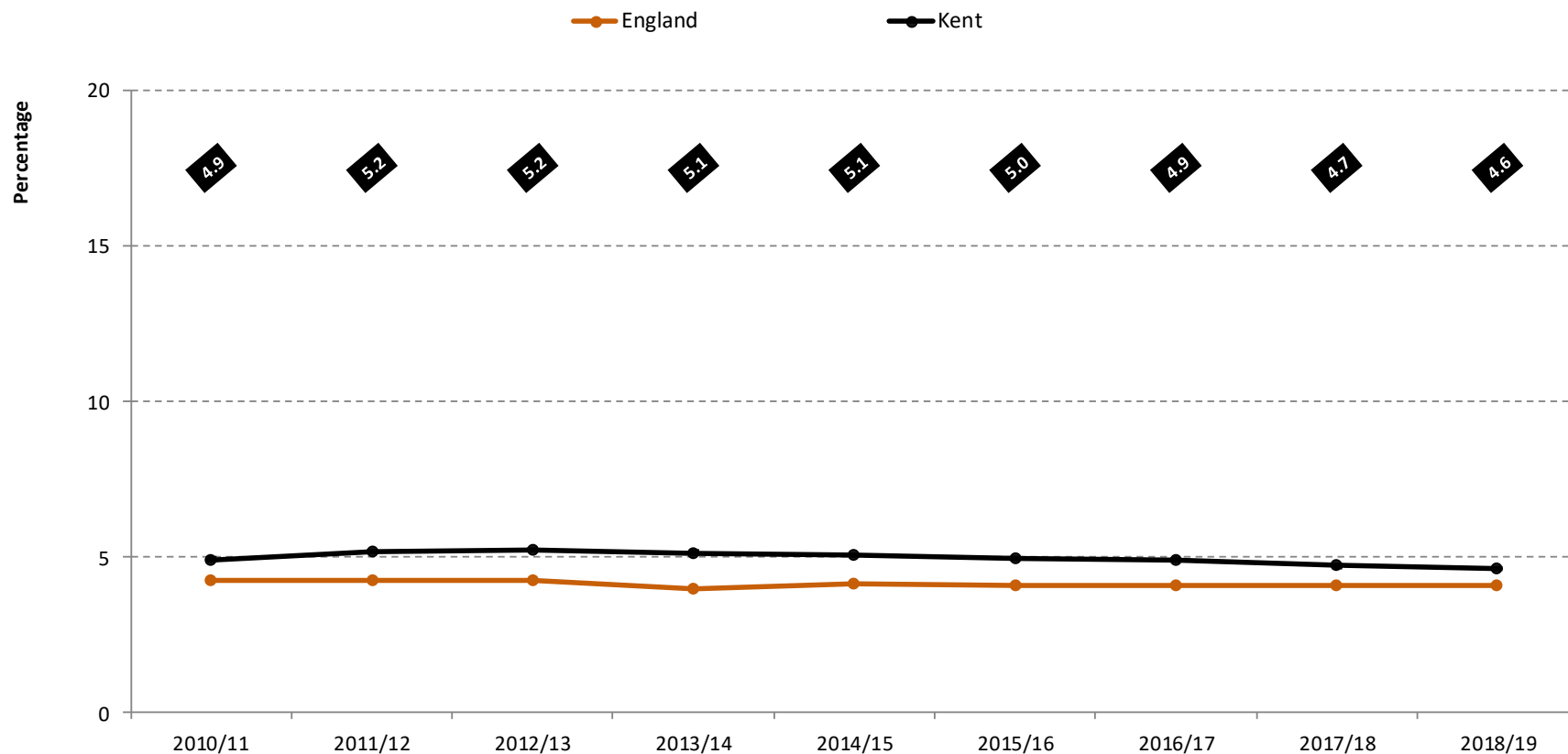|	Ashford CCG	Canterbury and Coastal CCG	Dartford, Gravesham and Swanley CCG	South Kent Coast CCG	Swale CCG	Thanet CCG	West Kent CCG
	4.5	4.6	4.1	5.8	4.1	5.7	4.3
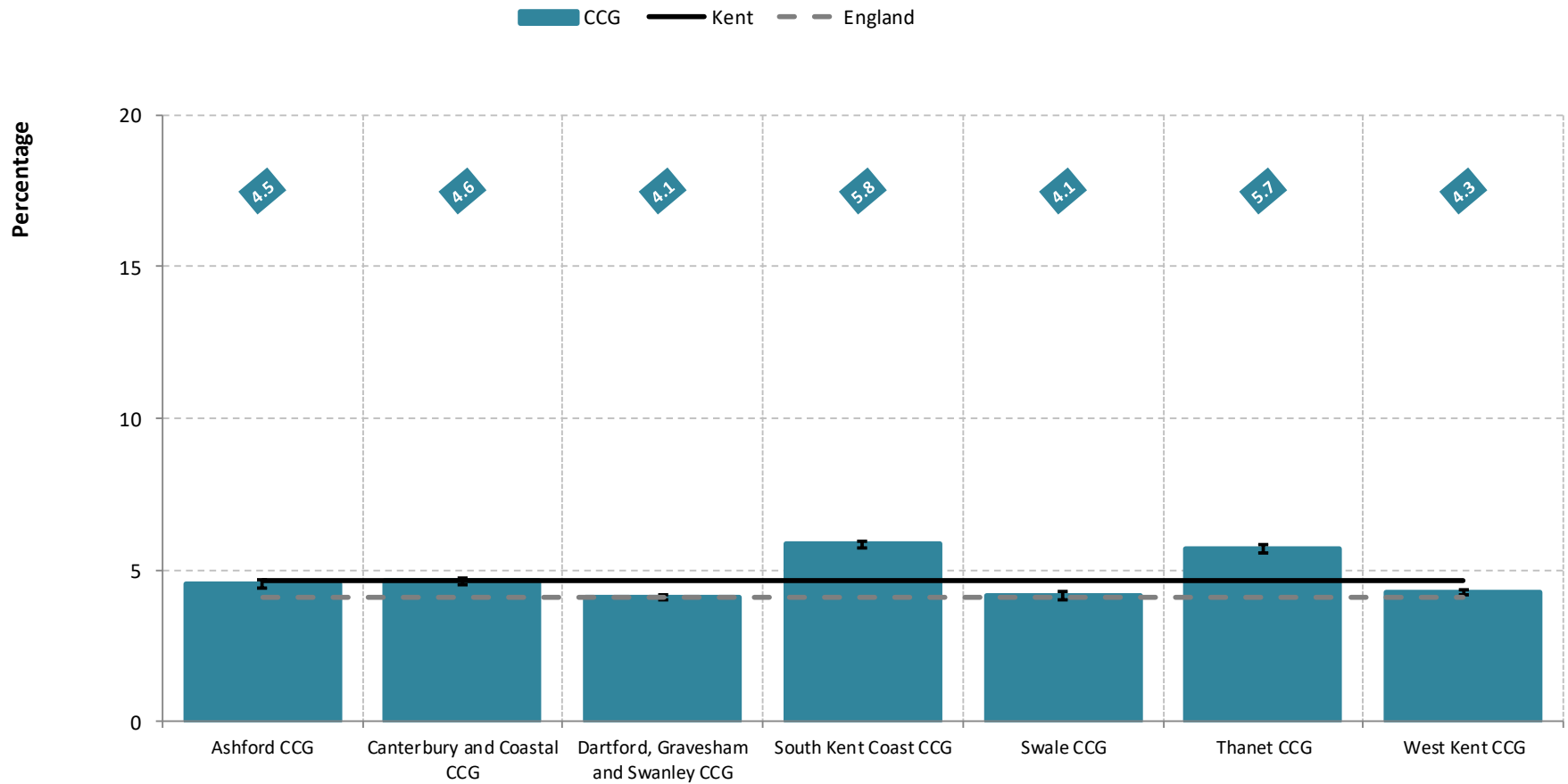
Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded chronic kidney disease (CKD) prevalence: trend

Percentage of patients aged 18+ recorded on GP QOF registers as having CKD, 2010/11 to 2018/19

Legend: —●— England   —●— Kent

Kent values shown in diamonds: 4.9, 5.2, 5.2, 5.1, 5.1, 5.0, 4.9, 4.7, 4.6

Y-axis: Percentage (0, 5, 10, 15, 20)

X-axis: 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18, 2018/19
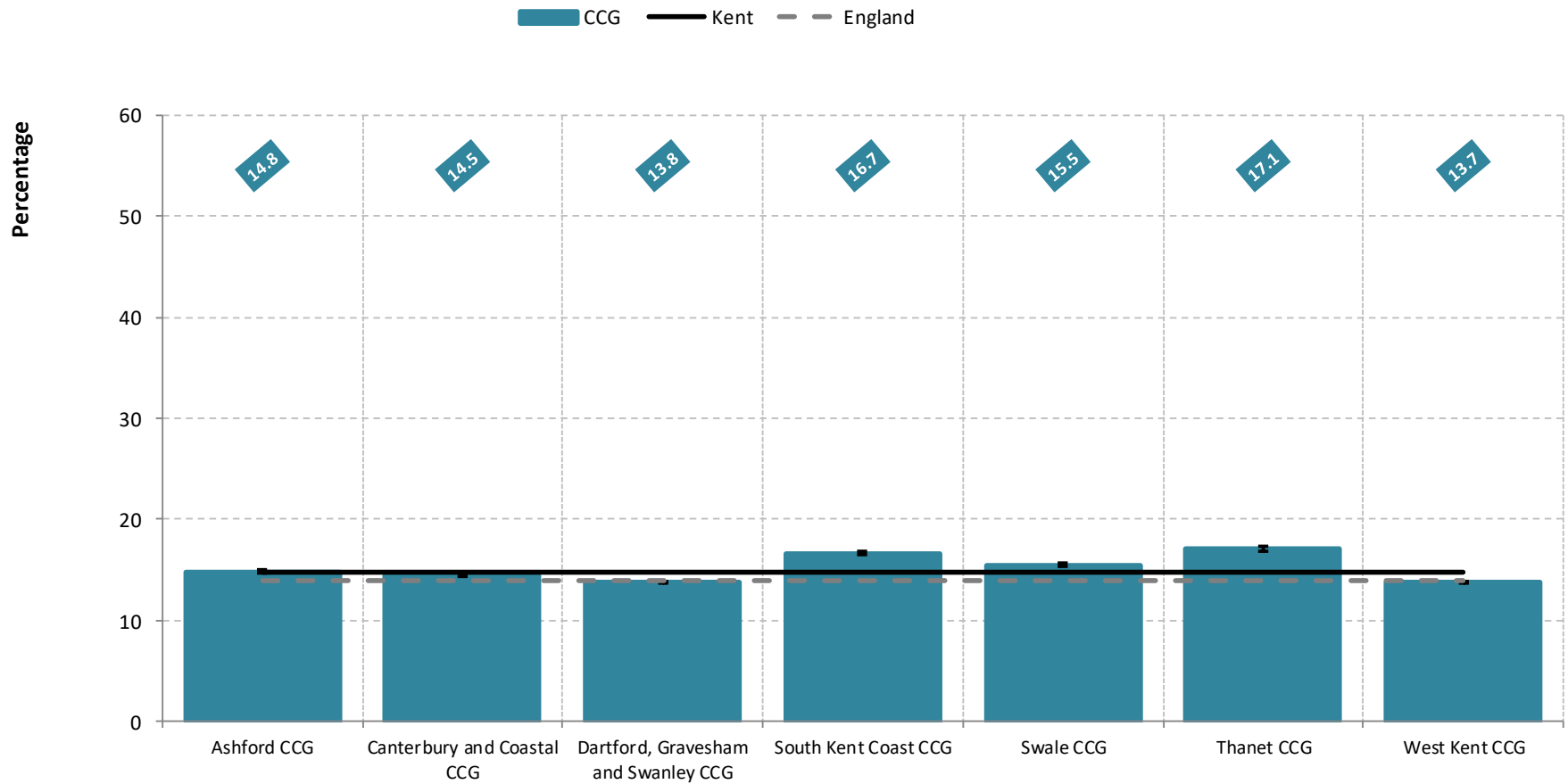
Decreasing compared with a stable trend for England

Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded hypertension prevalence: by CCG

Percentage of patients recorded on GP QOF registers as having hypertension, 2018/19

Legend: ▬ CCG ▬▬ Kent ▬ ▬ England

CCG	Percentage
Ashford CCG	14.8
Canterbury and Coastal CCG	14.5
Dartford, Gravesham and Swanley CCG	13.8
South Kent Coast CCG	16.7
Swale CCG	15.5
Thanet CCG	17.1
West Kent CCG	13.7

Recorded hypertension prevalence: trend

Percentage of patients recorded on GP QOF registers as having hypertension, 2010/11 to 2018/19

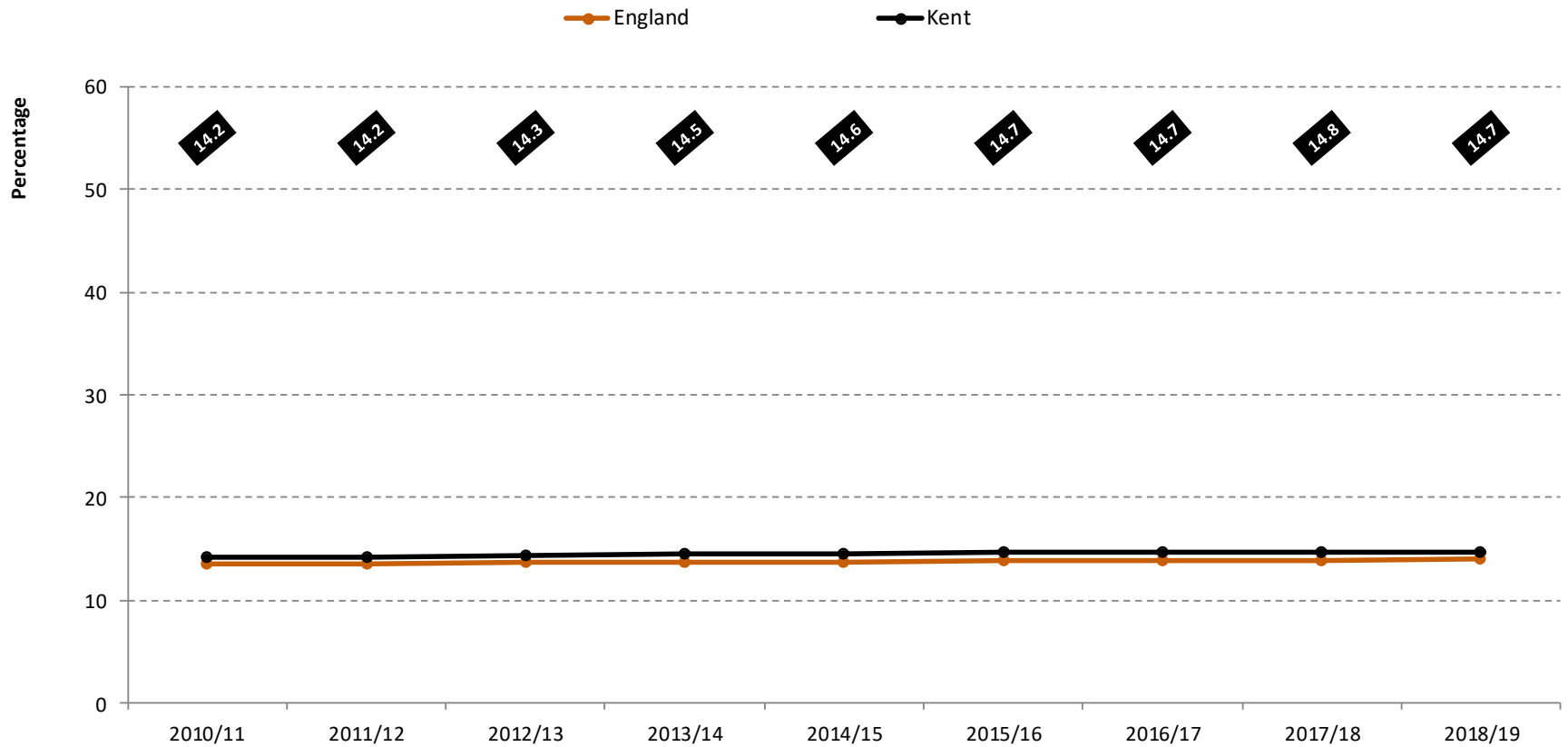●—England ●—Kent

Percentage

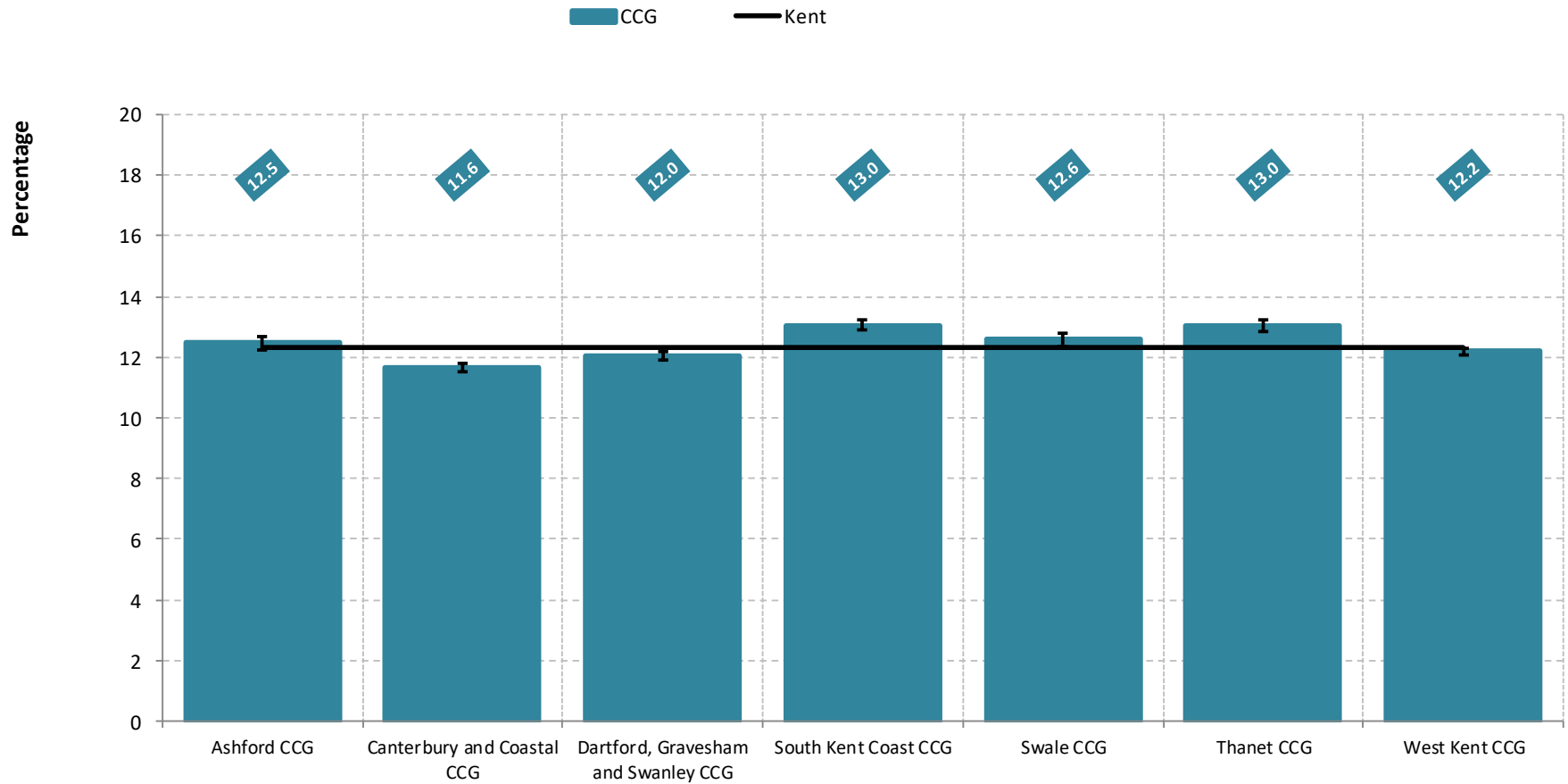|	
2010/11	14.2
2011/12	14.2
2012/13	14.3
2013/14	14.5
2014/15	14.6
2015/16	14.7
2016/17	14.7
2017/18	14.8
2018/19	14.7

Increasing with a faster pace of change than England

Source: QOF, prepared by KPHO (ZC), Dec-19

Undiagnosed hypertension (estimated): by CCG

Modelled estimates of the prevalence of undiagnosed hypertension, ages 16+, 2015

Legend: ■ CCG ▬ Kent

CCG	Percentage
Ashford CCG	12.5
Canterbury and Coastal CCG	11.6
Dartford, Gravesham and Swanley CCG	12.0
South Kent Coast CCG	13.0
Swale CCG	12.6
Thanet CCG	13.0
West Kent CCG	12.2

Source: Imperial College London, prepared by KPHO (ZC), Feb-20

Cancer

Premature mortality from cancers

Cancers considered amenable to early detection

Cancers considered preventable

Cancer registrations

Cancer prevalence

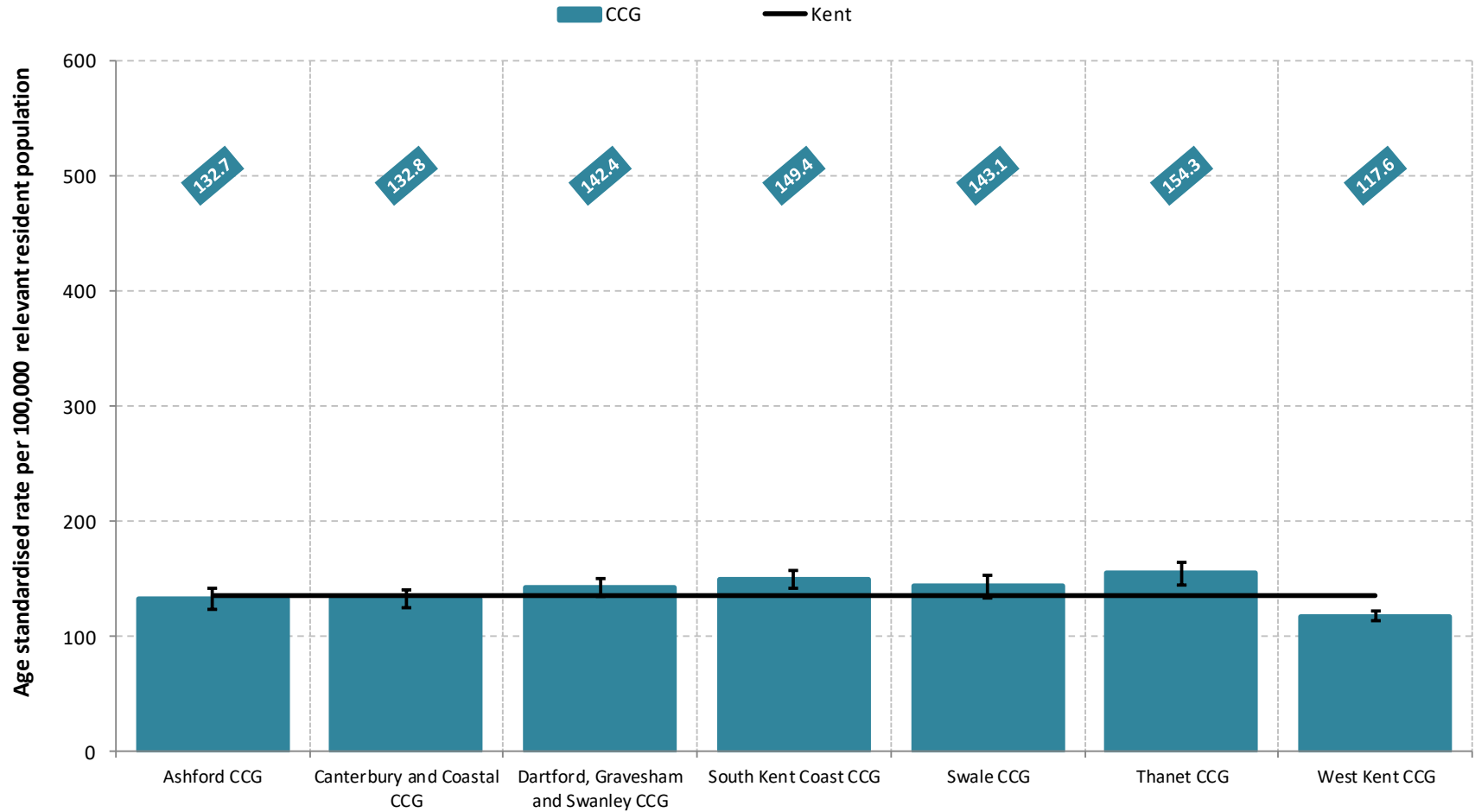Hospital admissions with cancer

Cancer screening: Bowel

Cancer screening: Breast

Cancer screening: Cervical

Premature mortality from cancer: by CCG

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C00-C97), 2013-2017
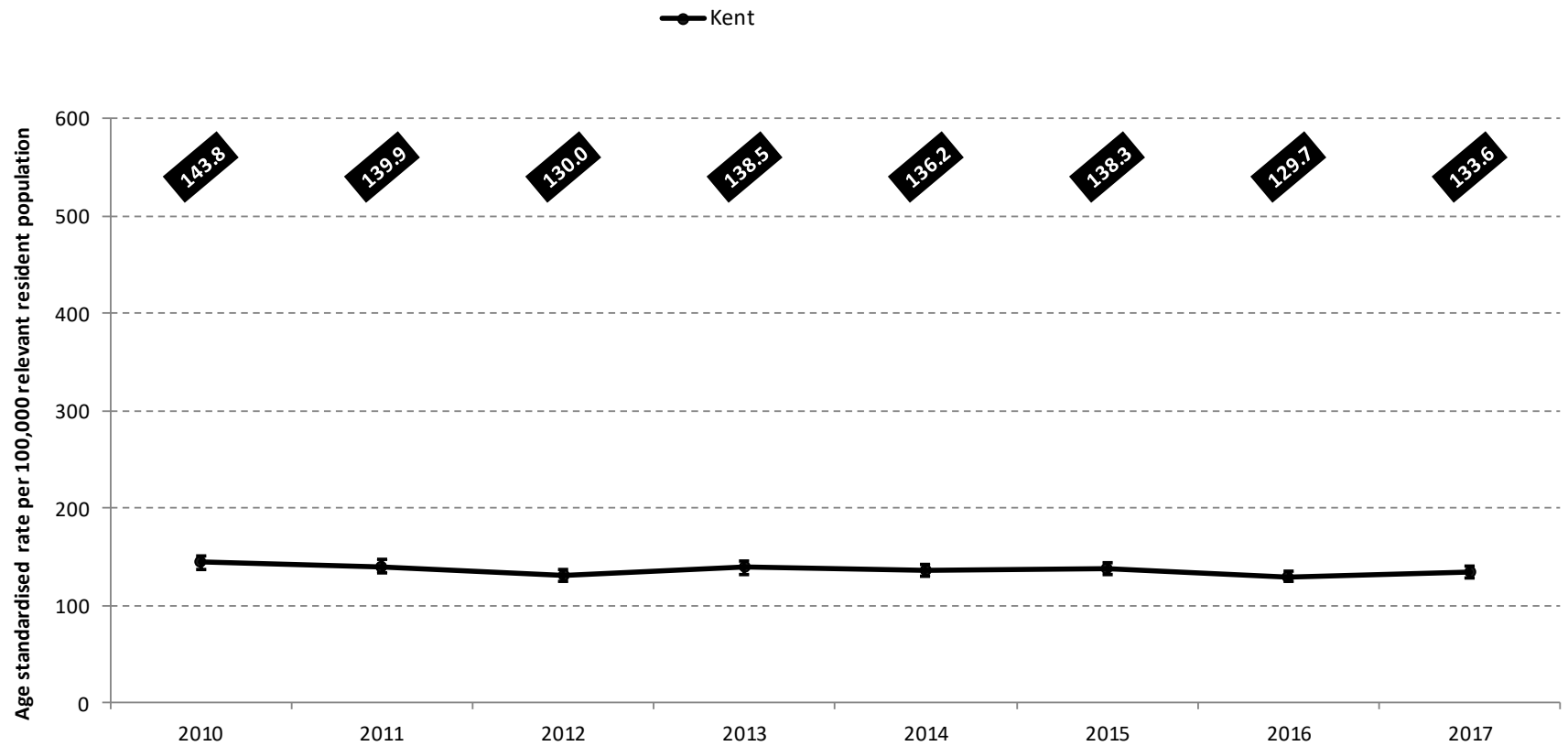
Legend: CCG — Kent

Y-axis: Age standardised rate per 100,000 relevant resident population

CCG	Value
Ashford CCG	132.7
Canterbury and Coastal CCG	132.8
Dartford, Gravesham and Swanley CCG	142.4
South Kent Coast CCG	149.4
Swale CCG	143.1
Thanet CCG	154.3
West Kent CCG	117.6

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

Premature mortality from cancer: trend

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C00-C97), 2010 to 2017
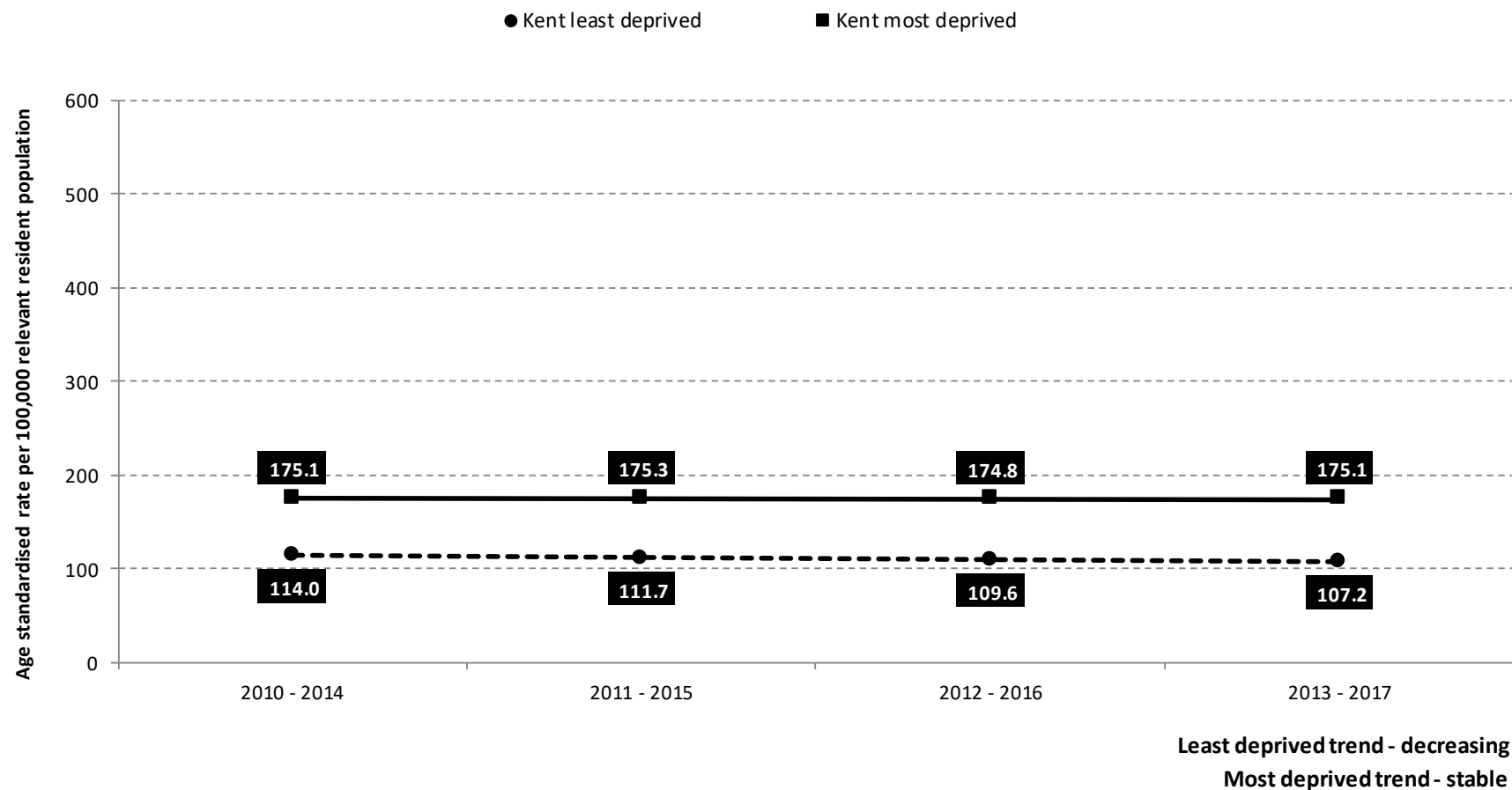

Legend: ●— Kent

Data labels: 143.8 (2010), 139.9 (2011), 130.0 (2012), 138.5 (2013), 136.2 (2014), 138.3 (2015), 129.7 (2016), 133.6 (2017)

Y-axis: Age standardised rate per 100,000 relevant resident population

Stable trend

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

Premature mortality from cancer: by deprivation

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C00-C97), 2010 - 2014 to 2013 - 2017
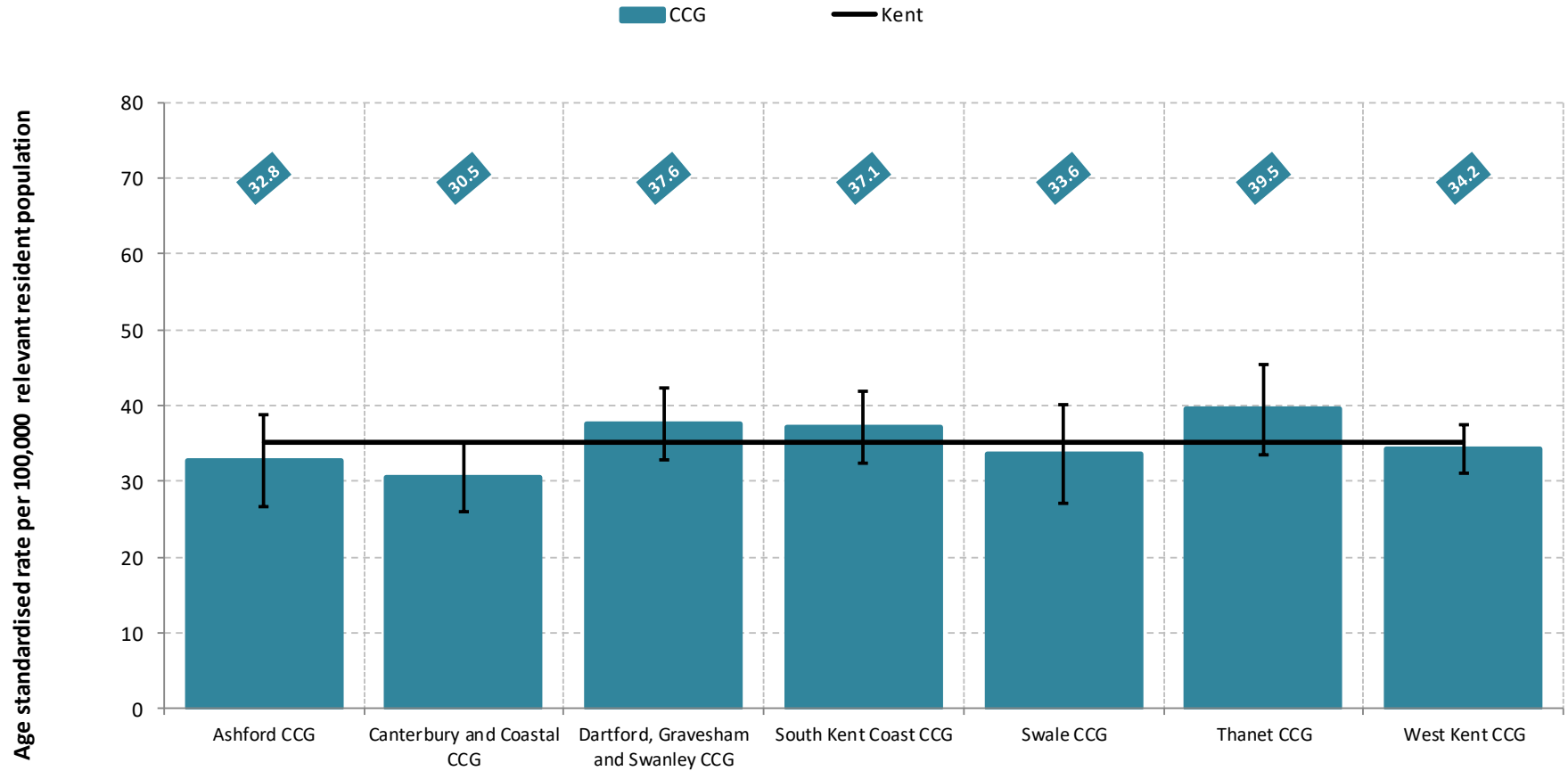
● Kent least deprived   ■ Kent most deprived

Least deprived trend - decreasing
Most deprived trend - stable

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

Premature mortality from cancers considered amenable to early detection: by CCG

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C17-C21, C43, C50, C53, C61), 2015-2017

Legend: ■ CCG ── Kent

Y-axis: **Age standardised rate per 100,000 relevant resident population** (0 to 80)

| CCG	Value
Ashford CCG	32.8
Canterbury and Coastal CCG	30.5
Dartford, Gravesham and Swanley CCG	37.6
South Kent Coast CCG	37.1
Swale CCG	33.6
Thanet CCG	39.5
West Kent CCG	34.2

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

Premature mortality from cancers considered amenable to early detection: trend

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C17-C21, C43, C50, C53, C61), 2010 - 2012 to 2015 - 2017
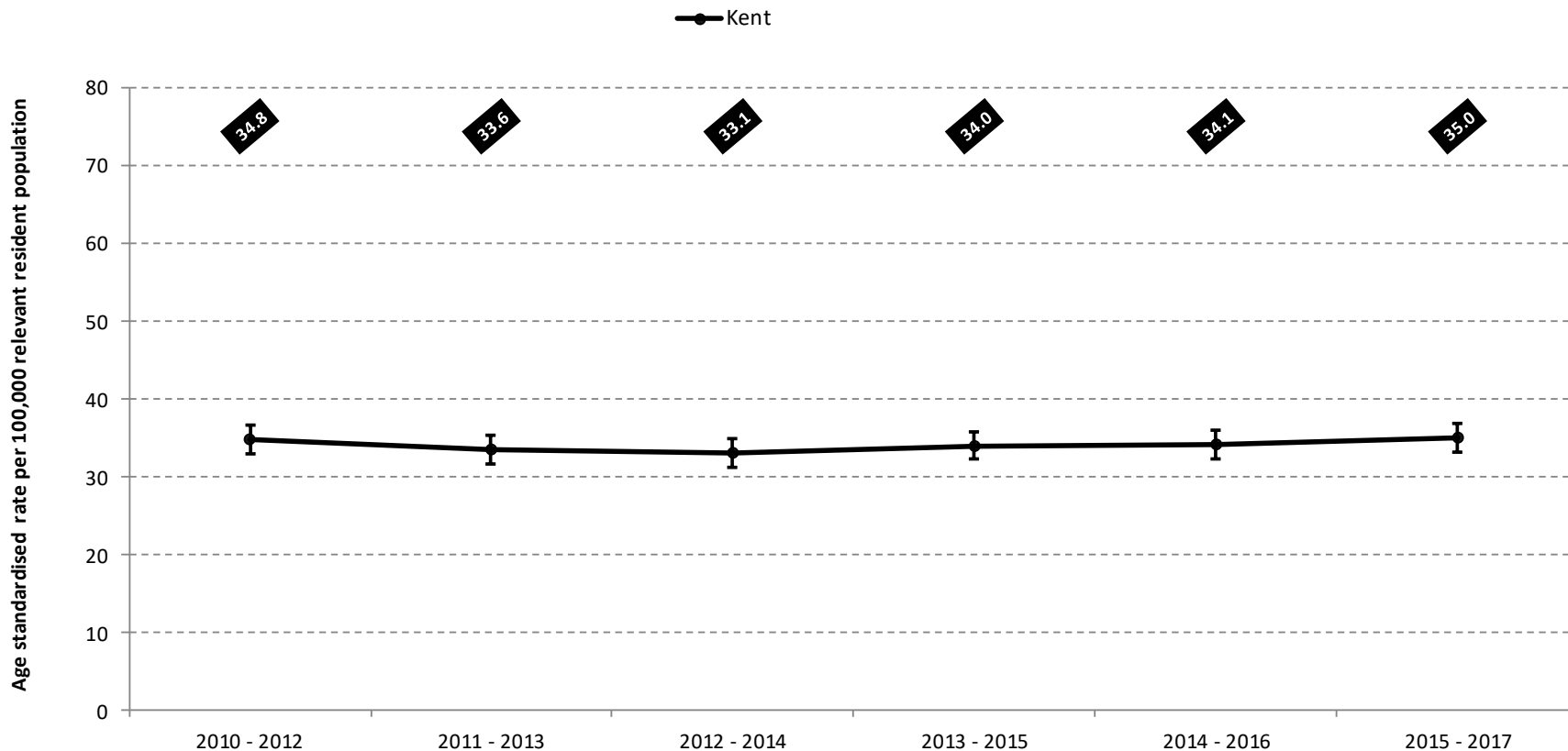
Source: PCMD, prepared by KPHO (RK), Nov-18

Premature mortality from cancers considered amenable to early detection: by deprivation

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C17-C21, C43, C50, C53, C61), 2010 - 2012 to 2015 - 2017
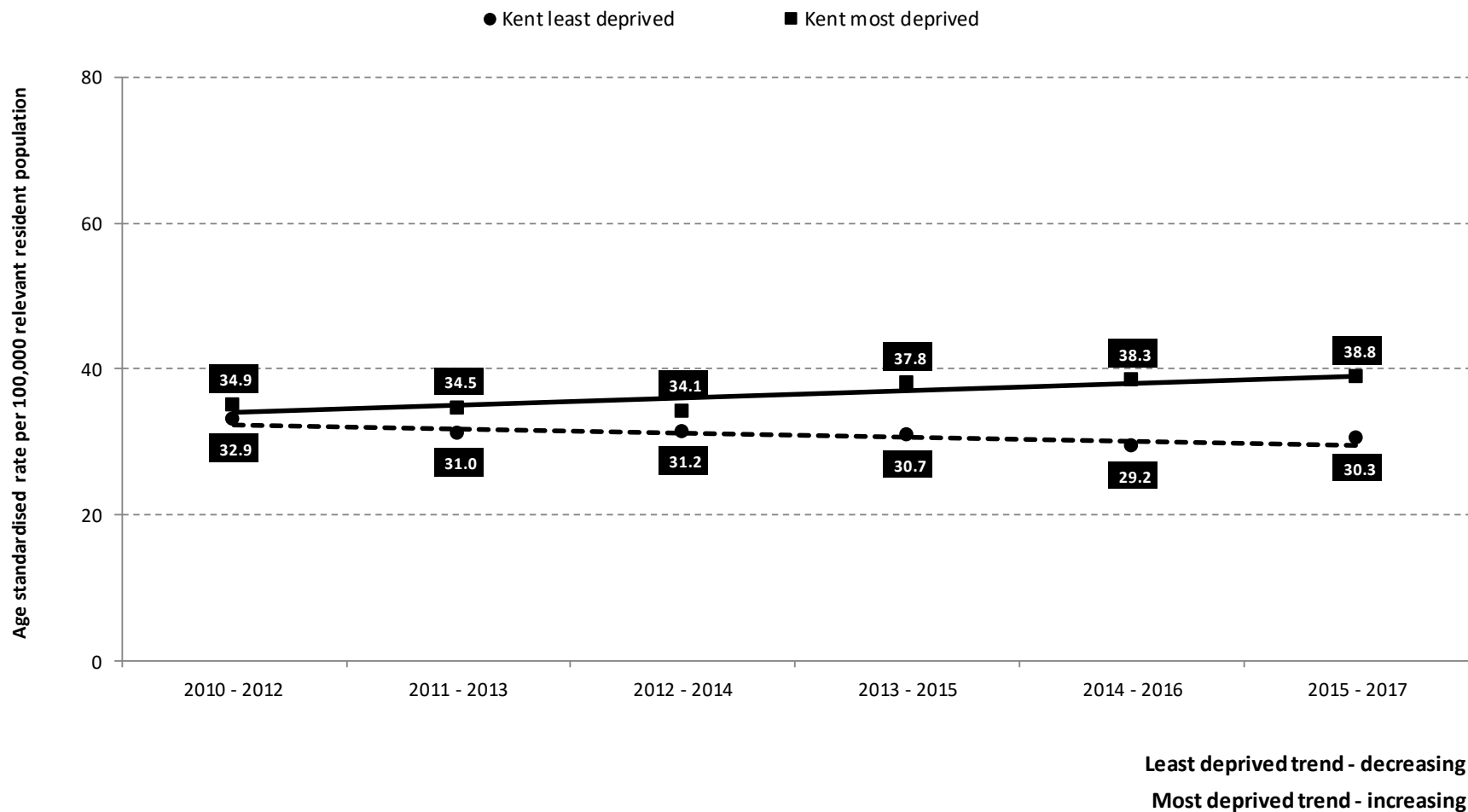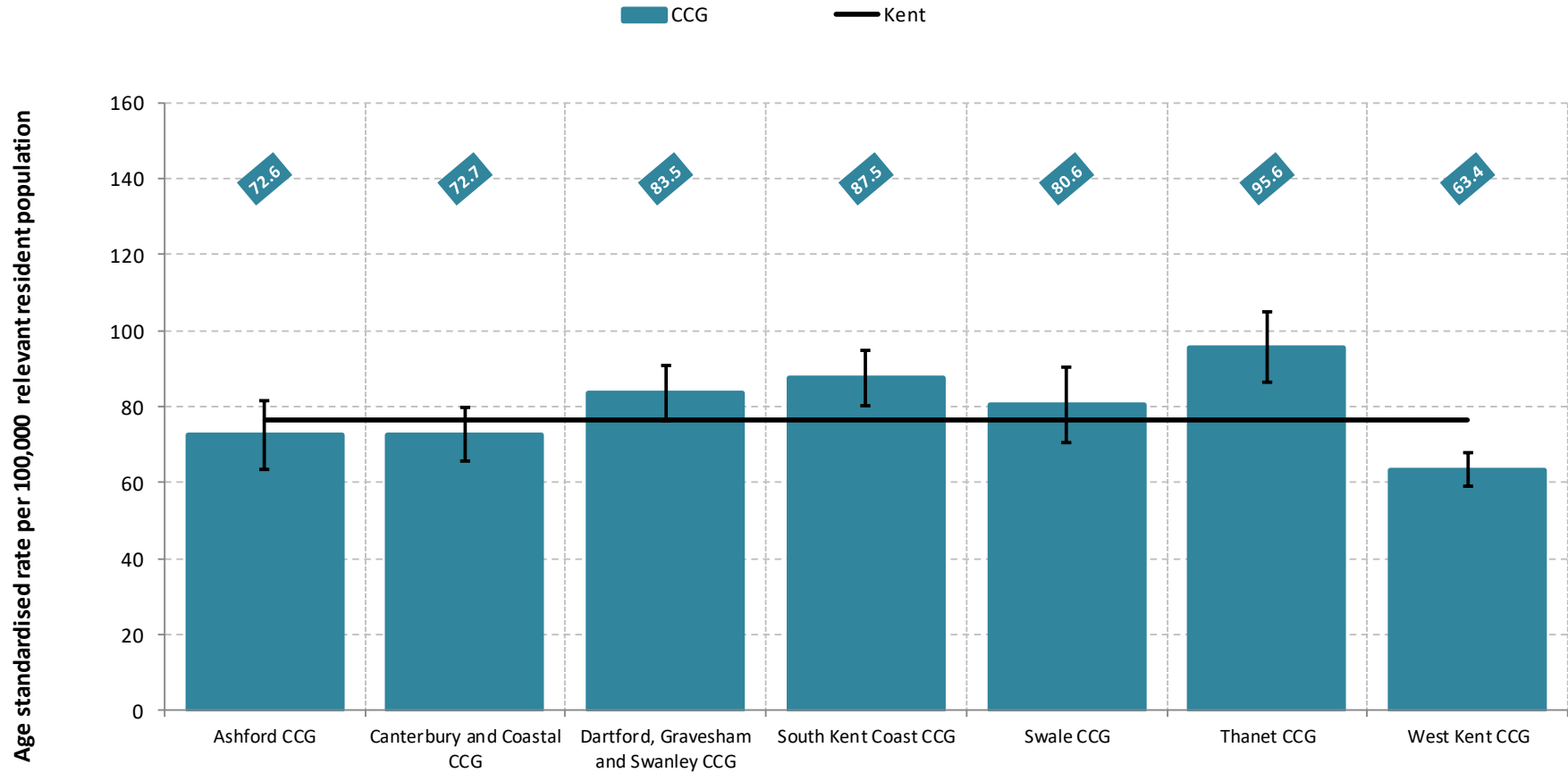
● Kent least deprived   ■ Kent most deprived

Least deprived trend - decreasing

Most deprived trend - increasing

Premature mortality from cancers considered preventable: by CCG

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C00-C16, C18-C22, C33-C34, C43, C45, C50, C53), 2015-2017

Legend: ▬ CCG ── Kent

CCG	Rate
Ashford CCG	72.6
Canterbury and Coastal CCG	72.7
Dartford, Gravesham and Swanley CCG	83.5
South Kent Coast CCG	87.5
Swale CCG	80.6
Thanet CCG	95.6
West Kent CCG	63.4

Y-axis: Age standardised rate per 100,000 relevant resident population

Premature mortality from cancers considered preventable: trend

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C00-C16, C18-C22, C33-C34, C43, C45, C50, C53), 2010 to 2017
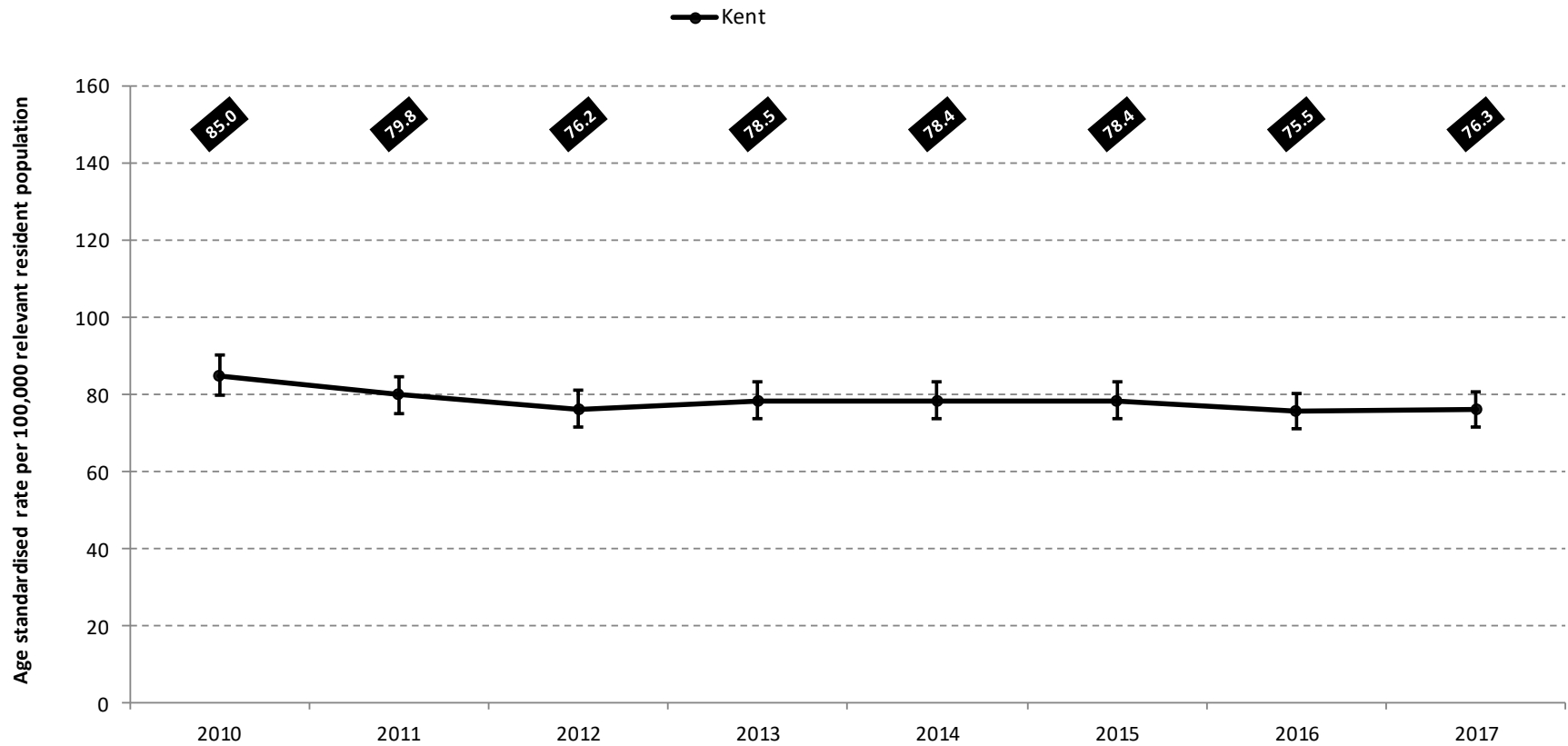

Legend: ━●━ Kent

Data labels: 85.0, 79.8, 76.2, 78.5, 78.4, 78.4, 75.5, 76.3

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 160)

X-axis: 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017

Premature mortality from cancers considered preventable: by deprivation

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: C00-C16, C18-C22, C33-C34, C43, C45, C50, C53), 2010 - 2012 to 2015 - 2017
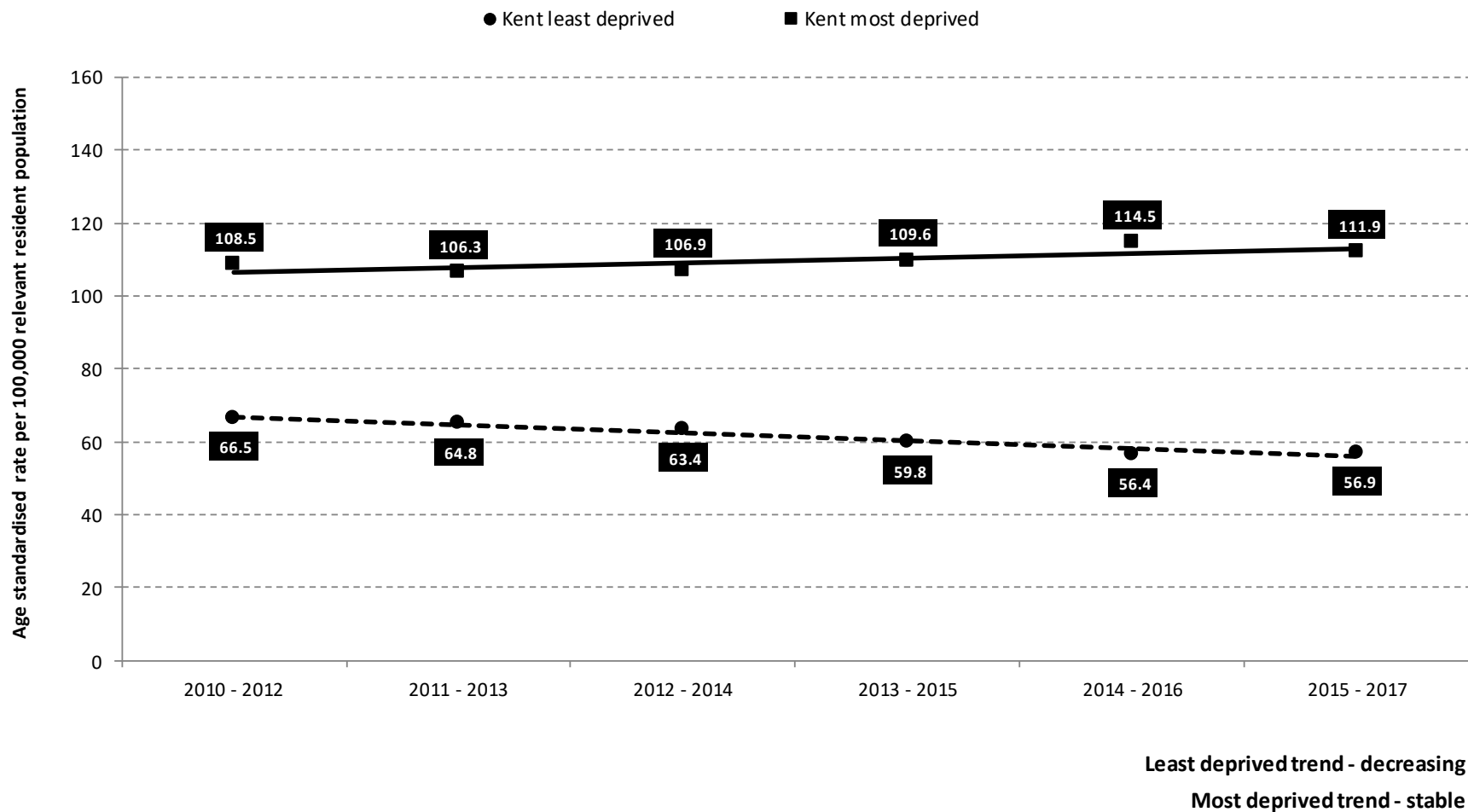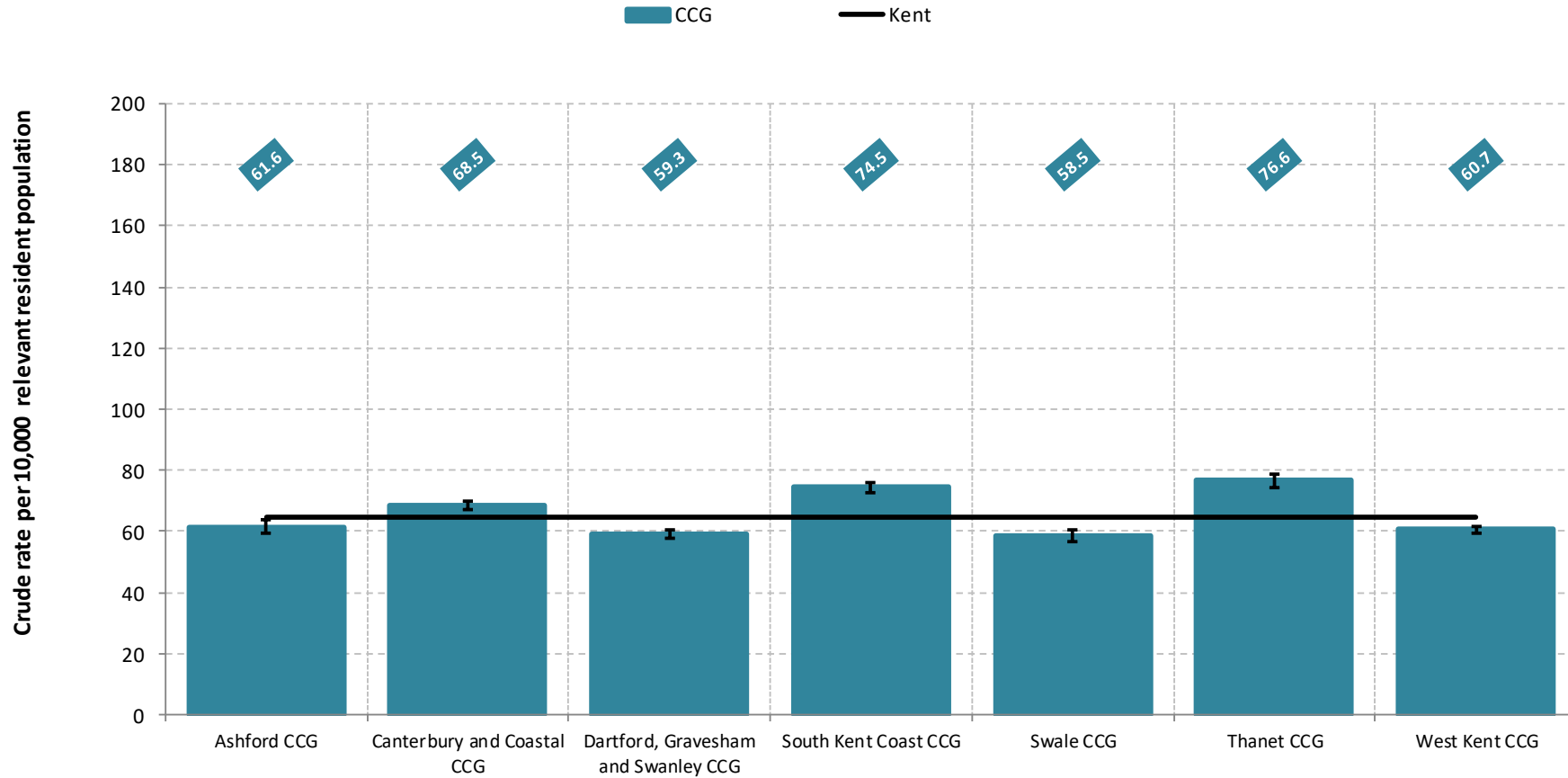
● Kent least deprived   ■ Kent most deprived

Least deprived trend - decreasing

Most deprived trend - stable

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

Cancer registrations - all ages: by CCG

All malignant cancers (ICD10 C00-C97) excluding Basal Cell Carcinoma of the skin (ICD10 C44, M8090 - M8098), crude rate per 10,000 population, 2012-2016

Legend: ■ CCG — Kent

Y-axis: Crude rate per 10,000 relevant resident population

| CCG	Value
Ashford CCG	61.6
Canterbury and Coastal CCG	68.5
Dartford, Gravesham and Swanley CCG	59.3
South Kent Coast CCG	74.5
Swale CCG	58.5
Thanet CCG	76.6
West Kent CCG	60.7

Source: The National Cancer Registration Service (NCRS), prepared by KPHO (RK), Feb-19

Cancer registrations - all ages: trend

All malignant cancers (ICD10 C00-C97) excluding Basal Cell Carcinoma of the skin (ICD10 C44, M8090 - M8098), crude rate per 10,000 population, 2008-2012 - 2012-2016
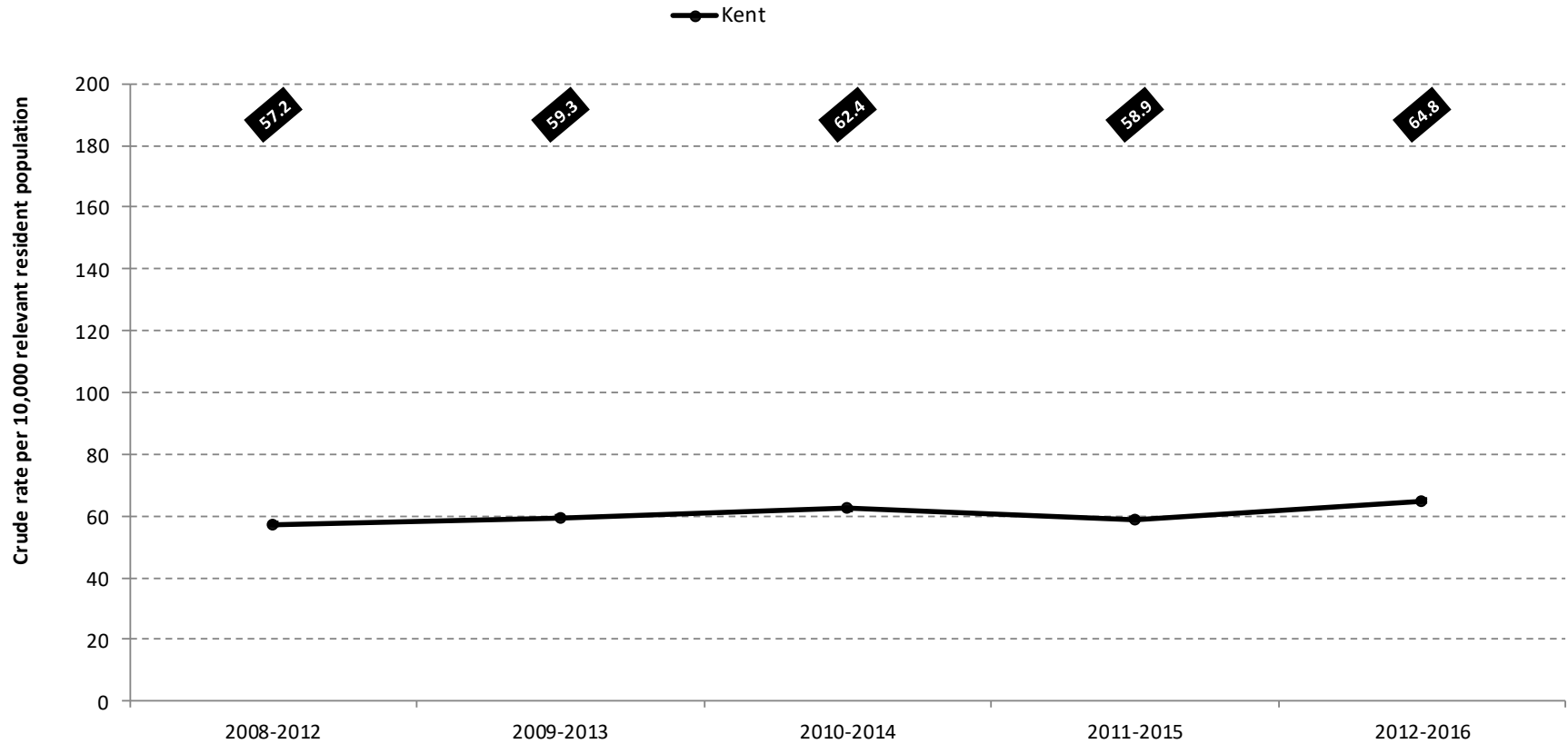
Source: Source: The National Cancer Registration Service (NCRS), prepared by KPHO (RK), Feb-19

Cancer registrations - under 75's: by CCG

All malignant cancers (ICD10 C00-C97) excluding Basal Cell Carcinoma of the skin (ICD10 C44, M8090 - M8098), crude rate per 10,000 population, 2012-2016

Source: The National Cancer Registration Service (NCRS), prepared by KPHO (RK), Feb-19

Cancer registrations - under 75's: trend

All malignant cancers (ICD10 C00-C97) excluding Basal Cell Carcinoma of the skin (ICD10 C44, M8090 - M8098), crude rate per 10,000 population, 2008-2012 - 2012-2016
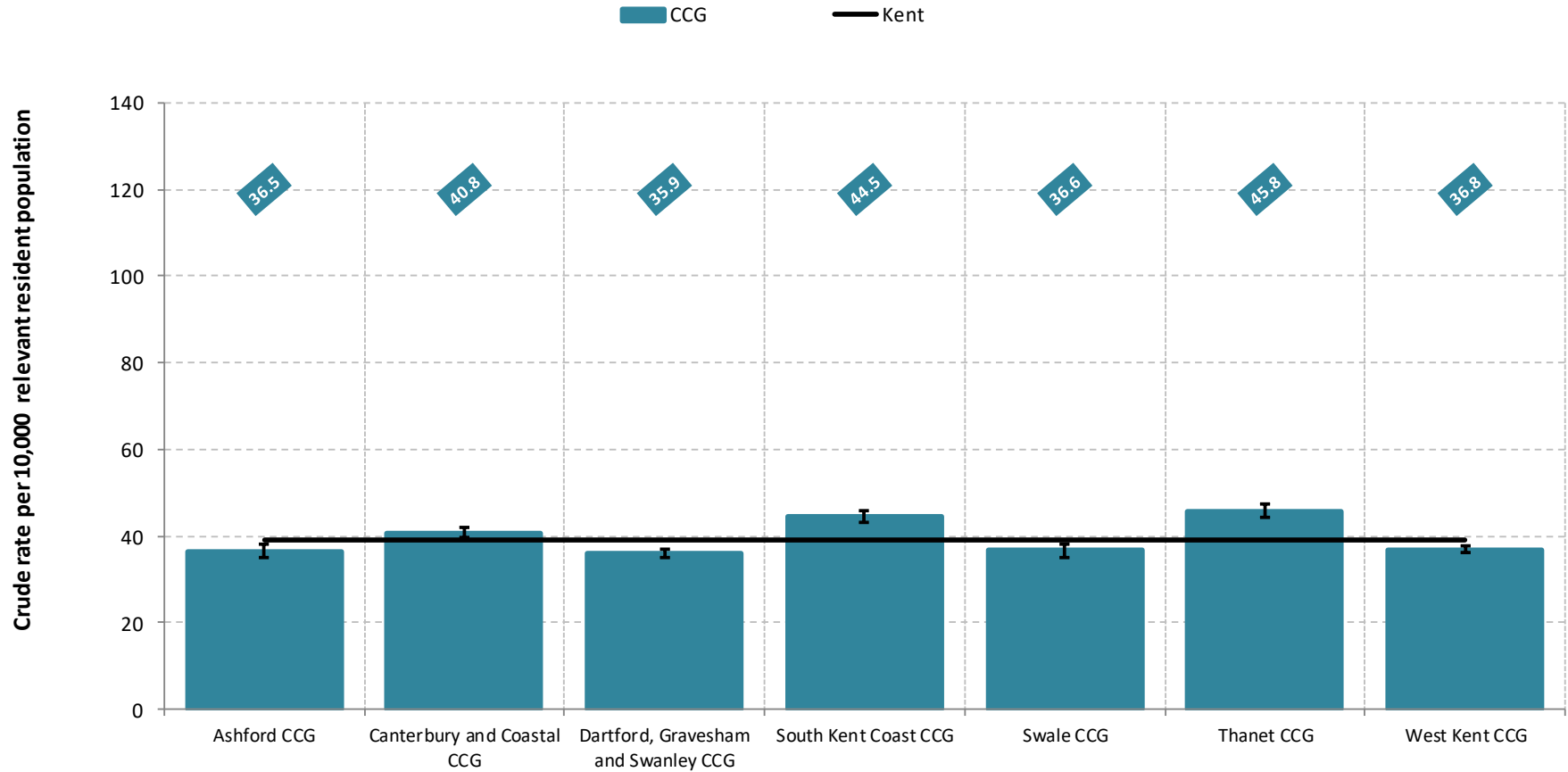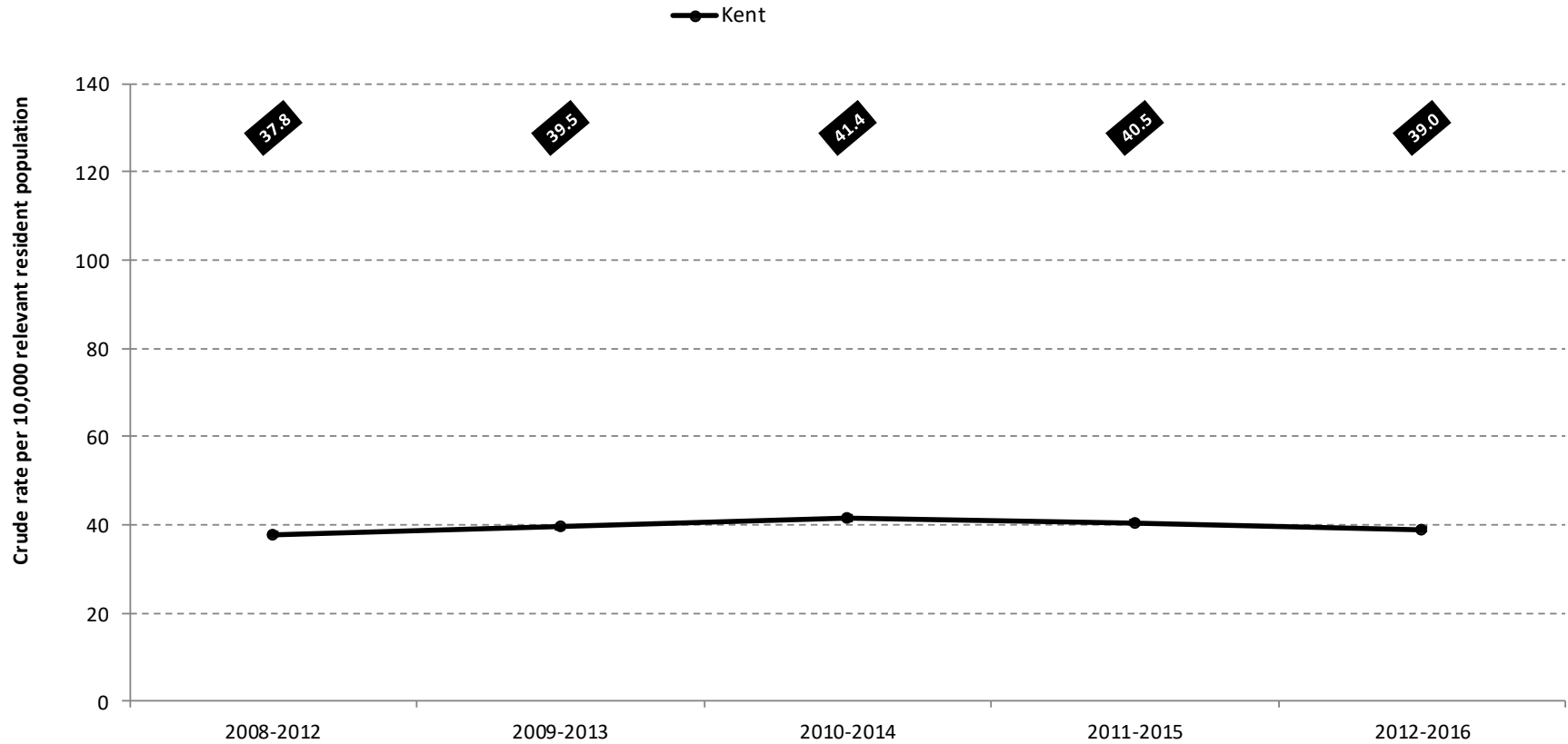

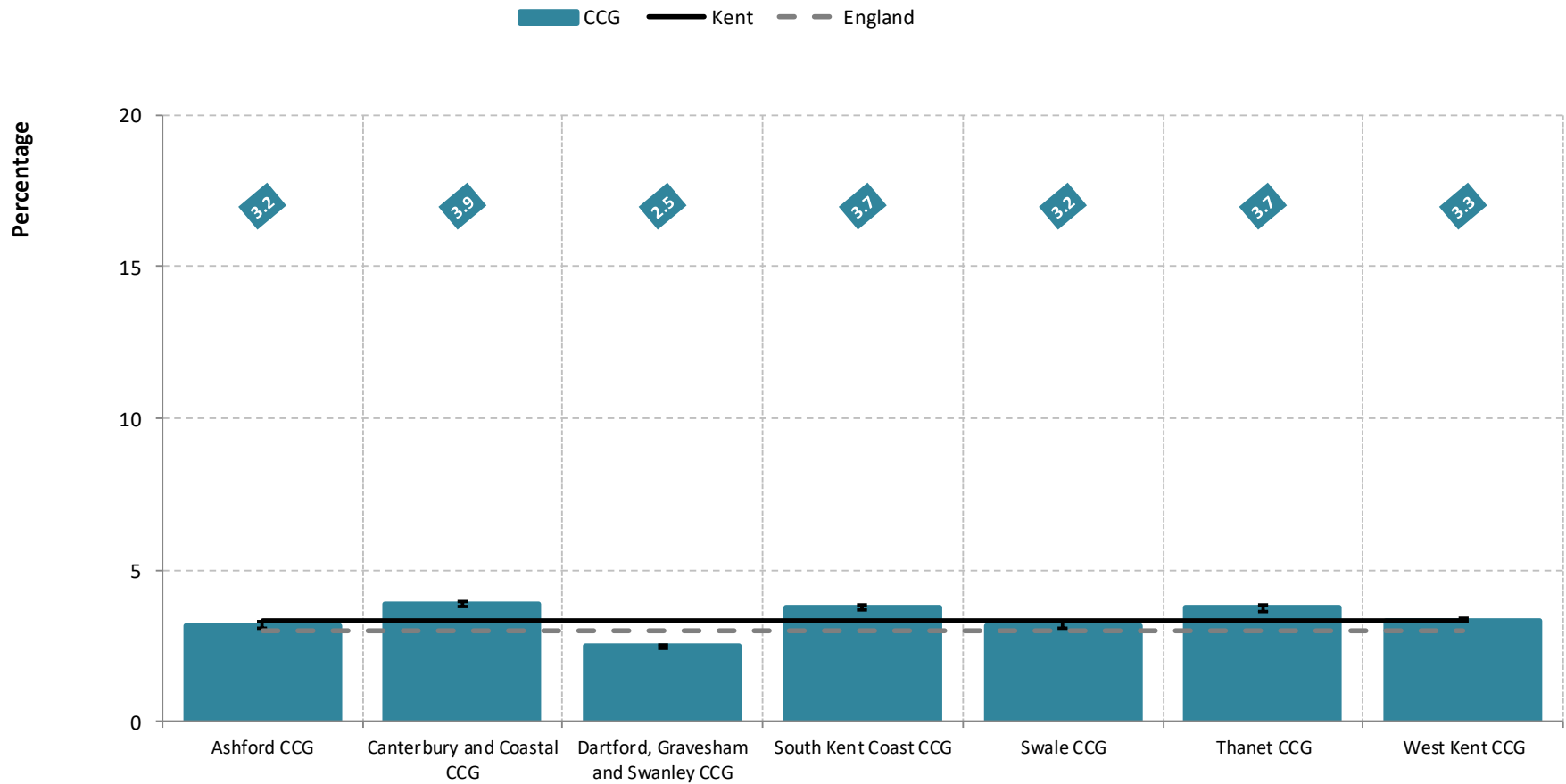Legend: Kent

Period	Crude rate per 10,000
2008-2012	37.8
2009-2013	39.5
2010-2014	41.4
2011-2015	40.5
2012-2016	39.0

Y-axis: Crude rate per 10,000 relevant resident population

Recorded cancer prevalence: by CCG

Percentage of patients recorded on GP QOF registers as having cancer, excluding non-melanoma skin cancer, 2018/19

Legend: ■ CCG ── Kent ‐ ‐ England

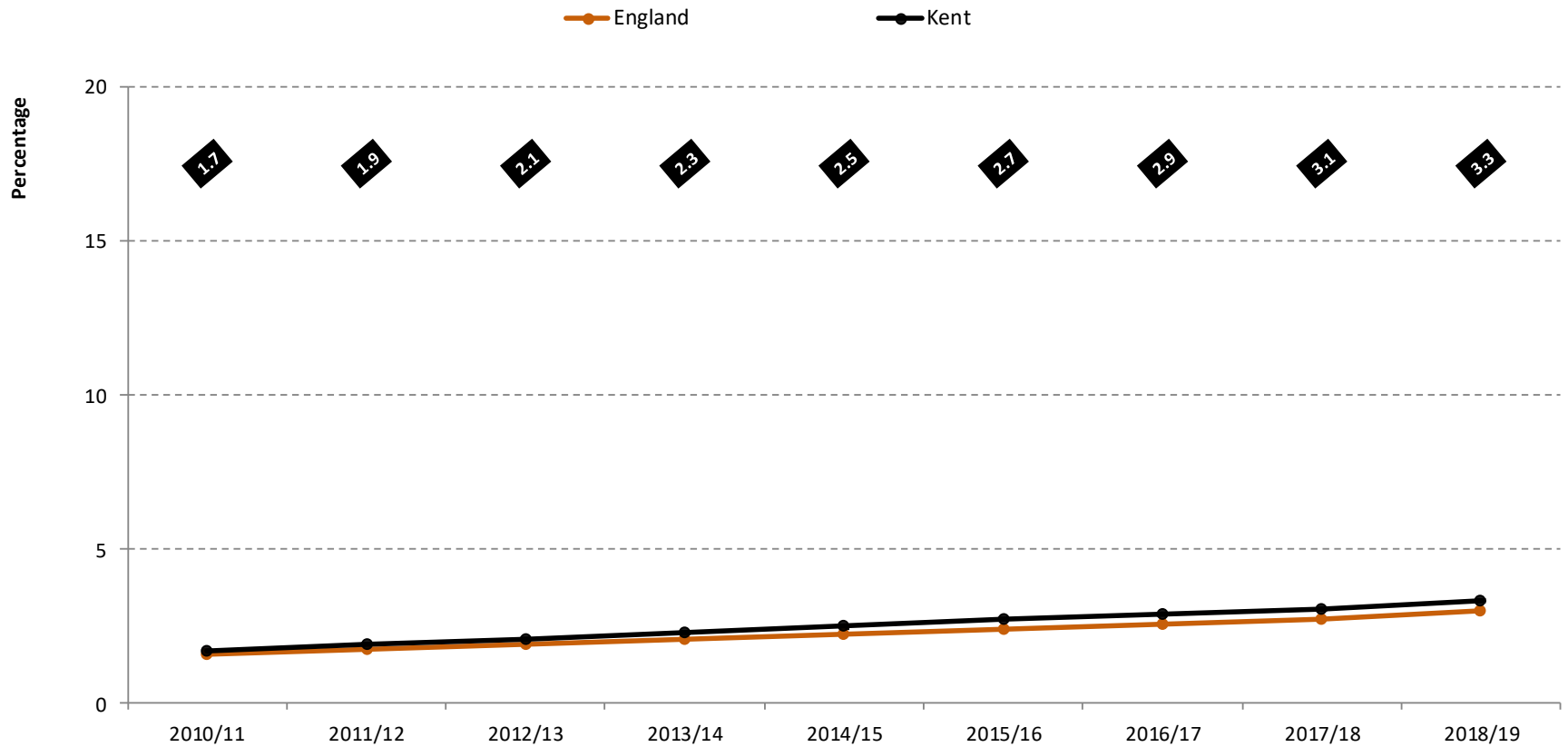| CCG	Value
Ashford CCG	3.2
Canterbury and Coastal CCG	3.9
Dartford, Gravesham and Swanley CCG	2.5
South Kent Coast CCG	3.7
Swale CCG	3.2
Thanet CCG	3.7
West Kent CCG	3.3

Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded cancer prevalence: trend

Percentage of patients recorded on GP QOF registers as having cancer, excluding non-melanoma skin cancer, 2010/11 to 2018/19

Percentage

England ——●—— Kent

| 1.7 | 1.9 | 2.1 | 2.3 | 2.5 | 2.7 | 2.9 | 3.1 | 3.3 |

2010/11 · 2011/12 · 2012/13 · 2013/14 · 2014/15 · 2015/16 · 2016/17 · 2017/18 · 2018/19

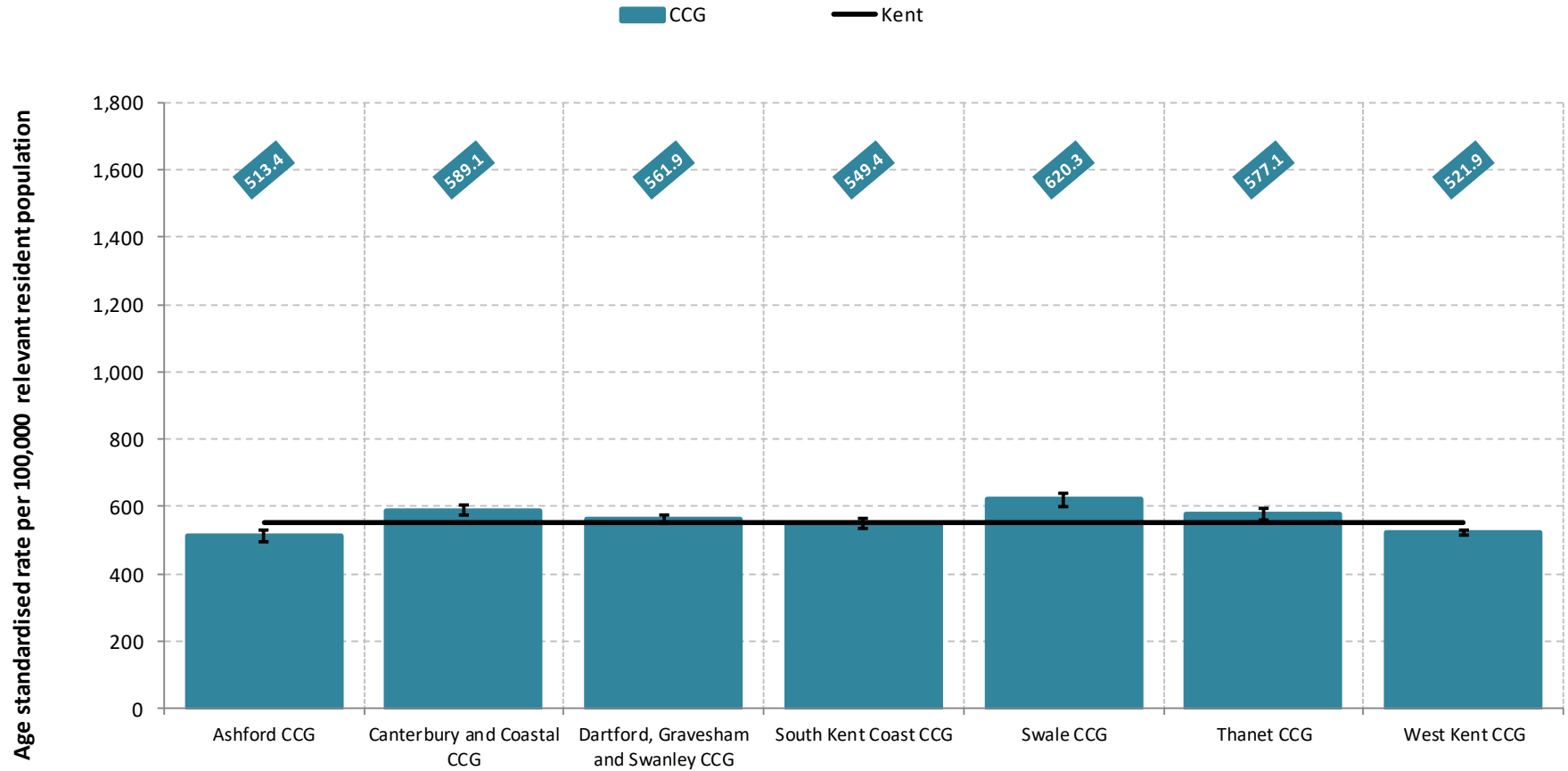**Increasing with a faster pace of change than England**

Source: QOF, prepared by KPHO (ZC), Dec-19

Emergency hospital admissions with cancer: by CCG

Age standardised rate per 100,000 resident population, ICD-10: C00-C97, D00-D09, D33, D37-D48, 2014/15-2018/19

Legend: CCG, Kent

Y-axis: Age standardised rate per 100,000 relevant resident population

Values:
- Ashford CCG: 513.4
- Canterbury and Coastal CCG: 589.1
- Dartford, Gravesham and Swanley CCG: 561.9
- South Kent Coast CCG: 549.4
- Swale CCG: 620.3
- Thanet CCG: 577.1
- West Kent CCG: 521.9

Emergency hospital admissions with cancer: trend

Age standardised rate per 100,000 resident population, ICD-10: C00-C97, D00-D09, D33, D37-D48, 2011/12 - 2015/16 to 2014/15 - 2018/19
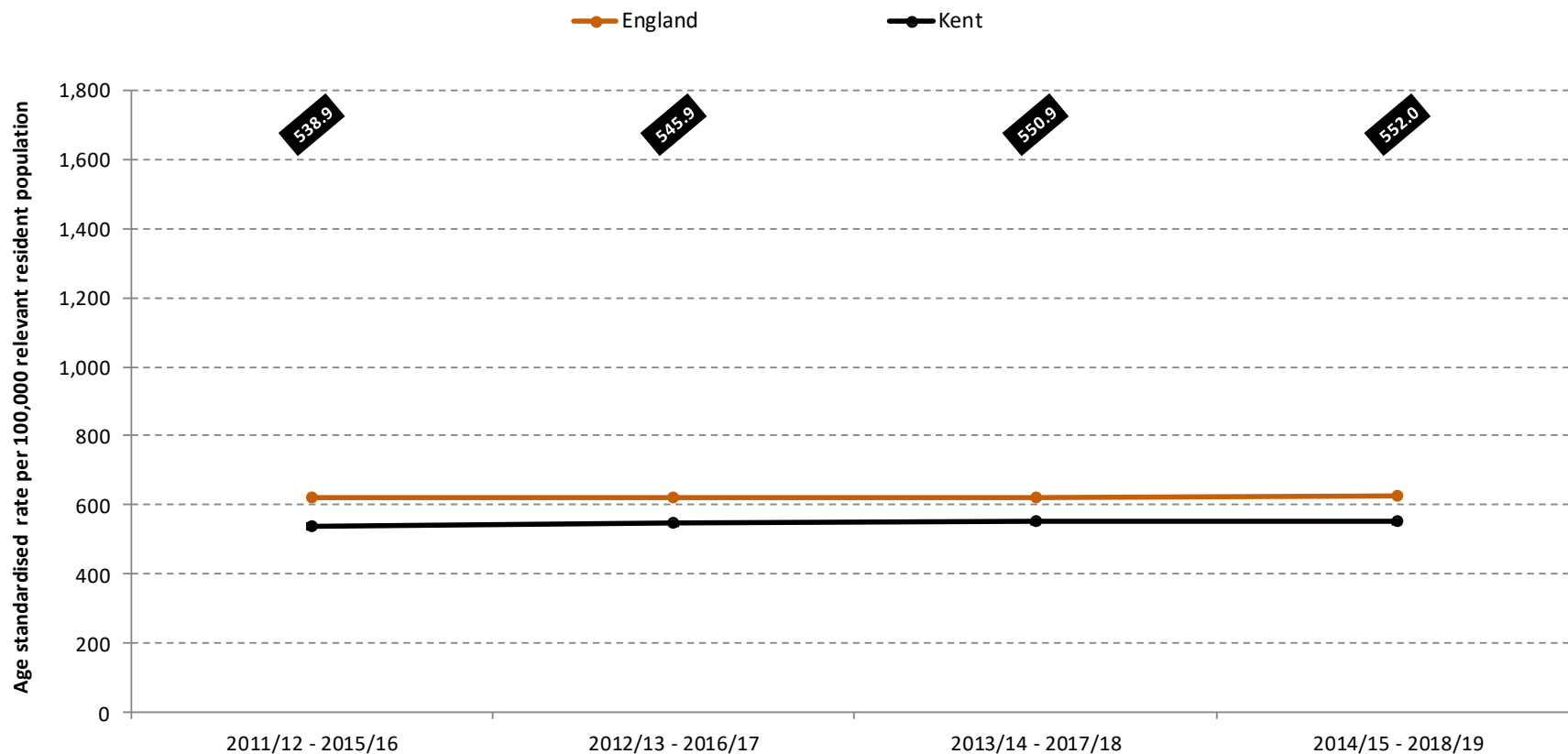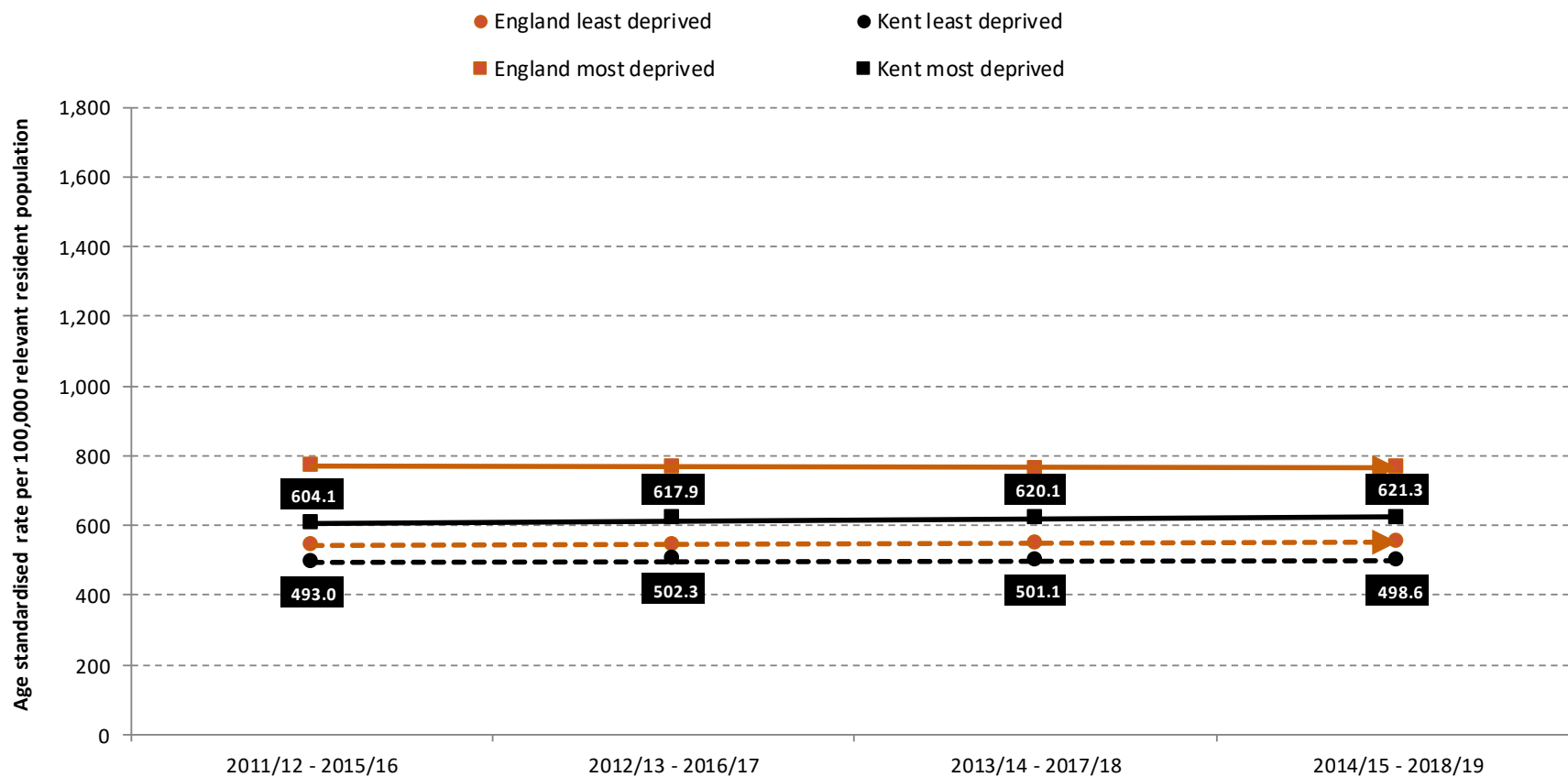

Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Dec-19

Emergency hospital admissions with cancer: by deprivation

Age standardised rate per 100,000 resident population, ICD-10: C00-C97, D00-D09, D33, D37-D48, 2011/12 - 2015/16 to 2014/15 - 2018/19

- ● England least deprived
- ● Kent least deprived
- ■ England most deprived
- ■ Kent most deprived

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

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

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

Bowel cancer screening rate (60-74): by CCG

Percentage of persons aged 60-74 screened for bowel cancer in the last 30 months, 2018/19

Legend: CCG — Kent -- England

Percentage values by CCG:
- Ashford CCG: 62.7
- Canterbury and Coastal CCG: 63.1
- Dartford, Gravesham and Swanley CCG: 58.4
- South Kent Coast CCG: 62.2
- Swale CCG: 59.1
- Thanet CCG: 60.1
- West Kent CCG: 64.4
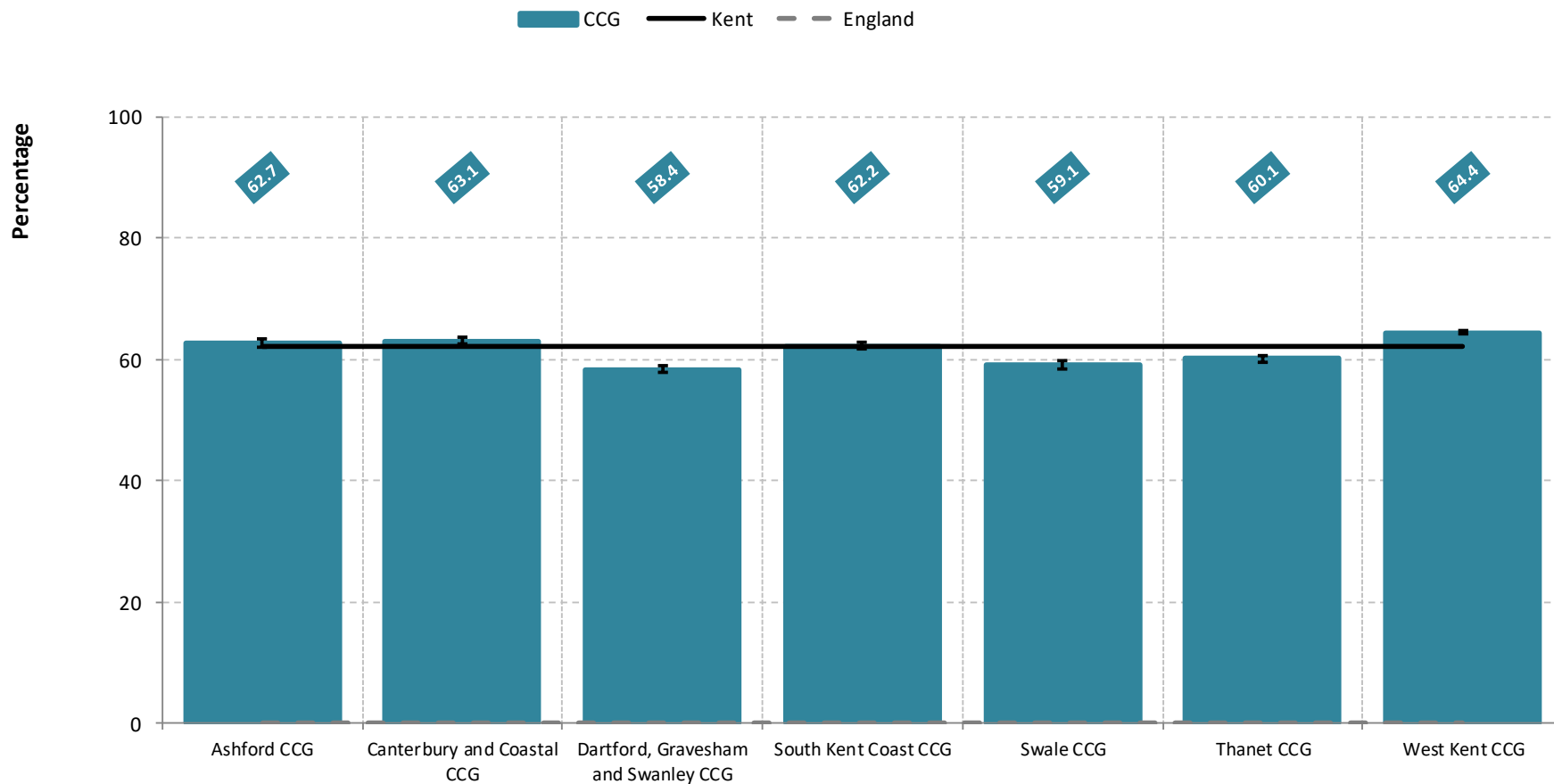
Source: Open Exeter, prepared by KPHO (MP), Jan-20

Bowel cancer screening rate (60-74): trend

Percentage of persons aged 60-74 screened for bowel cancer in the last 30 months, 2010/11 to 2018/19

Legend: ●— England   ●— Kent

Data labels (Kent): 41.8, 50.5, 53.1, 56.5, 58.3, 60.0, 60.9, 61.2, 62.0

X-axis: 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18, 2018/19

Y-axis: Percentage (0, 20, 40, 60, 80, 100)

Increasing with a similar pace of change to England

Source: Open Exeter, prepared by KPHO (MP), Jan-20

Breast cancer screening rate: by CCG

Percentage of women aged 50-70 screened for breast cancer in the last 36 months, 2018/19

CCG ▬▬ Kent - - England

Percentage

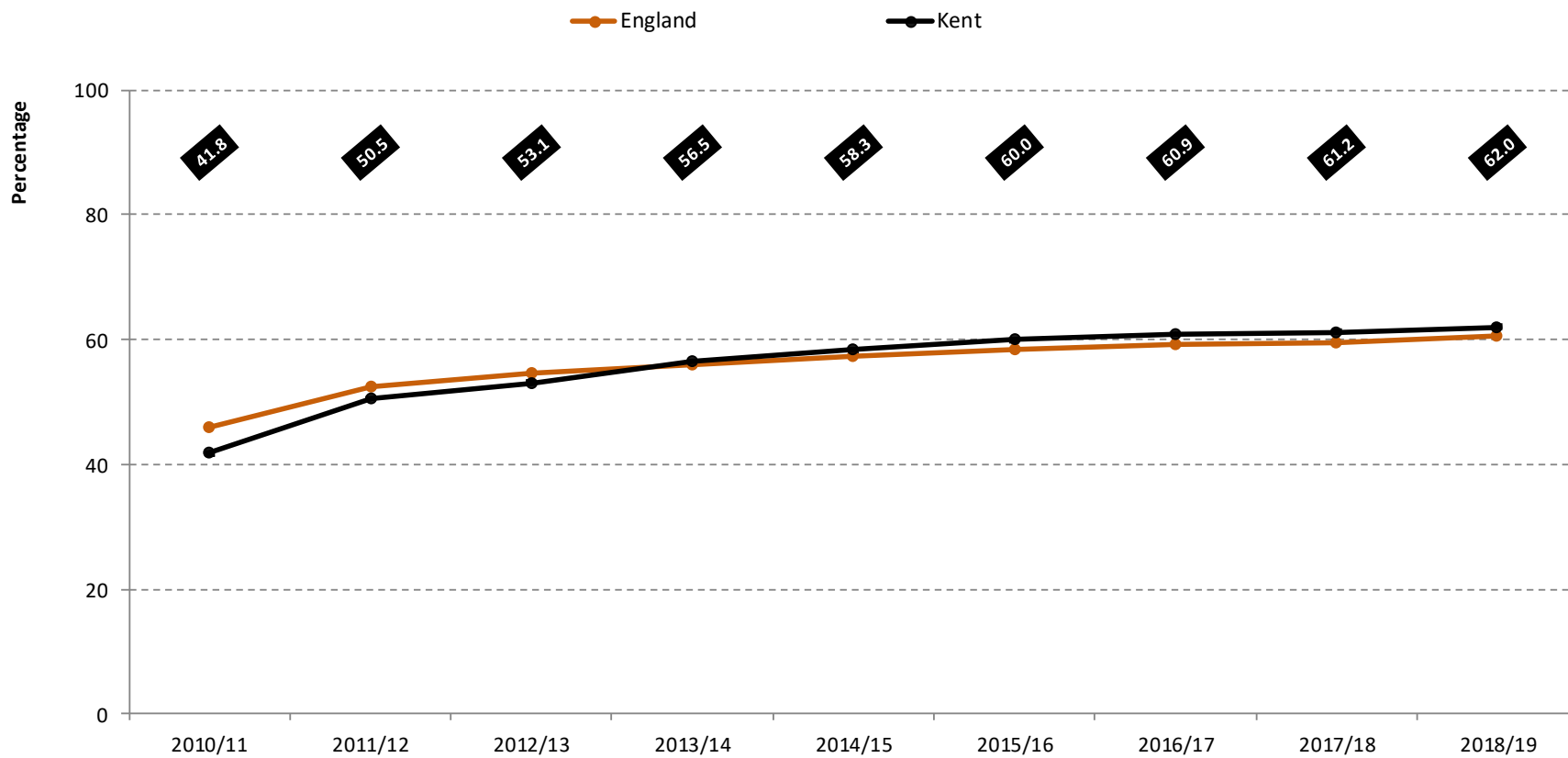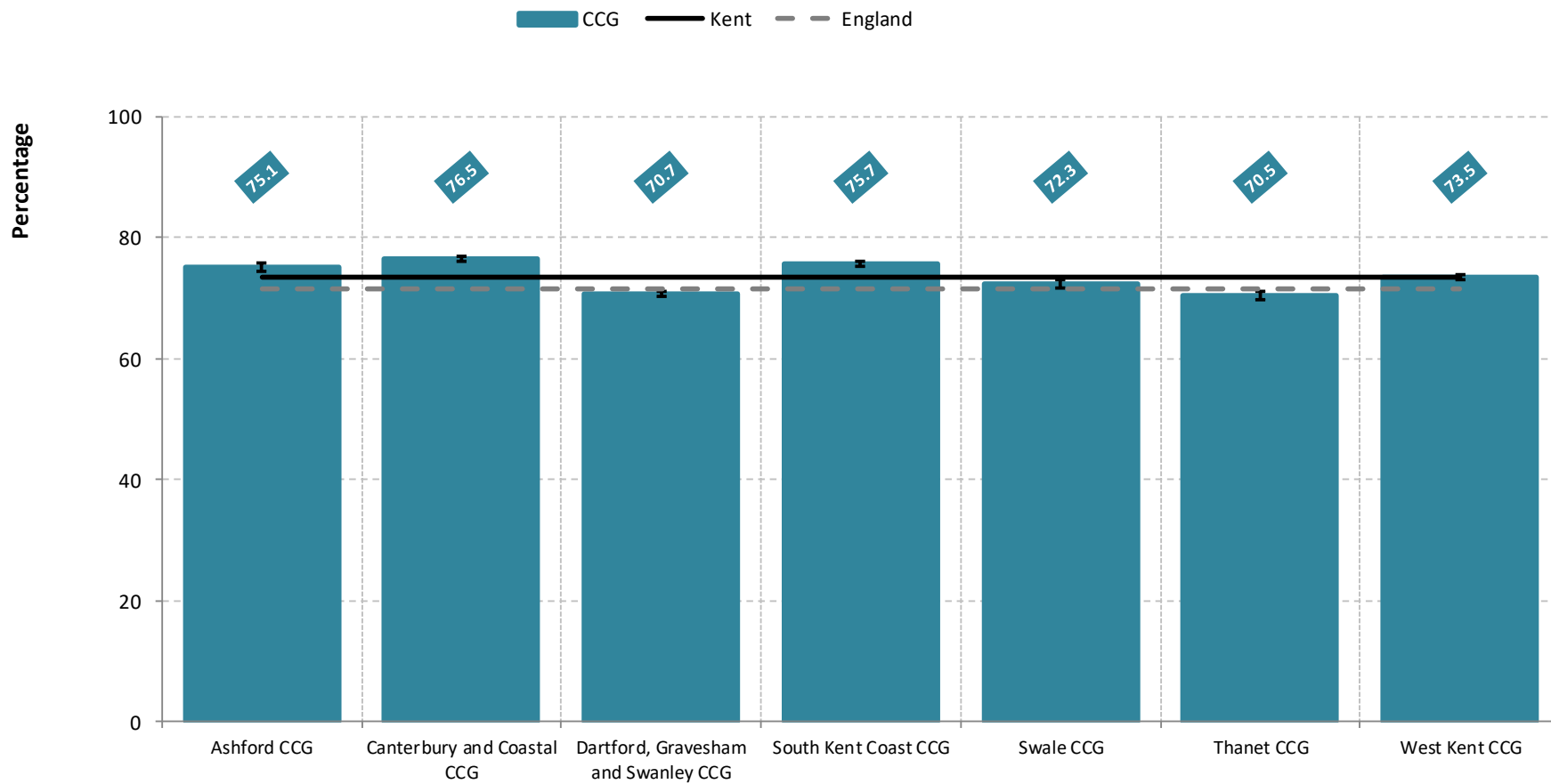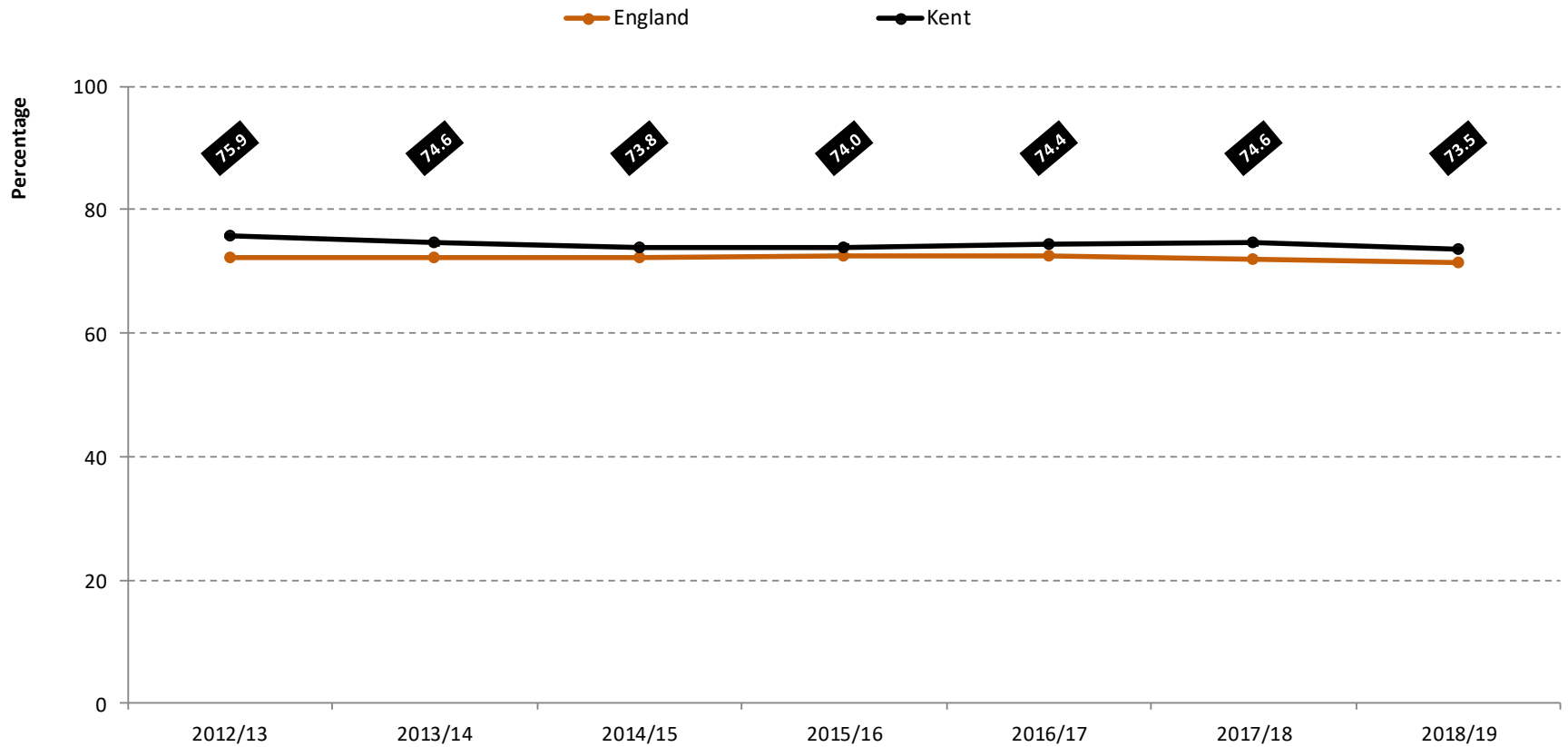| CCG	Value
Ashford CCG	75.1
Canterbury and Coastal CCG	76.5
Dartford, Gravesham and Swanley CCG	70.7
South Kent Coast CCG	75.7
Swale CCG	72.3
Thanet CCG	70.5
West Kent CCG	73.5

Source: Open Exeter, prepared by KPHO (MP), Jan-20

Breast cancer screening rate: trend

Percentage of women aged 50-70 screened for breast cancer in the last 36 months, 2012/13 to 2018/19

Legend: England, Kent

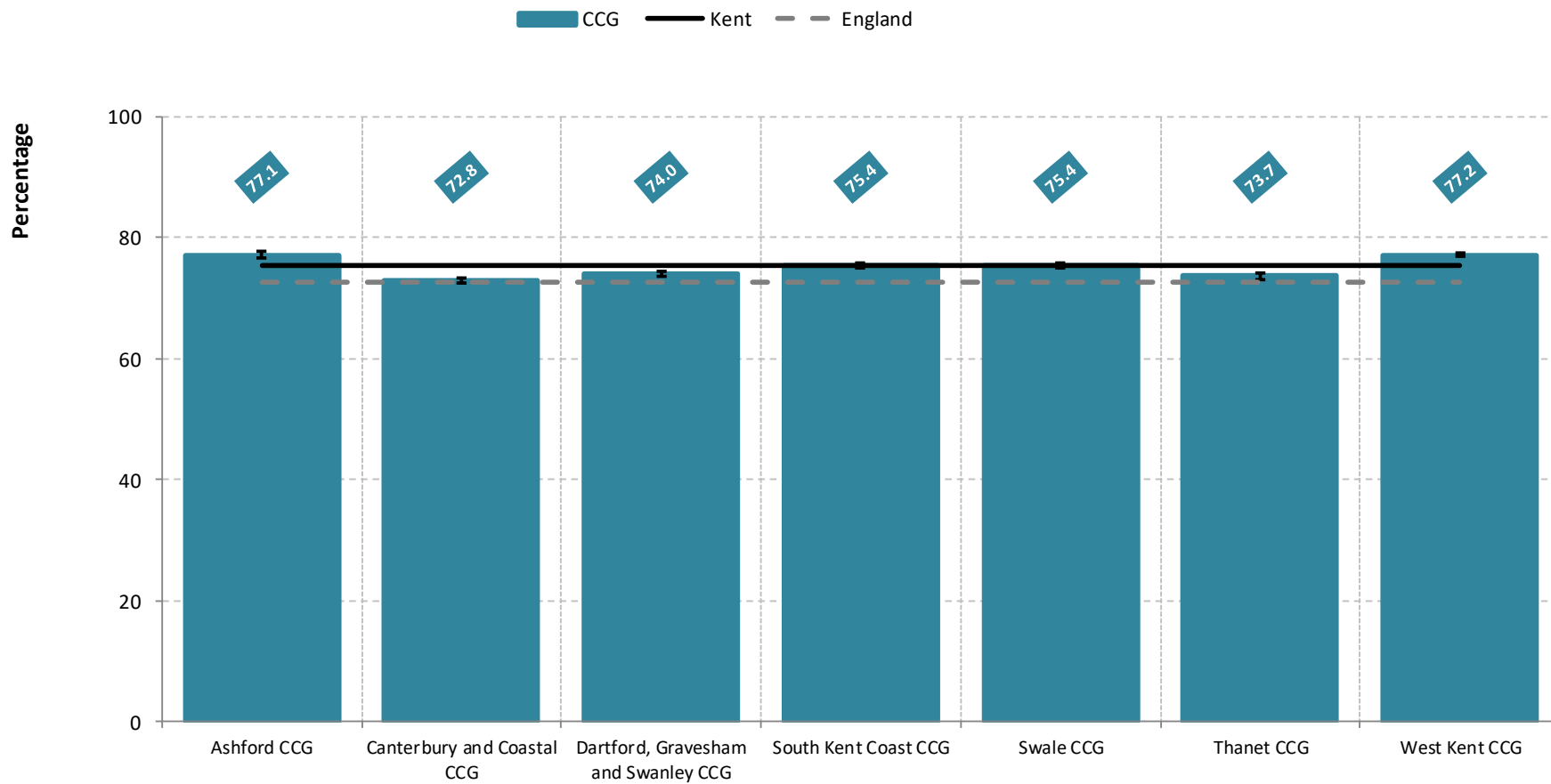| Year	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Kent	75.9	74.6	73.8	74.0	74.4	74.6	73.5

Stable with a similar pace of change to England

Source: Open Exeter, prepared by KPHO (MP), Jan-20

Cervical cancer screening rate: by CCG

Percentage of women aged 25-64 screened for cervical cancer within the target period, 2018/19

Legend: CCG ▬ Kent ▬ ▬ England

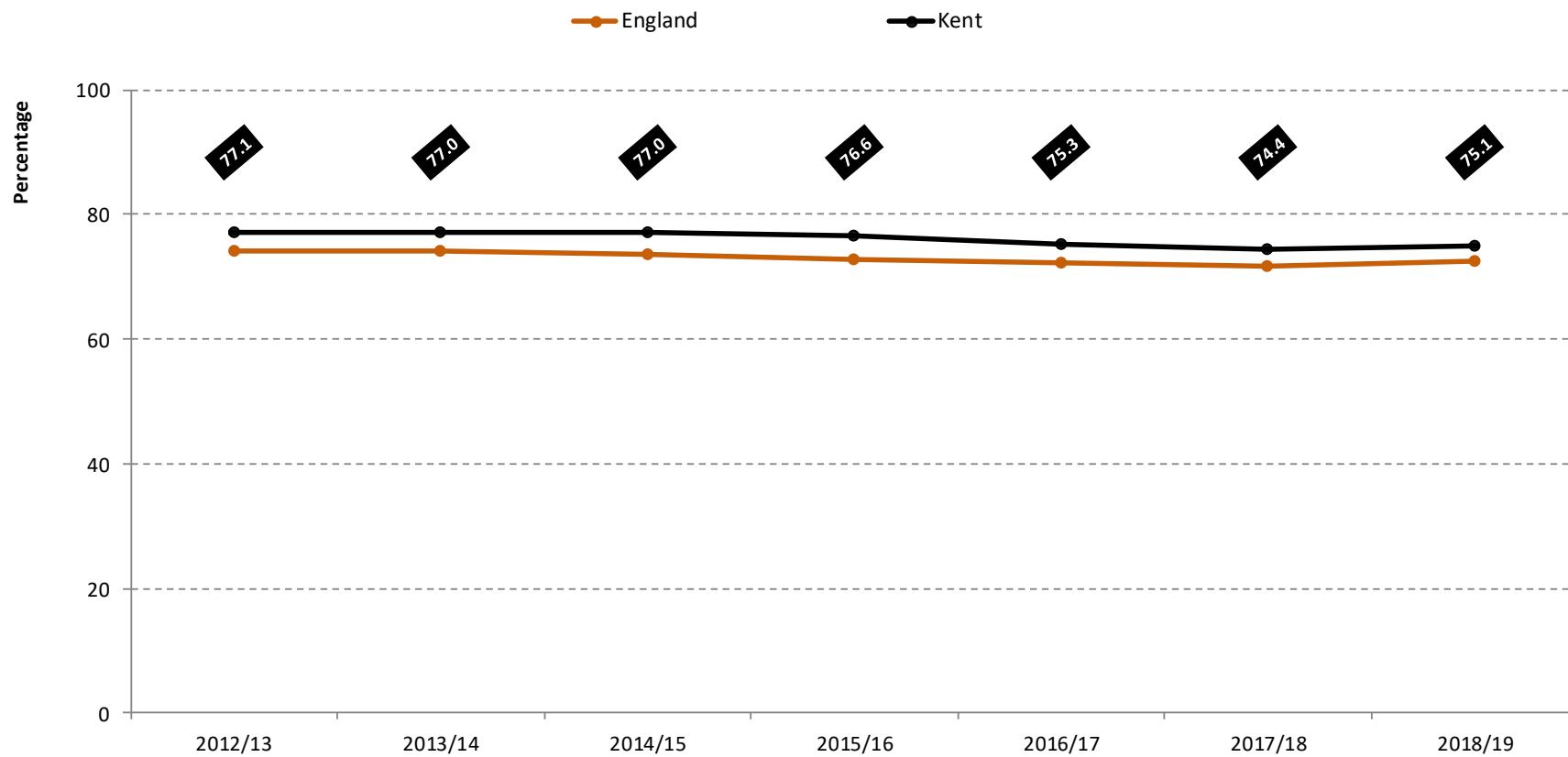| CCG	Value
Ashford CCG	77.1
Canterbury and Coastal CCG	72.8
Dartford, Gravesham and Swanley CCG	74.0
South Kent Coast CCG	75.4
Swale CCG	75.4
Thanet CCG	73.7
West Kent CCG	77.2

Source: Open Exeter, prepared by KPHO (MP), Jan-20

Cervical cancer screening rate: trend

Percentage of women aged 25-64 screened for cervical cancer within the target period, 2012/13 to 2018/19

Legend: —●— England   —●— Kent

Kent data labels: 77.1, 77.0, 77.0, 76.6, 75.3, 74.4, 75.1

X-axis: 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18, 2018/19

Y-axis: Percentage (0, 20, 40, 60, 80, 100)

Decreasing with a similar pace of change to England

Source: Fingertips, prepared by KPHO (ZC), Jan-20

Respiratory disease

Premature mortality from respiratory disease

Hospital admissions for respiratory disease
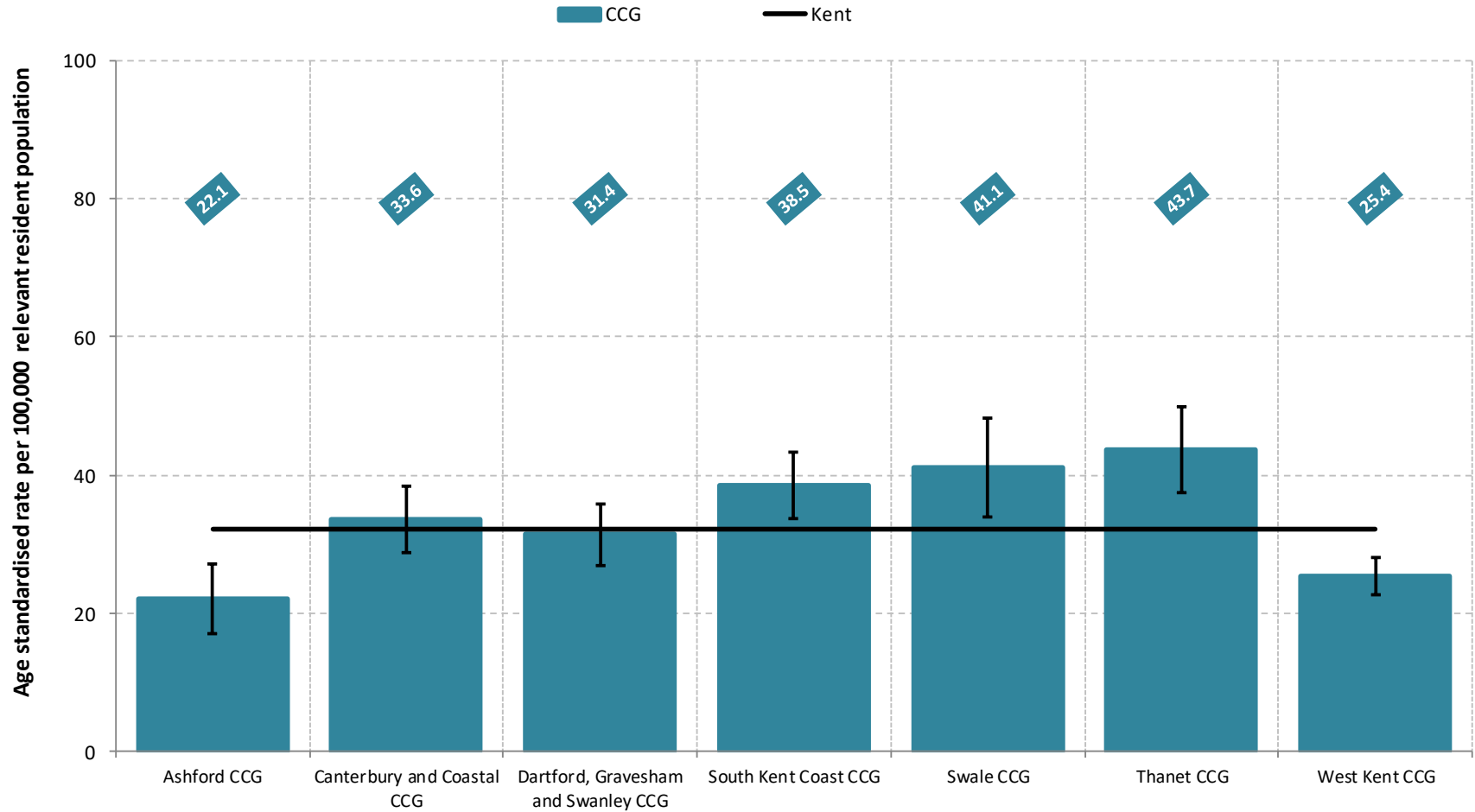
COPD prevalence

Undiagnosed COPD (estimated)

Hospital admissions for COPD

Asthma prevalence

Premature mortality from respiratory disease: by CCG

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: J00-J99) , 2015-2017

Legend: ■ CCG ▬ Kent

Y-axis: Age standardised rate per 100,000 relevant resident population

| CCG	Value
Ashford CCG	22.1
Canterbury and Coastal CCG	33.6
Dartford, Gravesham and Swanley CCG	31.4
South Kent Coast CCG	38.5
Swale CCG	41.1
Thanet CCG	43.7
West Kent CCG	25.4

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

Premature mortality from respiratory disease: trend

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: J00-J99) , 2009 - 2011 to 2015 - 2017
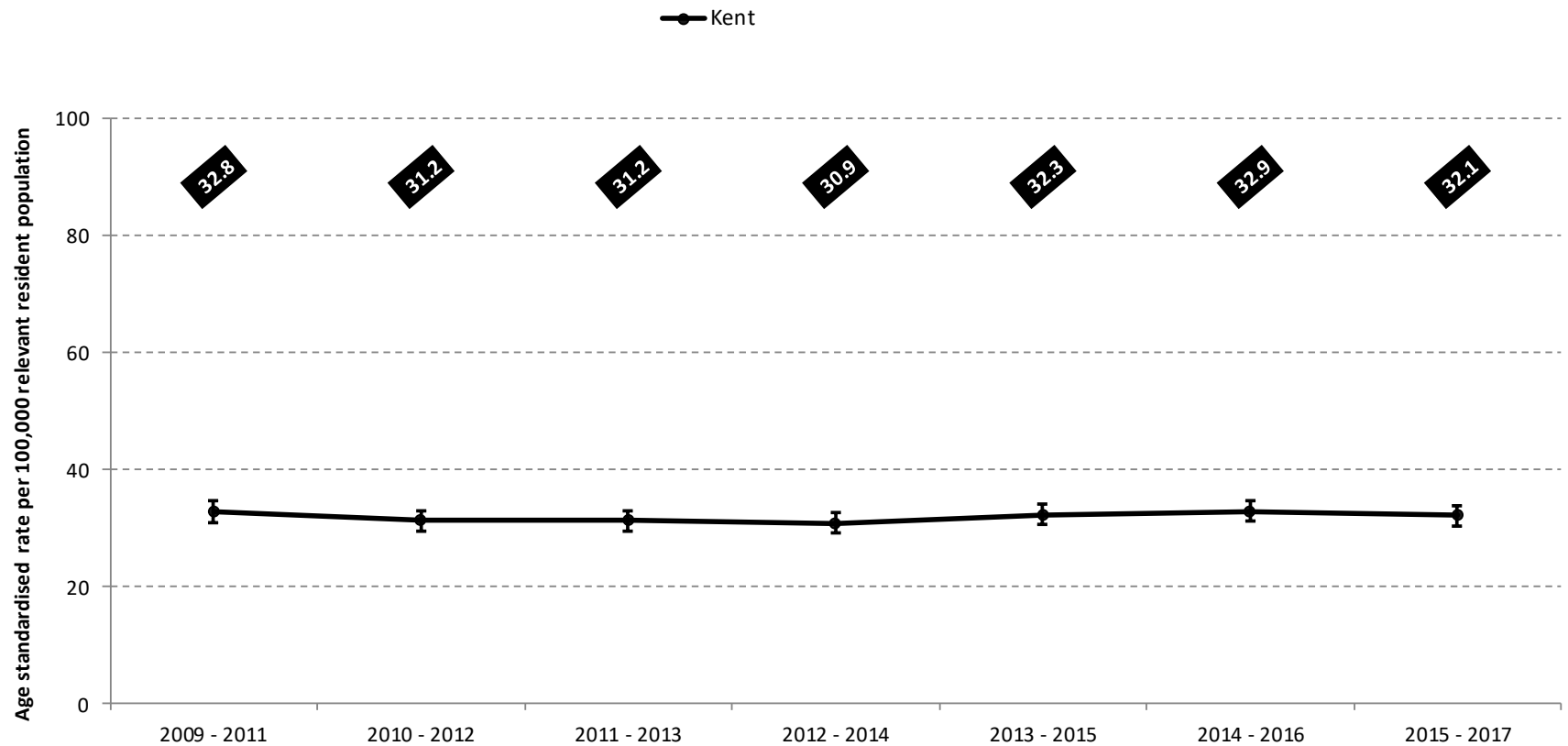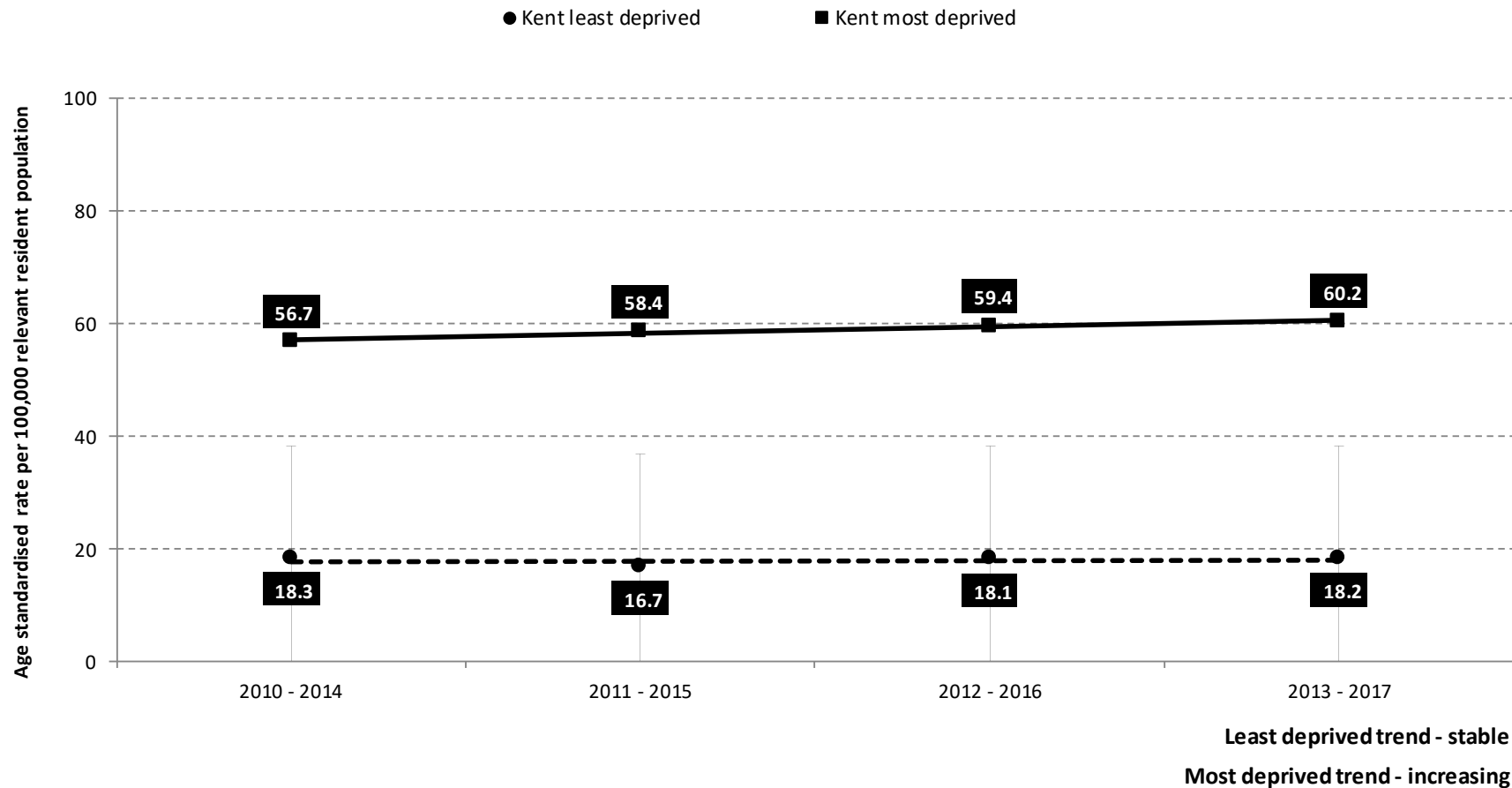

Source: PCMD, prepared by KPHO (RK), Nov-18

Premature mortality from respiratory disease: by deprivation

Age standardised rate per 100,000 people aged under 75 years, classified by underlying cause of death (ICD-10: J00-J99) , 2010 - 2014 to 2013 - 2017

● Kent least deprived   ■ Kent most deprived

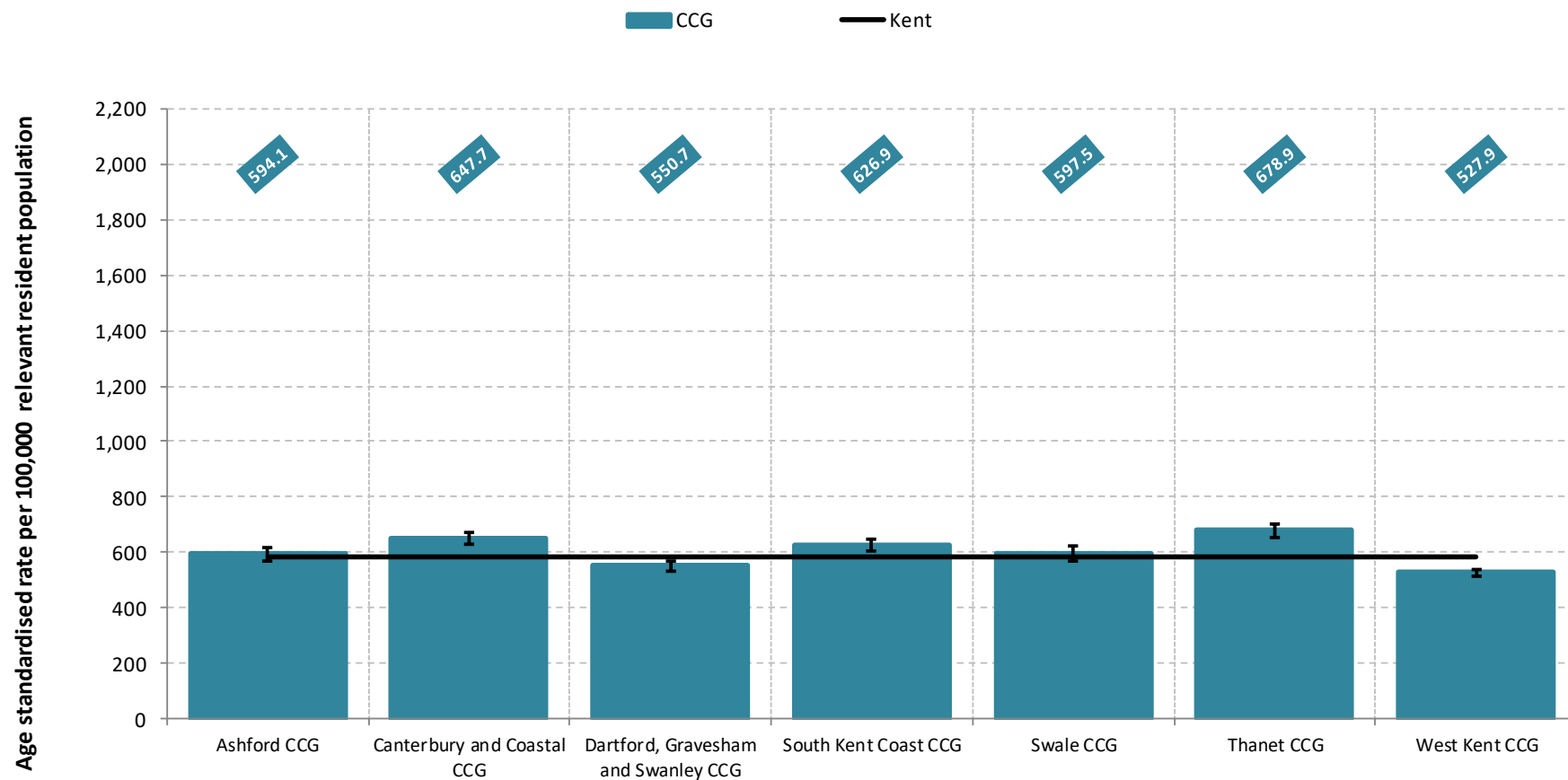Least deprived trend - stable

Most deprived trend - increasing

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

Emergency hospital admissions for all respiratory disease for persons aged 20 to 64 years: by CCG

Age standardised rate per 100,000 people aged 20-64, ICD-10: J00-J99 in primary, 2014/15-2018/19

Legend: CCG, Kent

Age standardised rate per 100,000 relevant resident population

CCG	Rate
Ashford CCG	594.1
Canterbury and Coastal CCG	647.7
Dartford, Gravesham and Swanley CCG	550.7
South Kent Coast CCG	626.9
Swale CCG	597.5
Thanet CCG	678.9
West Kent CCG	527.9

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

Emergency hospital admissions for all respiratory disease for persons aged 20 to 64 years: trend

Age standardised rate per 100,000 people aged 20-64, ICD-10: J00-J99 in primary, 2011/12 - 2015/16 to 2014/15 - 2018/19

Legend: — England — Kent

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 2,200)

Kent data labels: 492.6, 522.9, 546.8, 582.1

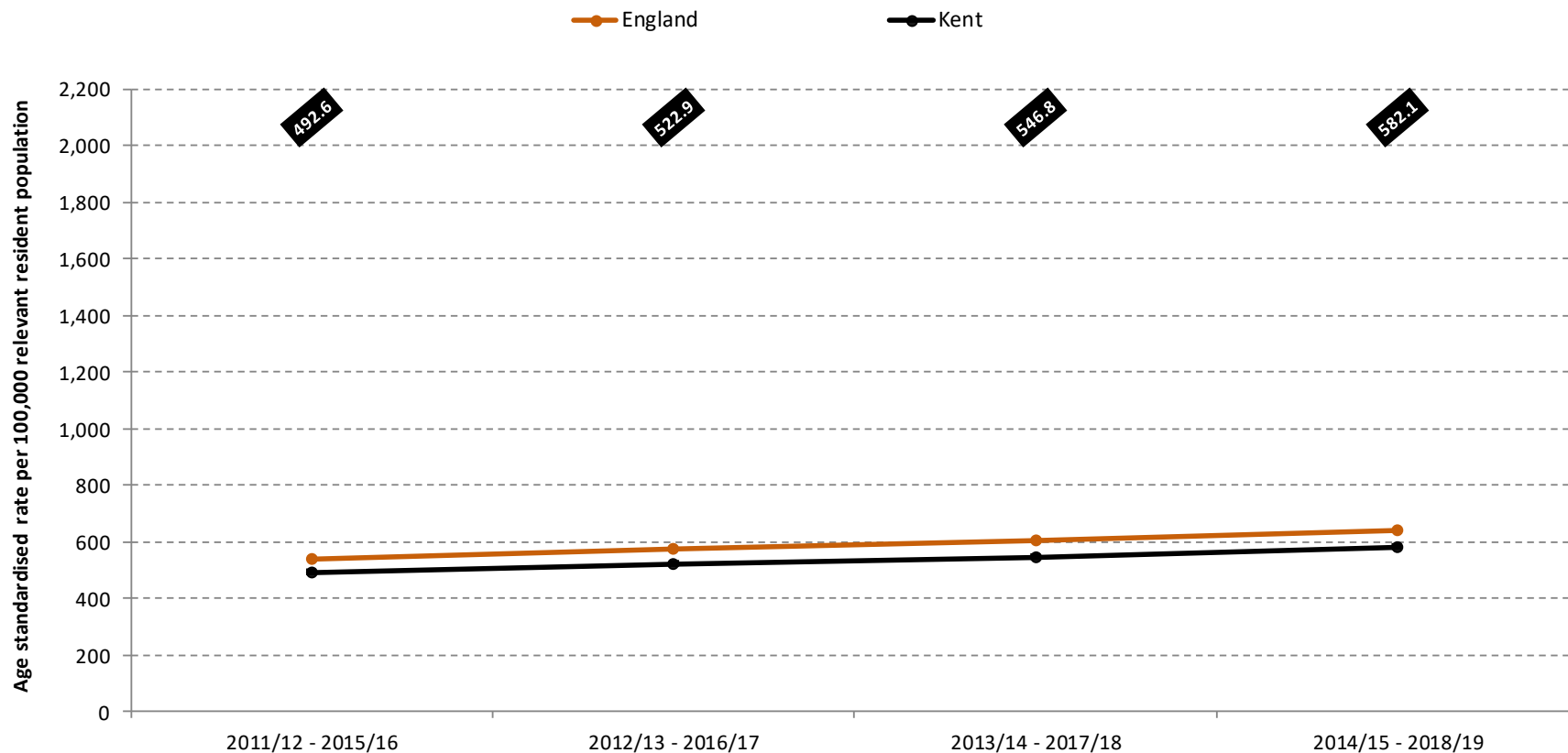**X-axis categories:** 2011/12 - 2015/16, 2012/13 - 2016/17, 2013/14 - 2017/18, 2014/15 - 2018/19
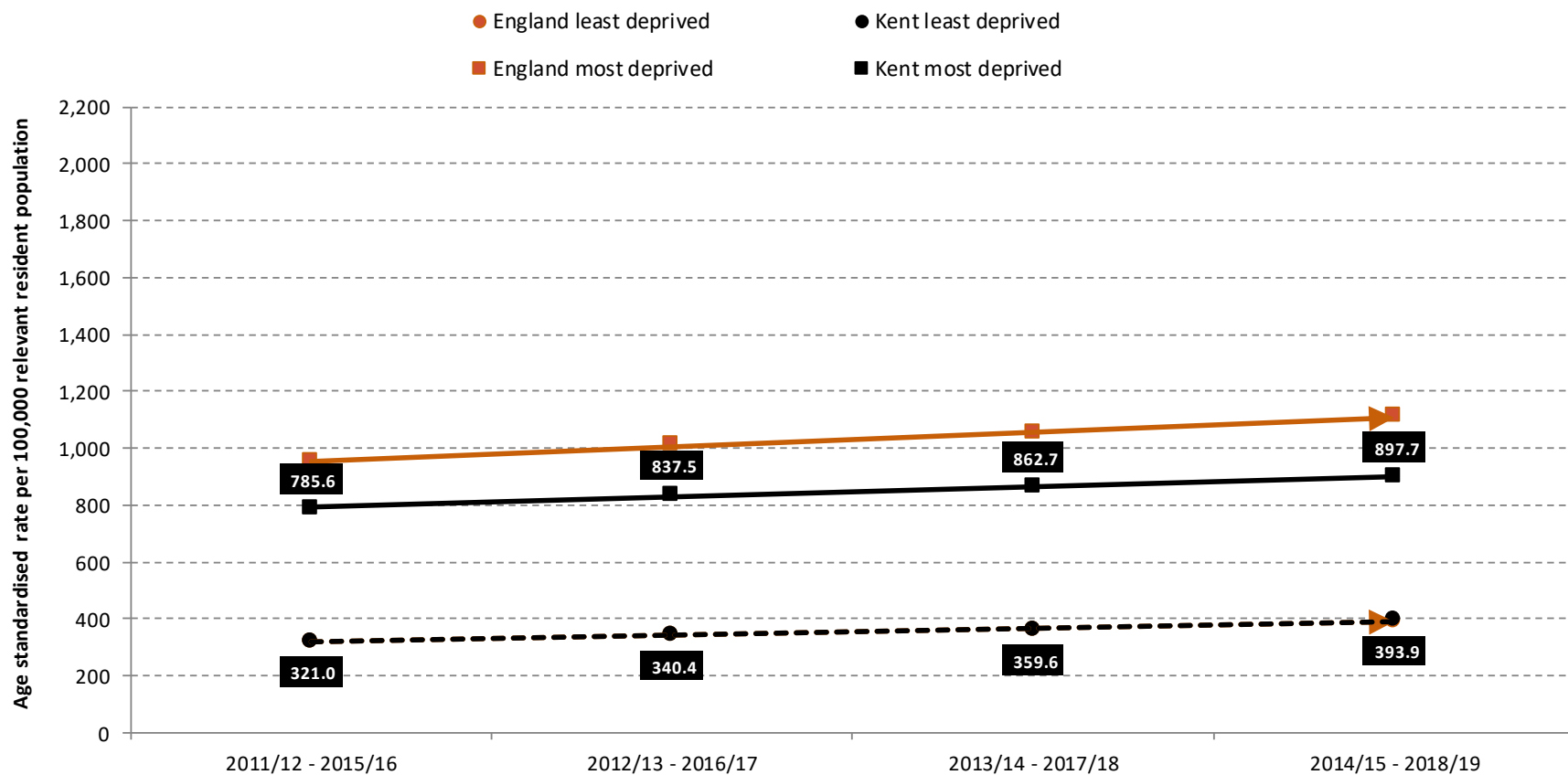
Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (MP), Dec-19

Emergency hospital admissions for all respiratory disease for persons aged 20 to 64 years: by deprivation

Age standardised rate per 100,000 people aged 20-64, ICD-10: J00-J99 in primary, 2011/12 - 2015/16 to 2014/15 - 2018/19

- ● England least deprived
- ● Kent least deprived
- ■ England most deprived
- ■ Kent most deprived

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

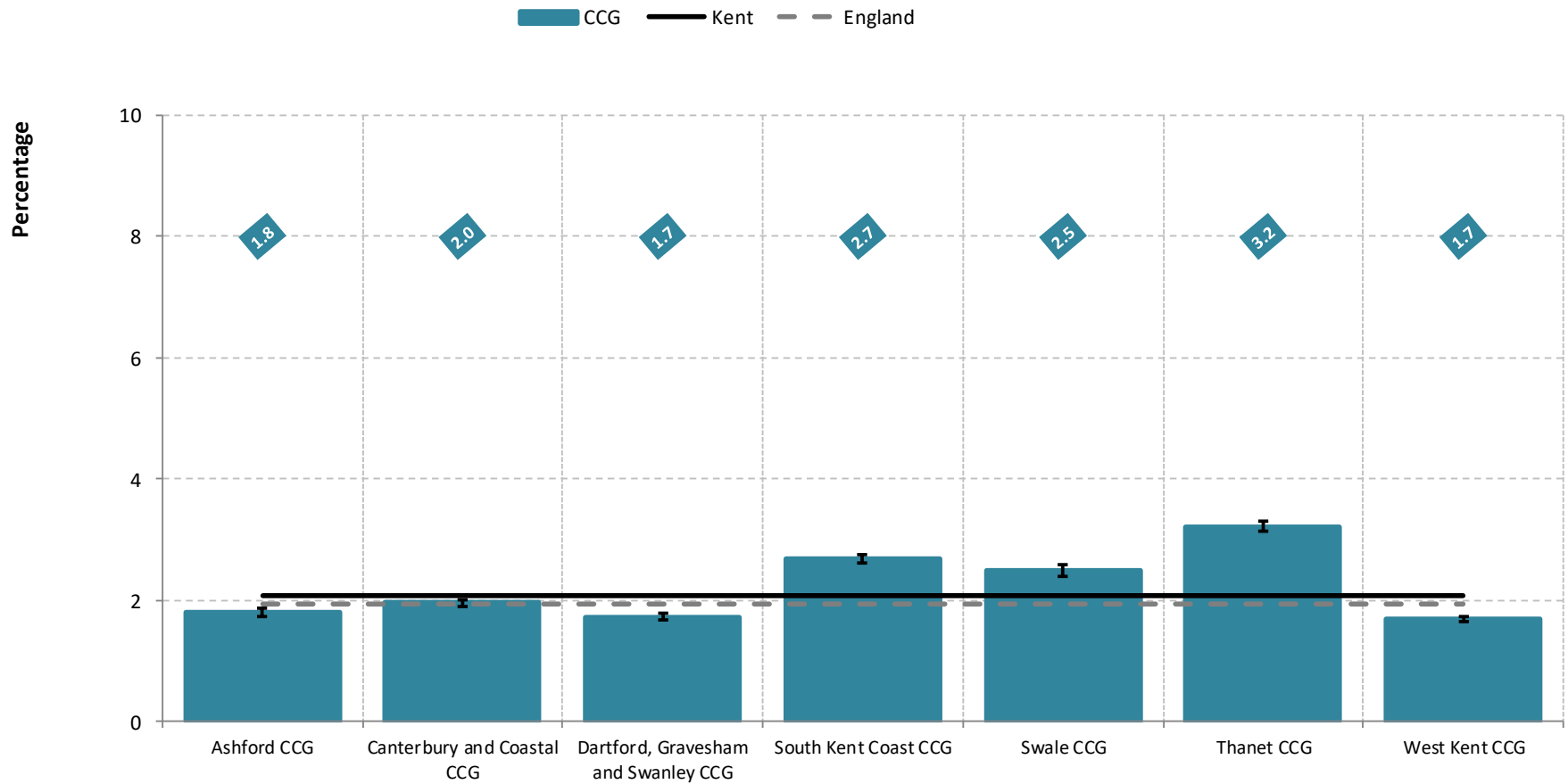**Most deprived trend - increasing with a similar pace of change to England**

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

Recorded COPD prevalence: by CCG

Percentage of patients recorded on GP QOF registers as having COPD, 2018/19

Legend: ■ CCG — Kent – – England

Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded COPD prevalence: trend

Percentage of patients recorded on GP QOF registers as having COPD, 2010/11 to 2018/19
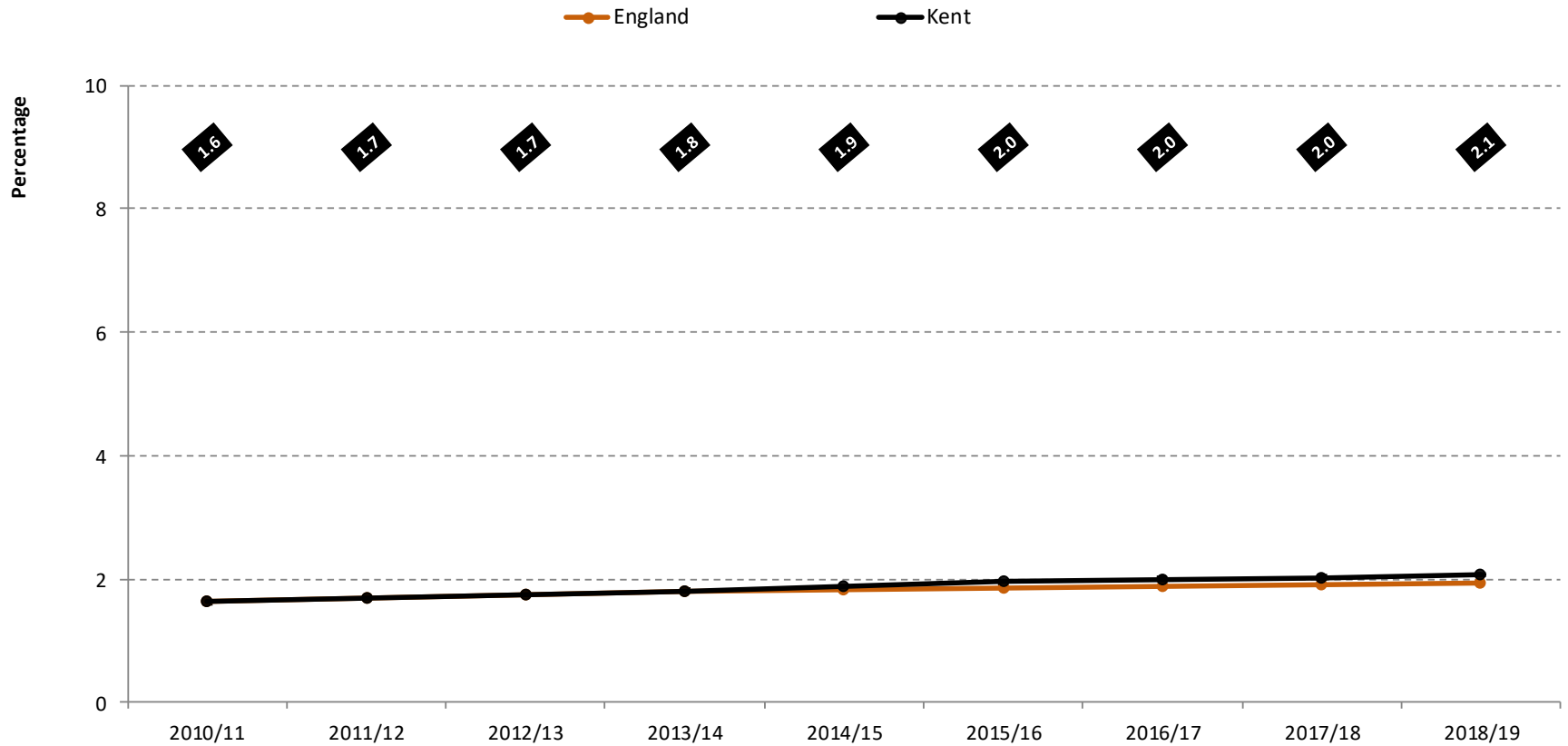
Legend: England ● Kent

Kent values: 1.6, 1.7, 1.7, 1.8, 1.9, 2.0, 2.0, 2.0, 2.1

Y-axis: Percentage (0 to 10)

X-axis: 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18, 2018/19

Increasing with a faster pace of change than England

Source: QOF, prepared by KPHO (ZC), Dec-19

Undiagnosed COPD (estimated): by CCG

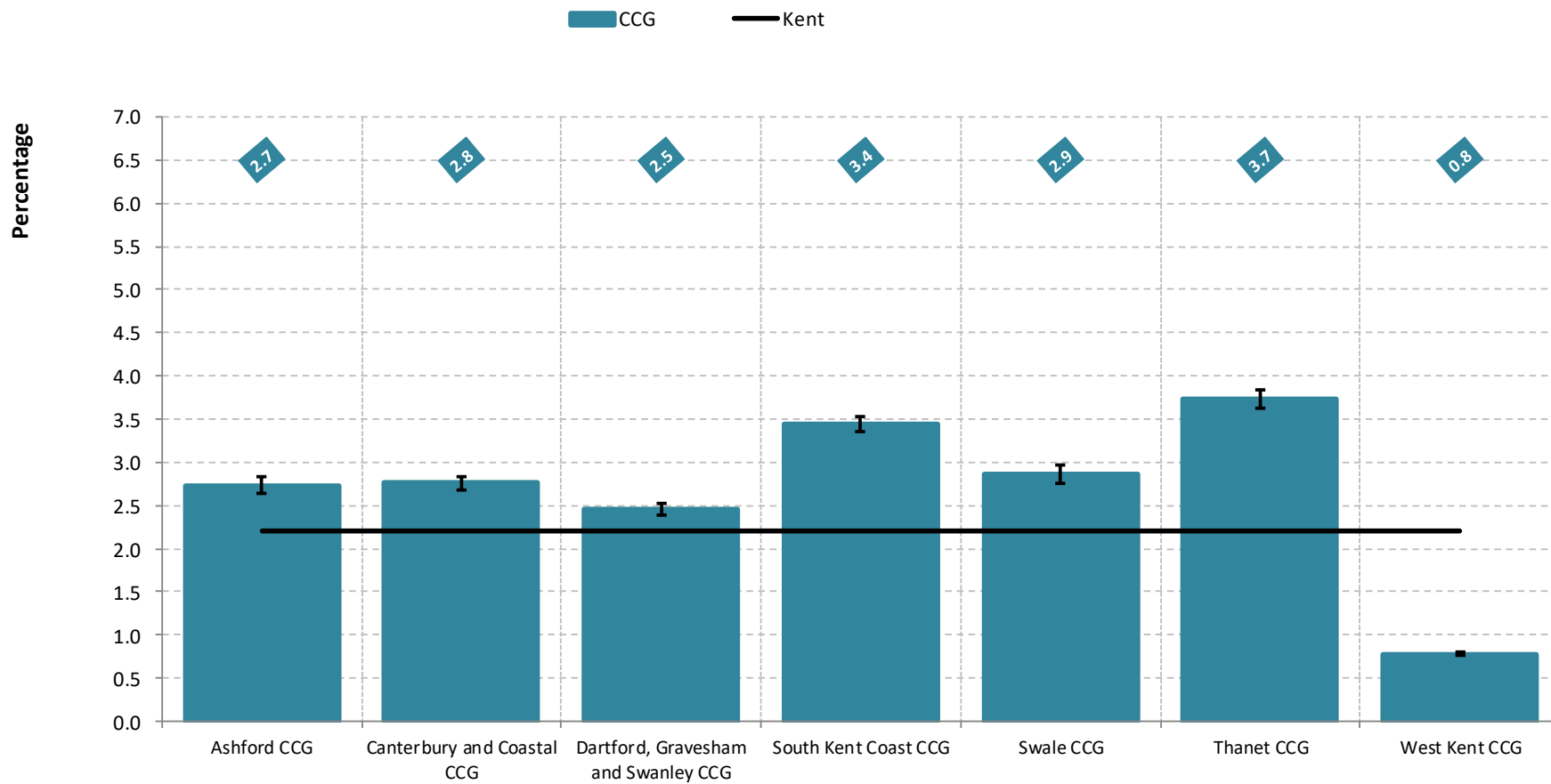**Modelled estimates of the prevalence of undiagnosed COPD, all ages, 2015**

Source: Imperial College London, prepared by KPHO (ZC), Feb-20

Emergency hospital admissions for COPD: by CCG

Age standardised rate per 100,000 adults aged 35+, ICD 10: J40-44 (primary diagnosis), 2014/15-2018/19

Legend: ■ CCG — Kent

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 1,600)

CCG	Rate
Ashford CCG	325.5
Canterbury and Coastal CCG	373.9
Dartford, Gravesham and Swanley CCG	359.1
South Kent Coast CCG	386.3
Swale CCG	489.2
Thanet CCG	441.5
West Kent CCG	298.4
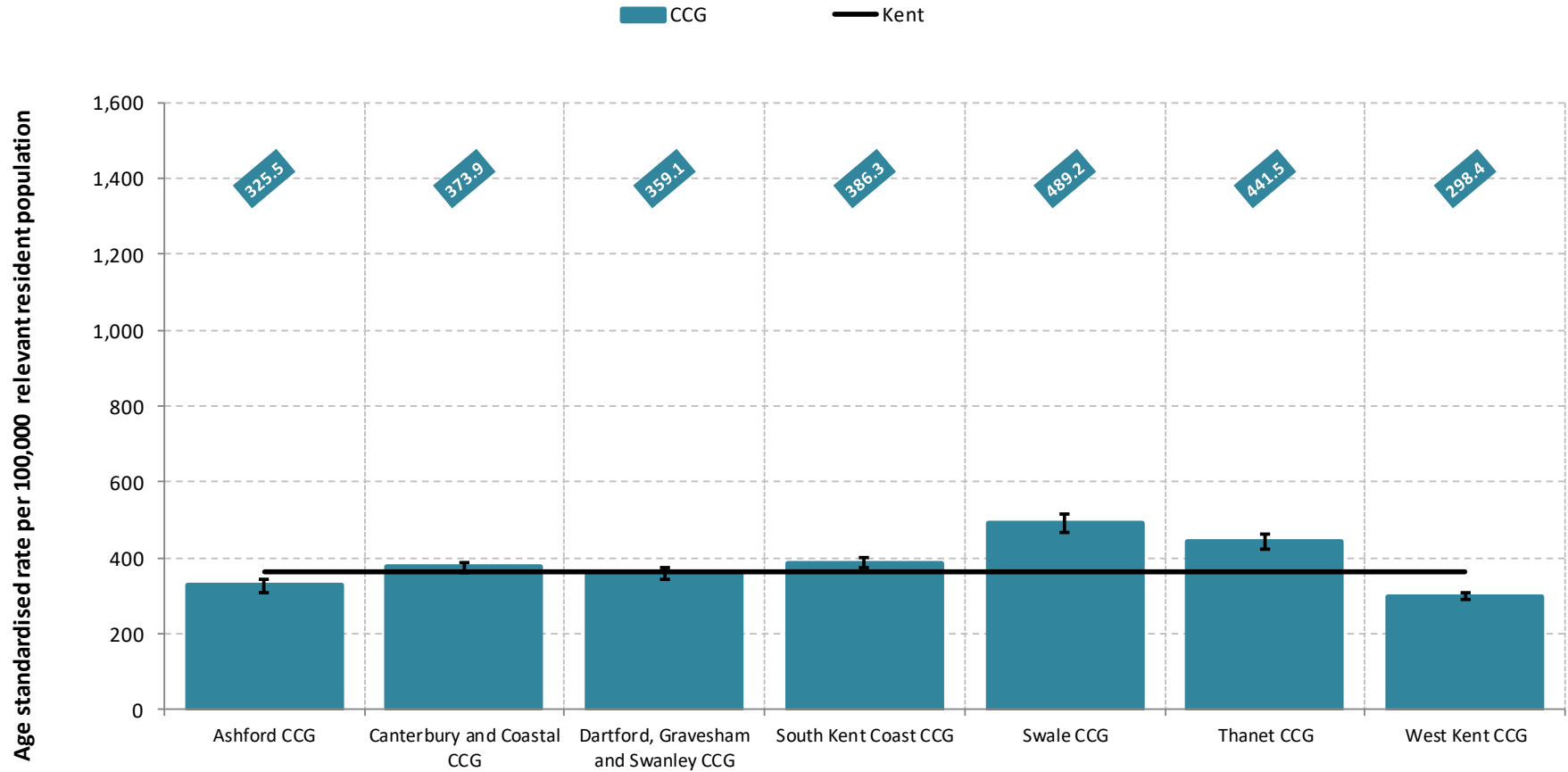
Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO SR, Nov-19
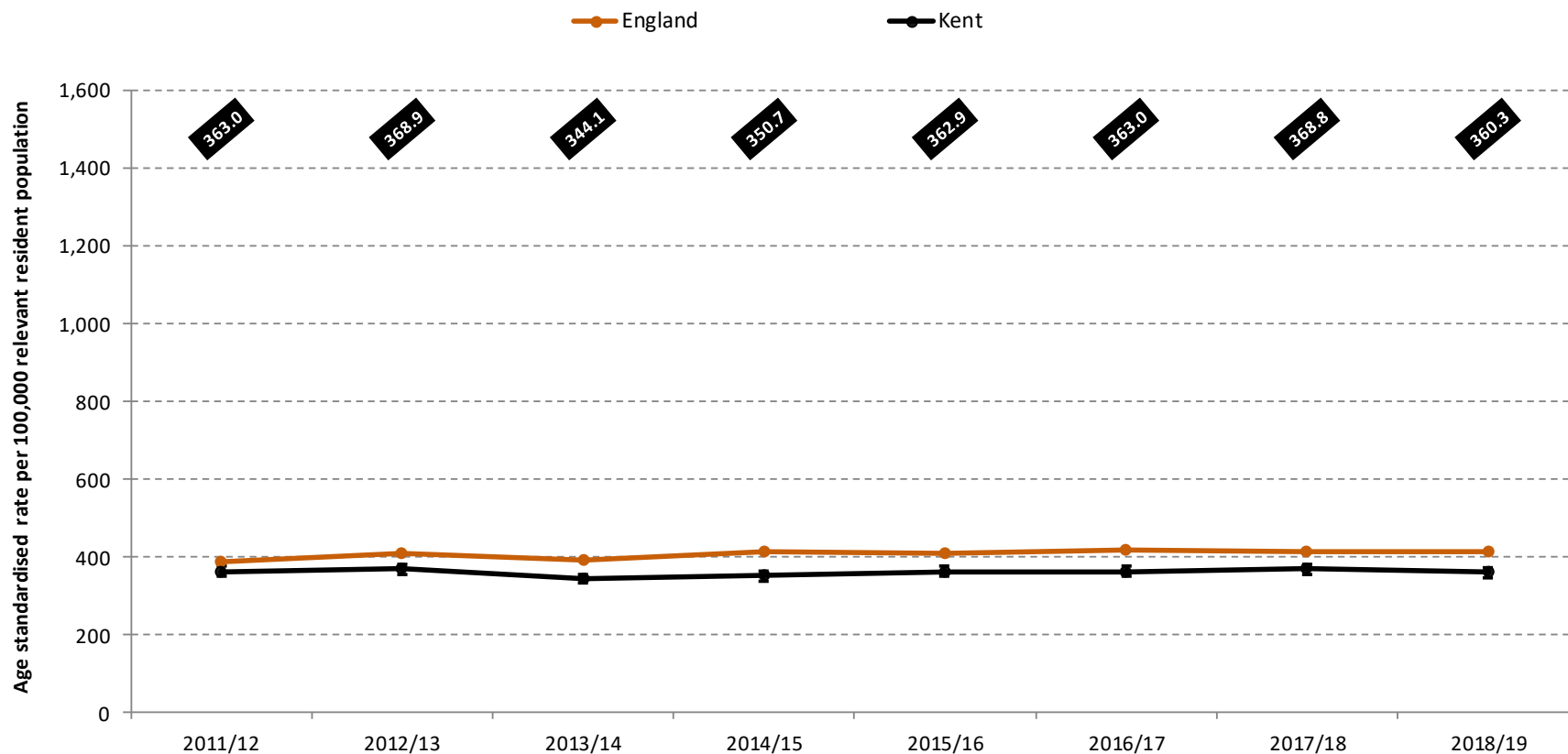
Emergency hospital admissions for COPD: trend

Age standardised rate per 100,000 adults aged 35+, ICD 10: J40-44 (primary diagnosis), 2011/12 to 2018/19

Legend: England, Kent

Data labels (Kent): 363.0, 368.9, 344.1, 350.7, 362.9, 363.0, 368.8, 360.3

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 1,600)

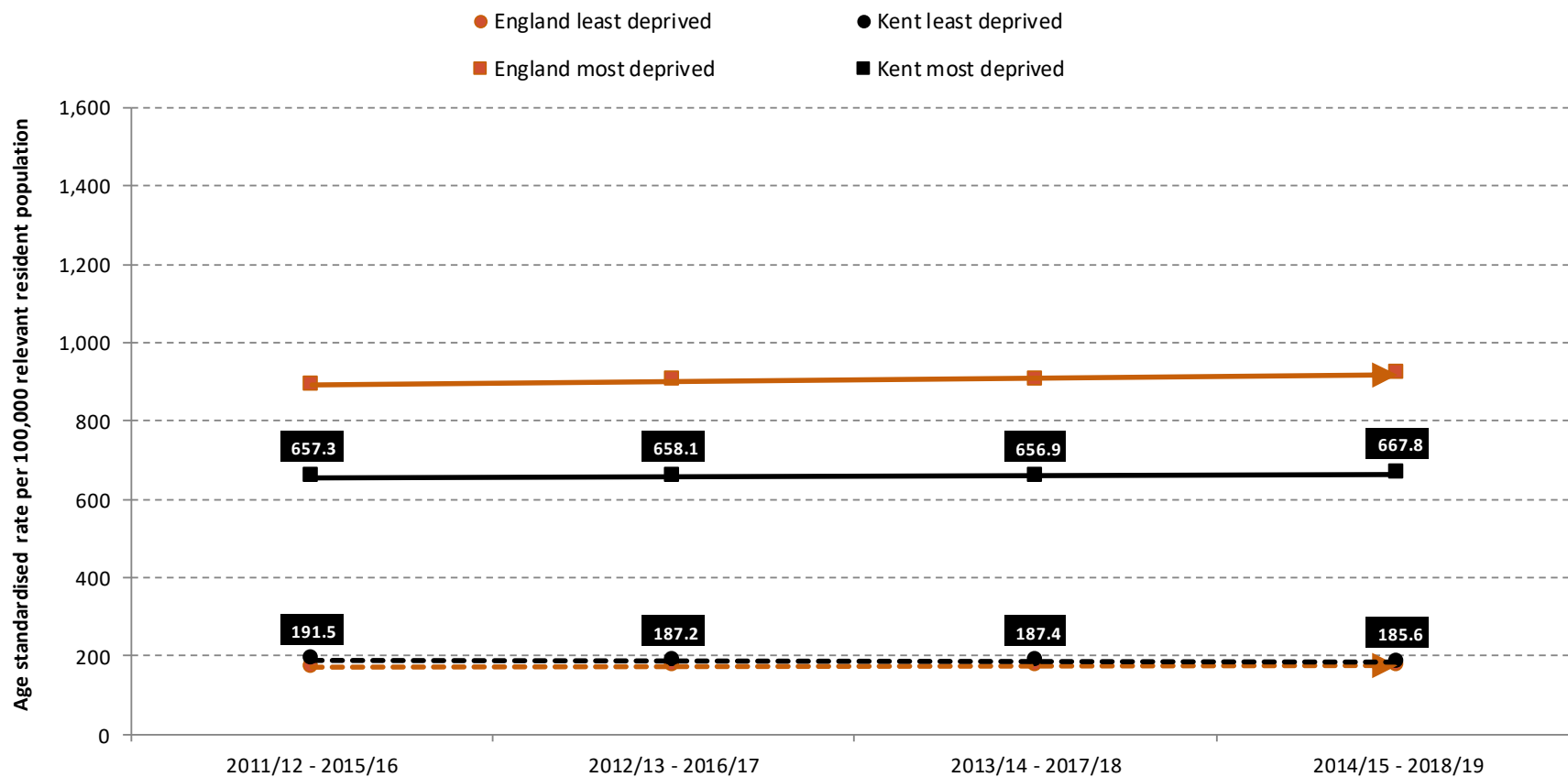X-axis: 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18, 2018/19

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

Emergency hospital admissions for COPD: by deprivation

Age standardised rate per 100,000 adults aged 35+, ICD 10: J40-44 (primary diagnosis), 2011/12 - 2015/16 to 2014/15 - 2018/19

● England least deprived   ● Kent least deprived

■ England most deprived   ■ Kent most deprived

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

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

Recorded asthma prevalence: by CCG

Percentage of patients recorded on GP QOF registers as having Asthma, 2018/19

Legend: CCG — Kent - - England

Percentage values by CCG:
- Ashford CCG: 5.9
- Canterbury and Coastal CCG: 5.8
- Dartford, Gravesham and Swanley CCG: 4.8
- South Kent Coast CCG: 5.9
- Swale CCG: 5.7
- Thanet CCG: 6.2
- West Kent CCG: 5.7
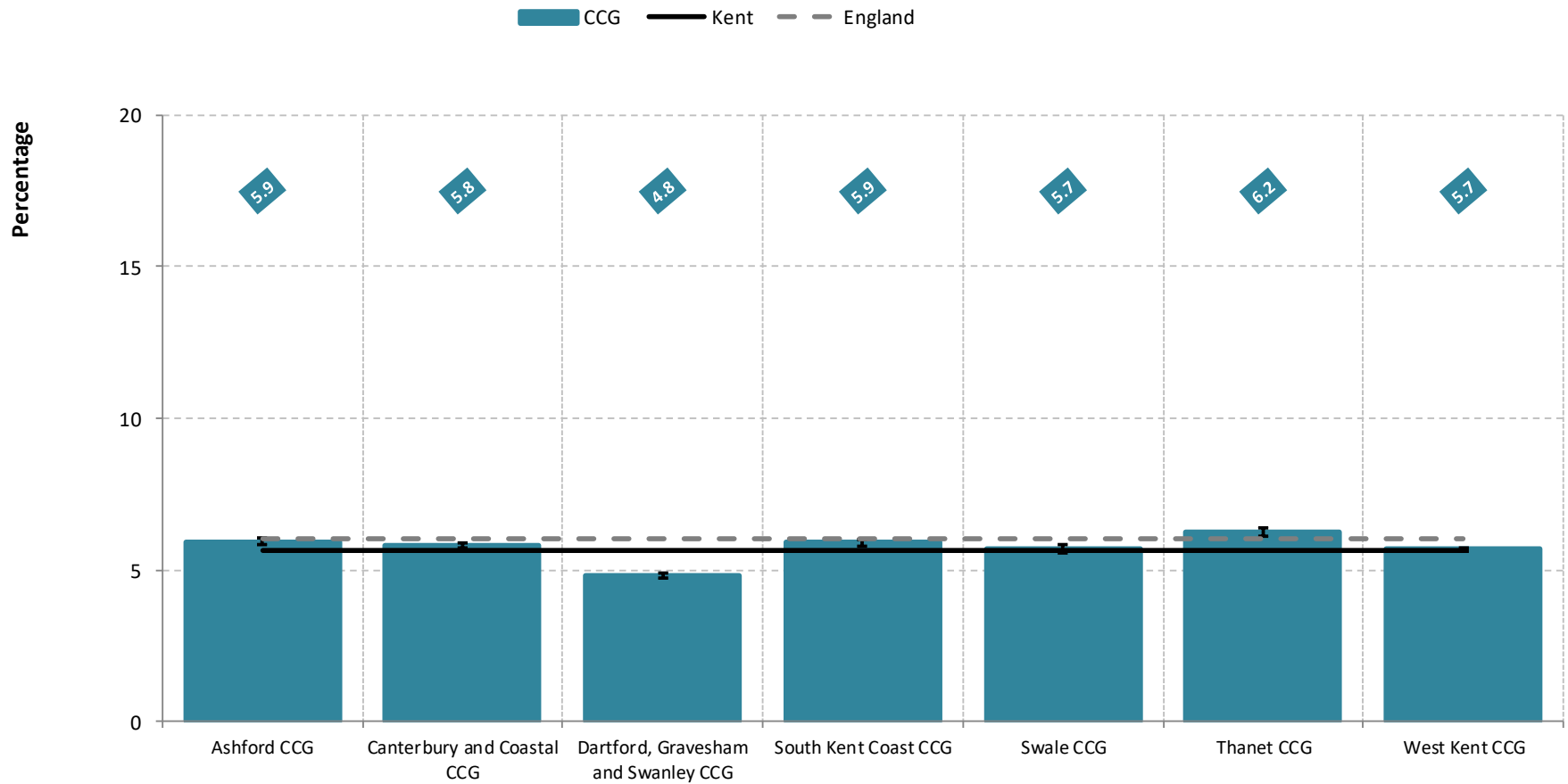
Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded asthma prevalence: trend

Percentage of patients recorded on GP QOF registers as having Asthma, 2010/11 to 2018/19

●—— England　　●—— Kent

Percentage

Year	Kent value
2010/11	5.5
2011/12	5.5
2012/13	5.5
2013/14	5.6
2014/15	5.6
2015/16	5.5
2016/17	5.5
2017/18	5.5
2018/19	5.6
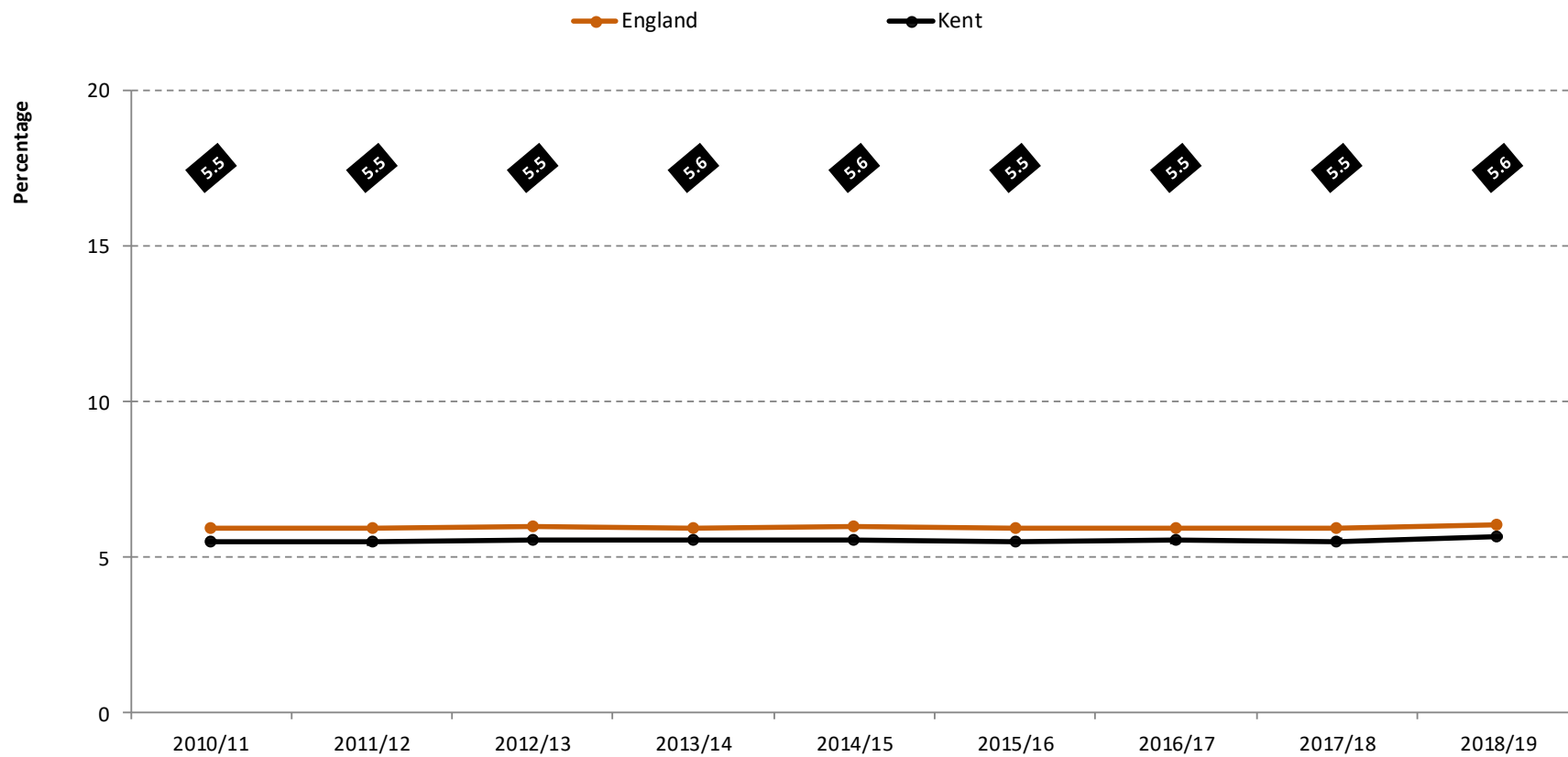
Stable with a similar pace of change to England

Source: QOF, prepared by KPHO (ZC), Dec-19

Mental health

Prevalence of serious mental health conditions

Hospital admissions for mental health conditions
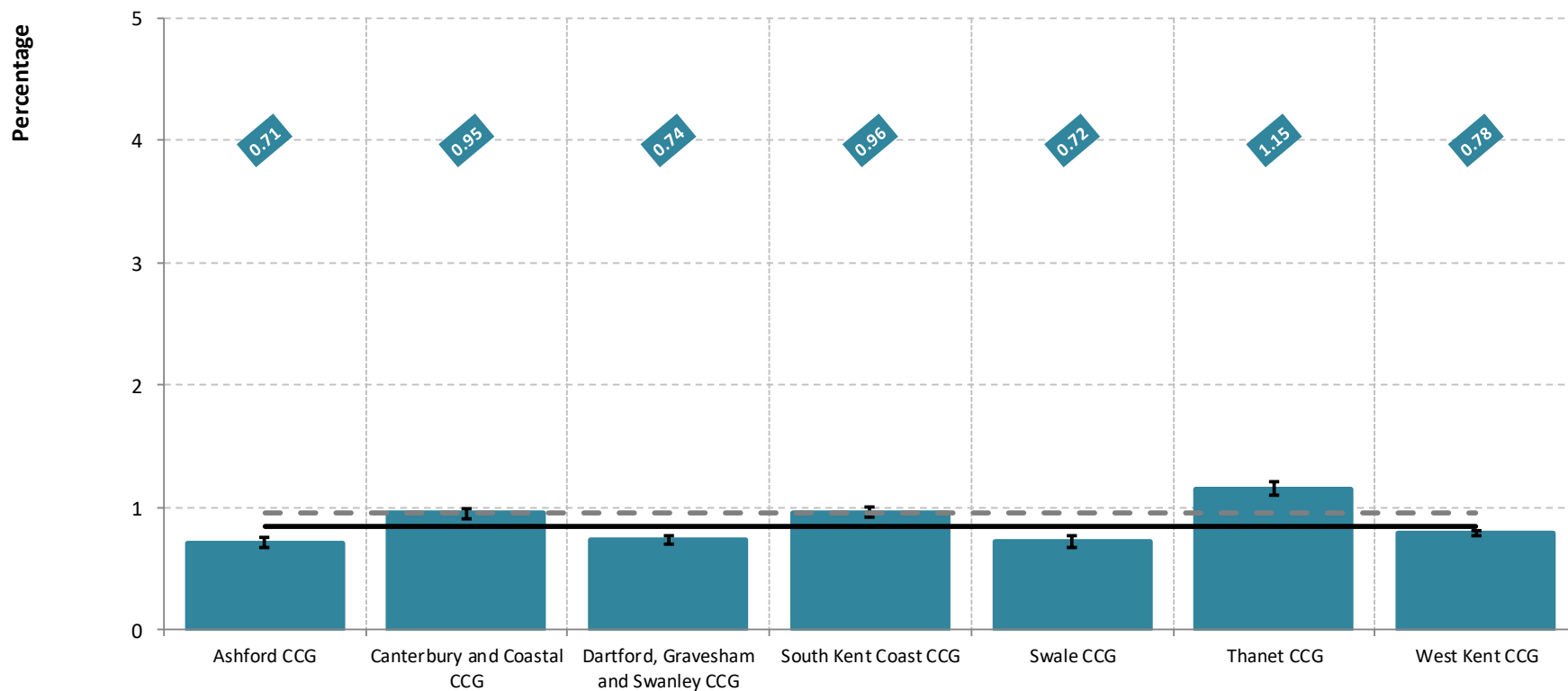
Recorded prevalence of serious mental health conditions: by CCG

The percentage of patients recorded on GP QOF registers as having schizophrenia, bipolar affective disorder, other psychoses or on lithium therapy, 2018/19

Legend: CCG | Kent | England

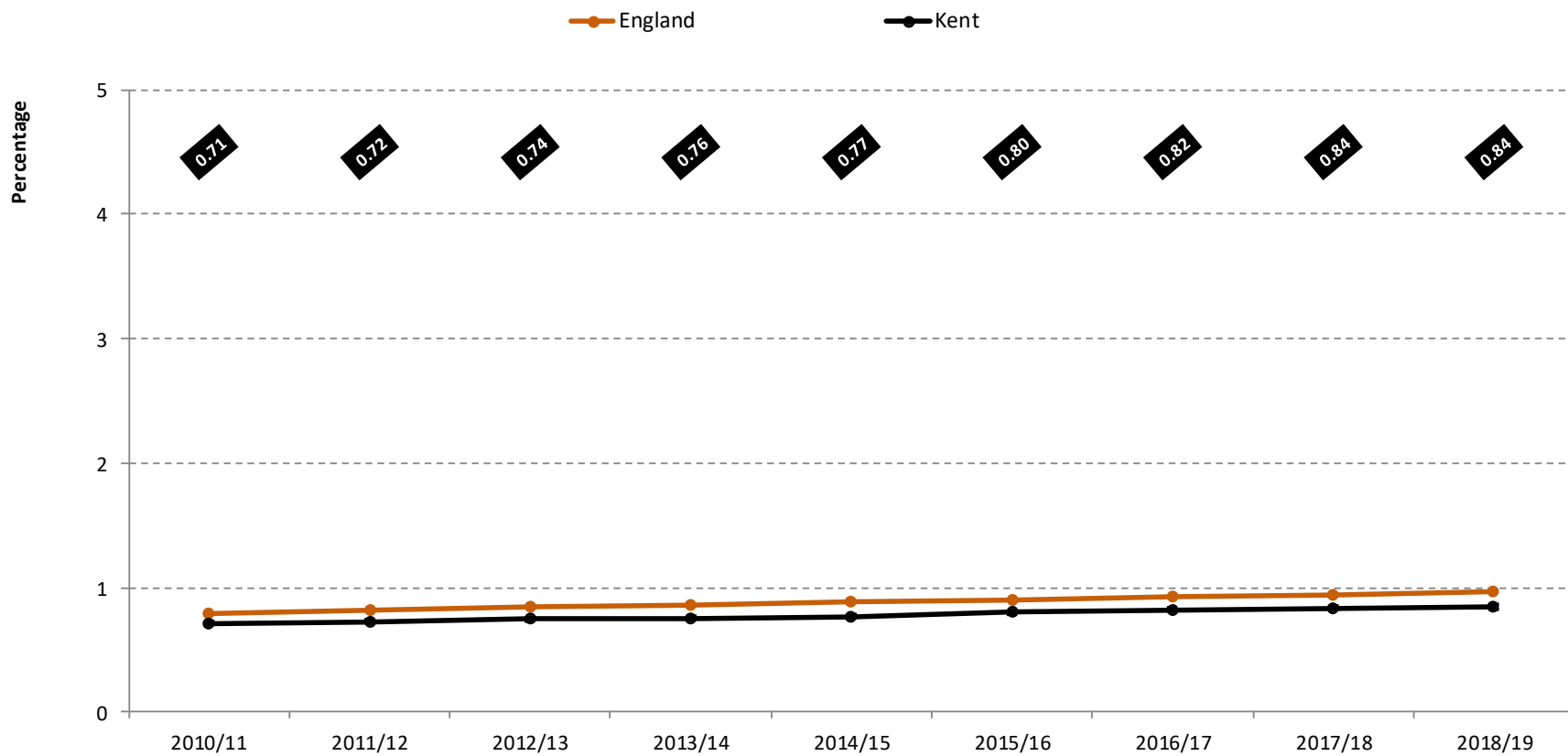| CCG	Value
Ashford CCG	0.71
Canterbury and Coastal CCG	0.95
Dartford, Gravesham and Swanley CCG	0.74
South Kent Coast CCG	0.96
Swale CCG	0.72
Thanet CCG	1.15
West Kent CCG	0.78

Source: QOF, prepared by KPHO (ZC), Dec-19

Recorded prevalence of serious mental health conditions: trend

The percentage of patients recorded on GP QOF registers as having schizophrenia, bipolar affective disorder, other psychoses or on lithium therapy, 2010/11 to 2018/19

⬤➔ England   ⬤➔ Kent

0.71 0.72 0.74 0.76 0.77 0.80 0.82 0.84 0.84

Percentage

5

4

3

2

1

0

2010/11 2011/12 2012/13 2013/14 2014/15 2015/16 2016/17 2017/18 2018/19
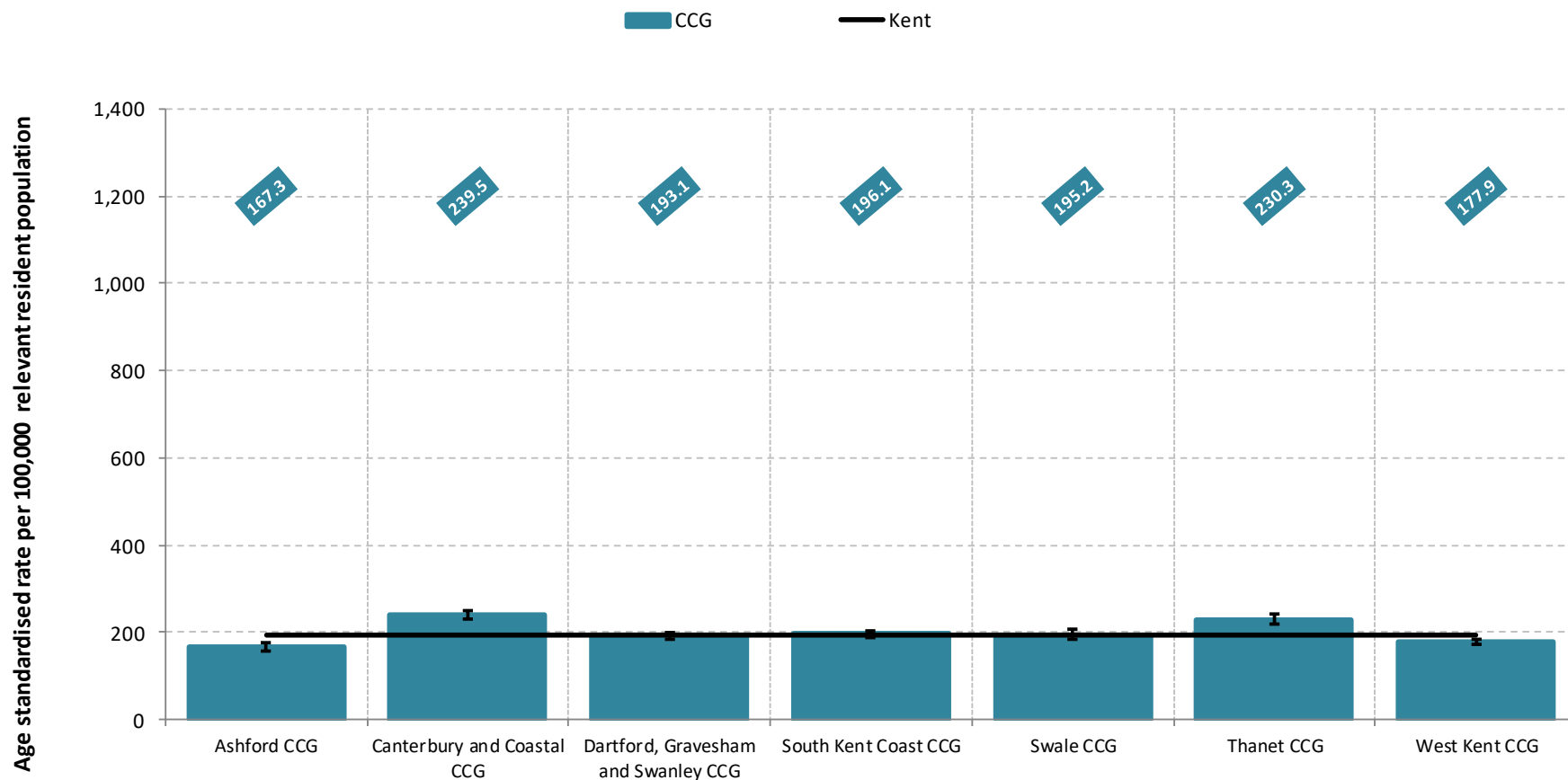
Increasing with a similar pace of change to England

Source: QOF, prepared by KPHO (ZC), Dec-19

Hospital admissions for mental health conditions: by CCG

Age standardised rate per 100,000 resident population, ICD 10: F (primary diagnosis) , 2014/15 -2018/19

Legend: CCG | Kent

Bar chart showing age standardised rate per 100,000 relevant resident population by CCG:

CCG	Rate
Ashford CCG	167.3
Canterbury and Coastal CCG	239.5
Dartford, Gravesham and Swanley CCG	193.1
South Kent Coast CCG	196.1
Swale CCG	195.2
Thanet CCG	230.3
West Kent CCG	177.9

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

Hospital admissions for mental health conditions: trend

Age standardised rate per 100,000 resident population, ICD 10: F (primary diagnosis) , 2011/12 - 2015/16 to 2014/15 - 2018/19
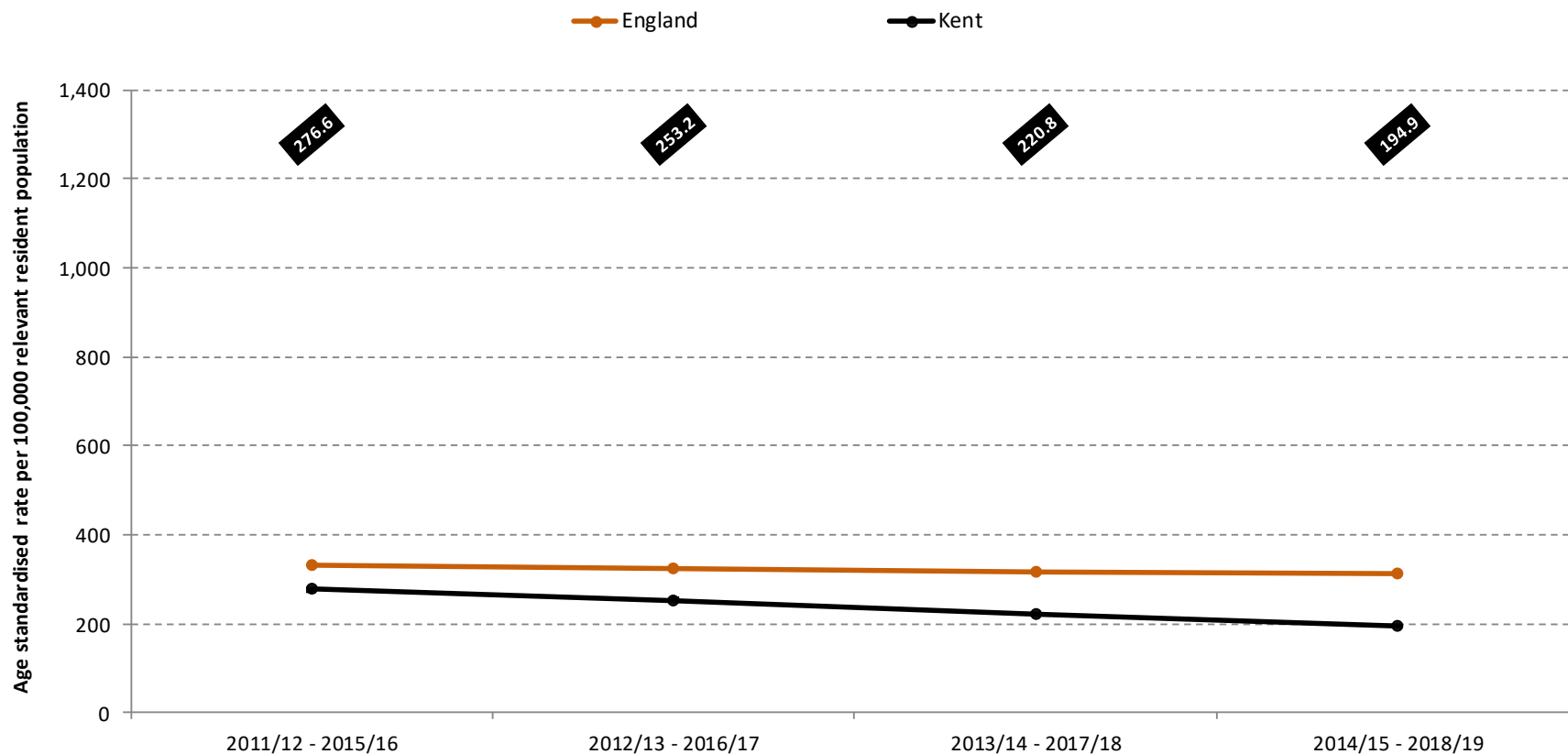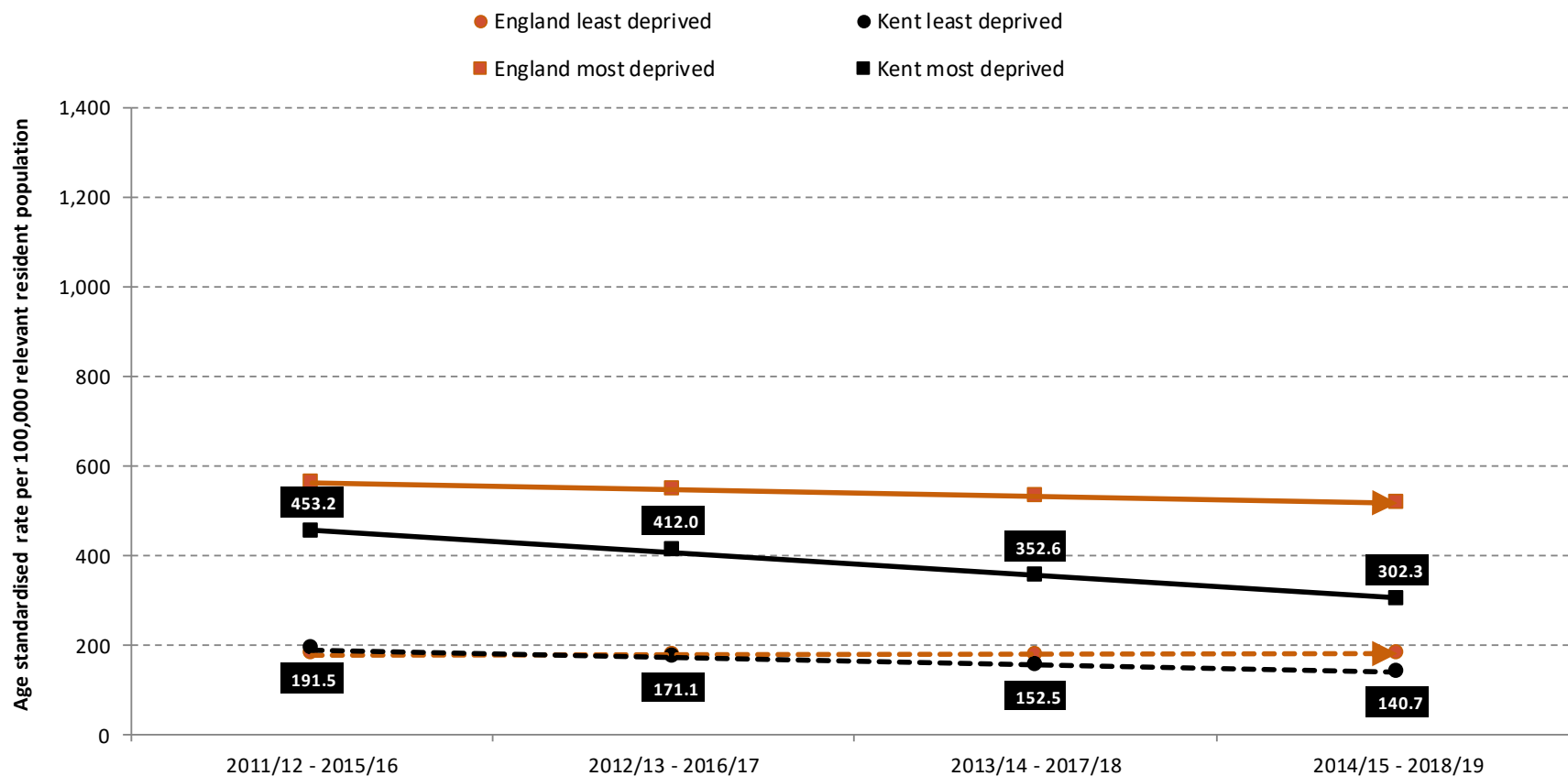

Source: Hospital Episode Statistics (HES), NHS Digital, ONS, prepared by KPHO (ZC), Dec-19

Hospital admissions for mental health conditions: by deprivation

Age standardised rate per 100,000 resident population, ICD 10: F (primary diagnosis), 2011/12 - 2015/16 to 2014/15 - 2018/19

- ● England least deprived
- ● Kent least deprived
- ■ England most deprived
- ■ Kent most deprived

Age standardised rate per 100,000 relevant resident population

	2011/12 - 2015/16	2012/13 - 2016/17	2013/14 - 2017/18	2014/15 - 2018/19
Kent most deprived	453.2	412.0	352.6	302.3
Kent least deprived	191.5	171.1	152.5	140.7

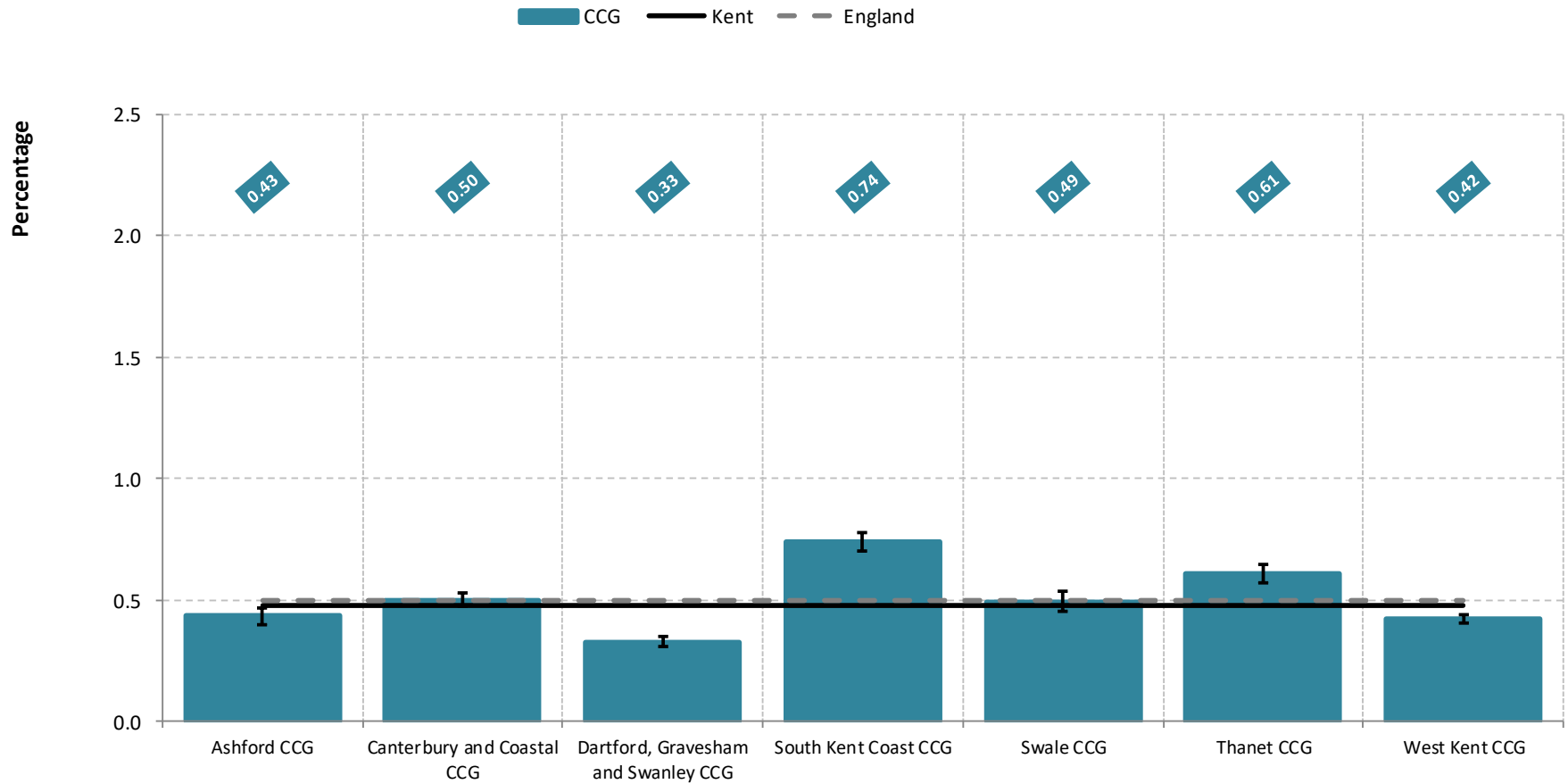**Least deprived trend - decreasing compared with a stable trend for England**

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

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

Recorded prevalence of learning disabilities: by CCG

Percentage of patients recorded on GP QOF registers as having a learning disability, 2018/19

Legend: CCG — Kent — England

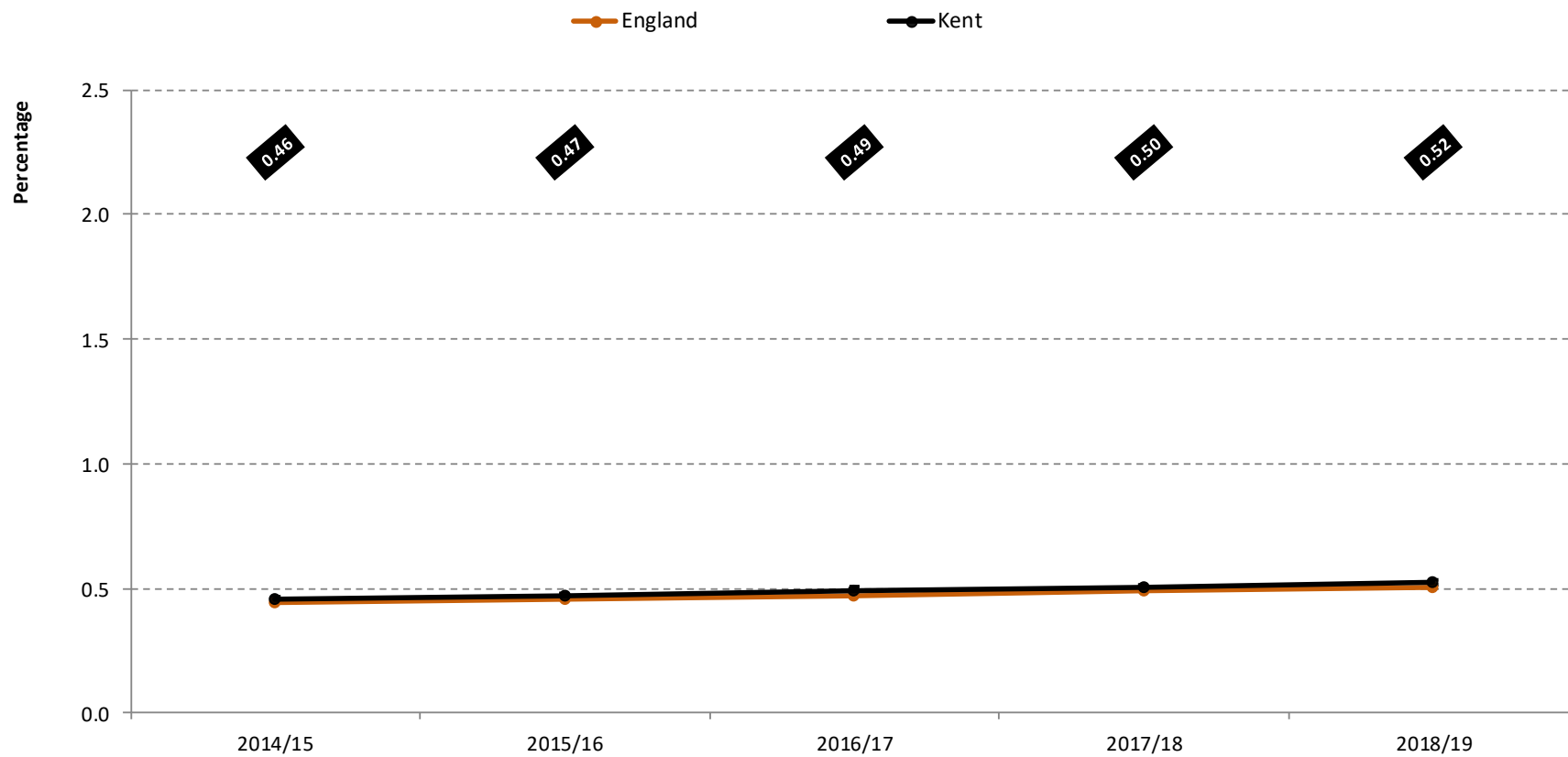| CCG	Value
Ashford CCG	0.43
Canterbury and Coastal CCG	0.50
Dartford, Gravesham and Swanley CCG	0.33
South Kent Coast CCG	0.74
Swale CCG	0.49
Thanet CCG	0.61
West Kent CCG	0.42

Source: QOF, prepared by KPHO (ZC), Feb-19

Recorded prevalence of learning disabilities: trend

Percentage of patients recorded on GP QOF registers as having a learning disability, 2014/15 to 2018/19

Legend: ●— England ●— Kent

Percentage (y-axis: 0.0, 0.5, 1.0, 1.5, 2.0, 2.5)

Kent values:
- 2014/15: 0.46
- 2015/16: 0.47
- 2016/17: 0.49
- 2017/18: 0.50
- 2018/19: 0.52

Increasing with a similar pace of change to England
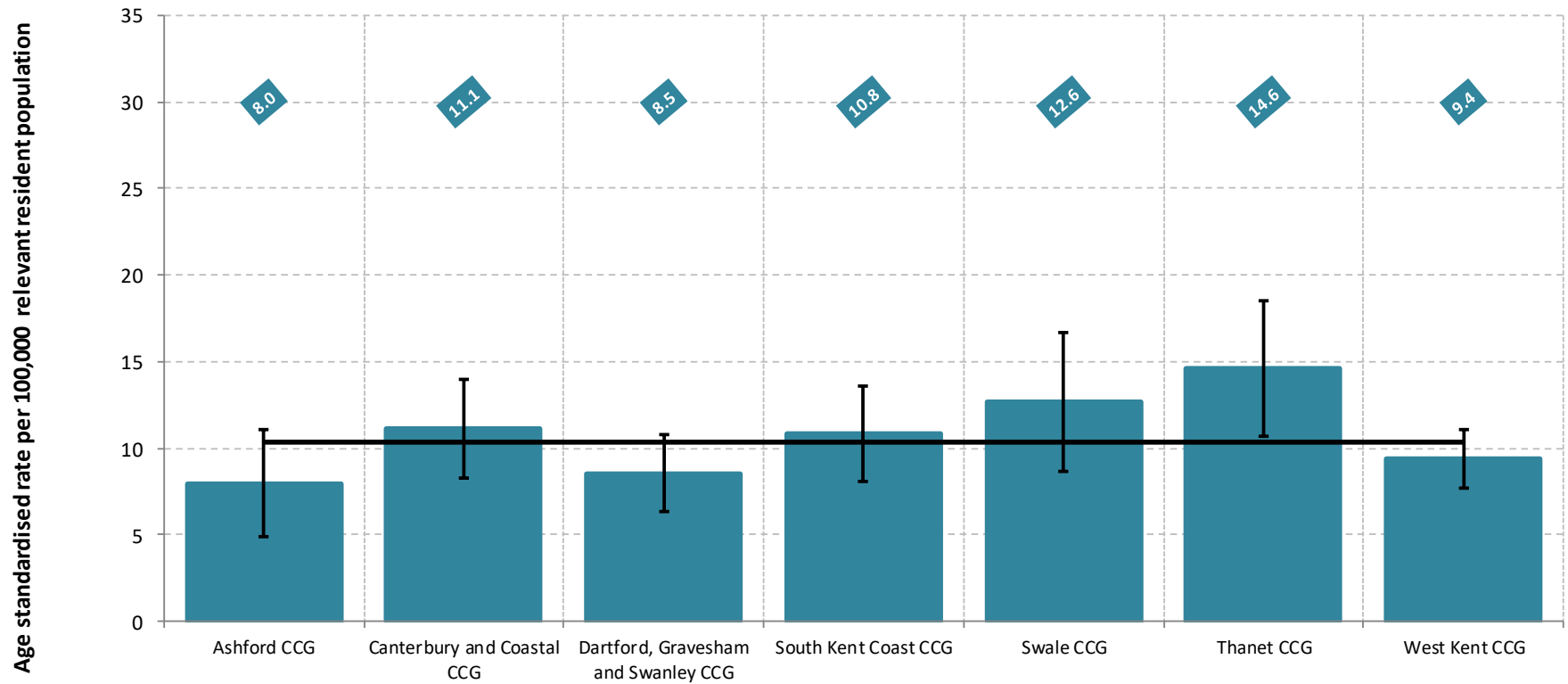
Source: QOF, prepared by KPHO (ZC), Dec-19

Suicide rate: by CCG

Age standardised rate per 100,000 people aged 10+, classified by underlying cause of death (ICD-10: X60-X84 (ages 10+ only), Y10-Y34 (ages 15+ only)), 2015-2017
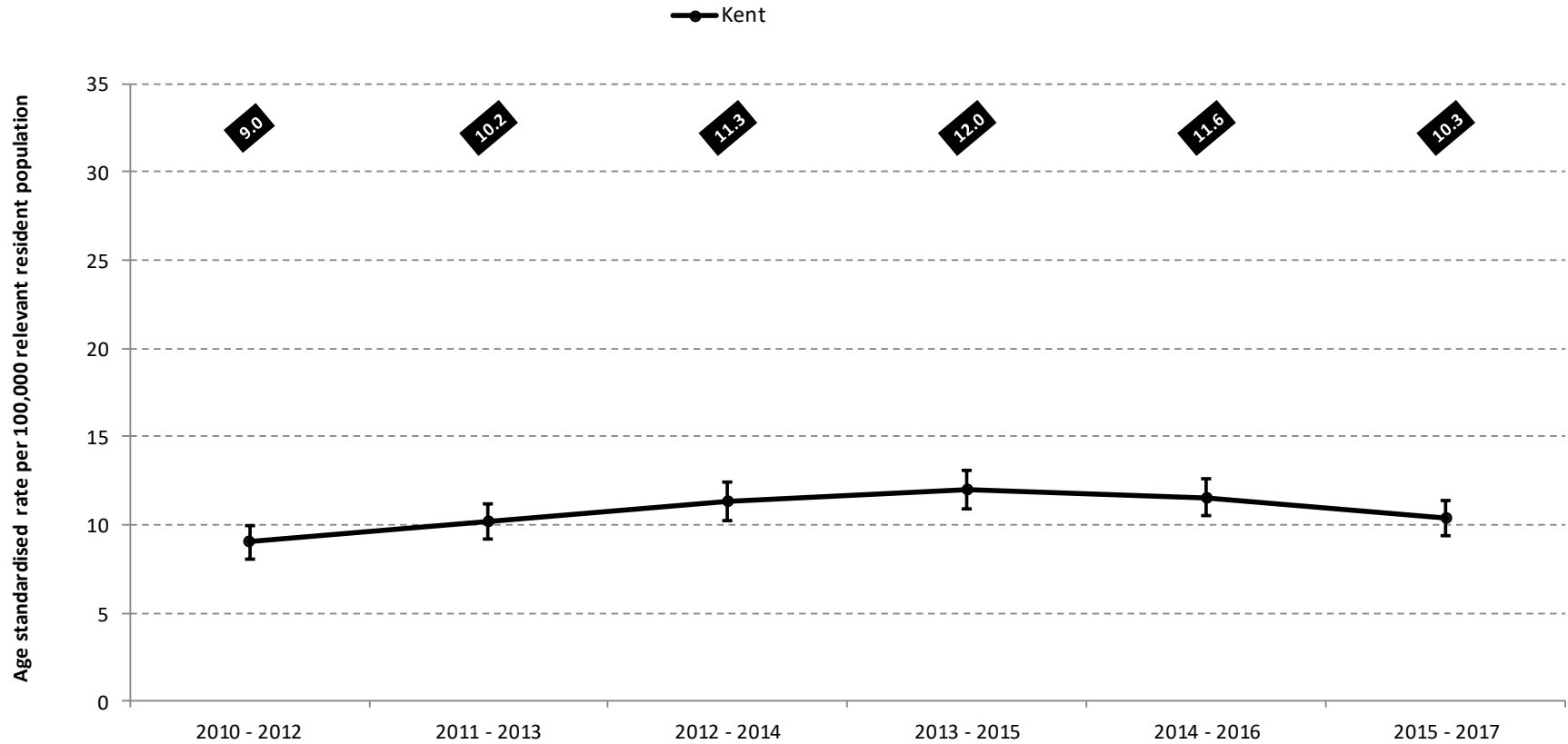
Source: PCMD, prepared by KPHO (RK), Nov-18

Suicide rate: trend

Age standardised rate per 100,000 people aged 10+, classified by underlying cause of death (ICD-10: X60-X84 (ages 10+ only), Y10-Y34 (ages 15+ only)), 2010 - 2012 to 2015 - 2017

Legend: ●— Kent

Data labels: 9.0, 10.2, 11.3, 12.0, 11.6, 10.3

Y-axis: Age standardised rate per 100,000 relevant resident population (0 to 35)

X-axis: 2010 - 2012, 2011 - 2013, 2012 - 2014, 2013 - 2015, 2014 - 2016, 2015 - 2017

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

Suicide rate: by deprivation

Age standardised rate per 100,000 people aged 10+, classified by underlying cause of death (ICD-10: X60-X84 (ages 10+ only), Y10-Y34 (ages 15+ only)), 2010 - 2014 to 2013 - 2017
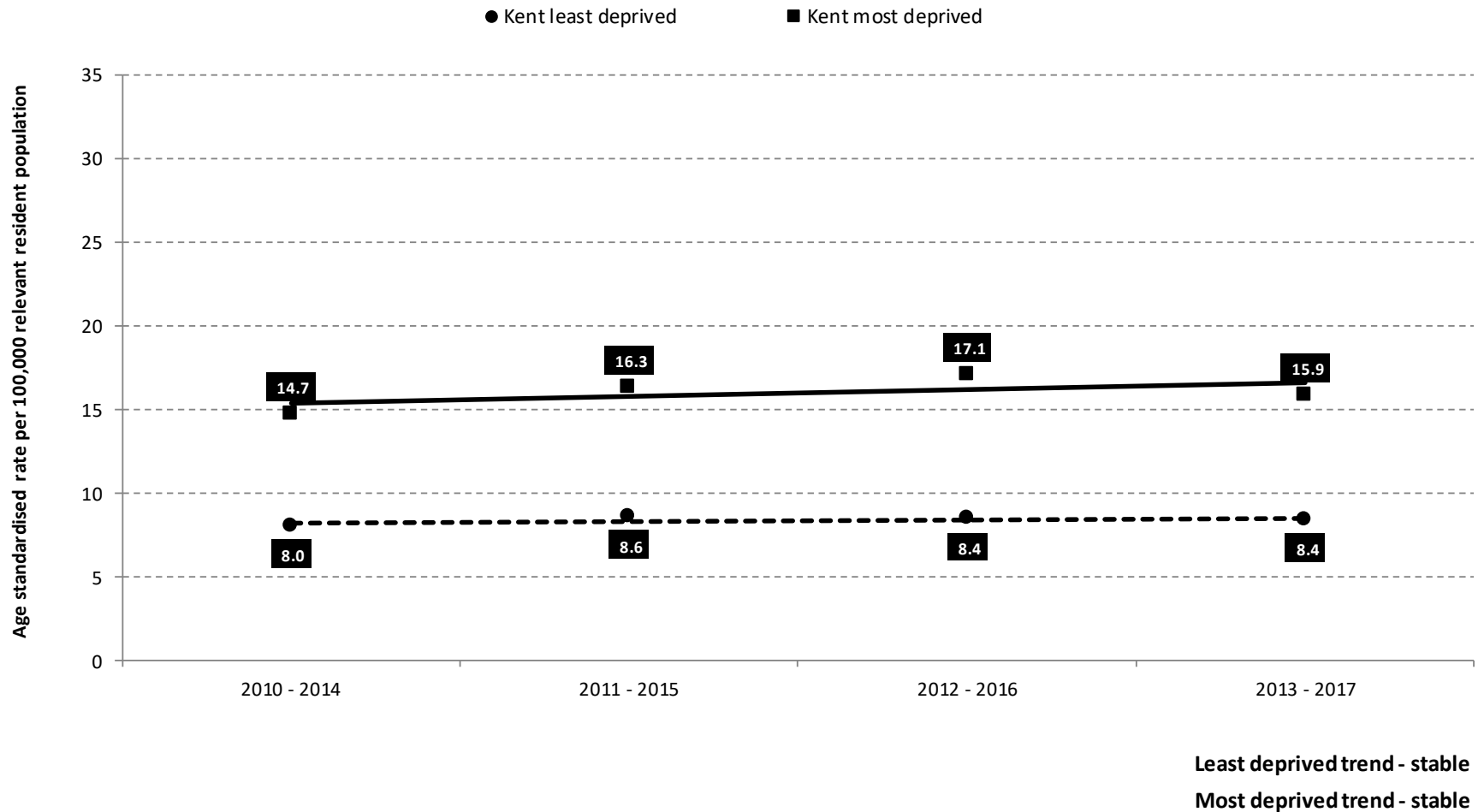
● Kent least deprived ■ Kent most deprived

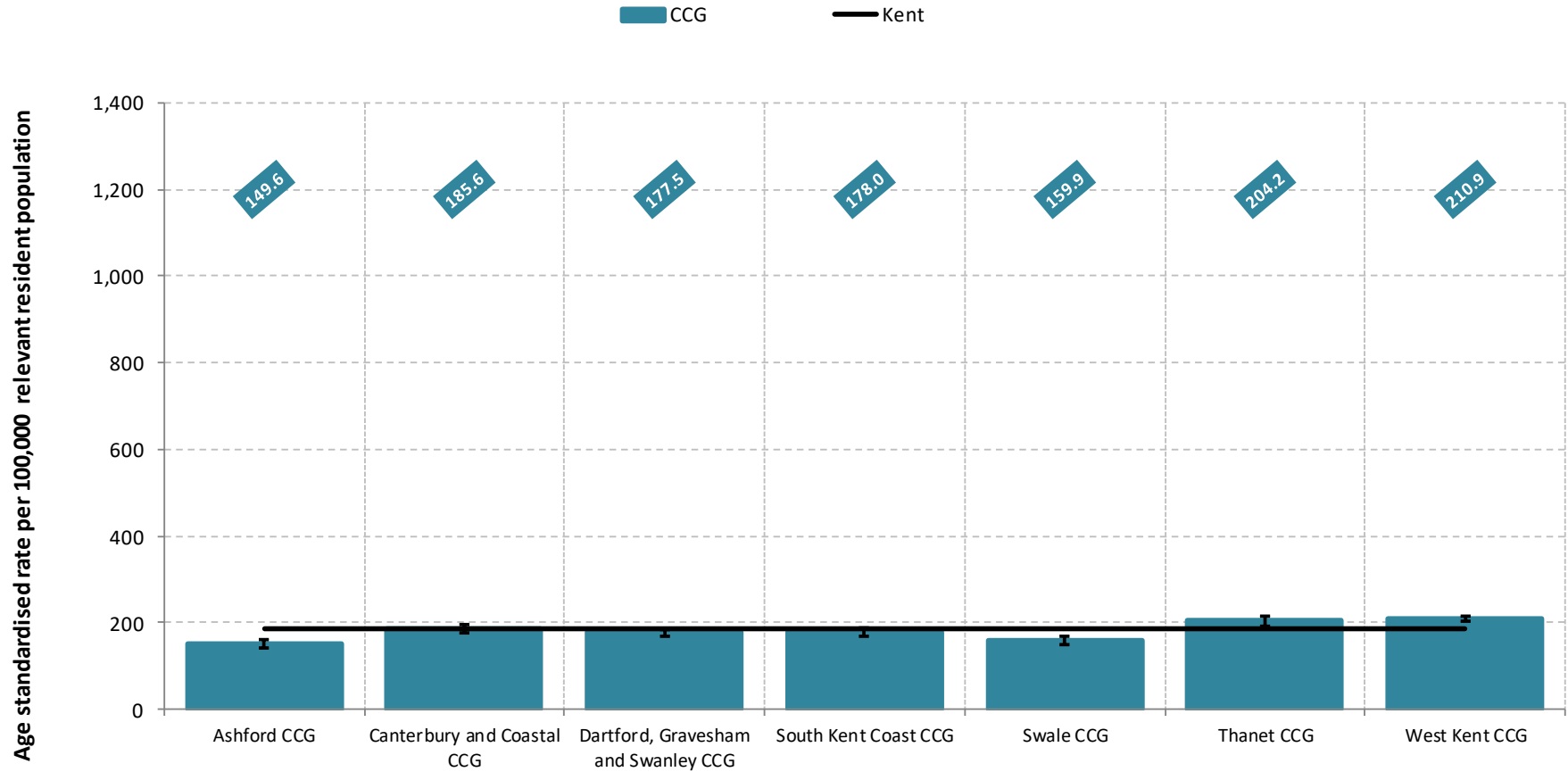**Least deprived trend - stable**

Most deprived trend - stable

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

Emergency hospital admissions for self-harm: by CCG

Age standardised rate per 100,000 resident population, ICD 10: X60-X84 (main recorded cause), 2014/15-2018/19

Legend: CCG, Kent

CCG	Rate
Ashford CCG	149.6
Canterbury and Coastal CCG	185.6
Dartford, Gravesham and Swanley CCG	177.5
South Kent Coast CCG	178.0
Swale CCG	159.9
Thanet CCG	204.2
West Kent CCG	210.9

Y-axis: Age standardised rate per 100,000 relevant resident population

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

Emergency hospital admissions for self-harm: trend

Age standardised rate per 100,000 resident population, ICD 10: X60-X84 (main recorded cause), 2011/12 - 2015/16 to 2014/15 - 2018/19

Legend: England, Kent

Data labels: 207.1, 200.6, 194.2, 185.8

X-axis: 2011/12 - 2015/16, 2012/13 - 2016/17, 2013/14 - 2017/18, 2014/15 - 2018/19

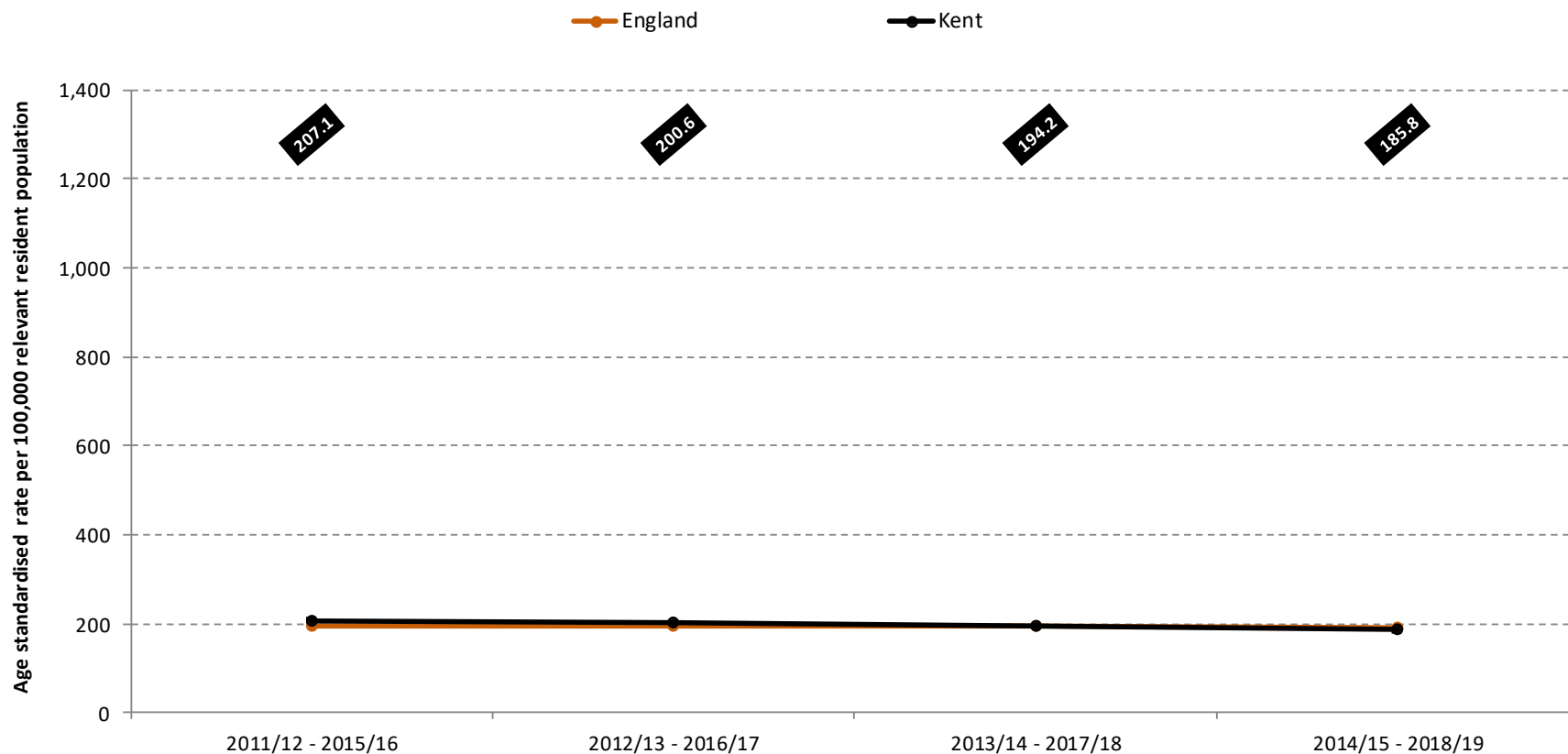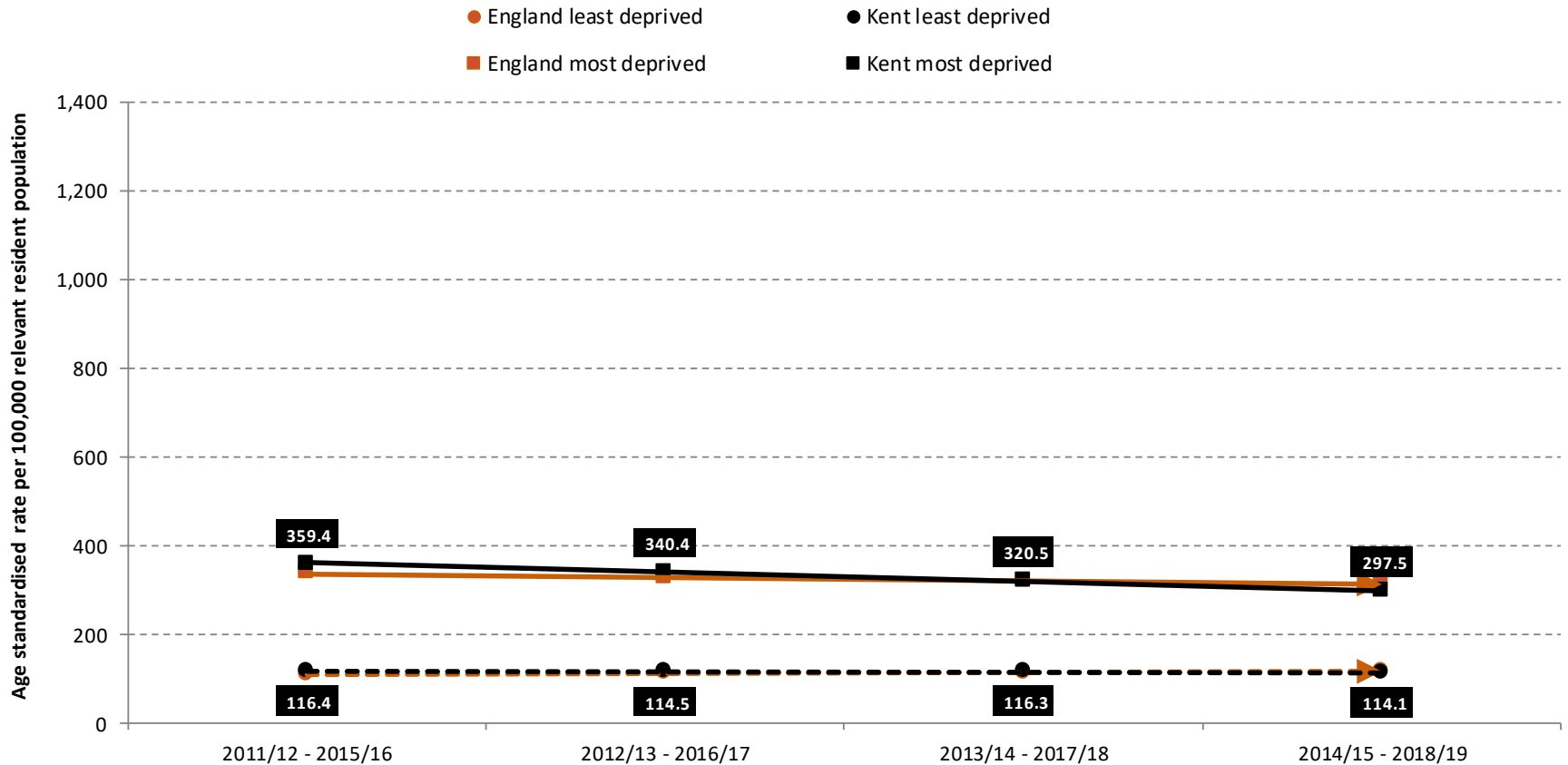Y-axis: Age standardised rate per 100,000 relevant resident population

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

Emergency hospital admissions for self-harm: by deprivation

Age standardised rate per 100,000 resident population, ICD 10: X60-X84 (main recorded cause), 2011/12 - 2015/16 to 2014/15 - 2018/19

Legend:
- ● England least deprived
- ● Kent least deprived
- ■ England most deprived
- ■ Kent most deprived

Age standardised rate per 100,000 relevant resident population (y-axis, 0 to 1,400)

Data points (Kent most deprived, upper line):
- 2011/12 - 2015/16: 359.4
- 2012/13 - 2016/17: 340.4
- 2013/14 - 2017/18: 320.5
- 2014/15 - 2018/19: 297.5

Data points (Kent least deprived, lower line):
- 2011/12 - 2015/16: 116.4
- 2012/13 - 2016/17: 114.5
- 2013/14 - 2017/18: 116.3
- 2014/15 - 2018/19: 114.1

X-axis categories:
- 2011/12 - 2015/16
- 2012/13 - 2016/17
- 2013/14 - 2017/18
- 2014/15 - 2018/19

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

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

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