

Introduction

This JSNA paper will focus on different types of accidents, including:

- hospital admissions caused by unintentional and deliberate injuries in children aged 0-4 and 0-14, and young people aged 15-24
- road accidents and casualties (including accidents involving those killed and seriously injured)

and will briefly touch on falls (for further information on falls, see the JSNA chapter on Client Group Approach, Older People: Health, <http://www.hillingdon.gov.uk/article/21910/Client-Group-approach>)

Hospital Admissions caused by unintentional and deliberate injuries in those aged 0-24

Injuries are a leading cause of hospitalisation and represent a major cause of premature mortality for children and young people. The figures used in this section are taken from Hospital Episode Statistics (HES) from Health and Social Care Information Centre (HSCIC), and show the number of finished emergency admissions with one or more codes for injuries and other adverse effects of external causes.

This chart shows the number of hospital admissions in those aged **0-14 years** in 2015/16. Hillingdon's rate (90.4 per 10,000 of the population) is above the London rate (80.8/10,000) but is below the England rate (104.2/10,000):



2.07i - Hospital admissions caused by unintentional and deliberate injuries in children (aged 0-14 years) 2015/16
Crude rate - per 10,000

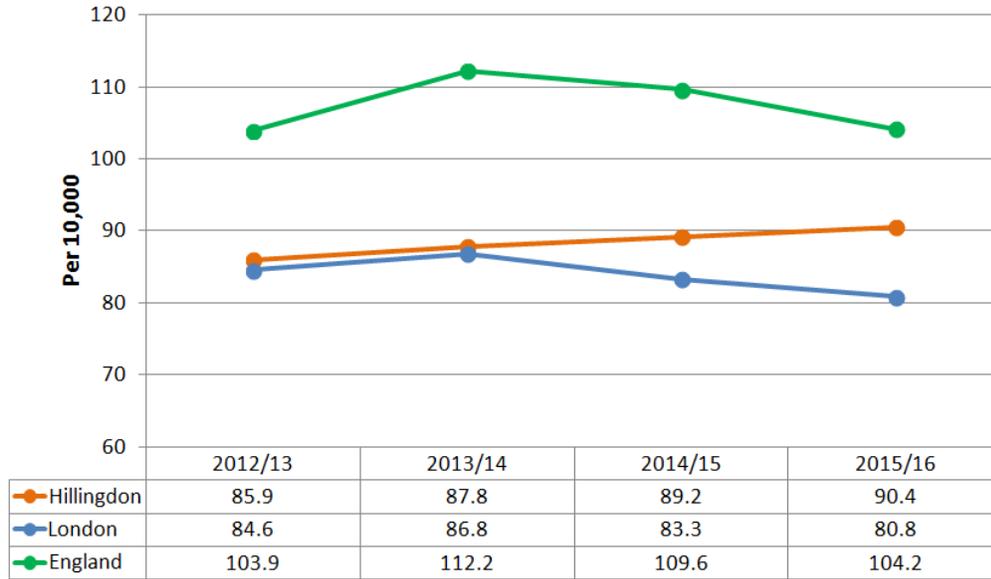
Area	Recent Trend	Count	Value	95% Lower CI	95% Upper CI
England	↓	102,036	104.2	103.6	104.8
London region	↓	13,507	80.8	79.4	82.2
Barking and Dagenham	↓	381	72.8	65.7	80.5
Barnet	↔	519	68.5	62.8	74.7
Bexley	↔	421	90.1	81.7	99.1
Brent	↓	422	65.9	59.8	72.5
Bromley	↓	408	67.0	60.6	73.8
Camden	↓	221	55.8	48.7	63.7
City of London	-	-	*	-	-
Croydon	↔	748	94.9	88.2	101.9
Ealing	↓	552	79.3	72.8	86.2
Enfield	↔	606	85.8	79.1	92.9
Greenwich	↑	513	89.9	82.2	98.0
Hackney	↓	444	82.5*	75.0	90.6
Hammersmith and Fulham	↓	235	78.8	69.1	89.6
Haringey	↑	469	91.0	82.9	99.6
Harrow	↓	308	64.4	57.4	72.1
Havering	↔	384	84.9	76.6	93.9
Hillingdon	↔	543	90.4	83.0	98.4
Hounslow	↔	522	96.7	88.6	105.4
Islington	↔	269	78.2	69.1	88.1
Kensington and Chelsea	↔	164	66.8	57.0	77.9
Kingston upon Thames	↔	301	93.6	83.3	104.8
Lambeth	↓	447	82.5	75.1	90.6
Lewisham	↑	642	110.1	101.7	118.9
Merton	↔	410	102.4	92.8	112.9
Newham	↓	472	65.8	60.0	72.0
Redbridge	↓	416	65.2	59.1	71.7
Richmond upon Thames	↔	374	97.6	87.9	108.0
Southwark	↓	477	87.5	79.8	95.7
Sutton	↓	357	91.6	82.3	101.6
Tower Hamlets	↓	470	83.2	75.8	91.1
Waltham Forest	↓	325	57.8	51.7	64.5
Wandsworth	↔	491	91.4	83.5	99.8
Westminster	↓	196	53.5	46.3	61.5

Source: Hospital Episode Statistics (HES)

The number of finished emergency admissions, with one or more codes for injuries and other adverse effects of external causes (ICD 10: S00-T79 and/or V01-Y36) in any diagnostic field position, in children (aged 0-14 years).

The actual number of hospital admissions in those **aged between 0-14** within Hillingdon has been continually rising each year from 478 in 2012/13 to 543 in 2015/16.

2.07i Hospital admissions caused by unintentional and deliberate injuries in children (aged 0-14)



Hillingdon Count 478 501 523 543

Source: Calculated by Public Health England: Knowledge and Intelligence Team (South West) from data from the Health and Social Care Information Centre - Hospital Statistics (HES) and Office for National Statistics (ONS) Mid Year Population Estimates

This chart shows the number of hospital admissions in those aged **0-4 years** in 2015/16. Hillingdon's rate (102.0 per 10,000 of the population) is above the London rate (97.6/10,000) but below the England rate (129.6/10,000):



2.07i - Hospital admissions caused by unintentional and deliberate injuries in children (aged 0-4 years) 2015/16

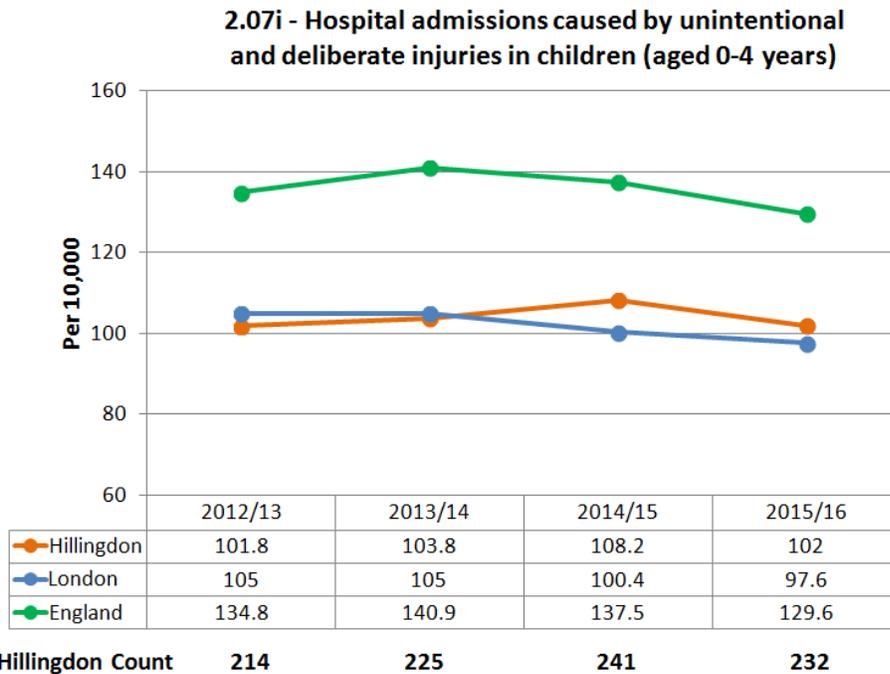
Crude rate - per 10,000

Area	Recent Trend	Count	Value	95% Lower CI	95% Upper CI
England	↓	44,524	129.6	128.4	130.8
London region	↓	6,183	97.6	95.2	100.1
Barking and Dagenham	→	192	97.8	84.4	112.6
Barnet	→	186	68.3	58.8	78.9
Bexley	→	195	120.4	104.1	138.6
Brent	↓	198	80.2	69.4	92.2
Bromley	→	162	75.5	64.3	88.1
Camden	↓	101	70.1	57.1	85.2
City of London	-	-	*	-	-
Croydon	→	323	113.0	101.0	126.0
Ealing	↓	245	92.1	81.0	104.4
Enfield	↑	331	130.3	116.6	145.1
Greenwich	↑	262	117.5	103.7	132.7
Hackney	↓	242	114.7*	100.7	130.1
Hammersmith and Fulham	→	95	81.9	66.3	100.1
Haringey	↑	226	118.5	103.6	135.0
Harrow	↓	135	77.2	64.7	91.3
Havering	↓	158	97.7	83.1	114.2
Hillingdon	→	232	102.0	89.3	116.0
Hounslow	→	252	117.0	103.0	132.3
Islington	→	113	84.2	69.4	101.2
Kensington and Chelsea	→	71	79.1	61.7	99.7
Kingston upon Thames	→	147	124.1	104.8	145.8
Lambeth	→	193	93.0	80.4	107.1
Lewisham	↑	278	121.7	107.8	136.9
Merton	→	196	122.3	105.8	140.7
Newham	↓	218	75.3	65.6	85.9
Redbridge	→	204	88.5	76.8	101.5
Richmond upon Thames	→	175	126.1	108.1	146.3
Southwark	↓	201	91.9	79.6	105.5
Sutton	→	147	103.6	87.5	121.7
Tower Hamlets	↓	219	98.4	85.8	112.3
Waltham Forest	↓	164	74.2	63.3	86.4
Wandsworth	→	244	106.3	93.3	120.5
Westminster	↓	78	56.0	44.3	69.9

Source: Hospital Episode Statistics (HES) Statistics (ONS) - Mid Year Population Estimates

The number of finished emergency admissions, with one or more codes for injuries and other adverse effects of external causes (ICD 10: S00-T79 and/or V01-Y36) in any diagnostic field position, in children (aged 0-14 years).

The actual number of hospital admissions in those **aged between 0-4** within Hillingdon had been continually rising between 2012/13 and 2014/5 from 214 to 241, before falling to 232 in 2015/16:



Source: Calculated by Public Health England: Knowledge and Intelligence Team (South West) from data from the Health and Social Care Information Centre - Hospital Statistics (HES) and Office for National Statistics (ONS) Mid Year Population Estimates

This chart shows the number of hospital admissions in those **aged 15-24** years in 2015/16. Hillingdon's rate (89.8 per 10,000 of the population) is below both the London rate (97.5/10,000) the England rate (134.1/10,000):

Compared with benchmark ■ Better ■ Similar ■ Worse ■ Lower ■ Similar ■ Higher ■ Not compared * a note is attached to the value, hover over to see more details

Recent trends: (in development) — Could not be calculated ↑ Increasing / Getting worse ↑ Increasing / Getting better ↓ Decreasing / Getting worse ↓ Decreasing / Getting better ↔ No significant change ↑ Increasing ↓ Decreasing

Areas **All in London region** All in England Export table as image

2.07ii - Hospital admissions caused by unintentional and deliberate injuries in young people (aged 15-24 years) 2015/16

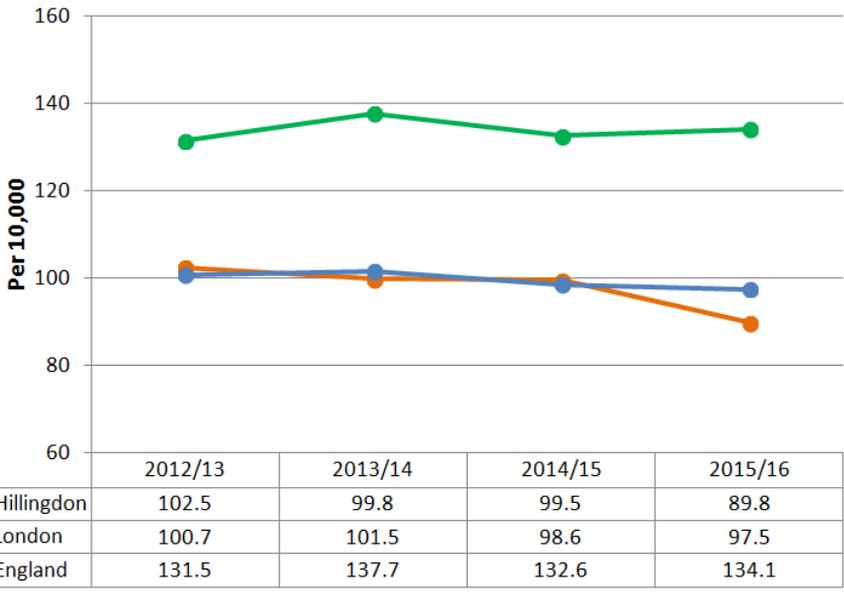
Area	Recent Trend	Count	Value	95% Lower CI	95% Upper CI
England	↓	91,236	134.1	133.2	134.9
London region	↓	10,169	97.5	95.7	99.5
Barking and Dagenham	↓	256	98.8	87.1	111.7
Barnet	↔	412	95.4	86.4	105.1
Bexley	↔	291	97.3	86.4	109.1
Brent	↓	296	75.0	66.7	84.0
Bromley	↔	355	104.5	93.9	115.9
Camden	↓	249	72.0	63.3	81.5
City of London	—	-	*	-	-
Croydon	↔	534	120.5	110.5	131.1
Ealing	↔	477	125.2	114.2	137.0
Enfield	↔	352	87.2	78.4	96.8
Greenwich	↔	336	97.7	87.5	108.7
Hackney	↔	306	97.3*	86.7	108.9
Hammersmith and Fulham	↔	232	111.4	97.5	126.7
Haringey	↔	294	90.0	80.0	100.9
Harrow	↔	202	72.3	62.7	83.0
Havering	↓	220	73.9	64.5	84.4
Hillingdon	↓	364	89.8	80.8	99.5
Hounslow	↔	418	134.7	122.1	148.2
Islington	↓	332	94.5	84.6	105.3
Kensington and Chelsea	↓	137	83.9	70.5	99.2
Kingston upon Thames	↔	184	80.3	69.1	92.8
Lambeth	↔	432	116.3	105.6	127.8
Lewisham	↔	401	113.9	103.0	125.6
Merton	↔	228	112.4	98.3	127.9
Newham	↓	475	99.3	90.6	108.7
Redbridge	↓	276	76.7	67.9	86.3
Richmond upon Thames	↔	213	119.5	104.0	136.7
Southwark	↔	458	112.2	102.1	122.9
Sutton	↔	311	146.1	130.3	163.2
Tower Hamlets	↓	333	77.8	69.7	86.7
Waltham Forest	↓	261	82.3	72.6	93.0
Wandsworth	↔	327	105.3	94.2	117.4
Westminster	↓	207	74.2	64.4	85.0

Source: Hospital Episode Statistics (HES)

The number of finished emergency admissions, with one or more codes for injuries and other adverse effects of external causes (ICD 10: S00-T79 and/or V01-Y36) in any diagnostic field position, in children (aged 15-24 years).

The actual number of hospital admissions in those **aged between 15-24** within Hillingdon fell year on year between 2012/13 (423) and 2015/16 (364):

2.07ii - Hospital admissions caused by unintentional and deliberate injuries in young people (aged 15-24 years)

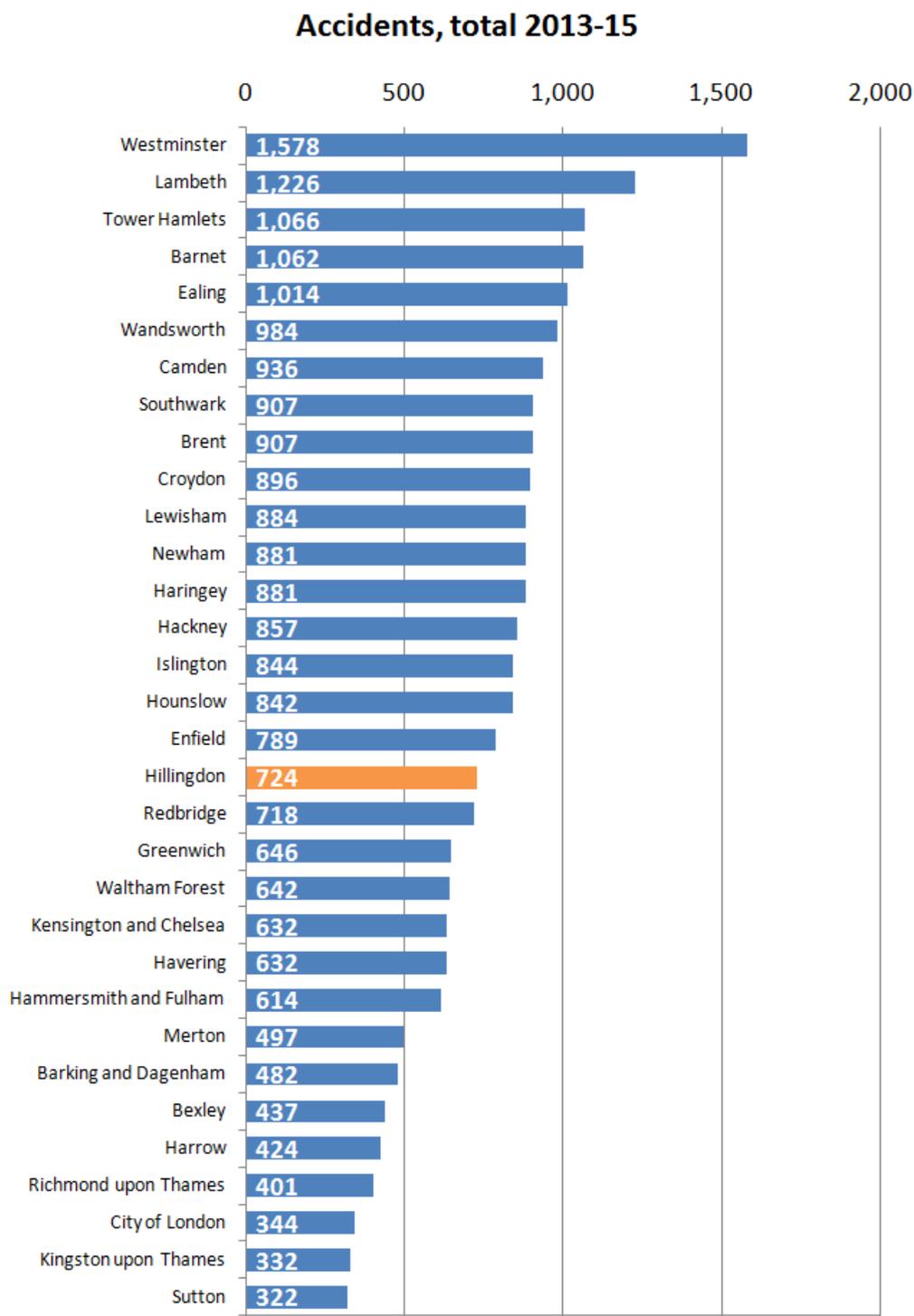


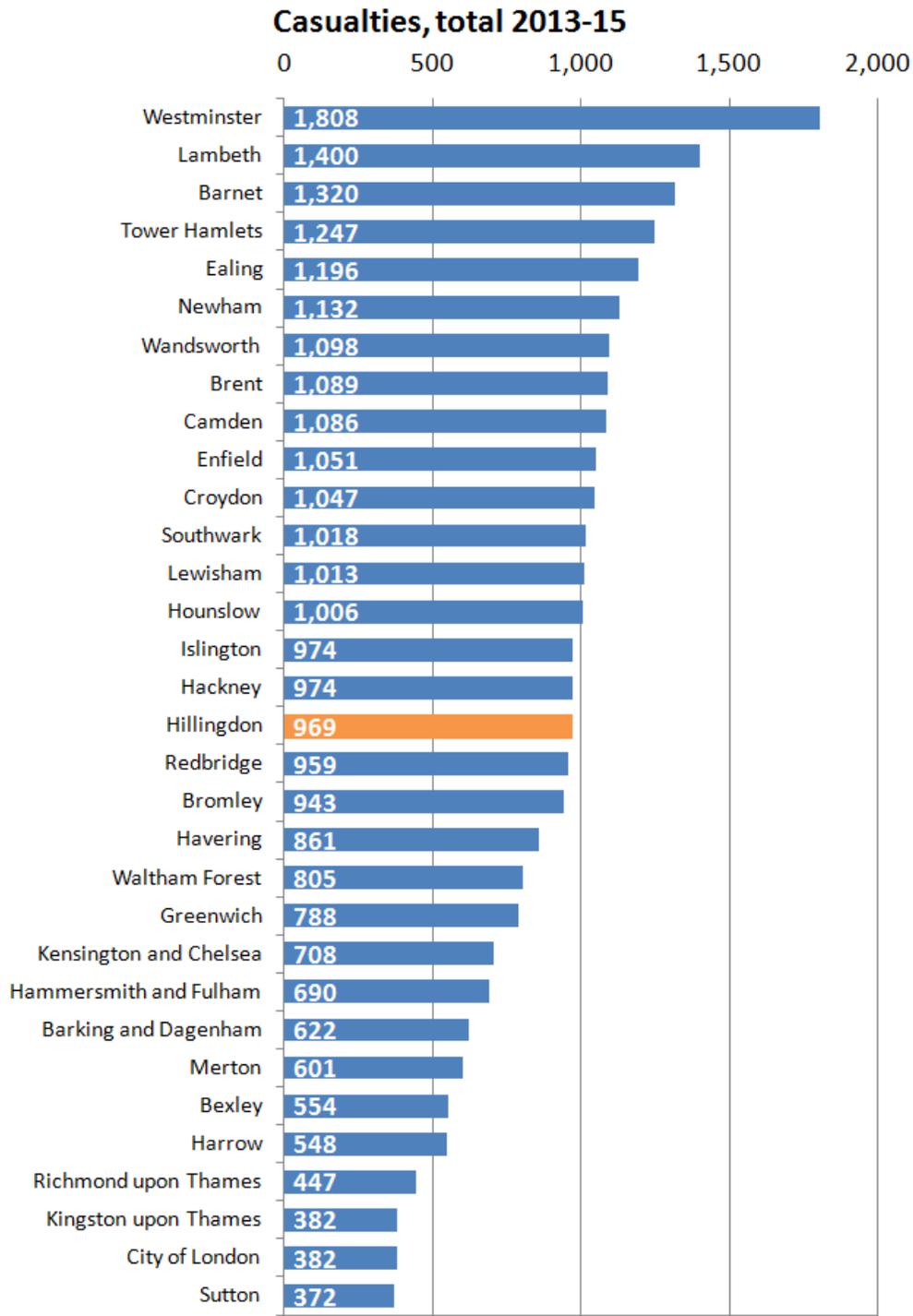
Hillingdon Count 423 408 406 364

Source: Calculated by Public Health England: Knowledge and Intelligence Team (South West) from data from the Health and Social Care Information Centre - Hospital Statistics (HES) and Office for National Statistics (ONS) Mid Year Population Estimates

Road Accidents

The charts below show the total number of accidents and casualties on London's roads in 2013 - 2015. These relate to personal injury accidents on public roads that are reported to the police and subsequently recorded (source: Department for Transport, Road Safety Data 2013-2015):





There was a sharp increase in both the number of accidents and the number of casualties within Hillingdon between 2013 and 2014, whilst both increases were lower between 2014 and 2015:

	2013	2014	2015
Hillingdon Accidents	543	700	724
Hillingdon Casualties	739	944	969

The graphic below shows the number of **Killed & Seriously Injured Casualties (KSI)** by London Borough per 100,000 of the population from 2013-2015 (all ages), (source: Public Health Outcomes Framework, Indicator 1.10, 2013-2015). Hillingdon is below both the England and London rates with 23.8 KSI casualties per 100,000 population (London = 25.7, England = 38.5). The boroughs with the highest rates of KSI casualties are in inner London:

Compared with benchmark ■ Better ■ Similar ■ Worse ■ Lower ■ Similar ■ Higher ■ Not compared * a note is attached to the value, hover over to see more details

Recent trends: (in development) - Could not be calculated ▲ Increasing / Getting worse ▲ Increasing / Getting better ▼ Decreasing / Getting worse ▼ Decreasing / Getting better ➔ No significant change ▲ Increasing ▼ Decreasing

Areas All in London region All in England [Export table as image](#)

1.10 - Killed and seriously injured (KSI) casualties on England's roads 2013 - 15 Crude rate - per 100,000

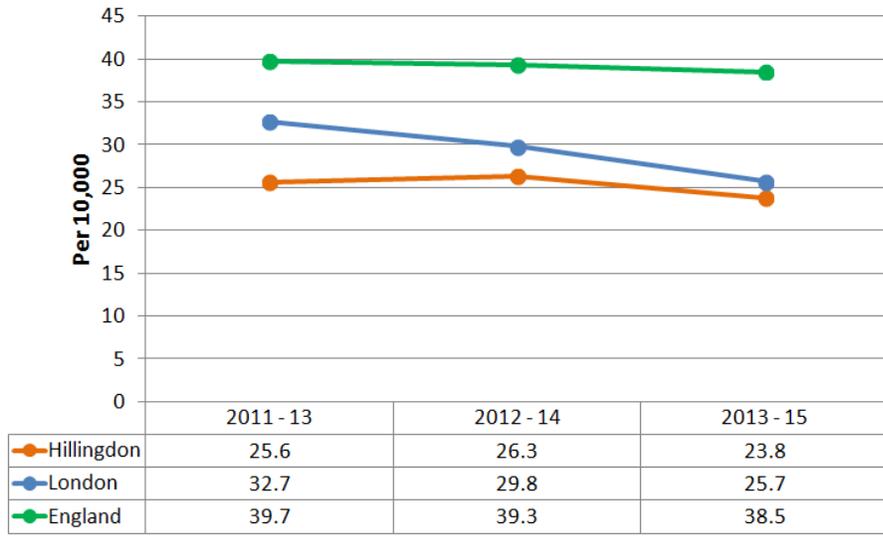
Area	Recent Trend	Count	Value	95% Lower CI	95% Upper CI
England	–	62,741	38.5	38.2	38.8
London region	–	6,591	25.7	25.1	26.4
Barking and Dagenham	–	115	19.3	16.0	23.2
Barnet	–	321	28.5	25.5	31.8
Bexley	–	85	11.8	9.4	14.6
Brent	–	250	26.0	22.9	29.4
Bromley	–	197	20.4	17.7	23.5
Camden	–	251	35.6	31.4	40.3
City of London	–	158	652.5	554.7	762.5
Croydon	–	207	18.3	15.9	21.0
Ealing	–	225	21.9	19.2	25.0
Enfield	–	194	19.9	17.2	22.9
Greenwich	–	122	15.1	12.6	18.1
Hackney	–	225	28.5	24.9	32.5
Hammersmith and Fulham	–	184	34.4	29.6	39.7
Haringey	–	253	31.5	27.8	35.7
Harrow	–	135	18.3	15.3	21.7
Havering	–	164	22.2	19.0	25.9
Hillingdon	–	209	23.8	20.7	27.3
Hounslow	–	193	24.2	20.9	27.9
Islington	–	253	38.2	33.6	43.2
Kensington and Chelsea	–	185	39.5	34.0	45.6
Kingston upon Thames	–	105	20.6	16.8	24.9
Lambeth	–	330	34.6	30.9	38.5
Lewisham	–	180	20.6	17.7	23.8
Merton	–	118	19.3	16.0	23.1
Newham	–	193	19.8	17.1	22.8
Redbridge	–	154	17.5	14.9	20.5
Richmond upon Thames	–	140	24.1	20.3	28.4
Southwark	–	245	27.0	23.7	30.6
Sutton	–	82	13.8	11.0	17.1
Tower Hamlets	–	243	28.5	25.0	32.3
Waltham Forest	–	163	20.3	17.3	23.6
Wandsworth	–	254	27.1	23.9	30.7
Westminster	–	450	64.3	58.5	70.5

Source: Department for Transport

- 1 - counts for Heathrow Airport are included in the London Centre, London Region and England totals only.
- 2 - areas with low resident populations but which have high inflows of people or traffic may have artificially high rates because the at-risk resident population is not an accurate measure of exposure to transport. This is likely to affect the results for employment centres eg City of London and sparsely populated rural areas which have high numbers of visitors or through traffic.

209 people were killed or seriously injured in Hillingdon in the period of 2013–2015. This is a decrease in the previous rolling year periods of 2012-14 (226) and 2011-12 (216):

1.10 - Killed and seriously injured (KSI) casualties on England's roads



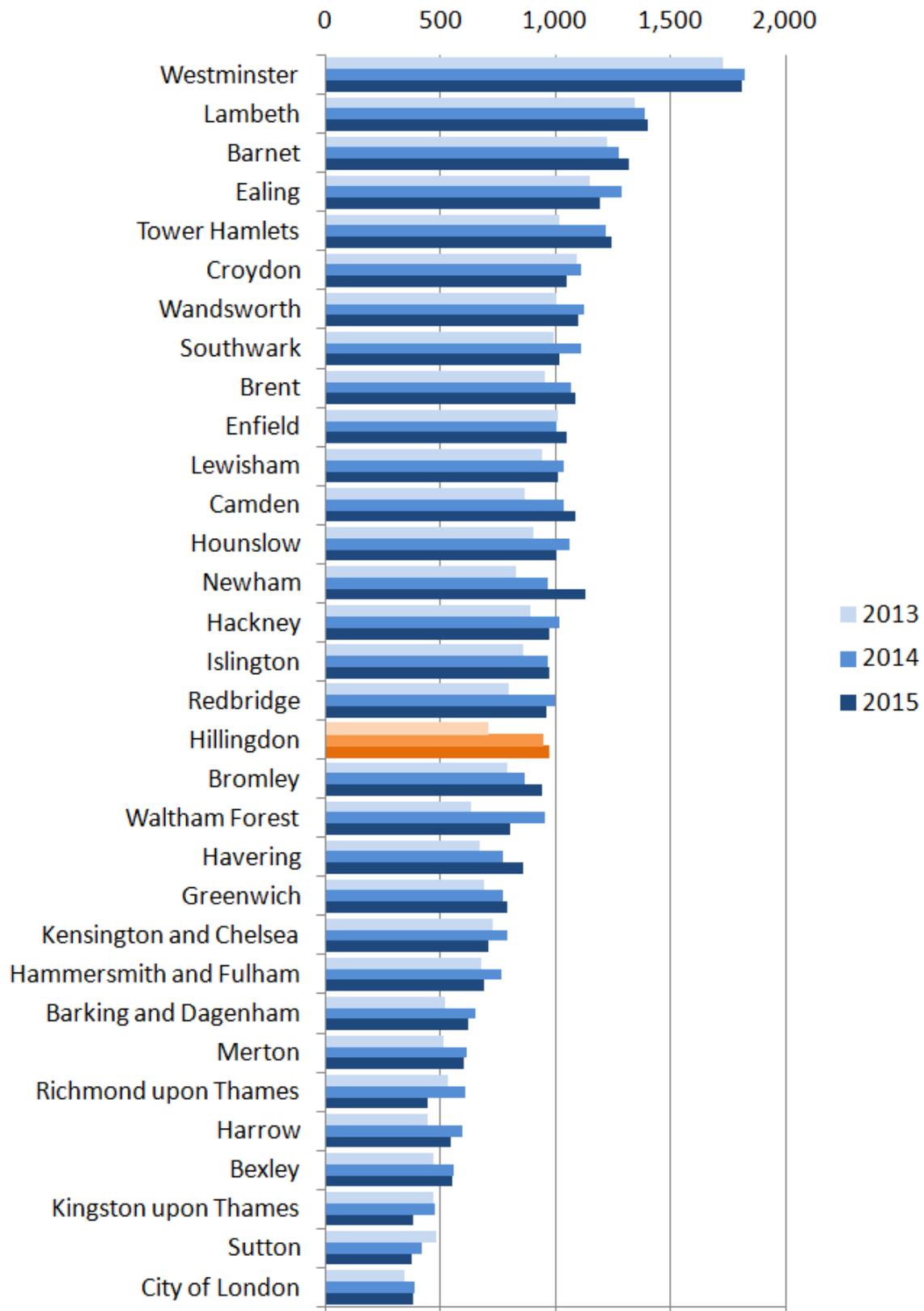
Hillingdon Count 216 226 209

Source: Calculated by Public Health England: Knowledge and Intelligence Team (South West) from data from the Health and Social Care Information Centre - Hospital Statistics (HES) and Office for National Statistics (ONS) Mid Year Population Estimates

The following charts show the number of accidents and casualties by borough each year from **2013 to 2015** (source: Department for Transport, Road Safety Data 2013 - 2015):

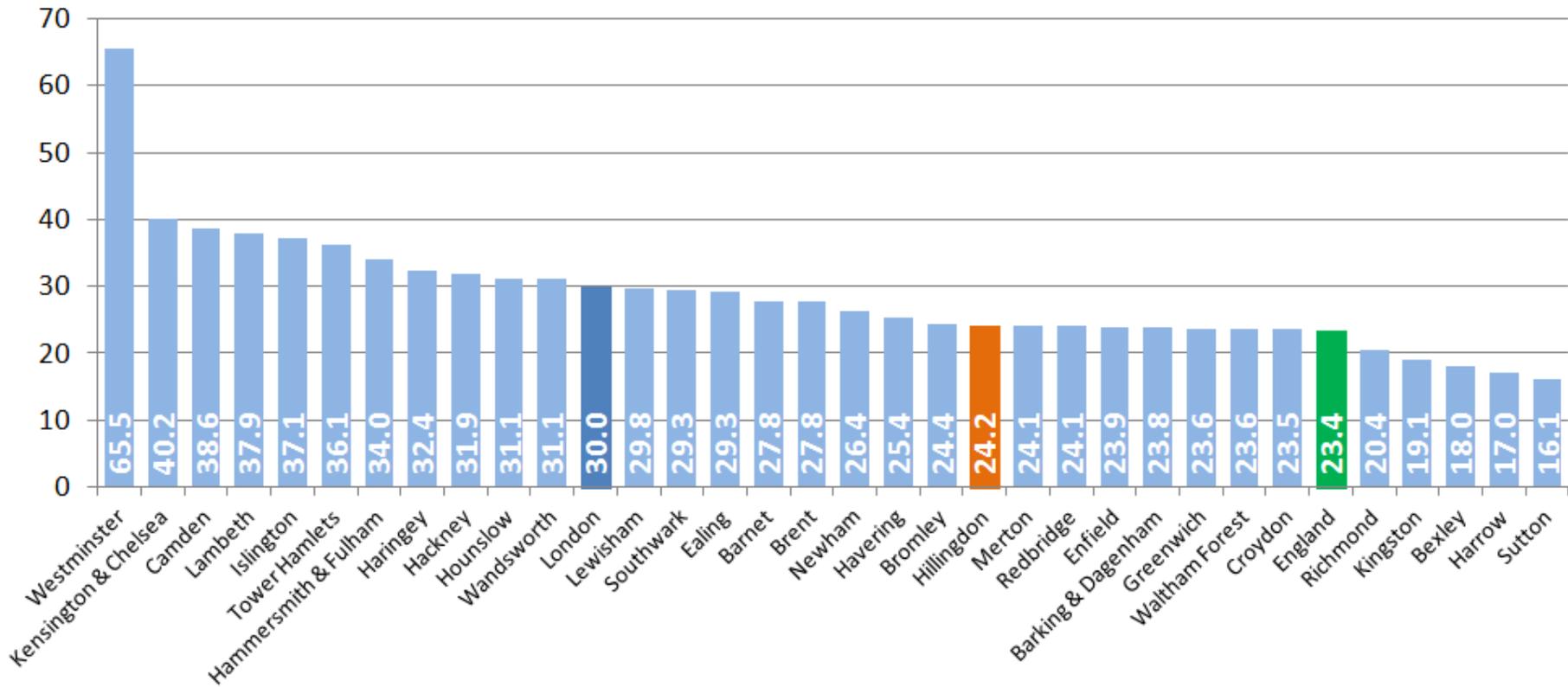


Casualties by borough



This chart shows **the rate of accidents by borough in 2015**; Hillingdon's rate (24.2 per 10,000) is below London (30.0 / 10,000) and England (23.4 / 10,000):

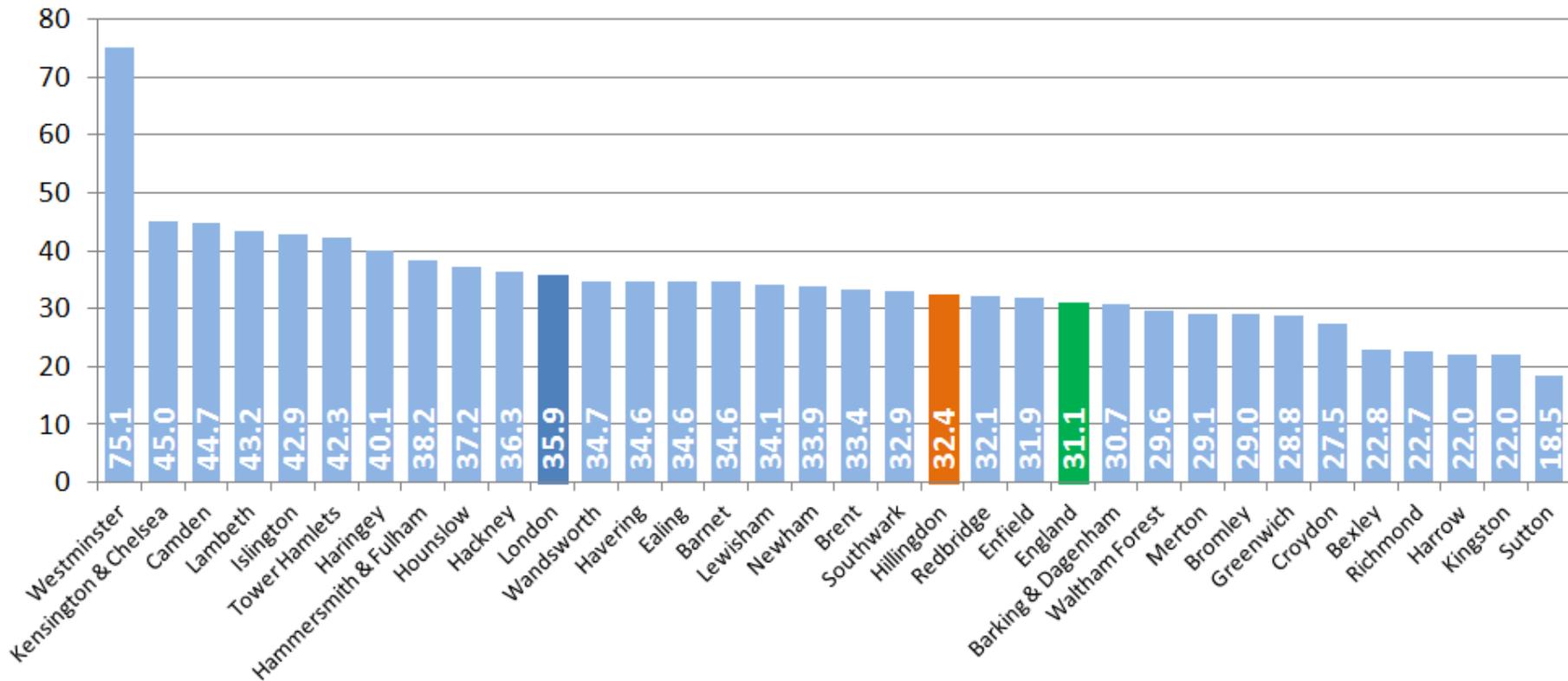
Accidents per 10,000 of the population, 2015



City of London rate = 409.5

This chart shows the **rate of casualties by borough in 2015**; Hillingdon's rate (25.8 per 10,000) is below London (32.4 / 10,000) and England (30.4 / 10,000):

Casualties per 10,000 of the population, 2015

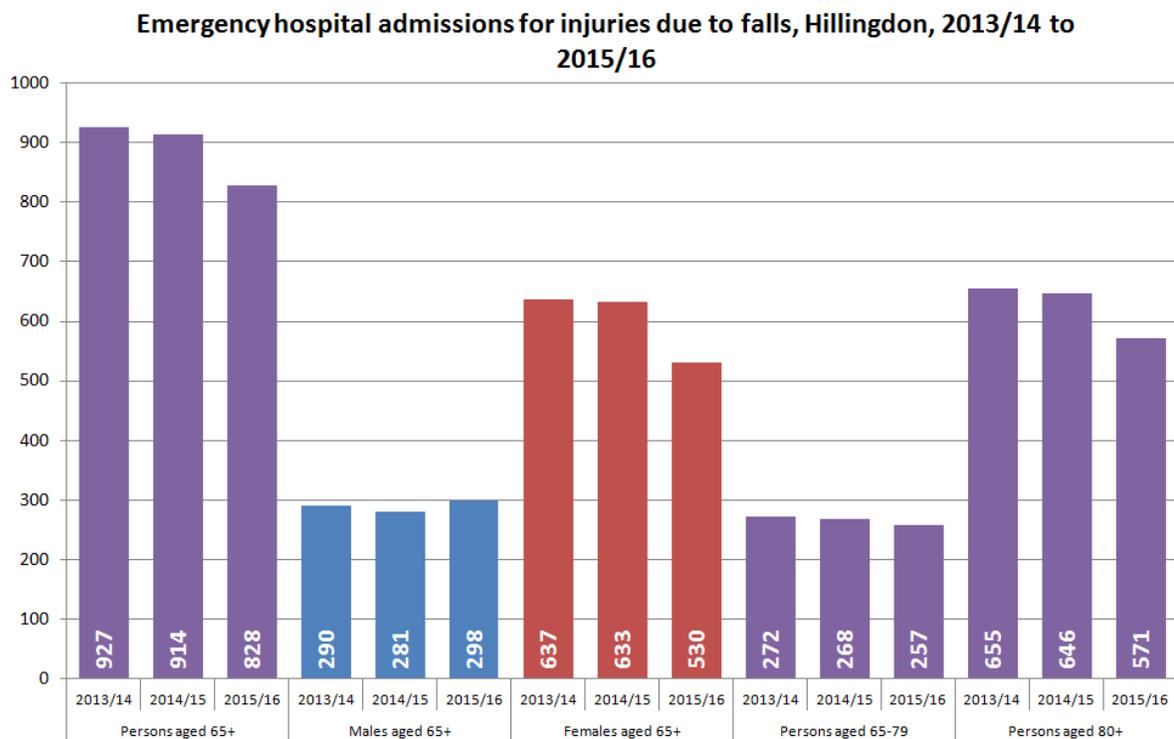


City of London rate = 454.8

Falls in Hillingdon

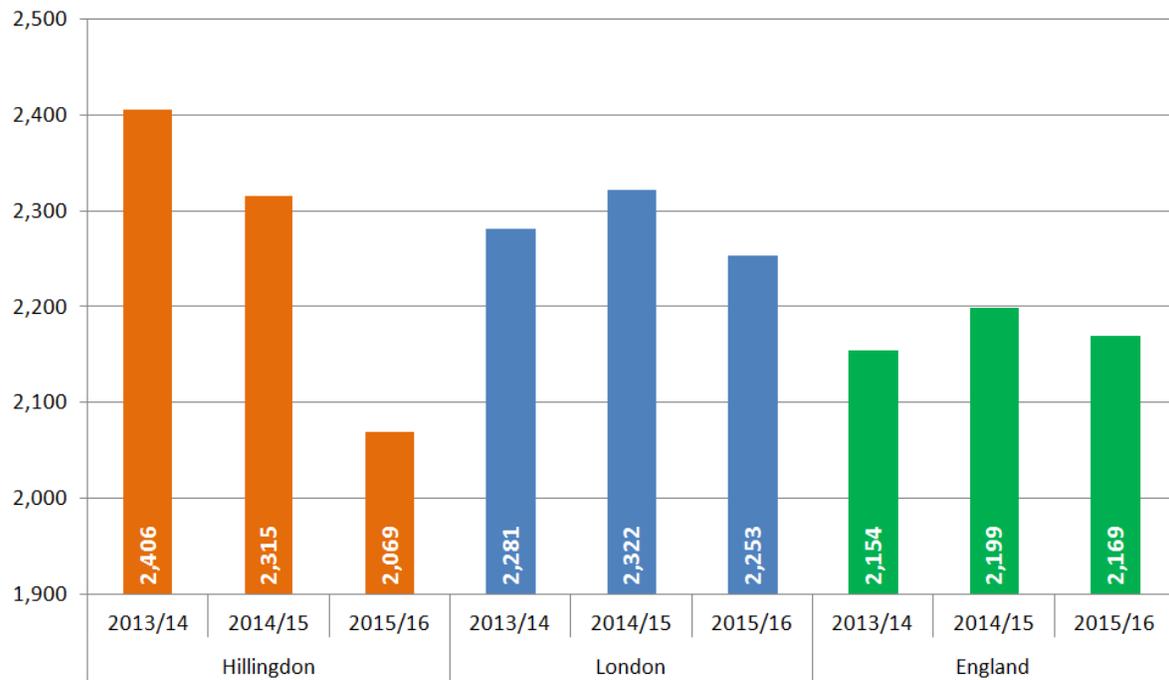
Falls are the commonest cause of accidental injury in older people and the commonest cause of accidental death in the 75+ population. Having fallen is the commonest reason for older people to attend the A&E and for being admitted to hospital.

In 2015/16 there were 828 emergency hospital admissions for injuries due to falls in Hillingdon's residents aged over 65 (298 in males and 530 in females). Of these, 257 were in the 65-79 age group, and 571 were in the 80+ age group. The chart below shows the number of hospital admissions from falls since 2010. (Source: Public Health Outcome Framework, 2015/16):



Hillingdon's injuries from falls rate per 100,000 is higher than both London and England, and increased between 2011/12 and 2012/13, whereas both London and England's rates between those periods fell:

Emergency hospital admissions due to falls in people aged 65+, 2013/14 to 2015/16 (rates per 100,000 population)



For further information on falls, see the JSNA chapter on Client Group Approach, Older People: Health:
<http://www.hillingdon.gov.uk/article/21910/Client-Group-approach>