

## NHS Wirral CCG

### Background

This profile presents information on people with diabetes in NHS Wirral who were admitted to hospital for diabetic foot disease.

The data are compiled from Hospital Episode Statistics (HES) and covers episodes of inpatient care between 1 April 2012 and 31 March 2015. An episode of care is a period as an inpatient under the care of a specific consultant. It is important to note that a patient may have more than one episode of care during a spell in hospital if they are transferred between the care of different consultants.

The profile collates data for admissions to hospital for diabetic foot disease. This could be based on a discharge diagnosis (foot, leg or pressure ulcer, cellulitis, osteomyelitis, gangrene or atherosclerosis) or a procedure performed (amputation or debridement of a foot or leg wound). A technical annex is available detailing the methodology used at: [www.ncvin.org.uk](http://www.ncvin.org.uk).

Key facts	Local CCG	England
Total episodes of inpatient care for diabetic foot disease	1,441	167,224
Annual episodes of care for diabetic foot disease per 1,000 adults with diabetes	27.0	19.8
Total nights in hospital due to diabetic foot disease	10,923	1,357,714
Annual nights in hospital for diabetic foot disease per 1,000 adults with diabetes	204.7	161.0
Episodes of care where an amputation is performed on those with diabetes	170	22,109
Annual amputations per 1,000 adults with diabetes	3.2	2.6

### Key findings

There have been 1,441 episodes of care for diabetic foot disease between 2012/13 and 2014/15, accounting for 10,923 nights in hospital. This is equivalent to 204.7 nights in hospital per 1,000 people with diabetes.

619 different patients were admitted for foot disease. 57.8% of these had more than one episode of care in the three years. These patients accounted for 72.5% of the nights spent in hospital by people with a diabetic foot condition.

There were 69 major amputations performed during the three years, giving an annual rate of 1.3 major amputations per 1,000 adults with diabetes. This is significantly higher than the national average.

The rate of major amputation episodes in NHS Wirral CCG has decreased by 18% since 2009-2012.

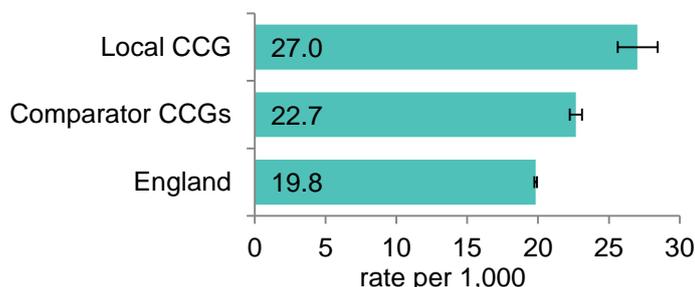
Any enquiries regarding this publication should be sent to [ncvin@phe.gov.uk](mailto:ncvin@phe.gov.uk)

Note, the age and ethnic distribution of the local population may affect the number of admissions for diabetic foot disease. These data should be considered in context.

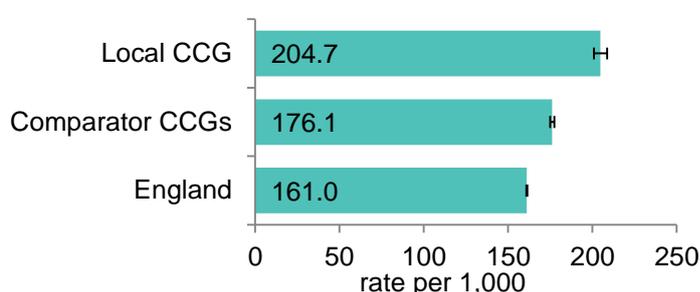
## NHS Wirral CCG

In NHS Wirral CCG there were 1,441 episodes of care for diabetic foot disease between 2012/13 and 2014/15, which is equivalent to 27 per 1,000 people with diabetes per year. This care accounted for 10,923 nights as an inpatient, which is equivalent to 204.7 nights per 1,000 people with diabetes per year.

**Episodes of care for diabetic foot disease**



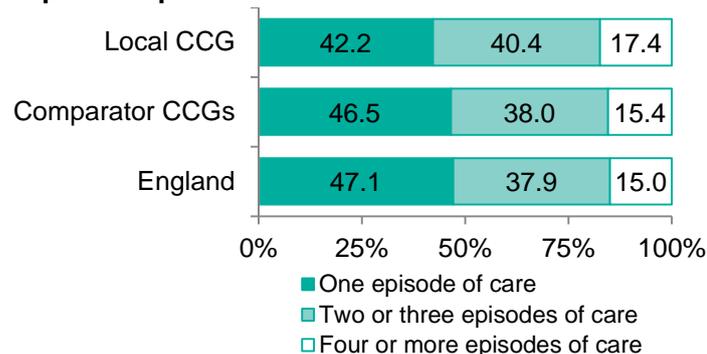
**Nights in hospital for diabetic foot disease**



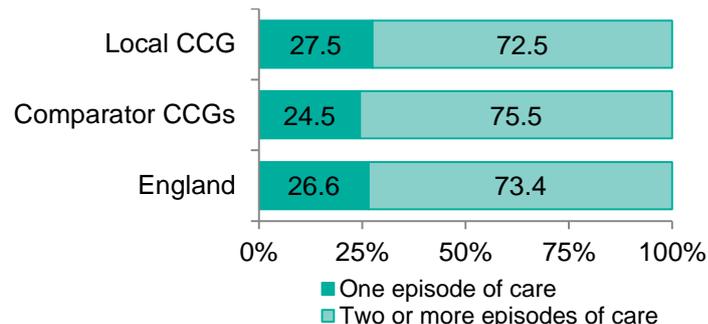
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There were 619 patients with diabetes who were admitted for diabetic foot disease between 2012/13 and 2014/15 in NHS Wirral CCG. Of these, 358 (57.8%) had more than one episode of care during the three years. These patients accounted for 72.5% of the nights spent in hospital by people with a diabetic foot condition. There were 108 patients (17.4%) who received four or more episodes of care for diabetic foot disease.

**Percentage of patients admitted to hospital with diabetic foot disease by the number of inpatient episodes**



**Percentage of total nights spent in hospital by people with diabetic foot disease by the number of inpatient episodes**



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Patients admitted for diabetic footcare disease who were registered with a GP in NHS Wirral CCG were admitted to a range of hospital provider trusts for this care during the three year period. These were (only those with 25 or more episodes are shown):

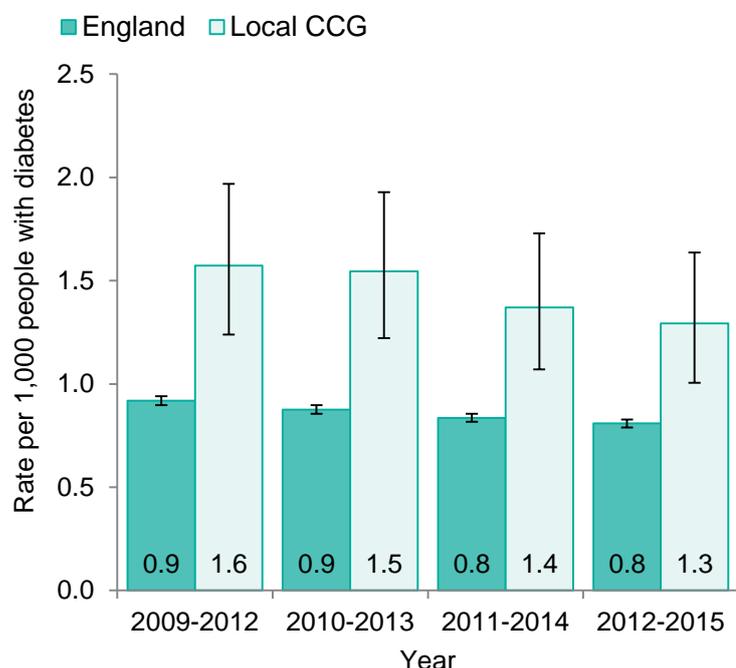
Provider trust	% of all episodes
Wirral University Teaching Hospital NHS Foundation Trust	95%
Countess Of Chester Hospital NHS Foundation Trust	3%

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## NHS Wirral CCG

In NHS Wirral CCG there were 170 episodes of care where a major or minor amputation occurred in patients who were recorded as having diabetes between 2012/13 and 2014/15. This is equivalent to 3.2 amputations annually per 1,000 people with diabetes. These episodes resulted in 3,315 nights in hospital during the three years.

### Major amputations



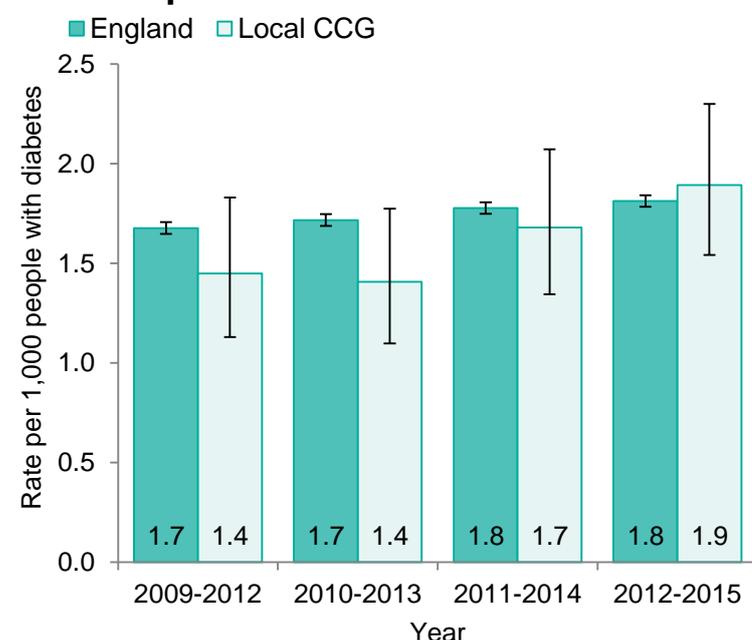
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There were 69 episodes of care where a major amputation (above the ankle) occurred between 2012/13 and 2014/15. This is equivalent to 1.3 major amputations annually per 1,000 people with diabetes and is significantly higher than the national average of 0.8 per 1,000. These episodes resulted in 1,886 nights in hospital during the three years.

Since 2009-2012, the rate of major amputation episodes in NHS Wirral CCG has decreased by 18%.

If the incidence of major amputations were to be reduced to the national average, this would have been equivalent to 26 fewer major amputations performed over the three year period in NHS Wirral CCG.

### Minor amputations



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There were 101 episodes of care where a minor amputation (below the ankle) occurred between 2012/13 and 2014/15. This is equivalent to 1.9 minor amputations per 1,000 people with diabetes, which is not significantly different than the national average of 1.8 per 1,000. These episodes resulted in 1,429 nights in hospital during the three years.

Since 2009-2012, the rate of minor amputation episodes in NHS Wirral CCG has increased by 31%.

These data should be considered alongside the incidence of major amputations shown in the chart above.

## NHS Wirral CCG

The spine chart below summarises some of the information presented in the rest of this profile. The aim is to provide the reader with all the information available to help interpret and justify the evidence, and to make it easier to re-use the data.

	Indicator	No. in selected CCG (3 years)	CCG rate or %	Similar CCGs	England average	Lowest CCG in England	England range	Highest CCG in England
Indicators based on ALL inpatient footcare	Episodes of care in hospital for diabetic foot disease per 1,000 people aged 17+ with diabetes	1,441	27.0	22.7	19.8	7.5		37.6
	Number of days in hospital for diabetic footcare disease per 1,000 people aged 17+ with diabetes	10,923	204.7	176.1	161.0	72.4		296.7
	Average number of nights spent in hospital per episode of care for diabetic footcare diseases	-	7.6	7.8	8.1	5.1		13.3
	% of episodes of care for diabetic foot conditions accounted for by patients who had more than one inpatient stay	1,180	81.9%	79.1%	78.7%	53.9%		87.6%
	% of patients who had more than one episode of care for diabetic foot disease within the three years	358	57.8%	53.5%	52.9%	29.3%		66.0%
	% of patients who had four or more episodes of care for diabetic foot diseases within three years	108	17.4%	15.4%	15.0%	4.3%		26.5%
Indicators based on amputations only	Amputations per 1,000 people aged 17+ with diabetes	170	3.2	2.7	2.6	0.6		4.9
	Number of days in hospital for amputations per 1,000 people aged 17+ with diabetes	3,315	62.1	46.6	42.1	12.8		105.7
	Major amputations per 1,000 people aged 17+ with diabetes	69	1.3	1.0	0.8	0.2		2.1
	Minor amputations per 1,000 people aged 17+ with diabetes	101	1.9	1.7	1.8	0.4		3.9

- Significantly lower than the England value
- No significant difference from the England value
- Significantly higher than the England value
- ◆ Value for similar CCGs

