

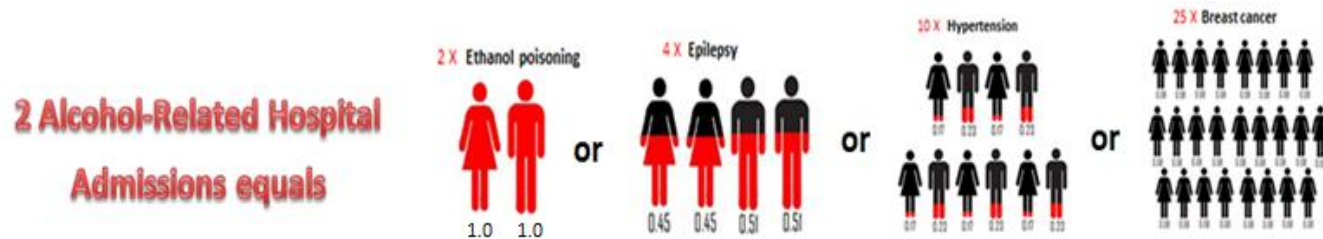
## Alcohol Indicators for Northampton – Local Alcohol Profiles for England, March 2016

### Background

Public Health England produce a range of indicators to evidence the impact of alcohol across the country, which are published at <http://fingertips.phe.org.uk/profile/local-alcohol-profiles>.

The majority of these indicators measure hospital admissions and deaths caused by alcohol consumption. Alcohol-specific indicators consider illnesses that are wholly attributable to alcohol consumption, such as alcoholic liver disease and alcohol poisoning, while alcohol-related indicators also consider illnesses in which alcohol may be a contributory factor, such as hypertension and certain cancers.

Where alcohol is one of several risk factors, Alcohol Attributable Fractions are used to estimate the likelihood of the death/hospital admission being linked to alcohol based on diagnoses, patient age and gender. The sum total of all these probabilities can be used as proxy estimates of the numbers of deaths/hospital admissions were related to alcohol. For example:



There are two measures of alcohol-related admissions:

- A broad measure that considers all diagnosis codes for each admission
- A narrow measure that considers only the primary diagnosis and external cause codes (e.g. assault)

The broad measure provides an overall estimate of the wider impact of alcohol on health services, while the narrow measure was introduced by Public Health England as an indicator that is less sensitive to coding practices and more responsive to changes brought about by local initiatives.

Both measures can be further broken down to reflect the specific causes of admission, such as liver disease and cardiovascular disease.

All admission and mortality indicators are expressed as directly standardised rates (DSR) per 100,000 population in order to be able to compare different geographies and timeframes.

# Northampton

## Summary

- Northampton's rate of alcohol-specific mortality in females has fallen significantly between 2009-11 and 2012-14.
- The rate of admission episodes for alcohol-related liver disease decreased significantly from 2012/13 to 2013/14. However, there were significant increases in the rates of admissions for alcohol-related mental and behavioural disorders and cardiovascular diseases (males and persons), which will have contributed to the significant increase in Northampton's overall broad rate of alcohol-related admissions. Provisional figures for 2014/15 suggest the upwards trend in alcohol-related admissions is ongoing.

## Indicators where Northampton's rate is significantly better than the England average

RAG ratings - ■ = significantly better, ■ = no significant difference, ■ = significantly worse,  = not measured

Indicator (RAG against East Midlands benchmark)	Latest Period	Northampton	East Midlands	England	Local DOT Since Last Period
Alcohol-specific mortality - Female	2012 - 14	4.2	7.4	7.4	↓
Alcohol-specific hospital admission - Persons	2013/14	313.3	317.9	373.8	↑
Alcohol-specific hospital admission - Male	2013/14	420.1	427.8	515.1	↑
Admission episodes for alcohol-related conditions (Broad) - Persons	2013/14	2,000.6	1,934.1	2,111.2	↑
Admission episodes for alcohol-related conditions (Broad) - Male	2013/14	2,699.6	2,636.8	2,916.8	↑
Admission episodes for alcohol-related conditions (Narrow) - Male	2013/14	773.0	857.9	835.3	↓
Admission episodes for alcohol-related mental and behavioural disorders due to use of alcohol condition (Broad) - Persons	2013/14	321.2	326.6	393.9	↑
Admission episodes for alcohol-related mental and behavioural disorders due to use of alcohol condition (Broad) - Male	2013/14	483.1	471.6	579.2	↑
Admission episodes for alcohol-related mental and behavioural disorders due to use of alcohol condition (Broad) - Female	2013/14	164.1	187.4	218.2	↑
Admission episodes for alcohol-related alcoholic liver disease condition (Broad) - Persons	2013/14	66.2	83.8	105.3	↓
Admission episodes for alcohol-related alcoholic liver disease condition (Broad) - Male	2013/14	86.6	114.1	147.1	↓

Admission episodes for alcohol-related alcoholic liver disease condition (Broad) - Female	2013/14	47.2	54.8	65.8	↓
Admission episodes for alcohol-related mental and behavioural disorders due to use of alcohol condition (Narrow) - Persons	2013/14	64.6	80.6	87.3	↓
Admission episodes for alcohol-related mental and behavioural disorders due to use of alcohol condition (Narrow) - Male	2013/14	84.3	113.3	124.5	↓
Admission episodes for alcohol-related intentional self-poisoning by and exposure to alcohol condition (Narrow) - Male	2013/14	34.8	44.3	52.0	↓

### Indicators where Northampton's rate is **not significantly different** to the England average

RAG ratings - ■ = significantly better, ■ = no significant difference, ■ = significantly worse, □ = not measured

Indicator (RAG against East Midlands benchmark)	Latest Period	Northampton	East Midlands	England	Local DOT Since Last Period
Months of life lost due to alcohol - Male	2012 - 14	14.0	12.0	12.0	↓
Months of life lost due to alcohol - Female	2012 - 14	5.4	5.8	5.6	↓
Alcohol-specific mortality - Persons	2012 - 14	11.7	11.6	11.6	↓
Alcohol-specific mortality - Male	2012 - 14	19.4	15.9	16.1	↓
Mortality from chronic liver disease - Persons	2012 - 14	12.3	11.6	11.5	↓
Mortality from chronic liver disease - Male	2012 - 14	17.3	15.4	15.2	↓
Alcohol-related mortality - Persons	2014	46.8	45.4	45.5	↓
Alcohol-related mortality - Male	2014	70.5	64.7	65.4	↑
Alcohol-related mortality - Female	2014	26.1	28.9	28.8	↓
Alcohol-specific hospital admission - under 18s	2011/12 - 13/14	37.4	33.8	40.1	↓
Alcohol-specific hospital admission - Female	2013/14	211.9	213.5	241.3	↑
Alcohol-related hospital admission (Broad) - Persons	2013/14	1,229.0	1,134.4	1,253.0	↑
Alcohol-related hospital admission (Broad) - Male	2013/14	1,664.6	1,541.6	1,714.6	↑
Alcohol-related hospital admission (Broad) - Female	2013/14	858.4	784.3	858.5	↑
Alcohol-related hospital admission (Narrow) - Persons	2013/14	435.7	439.6	443.7	↑

Alcohol-related hospital admission (Narrow) - Male	2013/14	554.5	584.2	593.7	↓
Alcohol-related hospital admission (Narrow) - Female	2013/14	332.5	310.3	310.3	↑
Admission episodes for alcohol-related conditions (Broad) - Female	2013/14	1,407.4	1,332.5	1,426.0	↑
Admission episodes for alcohol-related conditions (Narrow) - Persons	2013/14	643.1	673.9	645.1	↓
Claimants of benefits due to alcoholism	2014	130.5	106.4	131.0	N/A
Admission episodes for alcohol-related malignant neoplasm conditions (Broad) - Male	2013/14	201.7	214.6	177.0	↓
Admission episodes for alcohol-related cardiovascular disease conditions (Broad) - Persons	2013/14	1,008.9	929.8	1,049.3	↑
Admission episodes for alcohol-related cardiovascular disease conditions (Broad) - Male	2013/14	1,446.3	1,349.3	1,523.8	↑
Admission episodes for alcohol-related cardiovascular disease conditions (Broad) - Female	2013/14	659.7	594.2	672.9	↑
Admission episodes for alcohol-related malignant neoplasm conditions (Narrow) - Male	2013/14	172.0	187.1	154.7	↓
Admission episodes for alcohol-related unintentional injuries conditions (Narrow) - Persons	2013/14	144.4	152.5	141.8	↑
Admission episodes for alcohol-related unintentional injuries conditions (Narrow) - Male	2013/14	215.7	229.0	215.2	↑
Admission episodes for alcohol-related unintentional injuries conditions (Narrow) - Female	2013/14	78.7	81.8	74.2	↑
Admission episodes for alcohol-related mental and behavioural disorders due to use of alcohol condition (Narrow) - Female	2013/14	45.3	48.8	51.6	↑
Admission episodes for alcohol-related intentional self-poisoning by and exposure to alcohol condition (Narrow) - Persons	2013/14	57.5	51.7	58.6	↑
Admission episodes for alcohol-related intentional self-poisoning by and exposure to alcohol condition (Narrow) - Female	2013/14	80.5	59.1	65.4	↑

## Indicators where Northampton's rate is significantly worse than the England average

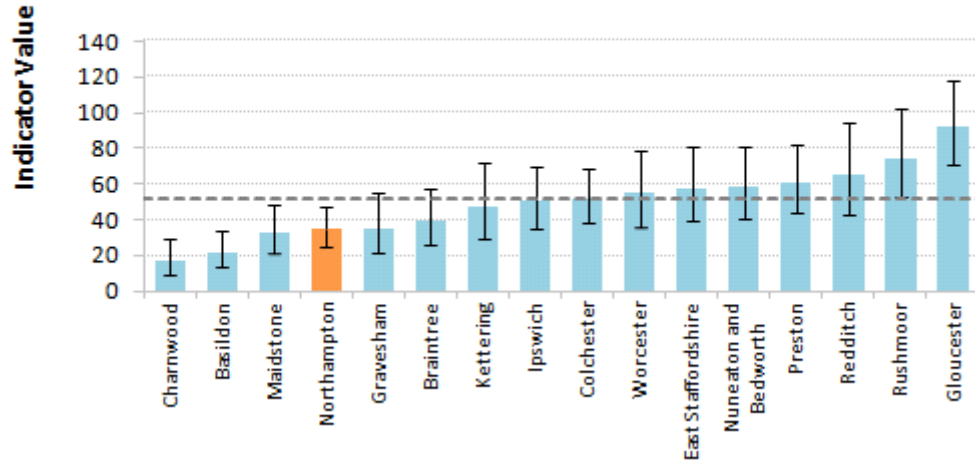
RAG ratings - ■ = significantly better, ■ = no significant difference, ■ = significantly worse,  = not measured

Indicator (RAG against East Midlands benchmark)	Latest Period	Northampton	East Midlands	England	Local DOT Since Last Period
Admission episodes for alcohol-related conditions (Narrow) - Female	2013/14	530.6	508.0	474.8	↑
Admission episodes for alcohol-related malignant neoplasm conditions (Broad) - Persons	2013/14	216.3	212.8	175.8	↓
Admission episodes for alcohol-related malignant neoplasm conditions (Broad) - Female	2013/14	233.0	213.0	176.5	↑
Admission episodes for alcohol-related malignant neoplasm conditions (Narrow) - Persons	2013/14	179.1	184.1	150.7	↓
Admission episodes for alcohol-related malignant neoplasm conditions (Narrow) - Female	2013/14	188.6	183.5	149.3	↑
Alcohol Related Road Traffic Accidents	2012 - 14	39.9	33.7	26.4	N/A

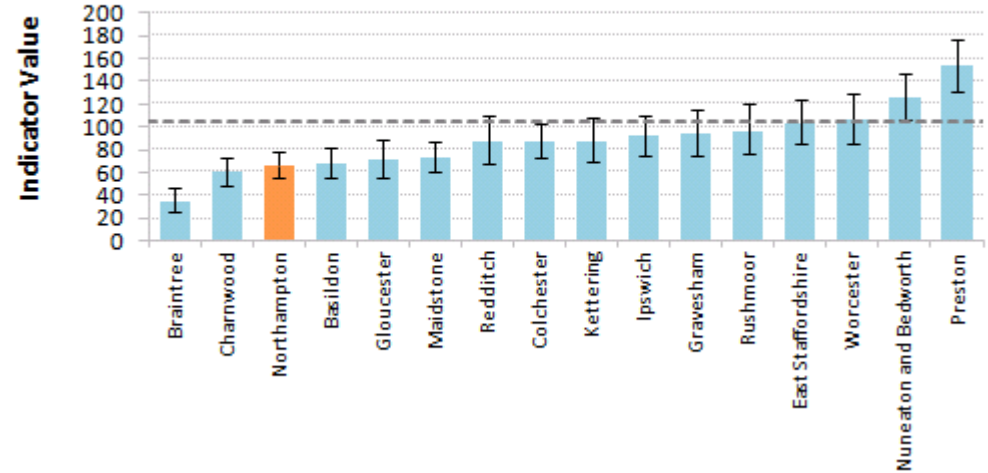
Indicators where Northampton is an outlier its CIPFA comparator group – top 20%

--- = England average

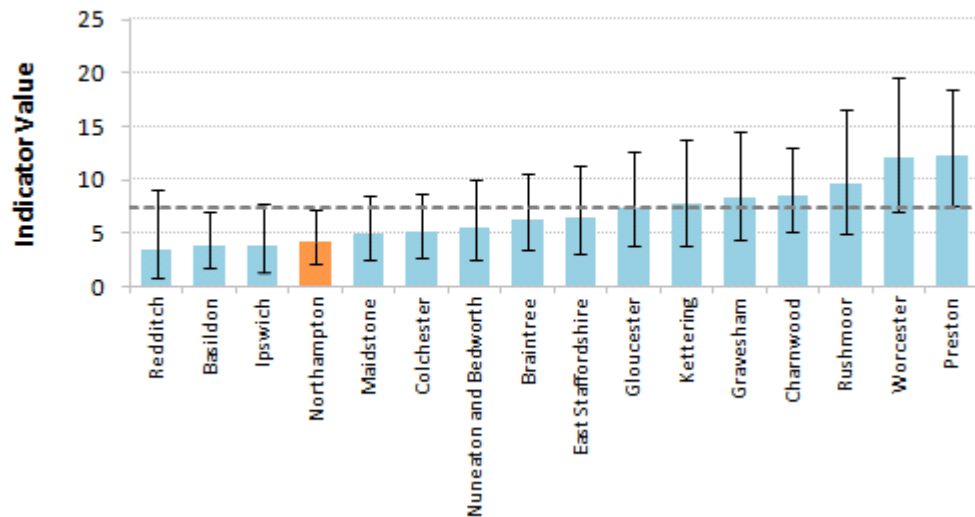
**Admission episodes for alcohol-related intentional self-poisoning by and exposure to alcohol condition (Narrow) - Male**



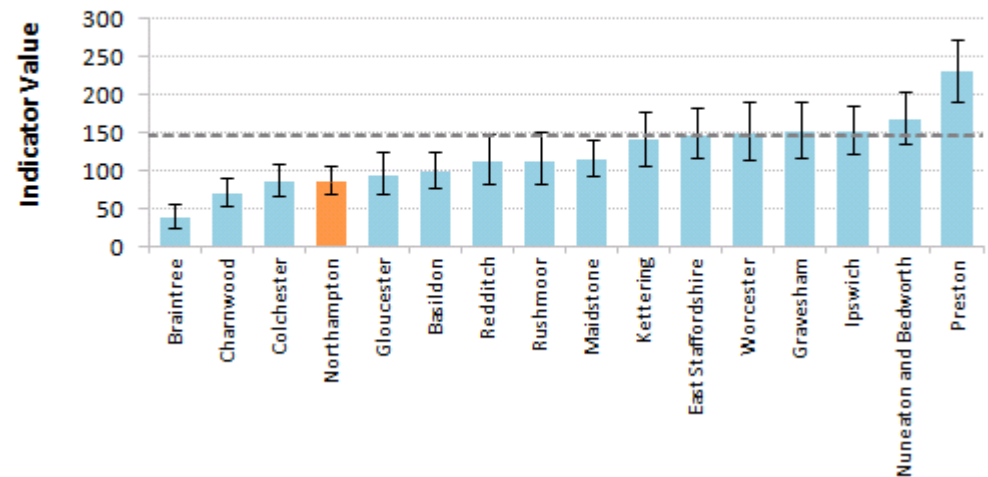
**Admission episodes for alcohol-related alcoholic liver disease condition (Broad) - Persons**



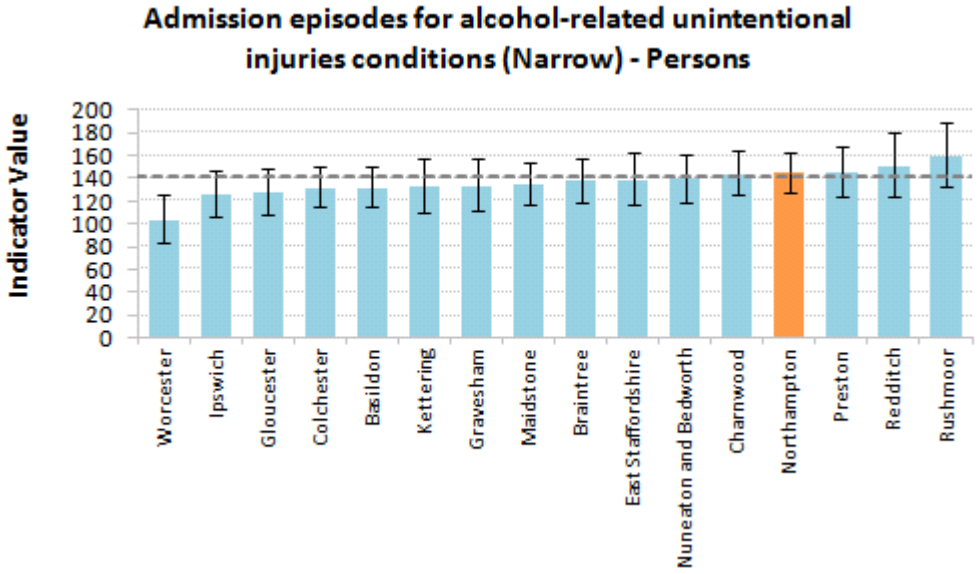
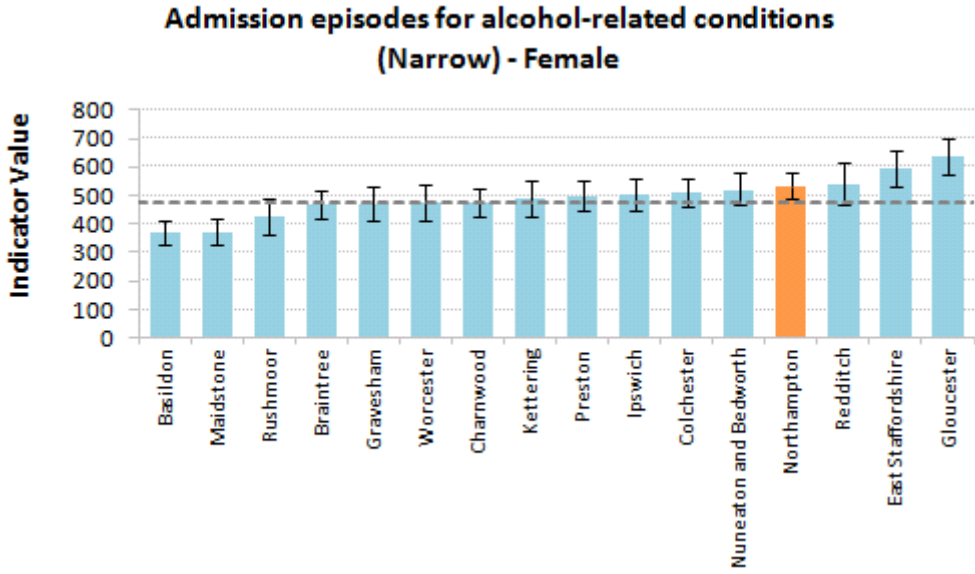
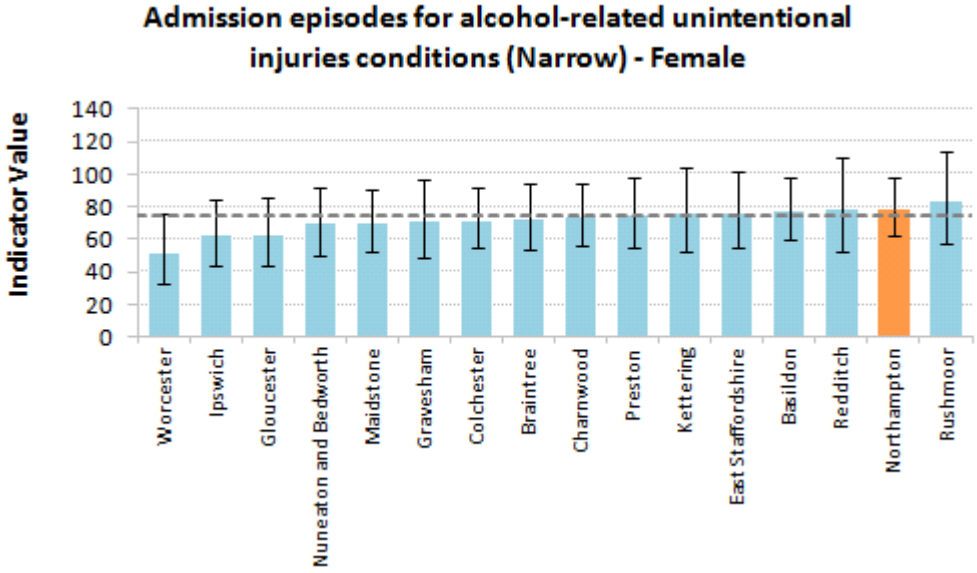
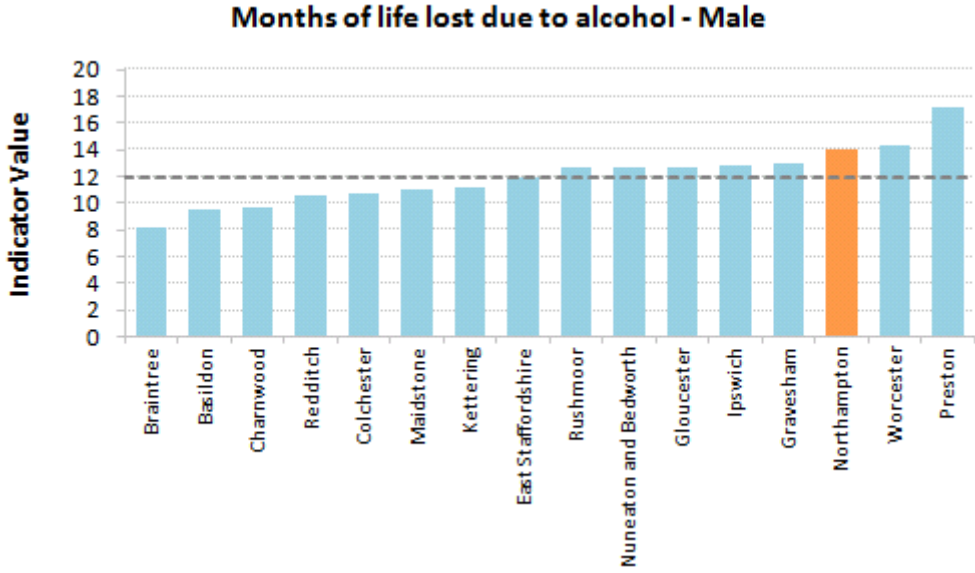
**Alcohol-specific mortality - Female**



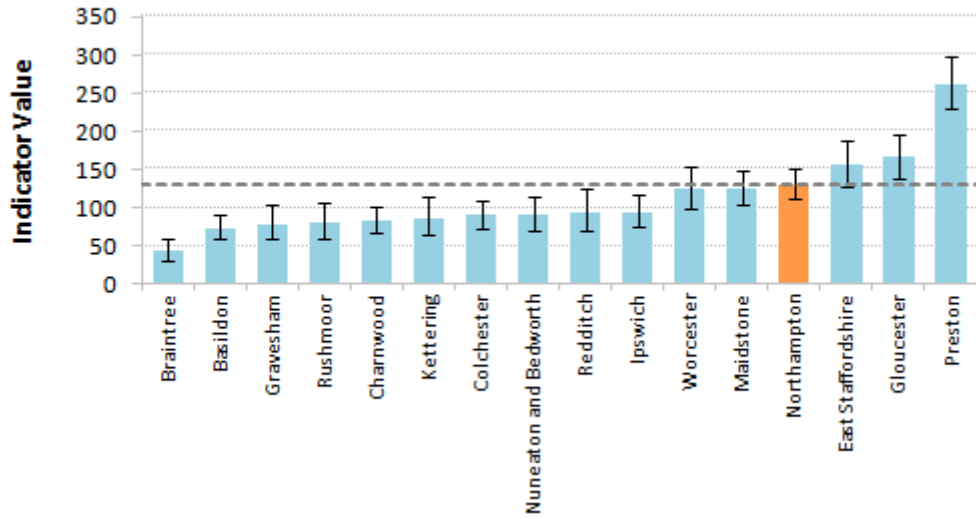
**Admission episodes for alcohol-related alcoholic liver disease condition (Broad) - Male**



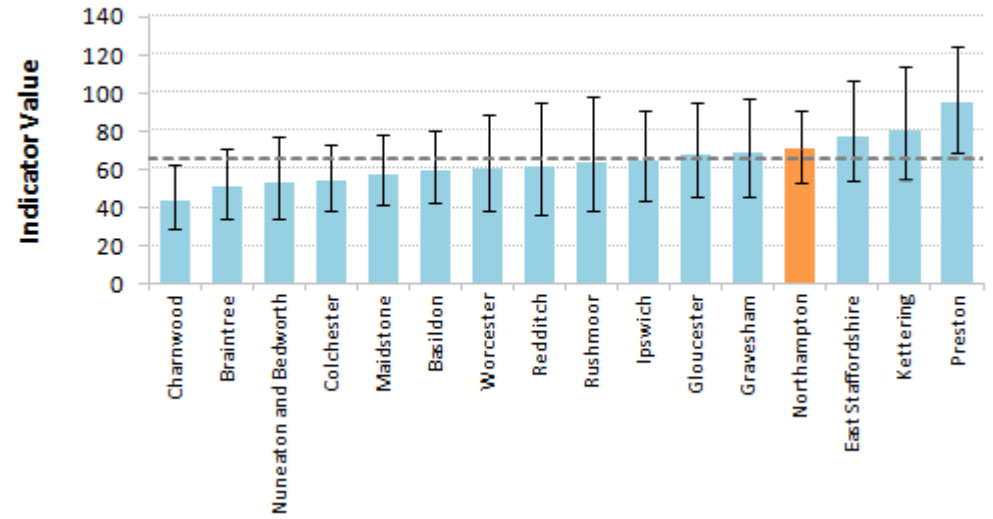
Indicators where Northampton is an outlier its CIPFA comparator group – **bottom 20%**



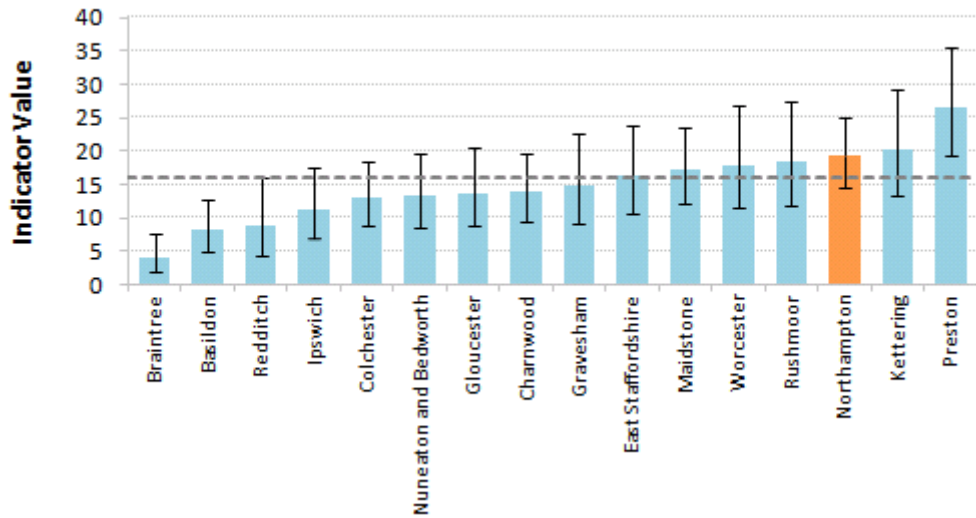
**Claimants of benefits due to alcoholism**



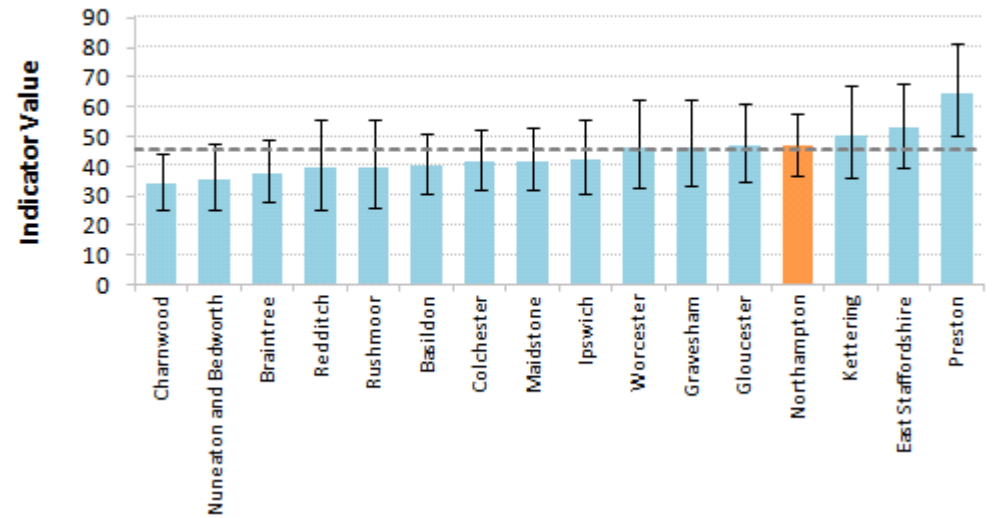
**Alcohol-related mortality - Male**



**Alcohol-specific mortality - Male**



**Alcohol-related mortality - Persons**





### Alcohol Related Road Traffic Accidents

