

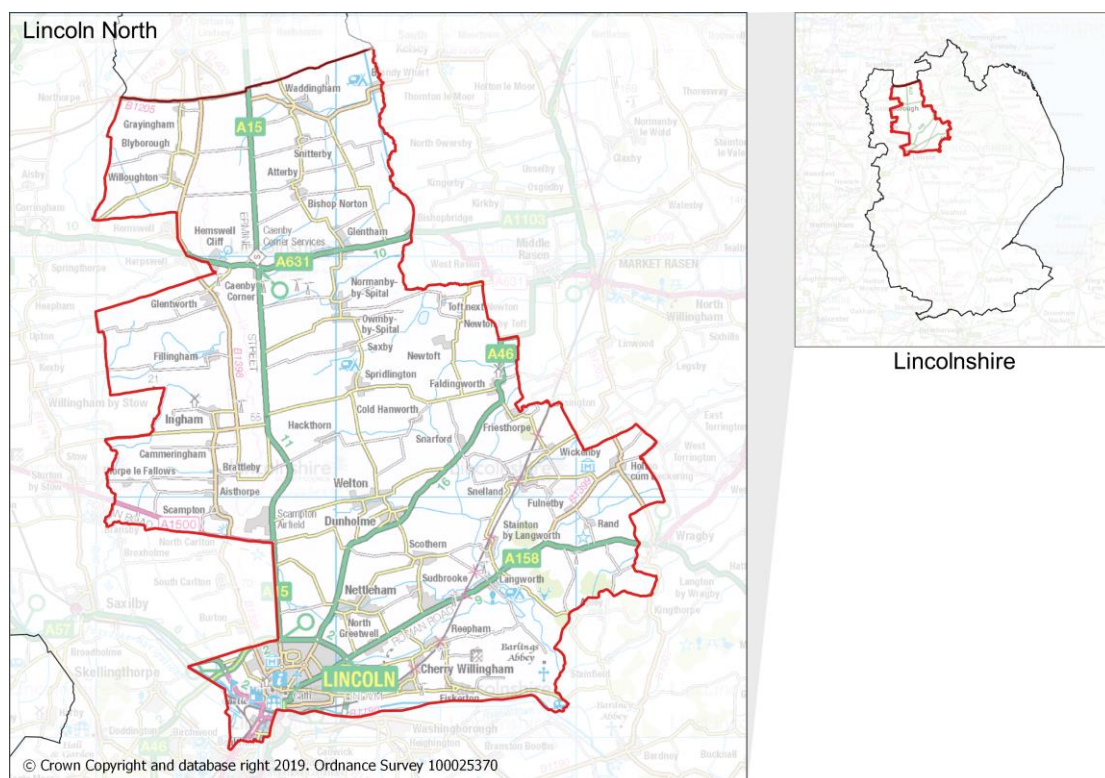
Appendix C

Lincoln North Neighbourhood Team 2019-20 Profile

Contents

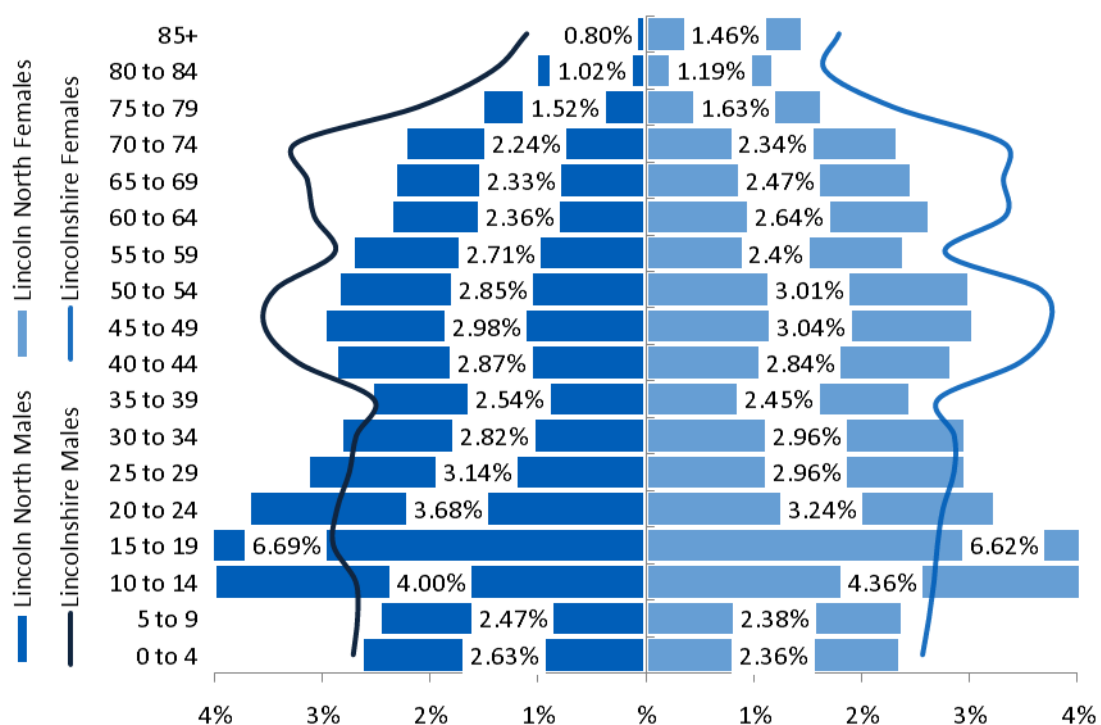
Contents.....	2
Geography	2
Population and demographics	3
Disease Prevalence	4
Lincoln North Burden of Disease	5
A&E Attendance	6
Hospital Admissions	7
Deaths.....	8
Sources.....	8

Geography



Population and demographics

Lincoln North neighbourhood team is made up of 10 GP practices (Abbey Medical Practice, Brayford Medical Practice, Cliff House Medical Practice, Glebe Park Surgery, Lindum Medical Practice, Minster Medical Practice, Nettleham Medical Practice, The Ingham Surgery, University Health Centre and Welton Family Health Centre). In 2018-19 there were 81,466 patients registered to the Lincoln North neighbourhood team covering an area of 43 lower super output areas (LSOA)



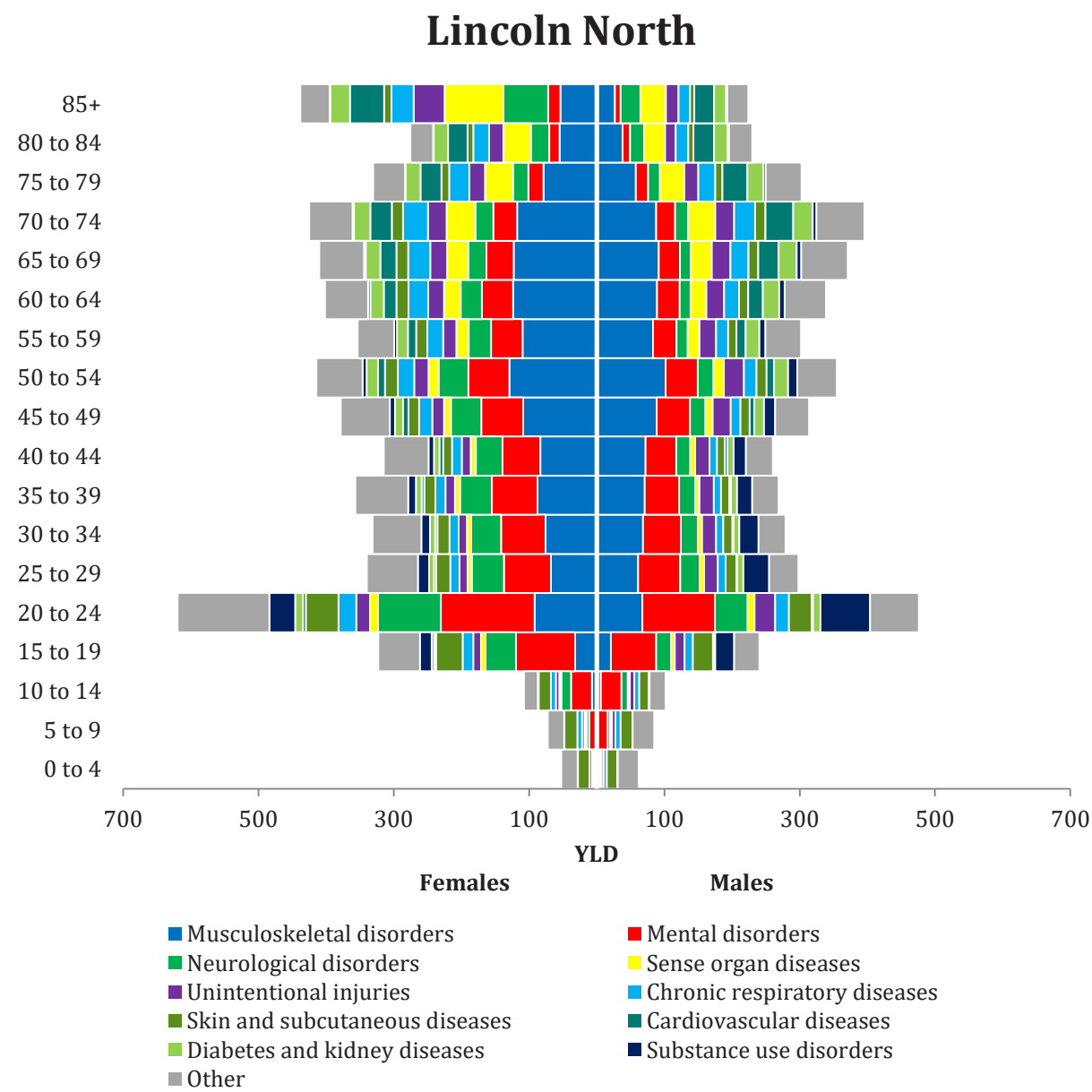
Disease Prevalence

Using the Quality and Outcome Framework (QOF) register, we can identify the number of people on each disease register at their GP.

Disease	Lincoln North	England
Atrial Fibrillation	1,571 (1.93%)	1.98%
Coronary Heart Disease	2,430 (2.98%)	3.10%
Cardiovascular Disease PP	478 (1.19%)	1.14%
Heart Failure	947 (1.16%)	0.93%
Hypertension	9,894 (12.14%)	13.96%
Peripheral Artery Disease	446 (0.55%)	0.60%
Stroke and Transient Ischaemic Attack	1,311 (1.61%)	1.77%
Asthma	5,229 (6.42%)	6.05%
COPD	1,378 (1.69%)	1.93%
Obesity	6,934 (10.31%)	10.12%
Cancer	2,410 (2.96%)	2.98%
Chronic Kidney Disease	3,277 (4.87%)	4.09%
Diabetes	3,932 (5.79%)	6.93%
Palliative Care	364 (0.45%)	0.40%
Dementia	534 (0.66%)	0.78%
Depression	8,193 (12.18%)	10.74%
Epilepsy	524 (0.78%)	0.79%
Learning Difficulties	462 (0.57%)	0.50%
Mental Health	821 (1.01%)	0.96%
Osteoporosis	304 (1.15%)	0.79%
Rheumatoid Arthritis	419 (0.63%)	0.76%

Lincoln North Burden of Disease

Using the Lincolnshire Burden of Disease this is the modelled profile of the Lincoln North neighbourhood teams Burden of Disease. Years lived with disability (YLD) are defined as years of life lived with any short-term or long-term health loss. (IHME 2017). In the Lincoln North Neighbourhood Team the biggest driver of years lived with disability is musculoskeletal conditions.



A&E Attendance

In 2018/19 there were 20,980 attendances in an A&E department attributed to the Lincoln North neighbourhood team. Just over 45% of attendances ended up with the attendee being discharged with no follow up treatment required, however just over 22% of attendances resulted in an admission to a hospital bed.

Disposal Outcome	Lincoln North	Lincolnshire
Discharged – did not require any follow-up treatment	45.49%	37.91%
Admitted to hospital bed	22.29%	21.55%
Discharged – follow-up treatment to be provided by general practitioner	12.64%	21.10%
Referred to fracture clinic	7.20%	5.55%
Left department before being treated	5.62%	2.93%
Referred to other outpatient clinic	2.52%	2.50%
Transferred to other healthcare provider	1.58%	1.64%
Referred to other healthcare professional	0.87%	1.38%
Not known	0.68%	0.55%
Referred to A&E clinic	0.55%	3.75%
Other	0.42%	0.92%
Died in department	0.13%	0.13%
Left department having refused treatment	0.02%	0.07%
Grand Total	100.00%	100.00%

The following heat chart show the most common combinations of attendee age, and attendee arrival time at A&E for the Lincoln North neighbourhood team. Most attendances were seen between 08:00 and 20:00 and the most likely age groups to attend being 20-24 years

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Grand Total
00:00-00:59	0.20%	0.06%	0.03%	0.24%	0.41%	0.20%	0.16%	0.13%	0.11%	0.11%	0.14%	0.10%	0.07%	0.07%	0.09%	0.04%	0.07%	0.13%	2.36%
01:00-01:59	0.16%	0.04%	0.02%	0.25%	0.36%	0.22%	0.10%	0.12%	0.10%	0.09%	0.12%	0.10%	0.04%	0.06%	0.08%	0.06%	0.09%	0.10%	2.13%
02:00-02:59	0.06%	0.03%	0.00%	0.26%	0.38%	0.19%	0.12%	0.10%	0.06%	0.05%	0.10%	0.09%	0.03%	0.06%	0.05%	0.06%	0.08%	0.12%	1.84%
03:00-03:59	0.06%	0.02%	0.02%	0.21%	0.41%	0.15%	0.10%	0.14%	0.08%	0.05%	0.07%	0.10%	0.03%	0.08%	0.06%	0.06%	0.04%	0.09%	1.76%
04:00-04:59	0.09%	0.02%	0.01%	0.16%	0.25%	0.17%	0.11%	0.10%	0.06%	0.06%	0.08%	0.10%	0.06%	0.08%	0.06%	0.07%	0.05%	0.09%	1.61%
05:00-05:59	0.07%	0.02%	0.02%	0.18%	0.31%	0.17%	0.11%	0.06%	0.08%	0.06%	0.06%	0.06%	0.04%	0.05%	0.09%	0.09%	0.11%	0.21%	1.78%
06:00-06:59	0.09%	0.02%	0.02%	0.12%	0.20%	0.09%	0.09%	0.05%	0.09%	0.07%	0.07%	0.10%	0.06%	0.08%	0.04%	0.10%	0.06%	0.14%	1.47%
07:00-07:59	0.15%	0.05%	0.08%	0.10%	0.24%	0.12%	0.13%	0.14%	0.10%	0.14%	0.15%	0.09%	0.11%	0.07%	0.10%	0.09%	0.06%	0.09%	2.02%
08:00-08:59	0.17%	0.10%	0.22%	0.25%	0.38%	0.27%	0.24%	0.18%	0.22%	0.28%	0.27%	0.25%	0.15%	0.16%	0.16%	0.19%	0.17%	0.20%	3.85%
09:00-09:59	0.25%	0.20%	0.35%	0.39%	0.58%	0.37%	0.31%	0.37%	0.23%	0.27%	0.32%	0.34%	0.26%	0.32%	0.22%	0.28%	0.20%	0.27%	5.53%
10:00-10:59	0.34%	0.22%	0.24%	0.35%	0.64%	0.37%	0.45%	0.37%	0.27%	0.26%	0.34%	0.26%	0.31%	0.33%	0.40%	0.30%	0.33%	0.38%	6.18%
11:00-11:59	0.31%	0.19%	0.32%	0.40%	0.67%	0.36%	0.33%	0.32%	0.18%	0.27%	0.32%	0.33%	0.29%	0.29%	0.28%	0.21%	0.35%	0.42%	5.84%
12:00-12:59	0.32%	0.19%	0.27%	0.40%	0.64%	0.42%	0.34%	0.30%	0.30%	0.33%	0.43%	0.36%	0.32%	0.31%	0.34%	0.27%	0.29%	0.43%	6.29%
13:00-13:59	0.36%	0.24%	0.29%	0.56%	0.71%	0.39%	0.41%	0.35%	0.29%	0.27%	0.24%	0.28%	0.21%	0.25%	0.29%	0.24%	0.23%	0.35%	5.96%
14:00-14:59	0.39%	0.20%	0.30%	0.51%	0.83%	0.37%	0.31%	0.36%	0.25%	0.27%	0.29%	0.35%	0.23%	0.25%	0.29%	0.27%	0.29%	0.45%	6.19%
15:00-15:59	0.32%	0.23%	0.27%	0.52%	0.79%	0.35%	0.34%	0.26%	0.27%	0.22%	0.27%	0.28%	0.20%	0.24%	0.28%	0.32%	0.22%	0.49%	5.88%
16:00-16:59	0.44%	0.29%	0.41%	0.46%	0.74%	0.33%	0.28%	0.36%	0.20%	0.33%	0.28%	0.31%	0.22%	0.24%	0.25%	0.30%	0.24%	0.42%	6.10%
17:00-17:59	0.41%	0.30%	0.27%	0.51%	0.76%	0.36%	0.39%	0.28%	0.27%	0.31%	0.27%	0.25%	0.23%	0.24%	0.15%	0.20%	0.22%	0.33%	5.75%
18:00-18:59	0.63%	0.31%	0.31%	0.45%	0.71%	0.44%	0.33%	0.28%	0.25%	0.23%	0.31%	0.27%	0.18%	0.18%	0.21%	0.20%	0.24%	0.41%	5.95%
19:00-19:59	0.60%	0.25%	0.34%	0.46%	0.69%	0.41%	0.42%	0.18%	0.22%	0.24%	0.20%	0.21%	0.14%	0.18%	0.19%	0.15%	0.15%	0.33%	5.37%
20:00-20:59	0.43%	0.21%	0.24%	0.47%	0.61%	0.40%	0.29%	0.23%	0.25%	0.17%	0.20%	0.14%	0.11%	0.13%	0.15%	0.14%	0.15%	0.18%	4.51%
21:00-21:59	0.40%	0.20%	0.18%	0.50%	0.65%	0.46%	0.31%	0.21%	0.20%	0.22%	0.19%	0.16%	0.13%	0.12%	0.13%	0.13%	0.11%	0.23%	4.54%
22:00-22:59	0.32%	0.10%	0.09%	0.47%	0.69%	0.27%	0.29%	0.23%	0.19%	0.15%	0.20%	0.15%	0.09%	0.11%	0.12%	0.13%	0.07%	0.18%	3.84%
23:00-23:59	0.30%	0.07%	0.09%	0.36%	0.61%	0.27%	0.27%	0.18%	0.13%	0.10%	0.13%	0.11%	0.08%	0.10%	0.10%	0.11%	0.08%	0.13%	3.23%
Grand Total	6.89%	3.57%	4.39%	8.59%	13.27%	7.14%	6.23%	5.30%	4.41%	4.55%	5.05%	4.80%	3.59%	3.98%	4.13%	3.99%	3.92%	6.19%	100.00%

When looking into the reason for attendances at A&E for the Lincoln North neighbourhood team in 2018/19, gained from the coding in Hospital Episode Statistics found that 17.7% of all attendances were either classed as "disease not classifiable" or "blank"

When removing these, the top ten reason for attendances were:

Classification	Attendances
Contusion/abrasion	8.20%
Sprain/ligament injury	7.83%
Dislocation/fracture/joint injury/amputation	7.81%
Nothing abnormal detected	6.75%
Respiratory conditions - other non-asthma	5.54%
Laceration	5.31%
Gastrointestinal conditions	4.62%
Cardiac conditions - other non-ischaemia	4.57%
Urological conditions (inc cystitis)	4.40%
Head injury	3.21%

Hospital Admissions

In 2018/19 there were 19,732 admissions into hospital for people registered to the Lincoln North neighbourhood team. 10,955 admissions (55.5%) were elective compared to 8,777 being emergency (44.5%).

The top 5 hospital provider admissions in the Lincoln North neighbourhood team are:

Hospital	Attendances
United Lincolnshire Hospital Trust	81.53%
Nottingham University Hospital Trust	4.42%
BMI The Lincoln Hospital	1.64%
Sherwood Forest Hospitals NHS Foundation Trust	1.46%
University Hospital Leicester NHS Trust	1.16%

Deaths

During 2018-19 there were 586 deaths in people registered to the Lincoln North neighbourhood team.

The following table shows the breakdown of where each death took place

Place of deaths	Lincoln North	Lincolnshire
Hospital	36.97%	36.14%
Home	32.61%	26.34%
Care Home	25.38%	31.50%
Other communal establishments	5.80%	5.46%
Hospice	4.61%	0.54%
Grand Total	100.00%	100.00%

The most occurring underlying causes of death were Ischaemic heart disease (9.73%), dementia (8.70%), cerebrovascular diseases (7.51%), other heart diseases (5.63%) and COPD (5.12%).

Sources

ONS mid-year population Estimates (2018)

<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/bulletins/annualmidyearpopulationestimates/mid2018>

Quality and Outcomes Framework (2018/19), NHS Digital

<https://digital.nhs.uk/data-and-information/publications/statistical/quality-and-outcomes-framework-achievement-prevalence-and-exceptions-data/2018-19-pas>

Global Burden of disease (2017)

<https://vizhub.healthdata.org/gbd-compare/>

NHS Digital (2019), Births – Civil Registration– non-publicly available

NHS Digital (2019), Primary Care Mortality Data – Civil Registration– non-publicly available

Hospital Episode Statistics (HES) Copyright © 2019, Re-used with the permission of The Health and Social Care Information Centre. All rights reserved – non-publicly available