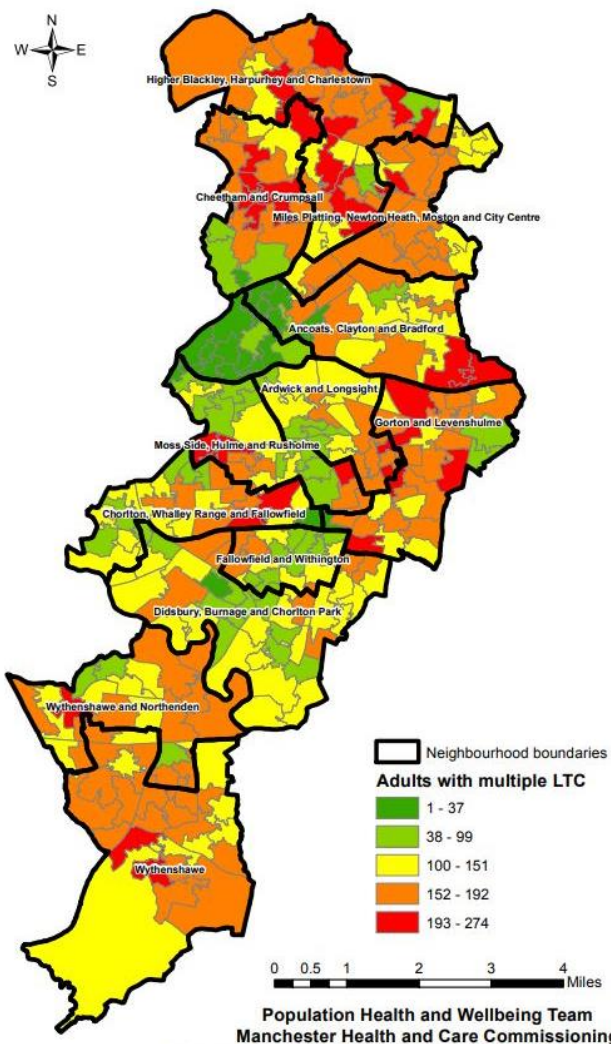


Adults with Multiple Long Term Conditions / End of Life Health & Social Care Cohort Profile



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Introduction to MHCC Neighbourhood & Cohort Profile Reports

The Locality Plan developed by Health & Social Care commissioners in Manchester sets an ambition that those sections of the population most at risk of needing care will have access to more proactive care, available in their local communities.

The key transformation is the establishment of 12 Integrated Neighbourhood Teams across the City based on geographical area as opposed to organisation. The teams focus on the place and people that they serve, centred around the ethos that 'The best bed is your own bed' wherever possible and care should be closer to home rather than delivered within a hospital or care home.

The ambition of this model is to place primary care (GP) services at the heart of an integrated neighbourhood model of care in which they are co-located with community teams. These teams could include Community Pharmacists, Allied Health Professionals (AHPs), Community Nursing, Social Care Officers, Intermediate Care teams, Leisure and health promotion teams, Ambulance teams and 3rd sector teams, with a link to educational and employment teams.

All services are based upon a 12/3/1 model of provision, where most services should be delivered at the neighbourhood* level (12) unless they require economies of scale at a specialist local level (3), or a single City-wide level (1).

The 12 neighbourhoods* and 3 localities are:

North Locality

Ancoats, Clayton and Bradford; Cheetham and Crumpsall; Higher Blackley, Harpurhey and Charlestown; Miles Platting, Newton Heath, Moston and City Centre

Central Locality

Ardwick and Longsight; Chorlton, Whalley Range and Fallowfield; Gorton and Levenshulme; Moss Side, Hulme and Rusholme

South Locality

Didsbury, Burnage and Chorlton; Fallowfield (Old Moat) and Withington; Wythenshawe (Baguley, Sharston, Woodhouse Park); Wythenshawe (Brooklands) and Northenden

This profile focuses on Adults with Multiple Long Term Conditions or at the End of Life – as defined in Appendix A. The profile compares these adults with the overall population of adults aged 19+ registered with a Manchester GP.

This profile report is one of a series that have been produced jointly by The Business Intelligence and Public Health Knowledge & Intelligence Teams within Manchester Health & Care Commissioning and Adults Performance, Research & Intelligence Team within Manchester City Council. These reports describe the nature of the population living and using services in different parts of Manchester. This profile can be viewed alongside the full series of neighbourhood profile and cohort profile reports that are also available on the Manchester Joint Strategic Needs Assessment (JSNA) website. Further information on these reports is given in Appendix B.

Please note that data in some of the tables in this report have been suppressed in order to protect the confidentiality of individuals and avoid the risk of disclosure in line with [ONS guidance for applying disclosure control to data](#). In a small number of tables it has also been necessary to apply secondary suppression to avoid disclosure by differencing. Where some form of suppression has been applied, the figures have been replaced with '-'.

* In May 2018 new electoral wards were established. The 12 neighbourhoods were established prior to May 2018 and are based around the previous electoral wards.

Population cohorts

For this series of profiles, the population (people registered with a GP practice in Manchester, living inside and outside Manchester, who have consented for their data to be shared) has been divided into 10 “cohorts” mainly using a range of data based on their history of accessing Primary Care (GP), Acute Hospital and Mental Health services.

Each person is allocated to a single cohort (population type) determined in the following order: Children and Young people with Long Term Conditions, Learning Disabilities or Mental Health Needs; Frail Older People; People with Complex Lifestyles Mental Health, Learning Disabilities & Dementia; Maternity; Adults with Multiple Long Term Conditions / End of Life; Adults with Wider Determinants of Need; Good Health Older People, Good Health Children and Good Health Adults (Under 65s). Further details are in Appendix A.

The table on the right shows the number and percentage of adults in each cohort, split between adults aged 19 – 64 and those aged 65+.

Cohort	No. of Adults	% of Age Band
Good Health Adults	161763	37.3%
Complex Lifestyles	5358	1.2%
Mental Health, Learning Disabilities, Dementia	25160	5.8%
Maternity	7355	1.7%
Adults with Multiple Long Term Conditions / End of Life Care	19293	4.4%
Adults with Wider Determinants of Need	215003	49.5%
Adults (19 - 64)	433932	100.0%
Good Health Older People	6053	10.0%
Frail older people	4081	6.7%
Complex Lifestyles	732	1.2%
Mental Health, Learning Disabilities, Dementia	6212	10.3%
Adults with Multiple Long Term Conditions / End of Life Care	24204	40.0%
Adults with Wider Determinants of Need	19182	31.7%
Older People (65+)	60464	100.0%
Cohort Aged 19+	43497	8.8%
All Adults Aged 19+	494396	

Demographics

Age

The table on the right looks at the age of adults in the cohort and compares them to the population of adults aged 19+ registered with a Manchester GP.

It shows that 43497 adults are in the Adults with Multiple Long Term Conditions / End of Life cohort. This equates to 8.8% of the adult population. The table also shows that the proportion of adults in the cohort increases with age from 0.8% of under 45s to 47.2% of those aged 75 – 84 but then decreases for those aged 85+ (41.8%)

No. of People	Age Band						All Ages
	Under 45	45 - 54	55 - 64	65 - 74	75 - 84	85+	
Cohort	2428	6059	10806	12144	8933	3127	43497
Manchester	301816	77402	54714	34046	18931	7487	494396
Percentage of Mcr Population in the Cohort	0.8%	7.8%	19.7%	35.7%	47.2%	41.8%	8.8%

Gender

The gender split for adults in the cohort is very similar to the overall adult population (50% female and 50% male versus 48% female and 52% male).

	Cohort		Manchester	
	No. of People	Percentage (where known)	No. of Adults	Percentage (where known)
Female	21929	50%	237081	48%
Male	21568	50%	257309	52%
Unknown	-	-	6	-
Total	43497	100%	494396	

Neighbourhood of Residence

The table on the right relates to adults aged 19+ registered with Manchester GPs. It shows that the proportion of adults in the cohort living in each neighbourhood varies widely. This ranges from 6.4% (2273) in Ardwick & Longsight to 11.9% (4399) in Baguley, Sharston & Woodhouse Park.

There are also 'hotspots' within each neighbourhood that contain particularly high concentrations of adults in this cohort. These can be seen on the map on the front page.

Neighbourhood	Cohort	All Adults aged 19+	% of Population
<i>Ancoats, Clayton and Bradford</i>	2408	33546	7.18%
<i>Cheetham and Crumpsall</i>	3020	33127	9.12%
<i>Higher Blackley, Harpurhey and Charlestown</i>	4510	39463	11.43%
<i>Miles Platting, Newton Heath, Moston and City Centre</i>	2986	41235	7.24%
North	12924	147371	8.77%
<i>Ardwick and Longsight</i>	2273	35506	6.40%
<i>Chorlton, Whalley Range and Fallowfield</i>	2973	38605	7.70%
<i>Gorton and Levenshulme</i>	4205	42293	9.94%
<i>Moss Side, Hulme and Rusholme</i>	2895	52509	5.51%
Central	12346	168913	7.31%
<i>Didsbury, Burnage and Chorlton</i>	4142	48464	8.55%
<i>Fallowfield (Old Moat) and Withington</i>	1646	24724	6.66%
<i>Wythenshawe (Baguley, Sharston, Woodhouse Park)</i>	4399	36961	11.90%
<i>Wythenshawe (Brooklands) and Northenden</i>	2322	20239	11.47%
South	12509	130388	9.59%
<i>Outside Manchester</i>	5698	46814	12.17%
<i>Unknown</i>	20	910	-
Total	43497	494396	8.80%

Mosaic Analysis

Mosaic Public Sector classification by Experian™ is a population segmentation tool that uses a range of data and analytical methods to identify 15 summary groups and 66 detailed types of people. It is based on an underlying principle that similar people live in similar places, do similar things, have similar lifestyles and share similar views.

Mosaic helps us to understand a person's demographic characteristics (age, gender and ethnic group etc.), lifestyle, attitudes and behaviours. It gives us an insight into how and why people make decisions about their health and care and how they are likely to respond to services. The use of Mosaic analysis enables us to tailor services in specific locations in line with the needs and preferences of the types of people living in those areas.

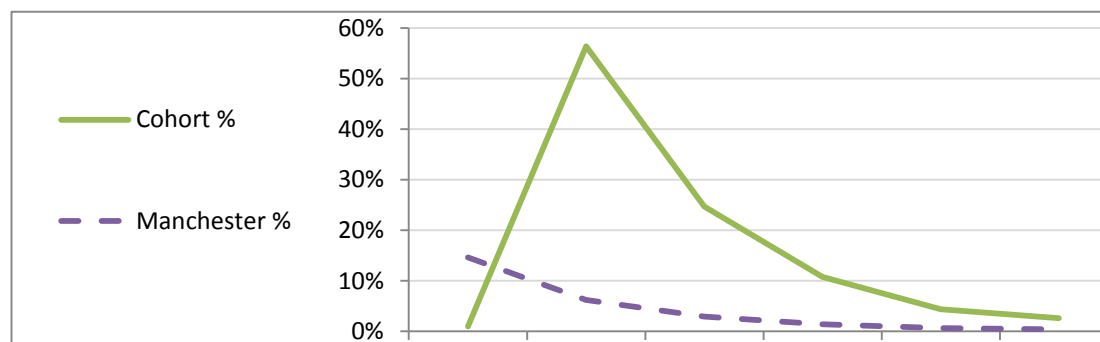
Comparing the Mosaic Groups in the cohort versus the population registered with a Manchester GP, people in this cohort are more likely to be in the Mosaic Groups "Vintage Value" (13.3% v 6.5%) and "Municipal Challenge" (8.8% v 6.8%) and less likely to be in the "Rental Hubs" Mosaic Group (8.2% v 23.0%).

Mosaic Group	Description	Cohort		All Adults Aged 19+	
		No. of People	Percentage (where known)	No. of People	Percentage (where known)
A Country Living	Well-off owners in rural locations enjoying the benefits of country life (typical age 66-70)	-	-	10	0.0%
B Prestige Positions	Established families in large detached homes living upmarket lifestyles (typical age 61-65)	549	1.3%	4,600	1.0%
C City Prosperity	High status city dwellers living in central locations and pursuing careers with high rewards (typical age 31-35)	537	1.2%	9,407	2.0%
D Domestic Success	Thriving families who are busy bringing up children and following careers (typical age 41-45)	1,844	4.3%	17,380	3.8%
E Suburban Stability	Mature suburban owners living settled lives in mid-range housing (typical age 56-60)	860	2.0%	6,098	1.3%
F Senior Security	Elderly people with assets who are enjoying a comfortable retirement (typical age 76-80)	1,900	4.4%	11,158	2.4%
H Aspiring Homemakers	Younger households settling down in housing priced within their means (typical age 31-35)	2,156	5.0%	19,924	4.3%
I Urban Cohesion	Residents of settled urban communities with a strong sense of identity (typical age 56-60)	6,605	15.3%	62,532	13.5%
J Rental Hubs	Educated young people privately renting in urban neighbourhoods (typical age 26-30)	3,562	8.2%	106,336	23.0%
K Modest Traditions	Mature homeowners of value homes enjoying stable lifestyles (typical age 56-60)	1,823	4.2%	13,886	3.0%
L Transient Renters	Single people privately renting low cost homes for the short term (typical age 18-25)	5,946	13.8%	73,464	15.9%
M Family Basics	Families with limited resources who have to budget to make ends meet (typical age 31-35)	7,882	18.2%	77,045	16.6%
N Vintage Value	Older people reliant on support to meet financial or practical needs (typical age 76-80)	5,756	13.3%	29,946	6.5%
O Municipal Challenge	Urban renters of social housing facing an array of challenges (typical age 56-60)	3,808	8.8%	31,543	6.8%
U Unknown	Unknown	269	0.6%	31,067	6.3%
Total		43,497		494,396	

Long Term Conditions

This section compares adults in the cohort with all adults registered with a Manchester GP.

The graph and table on the right relate to the number of Long Term Conditions (LTCs) people have (from a list of 19 LTC registers used in our cohort definitions). More than half (56.4%) of the cohort have two LTCs, nearly a quarter (24.7%) have three conditions and 17.8% have four or more LTCs.

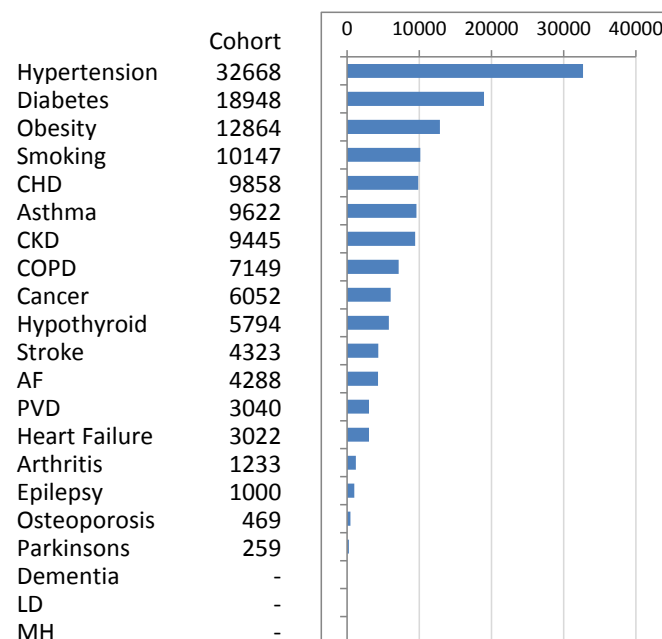


	Pop'n	0	1	2	3	4	5	6+
Cohort	43497	93	423	24528	10741	4684	1903	1125
All Adults	494396	364445	72454	30854	14492	6927	3158	2066
Cohort %		0.2%	1.0%	56.4%	24.7%	10.8%	4.4%	2.6%
Manchester %		73.7%	14.7%	6.2%	2.9%	1.4%	0.6%	0.4%

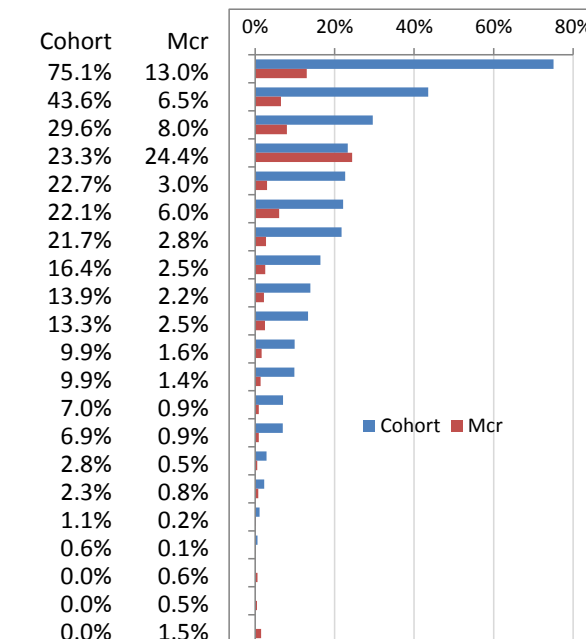
The charts on the right show the number and percentage of people on each of the LTC registers counted above, along with smoking and obesity.

For the cohort, by far the largest LTC register is for hypertension (32668 adults / 75.1%) followed by Diabetes (18948 adults / 43.6%). Nearly 30% are recorded as obese and nearly 25% are recorded as being a smoker. Just over 20% are registers for Chronic Heart Disease, Asthma and Chronic Kidney Disease.

Number of adults on each LTC Register



Percentage on each LTC Register



Social Services provided by MCC Adult Social Care

Manchester City Council (MCC) Adult Social Care offers information and advice, assessments of need, equipment and care to people living in Manchester. People over the age of 18 who live in Manchester can request information and advice or an assessment of need, regardless of whether they pay for services themselves.

Adult Social Care activity begins with making contact – a member of the public may call up to enquire about services for themselves or someone else, or a referral may be made by another service e.g. Primary Care, Prisons, and this is recorded as a contact.

Some (but not all) contacts result in an assessment by a Social Worker or associated professional. Information is gathered on a person's needs so that appropriate services (called a care package) can be provided if needed. Reviews and reassessments review those needs again when a person's circumstances change or they have been in receipt of certain types of care e.g. home care for a year.

This analysis is based on the 12 months to 30th June 2018, and relates to *adults registered with a Manchester GP** who have been in contact with or received a social care service from Manchester City Council.

Contacts

While the cohort equates to 8.8% of the adult population registered with a Manchester GP, they accounted for a higher proportion (17.0%) of contacts.

	Cohort	Registered Adults *	%
Population	43497	494396	8.8%
No. of People with a Social Care Contact	1694	9990	17.0%

** Between July 2017 and June 2018, 23,457 adults had a contact with MCC Adult Social Services. Of these, 43% (9,990 adults) were identified as registered with a Manchester GP.*

Social Care Assessments / Reassessments

Assessments gather information around people's needs so that appropriate services can be provided to support these needs. Reviews and reassessments are used to review those needs when a person's circumstances change or they have been in receipt of certain types of care e.g. home care for a year.

While the cohort equates to 8.8% of the adult population, they accounted for a higher proportion of general assessments (16.1%) and equipment assessments (28.7%) but a lower proportion of drug and alcohol assessments (4.1%).

	Cohort	Registered Adults *	Cohort v All Adults
Population	43497	494396	8.8%
Type of Assessment			
General	625	3873	16.1%
Equipment	625	2181	28.7%
Drugs & Alcohol	8	197	4.1%

** Between July 2017 and June 2018, 10,338 adults had an assessment of some form. Of these, 52% (5,420 adults) were identified as registered with a Manchester GP.*

Packages of Social Care

When services are provided via MCC Adult Social Care, these are referred to as Care Packages. One of the most common services is the provision of equipment, which is a one-off service. However, this analysis focuses on care packages that provide on-going care and support, both long term and short term.

A person assessed as having a need can receive multiple care packages, of different types, over any given period of time. Descriptions of the different types of service are given in Appendix C. Analysis of the different types of care shows:

1850 adults registered with a Manchester GP accessed the community alarm service. 552 (nearly 30%) of these adults were in the cohort.

Other types of social care where the proportion is more than 8.8% include:

Reablement – 175 out of 815 (21.5%)

Home Care – 307 adults out of 1741 (17.6%)

Extra Care Sheltered Housing – 22 out of 125 (17.6%)

Direct Payments – 78 out of 506 (15.4%)

	Cohort	Registered Adults *	%
Population	43497	494396	8.8%
Type of Care Package			
Community Alarm	552	1850	29.8%
Home Care	307	1741	17.6%
Reablement	175	815	21.5%
Direct Payments	78	505	15.4%
Permanent Residential Care	37	684	5.4%
Permanent Nursing Care	23	262	8.8%
Extra Care Sheltered Housing	22	125	17.6%
Temporary Residential Care	14	163	8.6%
Casework Support	13	189	6.9%
Day Care	9	333	2.7%
Respite	9	209	4.3%
Supported Accommodation	8	477	1.7%

** Between July 2017 and June 2018, 9,503 adults were in receipt of one or more packages of care from MCC Adult Social Care. Of these, 57% (5,373) were identified as registered with a Manchester GP.*

Acute Hospital Care

This section compares the extent to which different types of acute hospital (secondary care) services were used from July 2017 to June 2018 by adults aged 19+ registered with a Manchester GP at the time of their attendance or admission.

Calculation of rates per person:

To calculate rates per person in this section, activity is looked at over a 12 month period and then compared against the population at any single given point in time – a “snapshot”. The snapshot population figures are based on adults registered with a Manchester GP in July 2018.

Types of acute hospital service

Acute hospital services can be split into two categories:

1. Planned care – Services and treatments which are not carried out in an emergency. This includes consultations and procedures carried out in an outpatient setting (where a hospital bed is not needed) and procedures carried out in an inpatient setting (where a bed and possibly an overnight stay are needed).
2. Urgent care – Services and treatments which are carried out as an emergency. This includes A&E attends and Emergency Admissions.

The table on the right shows a total spend on secondary care in the 12 months of £254m. Approximately £48m of this related to adults in the cohort.

For adults in the cohort nearly 60% of secondary care costs relate to planned care whereas for the overall adult population planned care and urgent care are split 44/56. Planned Care costs are 2.8 times higher for adults in the cohort while urgent care costs are 1.6 times higher.

	Totals		Per Person		
	Cohort	All Adults	Cohort	All Adults	Ratio Cohort v All
No. of People	43497	494396			8.8%
Planned Care	£27,809,101	£111,439,942	£639	£225	2.8
Urgent Care	£19,687,090	£142,512,462	£453	£288	1.6
Overall	£47,496,191	£253,952,405	£1,092	£514	2.1
% Planned Care	59%	44%			
% Urgent Care	41%	56%			

The cost of acute hospital activity has been broken down further into key areas (known as Programme Budget Categories).

Circulation is the highest area of spend for the cohort (£6.8m / 14%) while for the overall adult population this accounts for 9% of spend.

Respiratory is the next highest area of spend (£5.65m / 12%) compared to 10% for the overall adult population.

Cohort		
Area of Spend	Cost	% of Cost
Circulation	£6,769,008	14%
Respiratory	£5,647,043	12%
Gastro Intestinal	£5,161,423	11%
Musculo Skeletal	£4,956,563	10%
Genito Urinary	£4,310,502	9%
Cancers & Tumours	£3,721,199	8%
Vision	£3,282,611	7%
Other Areas of Spend/Conditions	£2,144,892	5%
Neurological problems	£1,978,434	4%
Disorders of Blood	£1,940,271	4%
Other Areas	£7,584,246	16%
Total	£47,496,191	100%

All Adults		
Area of Spend	Cost	% of Cost
Gastro Intestinal	£28,890,461	11%
Respiratory	£25,409,899	10%
Musculo Skeletal	£24,533,734	10%
Maternity / Reproductive Health	£24,388,559	10%
Circulation	£23,071,128	9%
Genito Urinary	£22,582,720	9%
Trauma & Injury	£18,345,723	7%
Cancers & Tumours	£14,620,490	6%
Neurological problems	£13,736,910	5%
Other Areas of Spend/Conditions	£11,249,393	4%
Other Areas	£47,123,389	19%
Total	£253,952,405	100%

Planned Care

The tables on the right show that activity rates and costs for different types of planned care are approximately 2 to 3 times greater for adults in the cohort compared to the overall adult population registered with a Manchester GP.

Planned Care Activity	Population		Cohort	All Adults	Ratio - Cohort v All
	Total		Per 1000 people		
	Cohort	All Adults	Cohort	All Adults	
Outpatient Attends	155003	646216	3564	1307	2.7
Outpatient Procedures	24593	87291	565	177	3.2
Day Case	11874	49924	273	101	2.7
Elective Admission	2149	9254	49	19	2.6

Planned Care Costs	Total		Per 1000 people		Ratio - Cohort v All
	Cohort	All Adults	Cohort	All Adults	
	Outpatient Attends	£11,243,683	£42,699,452	£258,493	
Outpatient Procedures	£3,267,342	£12,026,044	£75,116	£24,325	3.1
Day Case	£7,759,902	£33,703,923	£178,401	£68,172	2.6
Elective Admission	£5,538,174	£23,010,523	£127,323	£46,543	2.7
Total	£27,809,101	£111,439,942	£639,334	£225,406	2.8

Urgent Care

The table on the right shows that adults in the cohort are marginally more likely to attend A&E compared to the overall adult population registered with a Manchester GP.

They are also more likely to be admitted as a result of the A&E attend, with 41% of A&E attends resulting in admission, compared to 34% for all adults.

The vast majority of urgent care costs relate to emergency admissions rather than A&E attends.

The average cost per person of emergency admissions for adults in the cohort is 1.6 times higher than for all adults.

	Cohort	All Adults
Population	43497	494396

	Total		Per 1000 people		Ratio - Cohort v All
	Cohort	All Adults	Cohort	All Adults	
A&E Attends	20927	193079	481	391	1.2
Emergency Admissions	8500	65322	195	132	1.5
Percentage of A&E attends resulting in Emergency Admission	41%	34%			

Urgent Care Costs	Total		Per 1000 people		Ratio - Cohort v All
	Cohort	All Adults	Cohort	All Adults	
A&E Attends	£2,450,025	£20,607,524	£56,326	£41,682	1.4
Emergency Admissions	£17,237,065	£121,904,938	£396,282	£246,573	1.6
Total	£19,687,090	£142,512,462	£452,608	£288,256	1.6

As well as being marginally more likely to be admitted from an A&E attend, adults in the cohort stay in hospital for slightly longer than the overall adult population. The average length of stay for adults in the cohort is 4.9 nights compared to 4.6 nights.

49% of emergency admissions are for 2 or more nights compared to 45% and average costs are £2028 compared to £1866.

Emergency Admissions	Total		Percentage	
	Cohort	All Adults	Cohort	All Adults
Same Day Emergency Admissions	2942	22576	35%	35%
Short Stay (1 night) Emergency Admissions	1371	13189	16%	20%
Longer (2+ nights) Emergency Admissions	4187	29557	49%	45%
Total Emergency Admissions	8500	65322		

Length of Stay	41368	297480	4.9	4.6
Cost	£17,237,065	£121,904,938	£2,028	£1,866

Based on the reasons for admission (diagnoses) and the procedures that were performed, it is possible to determine if an admission was preventable or ambulatory care sensitive (ACSC) i.e. conditions for which effective management and treatment should limit emergency admission to hospital.

30.3% of emergency admissions for the cohort could be classed as preventable or Ambulatory Care Sensitive – 12.8% preventable and 17.5% for ACSCs. This compares to 9.6% and 8.3% for the overall adult population. The comparisons are similar when looking at costs.

Emergency Admissions	No. of Admissions	
	Cohort	All Adults
Preventable	1088	6299
Ambulatory Care Sensitive (ACSC)	1490	5396
Neither	5922	53627
Total	8500	65322
% Preventable	12.8%	9.6%
% ACSC	17.5%	8.3%

Cost of Admissions	
Cohort	All Adults
£2,452,136	£13,589,263
£2,686,911	£9,867,115
£12,098,018	£98,448,560
£17,237,065	£121,904,938
14.2%	11.1%
15.6%	8.1%

Looking at the preventable admissions for the cohort, approximately a third were for Flu & Pneumonia costing nearly £1m.

Admissions for Pyelonephritis & Kidney or Urinary Tract Infections cost £530,000, Cellulitis cost over £360,000 and Dehydration and Gastroenteritis cost over £340,000.

Preventable Admissions	No. of Admissions	Cost	% of Admissions
Flu & Pneumonia	361	£989,930	33%
Pyelonephritis & Kidney or Urinary Tract Infections	223	£532,372	20%
Cellulitis	200	£360,518	18%
Dehydration & Gastroenteritis	155	£340,599	14%
Perforated or bleeding Ulcer	65	£121,453	6%
Others	84	£107,265	8%
Total	1088	£2,452,136	100%

For ambulatory care sensitive conditions, 48% of admissions for the cohort were for CVD, costing £1.3m and 41% of admissions were for Respiratory (£1.0m).

Admissions for Ambulatory Care Sensitive Conditions	No. of Admissions	Cost	% of Admissions
CVD	713	£1,310,377	48%
Respiratory	613	£1,043,711	41%
Endocrine	93	£210,645	6%
Diseases of Blood	54	£66,992	4%
Neuro	16	£55,185	1%
Others	1	£0	0%
Grand Total	1490	£2,686,911	100%

Risk of Emergency Hospital Admission

The tables on the right look at a relative risk of emergency hospital admission based on scores (From 0 – 100) generated by the Combined Predictive Model (CPM). This model uses data from secondary care (inpatient, outpatient and A&E visits) and GP practices (clinical diagnoses and prescribing).

Both tables look at adults registered with a Manchester GP, living both within Manchester and outside the area in July 2018.

Adults in the cohort are more likely to be in the High / Very High risk categories (6.7%) than the overall adult population (1.6%).

There is also some variation across localities in the proportion of the cohort in the High / Very High risk categories – 7.6% in North, 6.3% in Central and 6.0% in South.

Cohort		Admission Risk Band						
Locality	Total	Unknown	Low (Score <26)	Moderate (Score 26 - 50)	High (Score 51 - 75)	Very High (Score 76+)	High / Very High (Score 51+)	% High / Very High (where known)
North	12924	23	9140	2777	807	177	984	7.6%
Central	12346	15	9101	2452	661	117	778	6.3%
South	12509	44	9197	2518	649	101	750	6.0%
Out of Area / Unknown	5718	14	4081	1216	331	76	407	7.1%
Grand Total	43497	96	31519	8963	2448	471	2919	6.7%

All Adults		Admission Risk Band						
Locality	Total	Unknown	Low (Score <26)	Moderate (Score 26 - 50)	High (Score 51 - 75)	Very High (Score 76+)	High / Very High (Score 51+)	% High / Very High (where known)
North	147371	1193	136017	7333	2189	639	2828	1.9%
Central	168913	1646	158928	6316	1632	391	2023	1.2%
South	130388	1156	120149	6873	1811	399	2210	1.7%
Out of Area / Unknown	47724	501	43661	2676	693	193	886	1.9%
Grand Total	494396	4496	458755	23198	6325	1622	7947	1.6%

Appendix A – Population Cohorts

A person is allocated into a cohort if they meet the age limit and meet one or more of the criteria for the cohort. Each person is only allocated to one cohort, based on the priority order shown below:

Cohort 1 - Children & Young People with Long Term Conditions, Mental Health Needs or Learning Disabilities

- Aged under 19
- One or more Long Term Conditions recorded in Primary Care (see list at end of Appendix)
- Children / Young People currently on a Palliative Care Register in Primary Care
- Meeting any of the criteria for the Mental Health, Learning Disabilities & Dementia cohort

Cohort 2 - Frail Older People

- Aged 65 and above
- Admission to hospital for a hip fracture, hip replacement, stroke, or injury due to a fall in the last 2 years.

Cohort 4 - Complex Lifestyles

- Aged 19 and above
- Hospital admission in the last 12 months for alcohol misuse, drug misuse or self harm
- Attendance in the last 12 months at a hospital based (secondary care) addiction service
- Hospital admission in the last 12 months where homelessness has been recorded
- Homelessness recorded in Primary Care (GP systems) – no date limit

Cohort 5 - Mental Health, Learning Disabilities or Dementia

- Aged 19 and above

Mental Health

- Admission or attendance in the last 24 months at Inpatient, Outpatient or Community Services provided by Greater Manchester Mental Health NHS Foundation Trust
- Hospital admission in the last 12 months with a mental health related diagnosis or procedure recorded
- Attendance in the last 12 months within a hospital based (secondary care) Mental Health specialty
- Mental Health recorded in Primary Care as a Long Term Condition

Learning Disabilities

- Hospital admission in the last 12 months with a Learning Disability related diagnosis recorded
- Attendance in the last 12 months within a hospital based (secondary care) Learning Disability specialty
- Learning Disability recorded in Primary Care as a Long Term Condition

Dementia

- Hospital admission (no time limit set) with a Dementia related diagnosis recorded
- Dementia recorded in Primary Care as a Long Term Condition

Cohort 6 - Maternity

- Age 10 and above (to eliminate new born babies and include young mothers)
- Birth in the last 12 months recorded by a secondary care provider
- Attendance in the last 12 months at antenatal services (including specialty 560, Midwifery) provided within secondary care

Cohort 3 - Adults with Multiple Long Term Conditions or End of Life

- Age 19 and above
- Two or more Long Term Conditions from the defined list (see bottom of Appendix)
- People currently on a Palliative Care Register in Primary Care
- Hospital admission in the last 12 months with a Palliative Care related diagnosis recorded
- Attendance in the last 12 months within a hospital based (secondary care) Palliative Care specialty

Cohort 10 - Adults with Wider Determinants of Need

- 19 and above
- One Long Term condition from the defined list (see bottom of Appendix)
- Adults living within a geographical area with a Mosaic Intensity code of 4 or 5.

Cohort 7 - Good Health Older People

- Age 65 and above
- Not included in any other group.

Cohort 8 - Good Health Children

- Age under 19
- Not included in any other group.

Cohort 9 - Good Health Adults

- Age 19 - 64
- Not included in any other group.

Long Term Conditions used to allocate the population into cohorts

Asthma
Atrial Fibrillation
Cancer
CKD
COPD
Coronary Heart Disease
Diabetes
Epilepsy
Heart Failure
Hypertension
Hypothyroidism
Osteoporosis
Parkinson's
Peripheral Vascular Disease
Rheumatoid Arthritis
Stroke

Mental Health *
Learning Disability *
Dementia *

Current Smoker **
Obesity **

*Based on current priority order for cohorts, people on the Mental Health, Learning Disability or Dementia registers will be allocated into the Mental Health, Learning Disability & Dementia cohort.

** Smoking and Obesity are only used to allocate people into the Adults with Wider Determinants cohort.

Appendix B – Additional Sources of Information on the JSNA website

The following neighbourhood profile reports and cohort profile reports are available in the Area Profiles section of the Manchester Joint Strategic Needs Assessment (JSNA) website.

Manchester Joint Strategic Needs Assessment (JSNA)

<http://www.manchester.gov.uk/jsna>

Area Profiles section

http://www.manchester.gov.uk/info/500230/joint_strategic_needs_assessment/7011/area_profiles

Neighbourhood profile reports

http://www.manchester.gov.uk/info/500230/joint_strategic_needs_assessment/7011/area_profiles/2

Place Report

This report draws upon the data that is available within Public Health England's Local Health tool which contains quality assured data that can be used to compare any area (or combination of areas) with the local authority and England averages for a range of indicators. These reports provide information about broader health outcomes as well as the factors that affect them (the so called 'wider determinants of health'). The start of the report provides a user-friendly summary highlighting the key features of the neighbourhood and the areas in which the neighbourhood has significantly worse and/or better health and care outcomes compared with England as a whole.

Mosaic Profile

These reports provide more detailed information about the types of household in different parts of each neighbourhood area. Mosaic Public Sector classification by Experian™ uses a range of data and analytical methods to identify 15 summary groups and 66 detailed types of people. It is based on an underlying principle that similar people live in similar places, do similar things, have similar lifestyles and share similar views. Mosaic helps us to understand demographic characteristics (age, gender and ethnic group etc.), lifestyle, attitudes and behaviours. It gives us an insight into how and why people make decisions about their health and care and how they are likely to respond to services.

Population Forecasting Model

This is a one page summary for each neighbourhood of the findings of the Manchester City Council Population Forecasting Model (MCCFM), looking at the changes to the size and age structure of the population living in the neighbourhood that are forecast to occur over the next 10 years.

Ward based information

More detailed information for the individual wards that make up each neighbourhood has also been collated within the Compendium of Statistics for Manchester ("A Picture of Progress"). The Compendium consists of a series of tables which contain the latest available data for a wide range of indicators for both Manchester as a whole and, where available, each of the 32 wards within the city. The tables have been ordered in a way that follows a life course approach – from pre-birth through to adults and older people.

http://www.manchester.gov.uk/downloads/download/5724/compendium_of_statistics-manchester

Cohort Profiles

The full set of Cohort Profile Reports, are also available on the JSNA website.

http://www.manchester.gov.uk/info/500230/joint_strategic_needs_assessment/7011/area_profiles/3

Appendix C – Descriptions of services provided via MCC Adult Social Care

Adult Placement Scheme (Shared Lives Service)

Manchester Shared Lives / Adult placement (AP) offers people an alternative, highly flexible form of accommodation and person-centred support, which is provided by ordinary individuals or families (adult placement carers) in the local community. This enables individuals to share in the life of the adult placement carer. Sometimes this can be long-term, sometimes for a short period, or even on a day support basis.

Casework support

For a client to be considered as having casework support, the service must be included as part of their support plan. This does not include the process of care management (i.e. assessing or reviewing care needs), but typically occurs when the care manager goes on working with the client after the care management process has been completed (as part of the support plan/package), or another professional is involved to provide active, ongoing support which may take the form of therapy, support or professional input, e.g. counselling.

Active Casework Support could be for example a support professional telephoning a client on a weekly basis to ask how things are and discuss any issues the client might have. In contrast to the client having a phone number that they could call if they felt there was anything they would like to discuss - this would be more “passive” support.

Community Alarm/Assistive Technology

The Community Alarm Service (CAS) provides a range of services to support our most vulnerable Citizens by enabling them to remain independent in their own homes. This includes things such as pendants, alarm or sensor triggers, and staff from Community Alarm calling to offer advice and reassurance, and where necessary, contacting a nominated person, your next of kin or the emergency services.

Day Care

Daytime Support provides a range of meaningful activities away from a citizen’s home, to people who are assessed as requiring high levels of support. This service provides essential daytime support to families and enables vulnerable citizens to stay at home with their families

Direct Payments

Self-directed support helps a citizen to self-direct their care or support personal budget in a number of different ways, and a direct payment is money that is paid directly to you so you can arrange your own appropriate support in line with your care plan.

Extra Care / Neighbourhood Apartments

Extra Care Housing is a form of retirement housing with the addition of personal care and 24-hour support available for those who need it. The care can increase or decrease flexibly to meet changing needs.

It is a realistic alternative to traditional residential and nursing accommodation, and offers a self-contained ‘home of your own’ in a scheme where facilities such as hairdressing and beauty salons, bistros, gardening clubs and social activities give plenty of opportunity to socialise for those who wish to. Schemes can also support people with dementia, to varying degrees.

A small number of units have been turned into Neighbourhood apartments (or also known as step up/step down beds) and take referrals directly from hospital or community. Here, specialist support, including housing advice and access, can help people move to more appropriate accommodation after recovery or return home

Home Care

Home care services help people stay in their homes for longer, supporting them with the tasks of everyday life. These services are provided by a number of private care companies who are commissioned by the City Council. Home care is provided to ensure our citizens have the appropriate level of support for their needs. This may include help with personal care, making meals, and getting out and about.

Reablement

Reablement provides short term support for up to six weeks on discharge from hospital to enable citizens to return home safely and remain at home independently. Referrals are made directly by health and social care practitioners. Also including Intermediate Care, this is a concept in health care which may offer attractive alternatives to hospital care for patients, particularly older people, and promotes independence.

Residential Care / Nursing Care

Residential care homes provide round-the-clock care for people who are frail or have complex needs that cannot be met in their community. This can include help with washing, dressing, feeding and help with day to day activities. Nursing homes cater for those who have general care needs and also require input or supervision from qualified nurses. This can include those with specific or complex health needs. People can benefit from a short stay in residential care to provide a carer break or move there on a more permanent basis following a detailed assessment by a qualified social worker.

Respite / Short Breaks

Short breaks offer a mixture of 24hr personal care and more general support, which allows carers to have a break from their caring responsibilities. Short Breaks also includes emergency respite in times of crisis and to support hospital discharges.

Supported Accommodation

Supported accommodation is short term housing related support for vulnerable people. This may include those suffering domestic violence, recovery from mental illness, and sexual abuse. Support is available in single-gender premises. The support might be needed for a wide range of reasons, and is tailored to address the issues people are facing, whilst developing better life skills to improve their quality of life, and to promote independent living

Disability Supported Accommodation has properties (where appropriate) that are fitted with state-of-the-art assistive technology tailored to an individual's needs, to ensure dignity in a safe and independent living environment.

Sources

The following data sources have been used in this Profile:

Manchester City Council Social Care Data Extracts (July 2018)

SDE Primary Care Data Extracts (July 2018)

Secondary Uses Service – Acute Hospital Activity Datasets (July 2018)

Authors

This profile has been produced on behalf of Manchester Health and Care Commissioning by the Business Intelligence and Public Health Knowledge and Intelligence Teams.