

**St Helens and Knowsley Teaching Hospitals
NHS Trust**

Patient Profile Report 2022

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Introduction

This report looks at the demographics of the patients who accessed the services the Trust provided during the 12-month period from 1st January 2022 to 31st December 2022. It provides information on the demographics of the Trust's local populations and compares this to the demographics of the patients accessing the Trust's services. The report looks at both inpatient admissions and outpatient attendances throughout this 12 month period.

The population served by the Trust resides principally in four different local authority areas, St Helens, Knowsley, Halton and Liverpool. The majority of patients (75%) reside in St Helens and Knowsley (50% and 25% respectively). In all areas it is predicted that the elderly population will grow significantly over the next 10 years. This ageing local population is likely to increase the incidence of diseases linked to older age and potentially increase demands on health and social care services across all four local areas.

2021 census – population changes:

Data from all three of the local populations we serve have shown an increase in population size:

Knowsley the population has grown by 5.9% (which is higher than the growth rate in the whole of the Northwest).

With a 13.8% increase in the number of residents aged 65+ years.

St Helens population grew by 4.5%.

With a 19.7% increase in the number of residents aged 65+ years

Halton had a much smaller growth increase, of only 2%

In comparison to both St Helens and Knowsley although the population growth is much smaller the increase in the 65+ years age group is much higher at 29.3%.

Inpatients 2022:

Total number of inpatients:

2019	2020	2021	2022
122,650	101,384	113,037	123,778

Sex of inpatients:

	Male	Female	Unknown	Total
2022	51,878 (42%)	71,894 (58%)	6	123,788
2021	47,024 (41%)	66,010 (59%)	3	113,037
2020	42,225 (42%)	59,145 (58%)	14	101,384

Despite the increase in the numbers of patients seen in this and previous years, the ratio of male to female patients has stayed almost the same each year, which in turn reflects the ratio of male:female residents in the communities that we serve.

Veterans - inpatients

Veteran	Spells
No	109,635 (88.5%)
Yes	619 (0.5%)
Not Set	13,524 (11%)
Grand Total	123,778

Only 0.5% of inpatients identified as veterans, with 11% (13,524) not having a response to the veteran question.

Action – check appointments and receptionists are asking the question so we can be assured the 88.5% who have responded ‘no’ have been asked the question

Age range of inpatients 2022

Age Band	Spells 2020	Spells 2021	Spells 2022
0-5	3,881 (4%)	4,320 (4%)	4,570 (3.76%)
6-10	553 (0.5%)	499 (0.4%)	565 (0.45%)
11-15	806 (1%)	733 (0.6%)	775 (0.6%)
16-20	2,927 (2%)	3,159 (2.8%)	3,663 (3.0%)
21-25	5,371 (5.3%)	5,587 (5%)	6,533 (5.3%)
26-30	7,753 (8%)	8,513 (7.5%)	9,070 (7.3%)
31-35	7,575 (7.5%)	8,399 (7.4%)	9,604 (7.75%)
36-40	5,398 (5.0%)	6,013 (5.3%)	7,149 (5.7%)
41-45	4,221 (4%)	4,742 (4%)	5,540 (4.4%)
46-50	5,200 (5%)	5,503 (5%)	5,967 (4.8%)
51-55	6,253 (6%)	6,798 (6%)	7,596 (6.1%)
56-60	6,878 (7%)	7,906 (7%)	8,693 (7.0%)
61-65	6,686 (6.6%)	7,858 (7%)	8,741 (7.0%)
66-70	6,822 (7%)	7,921 (7%)	8,411 (6.8%)
71-75	8,738 (8.6%)	9,841 (9%)	10,383 (8.4%)
76-80	8,124 (8%)	8,957 (8%)	9,791 (7.9%)
81-85	7,556 (7.4%)	8,378 (7.4%)	8,540 (6.9%)
86-90	4,547 (4.4%)	5,487 (6%)	5,644 (4.5%)
91-95	1,746 (2%)	2,063 (1.8%)	2,076 (1.7%)
96-100	331 (0.3%)	375 (0.3%)	422 (0.34%)
100-105	18 (0.01%)	35 (0.03%)	42 (0.03%)
106-110	-	-	3 (0.002%)
Grand Total	101,384	113,037	123,778

The percentage of patients in every age group except 86-90 year olds has remained almost identical to those seen in the 2020 and 2021 reports despite the yearly increase in the number of inpatients.

There was a slight increase (2%) in patient in the 86-90 years age group in 2021 which has returned to near the 4.4% seen in 2020.

The highest number of inpatients are in the 71-75 year age group, and has been in previous years.

Ethnicity of inpatients 2021 and 22

Ethnicity	Spells 2021	Spells 2022
White - British	101,970	111,127
White - Irish	714	675
White - Any other White background	2,232	2,907
Mixed - White and Black Caribbean	142	97
Mixed - White and Black African	89	102
Mixed - White and Asian	135	157
Mixed - Any other mixed background	436	572
Asian or Asian British - Indian	312	331
Asian or Asian British - Pakistani	62	68
Asian or Asian British - Bangladeshi	31	29
Asian or Asian British - Any other Asian background	366	504
Black or Black British - Caribbean	64	79
Black or Black British - African	189	270
Black or Black British - Any other Black background	89	137
Other Ethnic Groups - Chinese	158	148
Other Ethnic Groups - Any other ethnic group	511	602
Not stated	4,258	4,640
Not Set	1,279	1,333
Grand Total	113,037	123,778

White British again makes up the majority of our inpatients in 2022 with 90% identifying White British, which is very similar to the percentages seen in our local communities.

5% of inpatients did not have their ethnicity recorded (not stated and not set) which is a huge improvement on previous years where the numbers of patients who did not have this field completed.

Religion or belief of inpatients 2021

Top 20, full list can be seen in appendix 1

Religion	Spells 2021	Spells 2022
Church of England	43,395	46,024
Roman Catholic	32,075	34,384

None - Not Religious	16,788	19,854
Not Set	13,654	13,744
Christian	1,597	1,894
Other	1,573	1,775
Methodist	841	879
Catholic: Not Roman Catholic	509	890
Muslim	321	393
Free Church	254	279
Hindu	237	279
Jehovah's Witness	170	159
Unknown	153	294
Atheist	149	132
Nonconformist	129	125
Baptist	87	79
Orthodox Christian	83	100
Jewish	77	68
Church of Scotland	57	29
Romanian Orthodox	56	48

Outpatients demographics 2022

Total number of outpatients:

2020	2021	2022
391,655	459,373	480,800

The past two years have shown significant increases year on year in the number of outpatients seen, addressing the backlog of patients from the pandemic with additional clinics will account for some of this increase and also additional services that have come into the Trust will have increased the number of patient seen.

Sex of outpatients:

	Male	Female	Unknown	Total
2022	206,094 (43%)	274,704 (57%)	2	480,800
2021	195,465 (42.5%)	263,892 (57.5%)	16	459,373
2020	165,596 (42%)	226,026 (58%)	43	391,655

These figures are again representative of our local community ratio for male:female residents

Veterans - outpatients

Veteran	Attendances 2022
No	429,824 (89%)
Yes	2,902 (0.6%)
Not Set	48,074 (10%)
Grand Total	480,800

10% of veterans have not provided a response to the veterans question with only 0.6% confirming their veteran status, similar to the results for inpatients.

Action – check appointments and receptionists are asking the question so we can be assured the 89% who have responded ‘no’ have been asked the question

Age range

Age Band	Attendances 2020	Attendances 2021	Attendances 2022
0-5	10,362 (2.6%)	11,717 (2.5%)	12,591 (2.6%)
6-10	6,640 (1.7%)	8,265 (1.7%)	8,324 (1.7%)
11-15	5,630 (1.4%)	7,511 (1.6%)	8,596 (1.7%)
16-20	10,652 (2.7%)	11,704 (2.5%)	11,136 (2.3%)
21-25	15,463 (3.9%)	17,411 (3.7%)	16,761 (3.5%)
26-30	21,973 (5.6%)	25,368 (5.5%)	24,558 (5.1%)
31-35	23,338 (5.95%)	27,085 (5.8%)	28,567 (5.9%)
36-40	19,646 (5.0%)	22,950 (4.9%)	23,695 (4.9%)
41-45	18,193 (4.6%)	21,185 (4.6%)	22,328 (4.6%)
46-50	23,635 (6.0%)	26,498 (5.7%)	25,499 (5.3%)
51-55	29,444 (7.5%)	33,039 (7.1%)	34,563 (7.1%)
56-60	33,251 (8.48%)	38,516 (8.3%)	40,900 (8.5%)
61-65	32,460 (8.2%)	38,355 (8.3%)	42,032 (8.7%)
66-70	32,636 (8.3%)	37,836 (8.3%)	40,076 (8.3%)
71-75	37,622 (9.6%)	44,632 (8.2%)	47,573 (9.8%)
76-80	31,109 (8.0%)	37,026 (8%)	39,859 (8.2%)
81-85	24,490 (6.25%)	29,865 (6.5%)	30,811 (6.4%)
86-90	11,635 (3.0%)	15,318 (3.3%)	17,319 (3.6%)
91-95	3,078 (0.8%)	4,376 (0.9%)	4,816 (1%)
96-100	380 (0.1%)	678 (0.1%)	725 (0.15%)
100-105	25 (0.006%)	36 (0.007%)	67 (0.01%)
106-110	2	2	4 (0.0002%)
NULL	1		

There has been no real change in the percentages attending from each age group in 2022 compared to previous years, despite the significant increase in numbers attending each year.

Ethnicity

Ethnicity	Spells 2021	Spells 2022
White - British	415,075	431,958
White - Irish	2,425	2,421
White - Any other White background	9,338	10,683
Mixed - White and Black Caribbean	390	410
Mixed - White and Black African	330	462
Mixed - White and Asian	553	591
Mixed - Any other mixed background	1,415	1,786
Asian or Asian British - Indian	1,384	1,425
Asian or Asian British - Pakistani	466	413
Asian or Asian British - Bangladeshi	139	168
Asian or Asian British - Any other Asian background	1,342	1,738
Black or Black British - Caribbean	239	312
Black or Black British - African	855	1,124
Black or Black British - Any other Black background	417	578
Other Ethnic Groups - Chinese	726	790
Other Ethnic Groups - Any other ethnic group	2,059	2,271
Not stated	22,212	23,633
Not Set	8	37

Religion or Belief Outpatients

Top 20 religions, full list can be seen at appendix 2

Religion	Spells 2021	Spells 2022
None - Not Religious	60,911	68,972
Not Set	50,690	54,742
Church of England	43,395	189,269
Roman Catholic	32,075	133,298
None - Not Religious	16,788	68,792
Not Set	13,654	54,742
Other	7,136	7,493
Christian	1,597	7,182
Other	1,573	7,493
Methodist	841	4,017
Atheist	734	586
Unknown	561	1,199
Catholic: Not Roman Catholic	509	2,904

Muslim	321	1,501
Free Church	254	1,191
Hindu	237	1,143
Jehovah's Witness	170	676
Religion not given - Patient Refused	157	318
Unknown	153	1,199
Atheist	149	586
Nonconformist	129	568

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Appendix 1

Religion and belief of inpatients 2022 (full list)

Religion	Spells
Grand Total	123,778
Church of England	46,024
Roman Catholic	34,384
None - Not Religious	19,854
Not Set	13,744
Christian	1,894
Other	1,775
NULL	1,333
Catholic: Not Roman Catholic	890
Methodist	879
Muslim	393
Unknown	294
Hindu	279
Free Church	227
Jehovah's Witness	159
Atheist	132
Nonconformist	125
Orthodox Christian	100
Baptist	92
Church in Wales	79
United Reform	70
Jewish	68
Ismaili Muslim	67
Church of God of Prophecy	53
Romanian Orthodox	48
Salvation Army Member	47
Religion not given - Patient Refused	47
Agnostic	46
Protestant	41
Presbyterian	40
Advaitin Hindu	40
Buddhist	39
Church of Ireland	38
Sikh	36
Church of Scotland	29
Rastafari	28
Anglican	23
Occultist	22
Coptic Orthodox	21
Pagan	21
Mormon	19

Confucianist	19
Christian Existentialist	16
Reformed Protestant	15
Calvinist	14
Christian Spiritualist	12
Quaker	11
Nazarene Church	10
Christian Scientists	9
Old Catholic	9
Pentecostalist	9
Congregationalist	8
Scottish Episcopalian	8
Santeri	8
Spiritualist	8
Russian Orthodox	7
Reform Jew	7
Christadelphian	6
Greek Orthodox	6
Christian Humanist	5
Amish	5
Anabaptist	5
Reformed Presbyterian	5
Humanist	4
New Age Practitioner	4
Independent Methodist	3
New Testament Pentacostalist	3
Masorti Jew	3
Orthodox Jew	3
Lightworker	3
Ancestral Worship	3
British Israelite	3
Baha'i	2
Nichiren Buddhist	2
Indian Orthodox	2
Apostolic Pentecostalist	2
Open Brethren	2
Ukrainian Catholic	2
Unitarian	2
Ahmadi	2
Druze	2
Celtic Pagan	2
Native American Religion	2
Radha Soami	2
Scientologist	2
Zen Buddhist	1

Bulgarian Orthodox	1
Celtic Christian	1
Celtic Orthodox Christian	1
Evangelical Christian	1
Lutheran	1
Messianic Jew	1
Moravian	1
Armenian Catholic	1
Reformed Christian	1
Vaishnava Hindu - Hare Krishna	1
Haredi Jew	1
Druid	1
Goddess	1
Wiccan	1
Kabbalist	1
Satanist	1
Secularist	1
Taoist	1
Animist	1
Black Magic	1

Appendix 2

Religion or belief of outpatients 2022 (full list)

Religion	Attendances
Grand Total	480,800
Church of England	189,269
Roman Catholic	133,298
None - Not Religious	68,972
Not Set	54,742
Other	7,493
Christian	7,182
Methodist	4,017
Catholic: Not Roman Catholic	2,904
Muslim	1,501
Unknown	1,199
Free Church	1,191
Hindu	1,143
Jehovah's Witness	676
Atheist	586
Nonconformist	568
Agnostic	517
Baptist	427
Orthodox Christian	373

United Reform	360
Religion not given - Patient Refused	318
Church in Wales	300
Jewish	272
Ismaili Muslim	248
Salvation Army Member	227
Church of God of Prophecy	212
Romanian Orthodox	162
Church of Ireland	157
Presbyterian	156
Church of Scotland	150
Protestant	140
Advaitin Hindu	138
Calvinist	124
Rastafari	123
Pagan	122
Buddhist	118
Sikh	115
Occultist	108
Mormon	81
Anglican	76
Goddess	56
Spiritualist	43
Confucianist	43
Russian Orthodox	40
Christian Existentialist	39
Christian Scientists	38
Quaker	36
Congregationalist	35
Pentecostalist	34
Orthodox Jew	32
Santeri	32
Christian Spiritualist	28
Greek Orthodox	27
Reformed Presbyterian	27
Reformed Christian	26
Nazarene Church	22
Reformed Protestant	22
Christian Humanist	21
Evangelical Christian	21
Reform Jew	21
Native American Religion	21
Christadelphian	20
Coptic Orthodox	20
Apostolic Pentecostalist	20

Old Catholic	18
New Age Practitioner	16
Amish	15
Scottish Episcopalian	15
Humanist	15
Celtic Christian	14
Nichiren Buddhist	12
Celtic Orthodox Christian	11
Independent Methodist	11
Ahmadi	11
Ancestral Worship	11
Druze	10
Lightworker	10
New Testament Pentacostalist	9
New Kadampa Tradition Buddhist	8
Unitarian	8
Wiccan	8
Radha Soami	8
British Israelite	8
Druid	7
Secularist	7
Black Magic	7
Baha'i	6
Anabaptist	6
Moravian	6
Scientologist	6
Free Church of Scotland	5
Indian Orthodox	5
Armenian Catholic	5
Haredi Jew	5
Lutheran	4
Pantheist	4
Open Brethren	3
Celtic Pagan	3
Seventh Day Adventist	2
Masorti Jew	2
Satanist	2
Zen Buddhist	1
Bulgarian Orthodox	1
Judaic Christian	1
Messianic Jew	1
Serbian Orthodox	1

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