Our journey

Area Profile: Rumworth

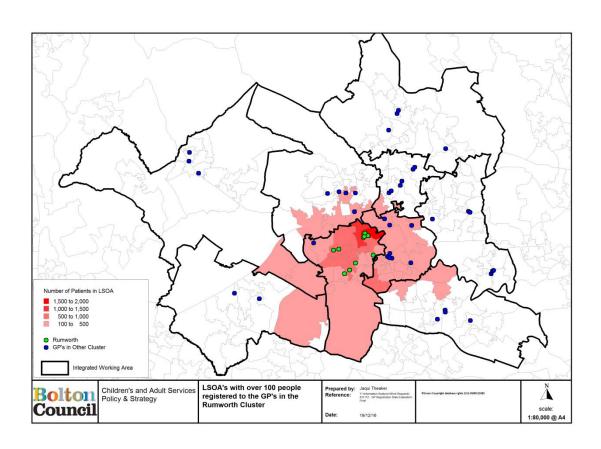# Area Profile: Neighbourhood South: Rumworth

Introduction

The aim of this profile report is to give a demographic overview of each GP Cluster Neighbourhood.

The present report is for the South neighbourhood of Rumworth which is made up from the following GP practices:

- P82030 – Deane Medical Centre
- P82629 – Pikes Lane 2
- P82640 - Al-Fal Medical Group
- P82002 – Pikes Lane 1
- Y03366 - Olive Family Practice
- P82624 – Orient House Medical Centre

- Y00186 - 3D Medical Centre
- P82004 - Swan Lane Medical Centre
- P82609 – Shanti Medical Centre
- P82009 – St Helens Road Practice
- P82660 – Deane Clinic 1

Number of Patients in LSOA
- 1,500 to 2,000
- 1,000 to 1,500
- 500 to 1,000
- 100 to 500

- ● Rumworth
- ● GP's in Other Cluster

☐ Integrated Working Area

Bolton Council — Children's and Adult Services Policy & Strategy

LSOA's with over 100 people registered to the GP's in the Rumworth Cluster

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Reference: Y:\Information Analysis\Work Requests\ID1112 - GP Registration Data Evaluation\ Final

Date: 19/12/16

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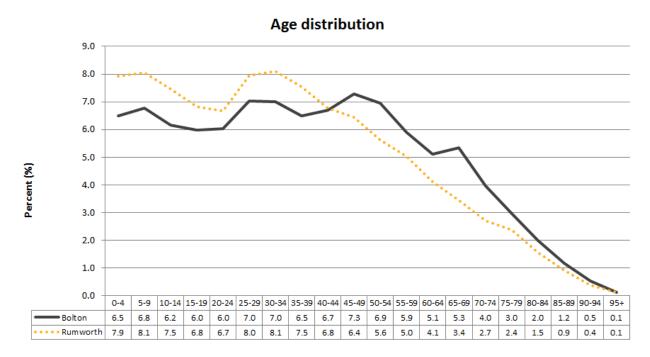
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Population

Bolton's total population is set to increase by around 12% or around 33,000 people by 2035. Although the borough is set to gain approximately 30,000 people, it is projected that Bolton will lose around 14,000 residents who will move elsewhere in the UK. The borough is projected to experience a marginally higher birth rate than the national average[1].

The proportion of children in Bolton is slightly higher than the average for Greater Manchester and England. In 2011, 25.8% of the population were aged 0-19, with 6.8% of these being 0-4 years. Population projections for Bolton suggest that the number of dependent children will increase by 17% between 2010 and 2035.

There are currently around 50,559 patients within the Rumworth neighbourhood registered at one of their practices, ranging from around 1,500 registered in 3D Medical Centre to 8,200 in Swan Lane Medical Centre[2].

Age distribution

	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	85-89	90-94	95+
Bolton	6.5	6.8	6.2	6.0	6.0	7.0	7.0	6.5	6.7	7.3	6.9	5.9	5.1	5.3	4.0	3.0	2.0	1.2	0.5	0.1
Rumworth	7.9	8.1	7.5	6.8	6.7	8.0	8.1	7.5	6.8	6.4	5.6	5.0	4.1	3.4	2.7	2.4	1.5	0.9	0.4	0.1

Taken as a whole the Rumworth neighbourhood has a younger profile than is average for Bolton practices with only 11% of patients are aged 65+ compared to 16% across Bolton. Furthermore, as illustrated in the below chart Rumworth has a notably higher proportion of younger children than we see across the borough as a whole.

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[1] Bolton's Health Matters (Starting Well) - http://www.boltonshealthmatters.org/
[2] National General Practice Profiles - http://fingertips.phe.org.uk/PROFILE/GENERAL-PRACTICE

Resident population by key Census age groups				
Age	Deane Medical Centre	Pikes Lane 2	Al-Fal Medical Group	Pikes Lane 1
0-4 years	272	118	423	536
5-14 years	452	299	857	1,128
Under 19 years	945	567	1,624	2,109
65+ years	269	257	202	1,353
75+ years	138	120	76	632
85+ years	52	30	16	145
	Olive Family Practice	Orient House Medical Centre	3D Medical Centre	Swan Lane Medical Centre
0-4 years	323	251	128	609
5-14 years	572	452	288	1,293
Under 19 years	1,171	992	525	2,438
65+ years	207	401	48	1,025
75+ years	99	198	20	521
85+ years	17	63	1	147
	Shanti Medical Centre	St Helens Road Practice	Deane Clinic 1	Rumworth neighbourhood
0-4 years	591	377	312	3,940
5-14 years	1,056	694	610	7,701
Under 19 years	2,093	1,398	1,173	15,035
65+ years	417	1,257	259	5,695
75+ years	174	567	99	2,644
85+ years	28	174	23	696

Around 10% of households within the neighbourhood are living in overcrowded circumstances – this is higher than typical for Bolton (6.9%) and the national average (8.7%). A fairly average proportion (3.6%) of households in the area do not have central heating, but in many areas of Bolton almost 100% of households have central heating. Furthermore, over a third (36.5%) of all pensioners within the neighbourhood are living alone. Finally, within the neighbourhood 1,500 people are currently providing 50 or more hours of unpaid care.

Tenure in Rumworth broadly follows the pattern of the town overall but with a lower proportion of ownership with a mortgage and higher proportions of social and private rented.

Tenure (%)		
	Rumworth	Bolton
Owned outright	31.3	30.6
Owned with a mortgage or loan or shared ownership	26.9	33.8
Social rented	22.8	20.5
Private rented or living rent free	18.9	15.2

Deprivation and economic activity

Known inequalities persist across the socioeconomic gradient of Bolton with older people living in the most deprived areas being more likely to develop long-term conditions, to rely on Adult Social Care, and to have more emergency admissions in their old age. There are 34 Lower Super Output Areas (LSOAs) in Bolton which rank in the most deprived 10% such areas in the country according to the Index of Multiple Deprivation 2015.

Around 13% of adults in the neighbourhood have a degree (or higher) qualification (equal to Bolton (13%)), while around 31% have no formal qualifications. The unemployment rate in Rumworth is currently 3.6%, similar to that seen across Bolton as a whole (2.9%). In addition, 9.0 residents per 1,000 are long-term unemployed (JSA claimants for more than 12 months). This is higher than the local average (6.6 per 1,000). Net weekly income in the neighbourhood is around £460, lower than the Bolton average at around £500.

The Rumworth neighbourhood has a higher IMD 2015 score (33.4) than is average for Bolton (28.4). However, a slightly higher proportion are unemployed in Rumworth (8.8%) than average for the borough (6.1%). This equates to 26.4% of households living in poverty, that is, below 60% of the median income (before housing costs).

Ethnicity

In Bolton as a whole 18.1% of the population are from Black and Minority Ethnic (BME) communities. The Rumworth neighbourhood has a much higher proportion of people from BME backgrounds, as do the Wards within these boundaries. Overall, the Rumworth neighbourhood has a BME population of 43.1% which equates to around 21,800 people, making it one of the largest such communities in the town.

As is to be expected given the significant BME population, there are a relatively high number of local residents whose main language is not English – 6.3% or 3,180 people; across the borough 2.3% of the population do not have English as their main language.

Child health

Children aged 5 to 19 face a range of transition stages, namely from primary to secondary school and the beginning of adolescence through to adulthood.

The needs of children and young people in this wide age range vary greatly as it is a period of rapid growth and development. Many of the health problems that young people develop as

they grow older are rooted in their experiences of childhood and adolescence. Importantly, a sense of aspiration, achievement, and security are intrinsically linked to young people's life chances and their long term wellbeing[3].

Rumworth has a higher than average proportion (9.4%) of low birth weight births for Bolton; for comparison the highest local rate is 12.3% and the lowest is 4.2%. Teenage pregnancy is more of an issue with 1.1% of all local deliveries being to a mother under the age of 18. The average across Bolton is 1.6%, putting the neighbourhood around average for the borough.

A lower than expected number (51.6%) of local children achieve a good level of development at age 5 in Rumworth (Bolton, 54.2%). However, this is lower than the national average (60.4%) and much lower than the highest achieving neighbourhood in Bolton (80.3%). This pattern continues for local GCSE attainment, with again around half (54.4%) of local children achieving 5 A*-C including English and Maths. This proportion is not far behind the Bolton (56.4%) and national (56.6%) averages, but some way behind the highest attaining neighbourhood of Bolton (78.2%).

Childhood obesity and overweight in Rumworth are fairly typical for Bolton at 18.4% in Reception and 36.4% in Year 6.

For all A&E attendances under 18 years old, Bolton has a higher rate (362 per 1,000) than Rumworth (337), ranging from 277 in Olive Family Practice to 380 per 1,000 patients in Pikes Lane 1.

Rumworth's rate of child admissions shows a broadly similar pattern to that seen locally. Within the neighbourhood, Pikes Lane 1 and Deane Clinic 1 have higher than typical injury admissions.

Child Health: Hospital activity (2012/13 – 2014/15)							
	Deane Medical Centre		Pikes Lane 2		Al-Fal Medical Group		Pikes Lane 1
	Number	Rate*	Number	Rate*	Number	Rate*	Number	
A&E attendances (<18)	861	359	534	334	1,162	324	2,149	380
Emergency respiratory admissions (<18)	16	3.8	14	5.2	18	3.7	47	5
Emergency admissions for asthma, diabetes or epilepsy (<18)	8	1.9			27	5.6	50	5
Admissions due to injury (<18)	34	14.2	19	11.9	43	12.0	85	15
	Olive Family Practice		Orient House Medical Centre		3D Medical Centre		Swan Lane Medical Centre	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
A&E attendances (<18)	747	277	680	333	565	373	2,139	326
Emergency respiratory admissions (<18)	14	4.0	14	4.8	7	2.6	51	5
Emergency admissions for asthma, diabetes or epilepsy (<18)	9	2.6	10	3.4	9	3.3	59	5
Admissions due to injury (<18)	27	10.0	21	10.3	17	11.2	70	11

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[3] JSNA Executive Summaries 2014 (Developing Well) - http://www.boltonshealthmatters.org/content/jsna-executive-summaries-2014

	Shanti Medical Centre		St Helens Road Practice		Deane Clinic 1		Rumworth neighbourhood	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
A&E attendances (<18)	1,536	292	1,328	365	1,090	334	12,791	336
Emergency respiratory admissions (<18)	24	2.8	32	5.6	20	3.9	257	4
Emergency admissions for asthma, diabetes or epilepsy (<18)	19	2.2	14	2.3	24	4.7	229	4
Admissions due to injury (<18)	60	11.4	37	10.2	48	14.7	461	12

*Rate per 1,000 population

Health profile

Bolton's biggest killers are CVD, cancer, and respiratory disease and these are conditions very strongly associated with poor lifestyle behaviours. The physical health conditions that are increasing in Bolton are diabetes, which is increasing in line with obesity, liver disease as a result of alcohol misuse, and skin cancer[4].

CVD/risk factors

Hypertension

CVD: Hypertension (%)

[4] JSNA Executive Summaries (Living Well) - http://www.boltonshealthmatters.org/sites/default/files/LIVING%20WELL.pdf
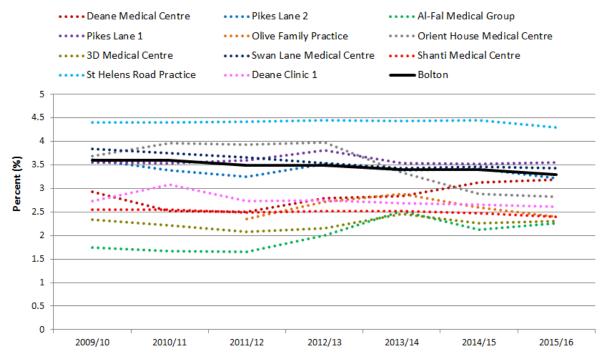
Overall, 12.7% (6,336 people) of Rumworth practices have hypertension; this proportion is higher than average for Bolton (14.0%). Rumworth practices range from 8.0% in Olive Family Practice to 16.1% in St Helens Road Practice.

Coronary heart disease (CHD)

Within the Rumworth neighbourhood around 1,542 patients registered have CHD. The prevalence for CHD for all ages is 3.1%, which is typical for Bolton (3.3%).
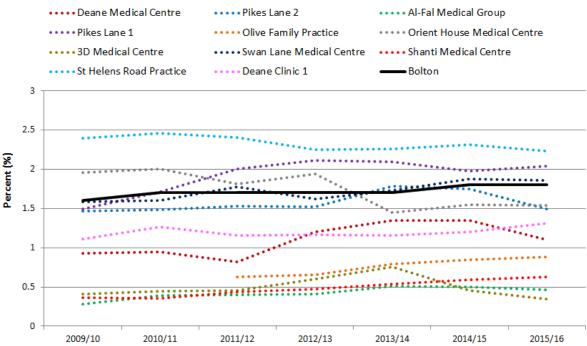
CVD: Coronary Heart Disease (%)

Stroke

The stroke prevalence for Rumworth (1.4%) is similar to what we see locally (1.8%) and nationally (1.7%). This equates to 709 people in the Rumworth neighbourhood.

CVD: Stroke (%)

Obesity

Rumworth (12.6%) has a similar prevalence of obese patients (aged 18+) to that seen across Bolton (12.2%). This equates to 4,538 obese patients in the Rumworth neighbourhood. Over recent years Bolton has seen a decrease in the levels of obesity, but the prevalence still remains higher than the national average (9.5%)[5].

The previous indicator (aged 16+) has been retired; as such no comparable trend data is currently available.

Estimated smoking prevalence

Smoking is the most significant preventable cause of ill health, premature death, and health inequalities in Bolton. Whilst the prevalence of smoking has reduced in recent years, approximately a fifth of the adult population are current smokers and ten people die each week in Bolton from smoking related illnesses[6].

Public Health England (PHE) estimates the national smoking prevalence to currently be 18.1% with Bolton having the somewhat higher rate of 20.5%. Rumworth neighbourhood has an estimated prevalence (20.6%) higher than the national average but almost identical to the Bolton average and equating to 7,914 people.

[5] National General Practice Profiles - http://fingertips.phe.org.uk/PROFILE/GENERAL-PRACTICE
[6] Respiratory Disease JSNA Chapter - http://www.boltonshealthmatters.org/content/respiratory-disease-jsna

Heart failure and atrial fibrillation

Rumworth has a similar prevalence of heart failure (0.6%) and a slightly higher prevalence of atrial fibrillation (1.0%) when compared to Bolton as a whole (0.8%, 1.5%).

CVD (2015/16)								
	Deane Medical Centre		**Pikes Lane 2**		**Al-Fal Medical Group**		**Pikes Lane 1**	
	Number	**Rate***	**Number**	**Rate***	**Number**	**Rate***	**Number**	**Rate***
Hypertension	397	11.8	282	13.6	397	9.3	1,176	14.2
CHD	107	3.2	67	3.2	97	2.3	294	3.6
Stroke	37	1.1	31	1.5	20	0.5	169	2.0
Obesity (18+)	276	11.0	273	17.3	299	10.7	685	10.8
Smoking	692	26.3	341	20.5	472	15.7	1,737	26.3
Heart Failure	16	0.5	18	0.9	6	0.1	49	0.6
Atrial Fibrillation	18	0.5	29	1.4	4	0.1	119	1.4
	Olive Family Practice		**Orient House Medical Centre**		**3D Medical Centre**		**Swan Lane Medical Centre**	
	Number	**Rate***	**Number**	**Rate***	**Number**	**Rate***	**Number**	**Rate***
Hypertension	252	8.0	429	13.8	123	8.6	1,126	14.1
CHD	76	2.4	88	2.8	33	2.3	275	3.4
Stroke	28	0.9	48	1.5	5	0.3	149	1.9
Obesity (18+)	231	10.9	223	10.0	154	16.2	1,014	17.6
Smoking	360	15.9	480	19.9	251	24.8	1,098	18.0
Heart Failure	13	0.4	22	0.7	8	0.6	53	0.7
Atrial Fibrillation	11	0.3	32	1.0	6	0.4	91	1.0
	Shanti Medical Centre		**St Helens Road Practice**		**Deane Clinic 1**		**Rumworth neighbourhood**	
	Number	**Rate***	**Number**	**Rate***	**Number**	**Rate***	**Number**	**Rate***
Hypertension	725	11.7	968	16.1	461	12.3	6,336	12.7
CHD	149	2.4	258	4.3	98	2.6	1,542	3.1
Stroke	39	0.6	134	2.2	49	1.3	709	1.4
Obesity (18+)	536	12.5	536	11.3	311	11.7	4,538	12.6
Smoking	694	15.2	998	20.2	791	28.0	7,914	20.6
Heart Failure	28	0.5	47	0.8	20	0.5	280	1.6
Atrial Fibrillation	26	0.4	128	2.1	15	0.4	479	1.0

CVD (Mar 17)		High Risk CVD Review			Heart Failure with LVD		
	Practice List Size	**PP Register (>20% Risk)**	**On PP reg had annual review**	**(%) had annual review**	**LVD Register**	**HF Register**	**LVD Prev of HF Register**
Pikes Lane 1	**7,865**	182	147	80.8%	19	48	39.6%
Swan Lane Medical Centre	**8,181**	104	88	84.6%	31	58	53.4%

St Helens Road Practice	6,125	145	122	84.1%	27	45	60.0%
Deane Medical Centre	3,486	35	33	94.3%	6	13	46.2%
Shanti Medical Centre	6,525	101	10	9.9%	23	30	76.7%
Orient House Medical Centre	3,267	41	21	51.2%	27	39	69.2%
Pikes Lane 2	2,119	43	37	86.0%	12	18	66.7%
Al-Fal Medical Group	4,343	44	32	72.7%	3	6	50.0%
Deane Clinic 1	3,763	38	23	60.5%	9	20	45.0%
3D Medical Centre	1,526	10	8	80.0%	5	10	50.0%
Olive Family Practice	3,454	25	24	96.0%	5	16	31.3%
Rumworth neighbourhood	**50,654**	**768**	**545**	**71.0%**	**167**	**303**	**55.1%**

	Practice List Size	Atrial Fibrillation					
		AF Register	(%) Non SMK	(%) Pulse rate	(%) CHA2Ds2	(%) HAS BLED	(%) ANTI COAG
Counsell & Partners	7,865	122	87.7%	94.3%	91.0%	73.0%	65.6%
Swan Lane Medical	8,181	107	91.6%	95.3%	83.2%	78.5%	41.1%
Garnet Fold	6,125	128	96.1%	95.3%	77.3%	74.2%	71.1%
Deane Medical	3,486	15	86.7%	100.0%	100.0%	66.7%	60.0%
Prasad & Hanif	6,525	26	88.5%	80.8%	88.5%	88.5%	84.6%
Orient House Medical	3,267	43	95.3%	93.0%	97.7%	60.5%	58.1%
Dakshina-Murthi	2,119	27	100.0%	96.3%	88.9%	81.5%	66.7%
Al-Fal Medical	4,343	7	71.4%	85.7%	100.0%	71.4%	71.4%
Deane Clinic	3,763	16	93.8%	75.0%	37.5%	12.5%	12.5%
3D Medical	1,526	6	100.0%	100.0%	100.0%	100.0%	83.3%
The Olive Family Practice	3,454	12	91.7%	91.7%	58.3%	41.7%	41.7%
Rumworth neighbourhood	**50,654**	**509**	**92.1%**	**93.5%**	**84.3%**	**72.1%**	**60.1%**

Cancer

Around 650 deaths each year in Bolton are attributed to cancer, which accounts for just over a quarter of all local deaths. Digestive cancers and lung cancer are the most significant cancers when we consider mortality in Bolton, accounting for around 180 and 170 deaths respectively. Lung cancer is the chief cancer associated with local inequalities due to the differences in smoking prevalence across the social gradient.

The prevalence of all cancers in Rumworth (1.5%) is lower than typical for Bolton (2.2%).

Cancer prevalence for all ages (2015/16)		
	Number	(%)
Deane Medical Centre	38	1.1
Pikes Lane 2	39	1.9
Al-Fal Medical Group	23	0.5
Pikes Lane 1	164	2.0

Olive Family Practice	29	0.9
Orient House Medical Centre	35	1.1
3D Medical Centre	8	0.6
Swan Lane Medical Centre	148	1.9
Shanti Medical Centre	56	0.9
St Helens Road Practice	144	2.4
Deane Clinic 1	44	1.2
Rumworth neighbourhood	**728**	**1.5**

Cancer Screening (Mar 17)							
	Practice List Size	**Breast Screening (Women 50-70)**			**Bowel Screening (Patients 60-74)**		
		Eligible Population (Women 50-70)	No. Screened within 3 YEARS	(%) screened within 3 YEARS	Eligible population (60-74)	No. screened in last 2y	(%) Uptake
Counsell & Partners	7,865	862	663	76.9%	1,087	545	50.1%
Swan Lane Medical	8,181	781	589	75.4%	830	413	49.8%
Garnet Fold	6,125	745	556	74.6%	981	543	55.4%
Deane Medical	3,486	214	100	46.7%	243	53	21.8%
Prasad & Hanif	6,525	509	362	71.1%	473	183	38.7%
Orient House Medical	3,267	271	159	58.7%	316	117	37.0%
Dakshina-Murthi	2,119	187	133	71.1%	226	88	38.9%
Al-Fal Medical	4,343	238	180	75.6%	283	111	39.2%
Deane Clinic	3,763	309	48	15.5%	317	147	46.4%
3D Medical	1,526	89	60	67.4%	75	26	34.7%
The Olive Family Practice	3,454	234	160	68.4%	225	79	35.1%
Rumworth neighbourhood	**50,654**	**4,439**	**3,010**	**67.8%**	**5,056**	**2,305**	**45.6%**

	Practice List Size	**Cervical Screening (Women 25-49)**			**Cervical Screening (Women 50-64)**		
		Eligible population (25-49)	No. screened in last 3y	(%) Uptake	Eligible population (50-64)	No. screened in last 5y	(%) Uptake
Counsell & Partners	7,865	1,289	661	51.3%	566	367	64.8%
Swan Lane Medical	8,181	1,419	841	59.3%	511	408	79.8%
Garnet Fold	6,125	898	607	67.6%	550	375	68.2%
Deane Medical	3,486	530	276	52.1%	178	132	74.2%
Prasad & Hanif	6,525	1,252	517	41.3%	357	246	68.9%
Orient House Medical	3,267	486	296	60.9%	208	146	70.2%
Dakshina-Murthi	2,119	319	243	76.2%	139	107	77.0%
Al-Fal Medical	4,343	662	427	64.5%	170	155	91.2%
Deane Clinic	3,763	693	381	55.0%	229	147	64.2%
3D Medical	1,526	194	115	59.3%	59	48	81.4%
The Olive Family Practice	3,454	595	312	52.4%	171	137	80.1%
Rumworth neighbourhood	**50,654**	**8,337**	**4,676**	**56.1%**	**3,138**	**2,268**	**72.3%**

Respiratory disease

The term respiratory disease covers a range of conditions, but the key areas for Bolton are asthma, bronchitis, emphysema and other COPD, and pneumonia.

Respiratory disease is one of the key contributing factors to reduced life expectancy in Bolton and is the third leading cause of death. NHS Bolton spends around £26million on problems of the respiratory system, the majority of which is split between secondary care non-elective activity (£11million) and primary care prescribing and pharmaceutical services (£8million)[7].

Asthma

In Bolton there are currently around 19,500 people on the asthma disease register (aged 8 years and over). This is likely a slight underestimation of true prevalence. The Asian Pakistani community demonstrates the highest levels of asthma and chronic cough in Bolton.

The prevalence of asthma within the Rumworth neighbourhood is lower than we see in Bolton overall (6.4%) with 5.7% of the practice population on the asthma disease register, which given ethnic profile of the neighbourhood suggests under diagnosis.

COPD

As discussed above, the major risk factor in respiratory disease is smoking or exposure to tobacco smoke. For asthma and COPD, early diagnosis and effective treatment and management have a positive impact on long-term health outcomes.

COPD within the Rumworth neighbourhood (1.8%) is lower to what we see across Bolton (2.3%).

Asthma/COPD prevalence for all ages (2015/16)				
	Asthma		COPD	
	Number	(%)	Number	(%)
Deane Medical Centre	170	5.1	48	1.4
Pikes Lane 2	94	4.5	53	2.5
Al-Fal Medical Group	276	6.4	30	0.7
Pikes Lane 1	449	5.4	241	2.9
Olive Family Practice	200	6.3	22	0.7
Orient House Medical Centre	168	5.4	70	2.3
3D Medical Centre	60	4.2	14	1.0
Swan Lane Medical Centre	446	5.6	148	1.9
Shanti Medical Centre	389	6.3	70	1.1
St Helens Road Practice	360	6.0	133	2.2
Deane Clinic 1	223	6.0	82	2.2

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[7] Respiratory Disease JSNA Chapter - http://www.boltonshealthmatters.org/content/respiratory-disease-jsna

Rumworth neighbourhood	2,835	5.7	911	1.8

Asthma (Mar 17)

	Practice List Size	Child Asthma (5-11 years)						
		List size ≥ 5 <12 yrs	Asthma Register	(%) Passive SMK Advice	(%) Mng Plan	(%) Trigger Fact	(%) Asthma Control test	(%) Inhaler Tech Good
Counsell & Partners	7,865	895	37	29.7%	56.8%	27.0%	29.7%	56.8%
Swan Lane Medical	8,181	1086	39	33.3%	84.6%	20.5%	33.3%	61.5%
Garnet Fold	6,125	600	22	50.0%	90.9%	68.2%	59.1%	81.8%
Deane Medical	3,486	427	16	68.8%	93.8%	93.8%	87.5%	100.0%
Prasad & Hanif	6,525	920	35	2.9%	20.0%	0.0%	0.0%	37.1%
Orient House Medical	3,267	395	26	69.2%	76.9%	65.4%	69.2%	73.1%
Dakshina-Murthi	2,119	248	6	66.7%	66.7%	66.7%	66.7%	66.7%
Al-Fal Medical	4,343	707	37	32.4%	51.4%	32.4%	40.5%	51.4%
Deane Clinic	3,763	534	23	13.0%	73.9%	69.6%	13.0%	73.9%
3D Medical	1,526	233	9	100.0%	100.0%	100.0%	100.0%	100.0%
The Olive Family Practice	3,454	533	29	75.9%	75.9%	55.2%	72.4%	58.6%
Rumworth neighbourhood	**50,654**	**6,578**	**279**	**41.2%**	**67.0%**	**43.7%**	**43.4%**	**63.4%**

	Practice List Size	Asthma (over 12 years)						
		List size ≥ 12 yrs	Asthma Register	(%) Non SMK	(%) Mng Plan	(%) Trigger Fact	(%) Asthma Control test	(%) Inhaler Tech Good
Counsell & Partners	7,865	6,601	390	76.4%	63.8%	66.7%	65.6%	67.2%
Swan Lane Medical	8,181	6,571	401	85.3%	83.3%	69.3%	67.8%	66.1%
Garnet Fold	6,125	5,210	336	89.6%	67.3%	69.3%	66.7%	57.4%
Deane Medical	3,486	2,819	135	82.2%	73.3%	76.3%	68.1%	67.4%
Prasad & Hanif	6,525	5,070	344	91.6%	17.2%	24.1%	16.6%	46.8%
Orient House Medical	3,267	2664	174	84.5%	46.6%	50.6%	43.7%	50.6%
Dakshina-Murthi	2,119	1777	101	82.2%	77.2%	81.2%	76.2%	80.2%
Al-Fal Medical	4,343	3,310	220	91.4%	80.5%	84.1%	79.1%	82.7%
Deane Clinic	3,763	2,973	192	77.6%	75.5%	78.6%	72.9%	76.6%
3D Medical	1,526	1,185	55	94.5%	83.6%	85.5%	83.6%	78.2%
The Olive Family Practice	3,454	2,645	178	92.7%	80.9%	80.3%	79.8%	55.1%
Rumworth neighbourhood	**50,654**	**40,825**	**2,526**	**85.7%**	**64.8%**	**65.4%**	**61.6%**	**63.8%**

COPD (Mar 17)

	Practice List Size	COPD						
		COPD Register	(%) Non SMK	(%) Mng Plan	(%) Inhaler Tech Good	(%) Predicted Fev1	(%) screened	(%) Pulse O2
Counsell & Partners	7,865	227	64.3%	79.7%	80.2%	80.6%	76.7%	83.3%

Swan Lane Medical	**8,181**	156	67.9%	69.2%	61.5%	55.1%	66.7%	84.0%
Garnet Fold	**6,125**	123	73.2%	81.3%	69.9%	60.2%	78.9%	79.7%
Deane Medical	**3,486**	45	53.3%	75.6%	68.9%	71.1%	71.1%	91.1%
Prasad & Hanif	**6,525**	74	63.5%	13.5%	24.3%	23.0%	23.0%	39.2%
Orient House Medical	**3,267**	72	62.5%	58.3%	61.1%	55.6%	51.4%	65.3%
Dakshina-Murthi	**2,119**	50	54.0%	96.0%	96.0%	96.0%	96.0%	96.0%
Al-Fal Medical	**4,343**	29	51.7%	89.7%	96.6%	96.6%	89.7%	100.0%
Deane Clinic	**3,763**	80	47.5%	88.8%	83.8%	90.0%	83.8%	88.8%
3D Medical	**1,526**	11	81.8%	100.0%	100.0%	100.0%	100.0%	100.0%
The Olive Family Practice	**3,454**	23	69.6%	91.3%	52.2%	73.9%	73.9%	91.3%
Rumworth neighbourhood	**50,654**	**890**	**63%**	**73%**	**70%**	**68%**	**71%**	**80%**

Diabetes

The number of people diagnosed with diabetes increases each year; nationally, the pace of the increase has been approximately 25% over the past six years. Commissioners need to ensure service capacity to cope with rising numbers of diabetes patients. Type 2 diabetes is by far the most prevalent diabetes and the one that is increasing. Local diabetes prevention strategies aiming to reduce the incidence of Type 2 diabetes need to engage especially with deprived communities.

Smoking, obesity, hypertension and CHD are all associated with diabetes. The QOF prevalence of diabetes within the Rumworth neighbourhood is higher than that of Bolton. Rumworth sees a prevalence of 10.5% whereas Bolton as a whole is almost 8.0%. All practices have a higher prevalence than the Bolton average and have a combined register of 3,829 patients. Higher prevalence will be influenced by the demographic profile of the neighbourhood as evidence suggests being of South Asian ethnicity increases the likelihood of developing diabetes[8].

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[8] Nomis official labour market statistics - https://www.nomisweb.co.uk/

Diabetes (%)

Legend:
- Deane Medical Centre
- Pikes Lane 2
- Al-Fal Medical Group
- Pikes Lane 1
- Olive Family Practice
- Orient House Medical Centre
- 3D Medical Centre
- Swan Lane Medical Centre
- Shanti Medical Centre
- St Helens Road Practice
- Deane Clinic 1
- Bolton

Chronic kidney disease (CKD)

The main cause of chronic kidney disease is diabetes. Considering Rumworth's higher than average rate of diabetes we would expect CKD to follow a similar pattern but this is not the case. Rumworth as a whole has a prevalence of 5.3% which equates to 1,941 people – this accounts for half of the diabetes register in Rumworth – in other areas of Bolton this proportion is often around 75%.

Diabetes/CKD prevalence for patients aged 18+ (2015/16)				
	Diabetes		**CKD**	
	Number	**(%)**	**Number**	**(%)**
Deane Medical Centre	255	9.9	84	3.3
Pikes Lane 2	193	12.0	80	5.1
Al-Fal Medical Group	321	11.2	88	3.1
Pikes Lane 1	564	8.8	406	6.4
Olive Family Practice	251	11.6	65	3.1
Orient House Medical Centre	193	8.4	99	4.4
3D Medical Centre	97	10.0	14	1.5
Swan Lane Medical Centre	687	11.7	352	6.1
Shanti Medical Centre	553	12.6	212	4.9
St Helens Road Practice	422	8.8	415	8.8
Deane Clinic 1	293	10.7	126	4.7
Rumworth neighbourhood	**3,829**	**10.5**	**1,941**	**5.3**

Diabetes (Mar 17)						
	Practice List Size	Diabetes 9 care processes				
		DM Register size	(%) non smk	(%) BP ≤ 145/85	(%) Chol ≤ 5mmol/l	(%) HbA1c ≤ 53 mmol
Counsell & Partners	**7,865**	567	81.0%	85.0%	72.3%	52.6%
Swan Lane Medical	**8,181**	708	88.1%	87.7%	70.9%	54.5%
Garnet Fold	**6,125**	417	89.9%	93.5%	72.9%	59.7%
Deane Medical	**3,486**	268	84.3%	89.9%	67.5%	44.4%
Prasad & Hanif	**6,525**	572	89.9%	76.7%	70.3%	50.3%
Orient House Medical	**3,267**	217	84.8%	85.7%	73.3%	47.5%
Dakshina-Murthi	**2,119**	195	88.2%	97.4%	75.4%	55.4%
Al-Fal Medical	**4,343**	335	89.6%	93.4%	76.7%	49.6%
Deane Clinic	**3,763**	289	78.5%	81.3%	67.5%	53.3%
3D Medical	**1,526**	109	84.4%	89.0%	61.5%	40.4%
The Olive Family Practice	**3,454**	282	92.9%	94.3%	77.3%	46.8%
Rumworth neighbourhood	**50,654**	**3,959**	**86.8%**	**87.4%**	**71.8%**	**51.7%**

	Practice List Size	Diabetes 9 care processes				
		(%) ACR re	(%) DM_BMI (22K)	(%) DM_RET	(%) DM_FOOT	(%) DM_CRE
Counsell & Partners	**7,865**	70.0%	92.6%	70.4%	69.7%	91.7%
Swan Lane Medical	**8,181**	66.7%	89.3%	77.0%	75.0%	92.2%
Garnet Fold	**6,125**	71.0%	91.4%	74.6%	76.5%	93.5%
Deane Medical	**3,486**	61.2%	73.1%	50.0%	45.5%	91.8%
Prasad & Hanif	**6,525**	73.6%	81.8%	72.9%	64.5%	91.4%
Orient House Medical	**3,267**	58.1%	60.4%	60.4%	48.8%	86.2%
Dakshina-Murthi	**2,119**	92.3%	99.0%	86.7%	80.5%	97.9%
Al-Fal Medical	**4,343**	85.7%	90.7%	78.2%	77.3%	94.6%
Deane Clinic	**3,763**	83.4%	86.2%	77.2%	74.4%	92.0%
3D Medical	**1,526**	85.3%	80.7%	68.8%	91.7%	93.6%
The Olive Family Practice	**3,454**	91.1%	92.9%	73.4%	72.0%	97.2%
Rumworth neighbourhood	**50,654**	**74.1%**	**86.6%**	**72.6%**	**70.1%**	**92.7%**

Admissions

Rumworth experiences 16% more emergency admissions than is average for England, which is typical for Bolton. In general, admissions in the neighbourhood across all the main disease areas are higher than England and Bolton.

Standardised admissions ratios					
	Rumworth	**Bolton average**	**Bolton best**	**Bolton worst**	**England**
Emergency Admissions, All Causes SAR	**116**	115	77	160	100

Emergency Admissions, Coronary Heart Disease SAR	**152**	127	60	275	100
Emergency Admissions, Stroke SAR	**128**	119	76	197	100
Emergency Admissions, Chronic Obstructive Pulmonary Disease (COPD) SAR	**115**	127	37	320	100
Incidence of all cancers SIR	**96**	100	77	128	100
Incidence of breast cancer SIR	**85**	93	58	123	100
Incidence of colorectal cancer SIR	**100**	100	51	152	100
Incidence of lung cancer SIR	**134**	115	44	244	100
Hospital stays for intentional self harm SAR	**97**	119	33	271	100
Hospital Admissions for Alcohol Attributable Harm (narrow definition) SAR	**102**	106	58	207	100
Emergency Admissions, Hip Fracture in 65+ SAR	**108**	103	71	175	100

Mental health and depression

Mental health problems and depression are associated with high levels of deprivation for all age groups, but treatment for mental health problems can adversely affect physical health in vulnerable older people. Both physical and mental health difficulties can affect an individual's ability to care for themselves independently and potentially have major implications for their way of life and their need for services.

Depression is lower in Rumworth (7.5%) than is average for Bolton (9.1%), with a register size of 2,729. However, the average for Bolton should perhaps be higher because we know from further analysis that at GP practice level depression is not as associated with deprivation as we would expect from wider research. This suggests under-diagnosis in Bolton's more deprived communities.

The prevalence of severe mental illness across Bolton, as measured by QOF, is recorded as 0.9%. Rumworth neighbourhood has a rate typical of Bolton at 1.0%, equating to 499 patients within the practices that have a recorded mental health issue.

Mental Health Indicators: QOF register prevalence 2015/16				
	Depression		Mental health problems (severe)	
	Number	(%)	Number	(%)
Deane Medical Centre	118	4.7	35	1.0
Pikes Lane 2	122	7.7	19	0.9
Al-Fal Medical Group	87	3.1	22	0.5
Pikes Lane 1	675	10.7	85	1.0
Olive Family Practice	120	5.7	39	1.2
Orient House Medical Centre	89	4.0	42	1.4

3D Medical Centre	15	1.6	7	0.5
Swan Lane Medical Centre	532	9.2	91	1.1
Shanti Medical Centre	375	8.8	43	0.7
St Helens Road Practice	385	8.1	70	1.2
Deane Clinic 1	211	7.9	46	1.2
Rumworth neighbourhood	**2,729**	**7.5**	**499**	**1.0**

The prevalence of dementia across Bolton, as measured by QOF, is recorded as 0.8%. Rumworth neighbourhood has a similar rate at 1.1%, equating to 422 patients within the practices diagnosed with dementia. However, there will be a number of local people currently living with undiagnosed dementia – across Bolton we currently have a diagnosis rate of around 73%. Finally, there are 242 people currently residing in the Rumworth neighbourhood with learning disabilities.

Mental Health Indicators: QOF register prevalence 2015/16				
	Dementia		Learning disabilities	
	Number	(%)	Number	(%)
Deane Medical Centre	46	1.4	16	0.5
Pikes Lane 2	11	0.5	7	0.3
Al-Fal Medical Group	6	0.1	38	0.9
Pikes Lane 1	77	0.9	35	0.4
Olive Family Practice	21	0.7	32	1.0
Orient House Medical Centre	37	1.2	11	0.4
3D Medical Centre	2	0.1	3	0.2
Swan Lane Medical Centre	117	1.5	33	0.4
Shanti Medical Centre	20	0.3	32	0.5
St Helens Road Practice	75	1.2	20	0.3
Deane Clinic 1	10	0.3	15	0.4
Rumworth neighbourhood	**422**	**1.1**	**242**	**0.6**

Mental Health, Dementia and Learning Disabilities (Mar 17)							
	Practice List Size	Dementia			Learning Disabilities		
		Dementia register	Annual reviews	(%) review	LD register	Physical health checks	(%) health checks
Counsell & Partners	**7,865**	77	64	83.1%	32	29	90.6%
Swan Lane Medical	**8,181**	139	134	96.4%	31	26	83.9%
Garnet Fold	**6,125**	79	75	94.9%	19	16	84.2%
Deane Medical	**3,486**	37	37	100.0%	15	12	80.0%
Prasad & Hanif	**6,525**	20	6	30.0%	31	22	71.0%
Orient House Medical	**3,267**	47	36	76.6%	12	5	41.7%
Dakshina-Murthi	**2,119**	11	11	100.0%	6	4	66.7%
Al-Fal Medical	**4,343**	5	5	100.0%	26	22	84.6%

Deane Clinic	3,763	10	8	80.0%	15	13	86.7%
3D Medical	1,526	4	4	100.0%	2	2	100.0%
The Olive Family Practice	3,454	18	16	88.9%	27	24	88.9%
Rumworth neighbourhood	**50,654**	**447**	**396**	**88.6%**	**216**	**175**	**81.0%**

	Practice List Size	Mental Health			Carers		
		MH register	Review / Physical health checks	(%) review / health checks	Carers register	(%) carers of list size	(%) health checks
Counsell & Partners	7,865	75	55	73.3%	197	2.5%	86.8%
Swan Lane Medical	8,181	91	81	89.0%	179	2.2%	94.4%
Garnet Fold	6,125	69	56	81.2%	181	3.0%	81.8%
Deane Medical	3,486	36	33	91.7%	78	2.2%	82.1%
Prasad & Hanif	6,525	45	28	62.2%	99	1.5%	52.5%
Orient House Medical	3,267	46	23	50.0%	65	2.0%	41.5%
Dakshina-Murthi	2,119	16	16	100.0%	48	2.3%	81.3%
Al-Fal Medical	4,343	29	27	93.1%	54	1.2%	66.7%
Deane Clinic	3,763	44	37	84.1%	81	2.2%	18.5%
3D Medical	1,526	8	6	75.0%	35	2.3%	91.4%
The Olive Family Practice	3,454	42	36	85.7%	73	2.1%	82.2%
Rumworth neighbourhood	**50,654**	**501**	**398**	**79.4%**	**1,090**	**2.2%**	**74.6%**

ACORN demographic profile

ACORN is a segmentation tool that group's households based on where they live, and helps to understand the different types of communities that make up a larger population and their likely needs, behaviours and opinions relating to a wide range of topics.

There are two different ACORN segmentations. Both give information about the likely demographics of households, the type of housing they live in, and their socioeconomic status. In addition ACORN gives information about their interests, spending habits and use of the internet while Wellbeing ACORN focuses on topics including likely health conditions experienced, adoption of healthy lifestyle behaviours, and extent of engagement with NHS patient forums.

Approximately 60% of Bolton's population is made up of an even split between the most deprived ACORN categories '4 Financially stretched', and '5 Urban adversity'. A further 40% are evenly split between the middling category '3 Comfortable communities' and most affluent category '1 Affluent achievers'.

A third of the Bolton population falls into the Wellbeing ACORN group '2 At risk'; these neighbourhoods do not generally have high incidences of illness, however multiple unhealthy

behaviours could put their health at risk in the future. Around half of the Bolton population is evenly split between the two more healthy Wellbeing ACORN groups '4 Healthy' and '3 Caution'.

The below table identifies the key geodemographics for the Rumworth neighbourhood and compares these proportionally with the extent to which these communities are found across Bolton as a whole.

ACORN geodemographic breakdown		
ACORN key groups	**Rumworth**	**Bolton**
4.L. Modest Means	42%	18%
5.O. Young Hardship	13%	11%
Wellbeing ACORN key groups		
4.22. Gym & Juices	23%	5%
3.15. Borderline Behaviours	11%	5%
2.9. Everyday Excesses	10%	11%

Summary of the neighbourhood population from key Wellbeing Acorn Types (figures in brackets are Bolton figures):

4.22 Gym & juices 23% (Bolton 5%)	"Young professionals… relatively comfortable… multi-ethnic… some students… some isolation… low illness… low hazardous drinking…"	
3.15 Borderline behaviours 11% (Bolton 5%)	"Future problems… young singles and couples… ethnically diverse… good incomes… metropolitan areas… good health… average alcohol… smoking…"	
2.9 Everyday excesses 10% (Bolton 11%)	"Terraced houses… Young singles and couples… 'doing alright'… semi-routine occupations… lack of adequate heating… high alcohol & smoking… low medication…"	

East

Central

South

South West

South East