



Our journey

Area Profile: Crompton and Halliwell





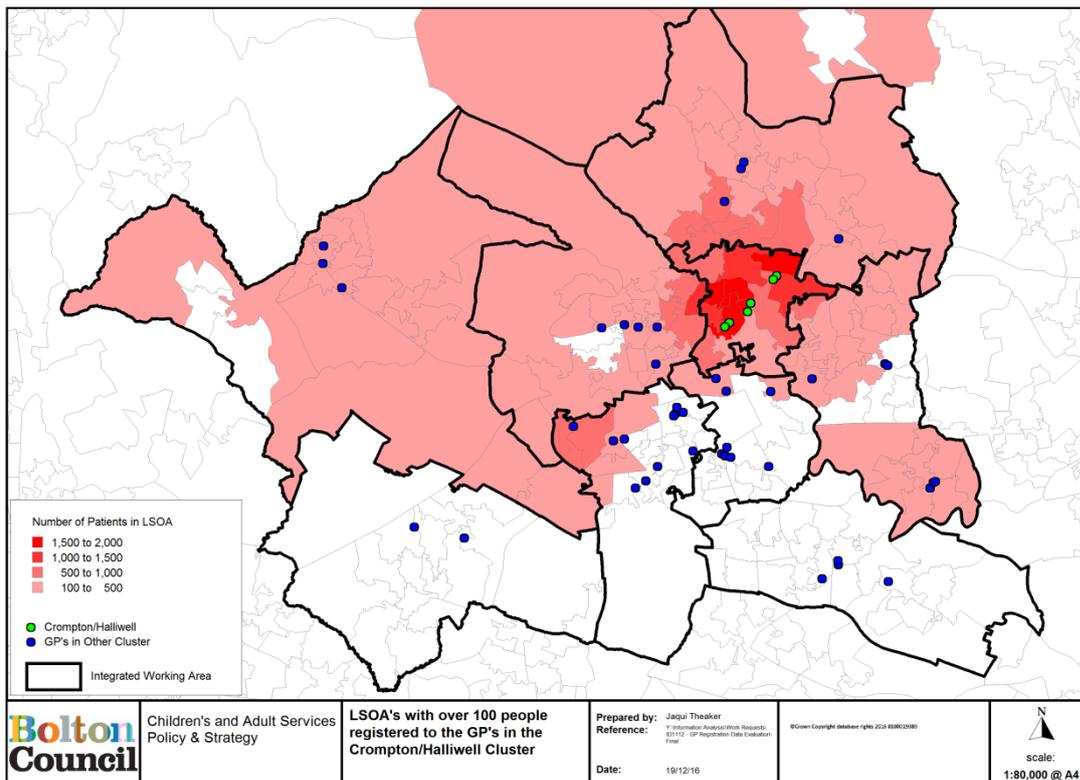
Area Profile: Neighbourhood North East: Crompton and Halliwell

Introduction

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

The present report is for the North East neighbourhood of Crompton/Halliwell which is made up from the following GP practices:

- P82022 – Halliwell Surgery 1
- P82029 – Halliwell Surgery 2
- P82626 – Halliwell Surgery 3
- P82607 – Crompton Health Centre
- P82021 – Kirby-Crompton Health Centre
- P82025 – Burnside Surgery
- P82625 – Charlotte Street Surgery
- Y03079 – BCP Astley Dale



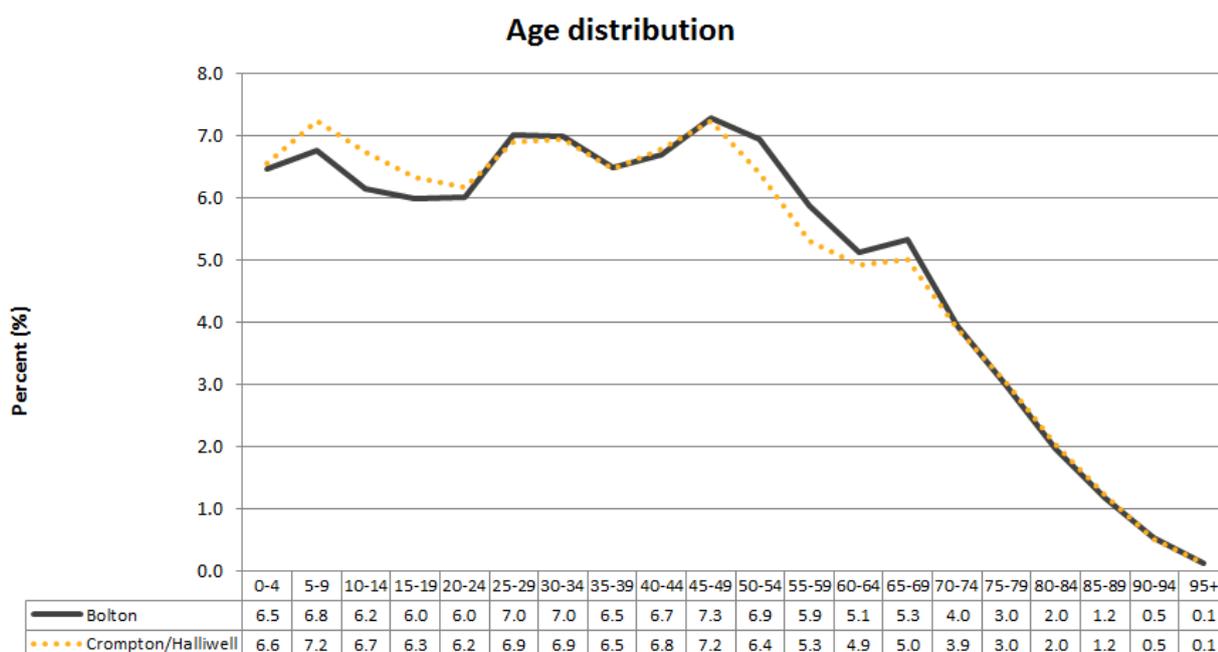
Population



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 average¹.

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 34,105 patients within the Crompton/Halliwell neighbourhood registered at one of their practices, ranging from 2,120 in Charlotte Street Surgery to 6,400 in Kirby-Crompton Health Centre².



Taken as a whole, the age profile of the Crompton/Halliwell neighbourhood does not significantly differ from the Bolton average (as it is not currently possible to disaggregate BCP Astley Dale by age, the following chart excludes Astley Dale).

¹Bolton’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	Halliwell Surgery 1	Halliwell Surgery 2	Halliwell Surgery 3	Crompton View	Kirby-Crompton Health Centre
0-4 years	257	217	308	277	423
5-14 years	643	418	582	653	819
Under 19 years	1,165	865	1,163	1,209	1,620
65+ years	605	558	518	997	1,079
75+ years	235	274	247	415	468
85+ years	63	78	55	115	128
	Burnside Surgery	Charlotte Street Surgery	BCP Astley Dale*	Crompton/Halliwell neighbourhood	
0-4 years	275	184	-	-	
5-14 years	645	371	-	-	
Under 19 years	1,187	737	-	-	
65+ years	817	116	-	-	
75+ years	369	43	-	-	
85+ years	108	7	-	-	

*Not possible to disaggregate

Around 10.7% of households within the neighbourhood are living in overcrowded circumstances – this is notably higher than average for Bolton (6.9%) and the national average (8.7%). This puts the neighbourhood in the top quartile in Bolton for this measure. A fairly average proportion (3.7%) of households in the area do not have central heating, but in many areas of Bolton almost 100% of households have central heating. A very serious issue locally, almost half (47.4%) of all pensioners within the neighbourhood are living alone. This is one of the highest proportions we observe in the town. Finally, within the neighbourhood 1,090 people are currently providing 50 or more hours of unpaid care.

Tenure in Crompton and Halliwell differs significantly from the town overall with a significantly higher number (41.8%) of social rented properties and subsequent lower numbers of owned properties.

Tenure (%)		
	Crompton and Halliwell	Bolton
Owned outright	17.7	30.6
Owned with a mortgage or loan or shared ownership	21.7	33.8
Social rented	41.8	20.5
Private rented or living rent free	18.8	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 9% of adults in the neighbourhood have a degree (or higher) qualification (notably lower than the Bolton average (13%)), while around 35% have no formal qualifications. The unemployment rate in Crompton and Halliwell is currently 5.1%, higher than that seen across Bolton as a whole (2.9%). In addition, 13.4 residents per 1,000 are long-term unemployed (JSA claimants for more than 12 months). This is significantly higher than the local average (6.6 per 1,000) and amongst the highest we observe locally. Net weekly income in the neighbourhood is around £400 which is the lowest level by neighbourhood in Bolton.

The Crompton/Halliwell neighbourhood has a much higher IMD 2015 score (47.8) than is average for Bolton (28.4), reflecting the fact that the neighbourhood contains some of the most deprived Wards in Bolton. For reference, the highest IMD score locally (most deprived) is 61.3 and the lowest (least deprived) is 5.4. This equates to 26.7% of households living in poverty, that is, below 60% of the median income (before housing costs). Again, this is the neighbourhood with the highest level of household poverty in Bolton.

Ethnicity

In Bolton as a whole 18.1% of the population are from Black and Minority Ethnic (BME) communities. The BME community in Crompton/Halliwell neighbourhood is notably higher than average at 28.1%, or 9,585 people.

As is to be expected given the higher than average BME population, there is also a significant number of residents within the Crompton/Halliwell neighbourhood whose main language is not English – 4.2%, or 1,430 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 wellbeing³.

Crompton and Halliwell has one of the highest proportions of low birth weight births (10.0%) in Bolton; for comparison the highest local rate is 12.3% and the lowest is 4.2%. Teenage pregnancy is also an issue with 2.5% of all local deliveries being to a mother under the age of 18. The average across Bolton is 1.6%, putting the neighbourhood amongst the highest in the borough.

Lower than average numbers (44.5%) of local children achieve a good level of development at age 5 in Crompton and Halliwell (Bolton, 54.2%). 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 only 44.6% of local children achieving 5 A*-C including English and Maths. This proportion is some way behind the highest attaining neighbourhood of Bolton (78.2%).

Childhood overweight and obesity levels in Crompton and Halliwell are fairly average at a third (32.5%) of Year 6 children and 18.1% of Reception children - this reflects the national and local picture.

For all A&E attendances under 18 years old, Bolton has a higher rate (362 per 1,000) than we observe in Crompton/Halliwell (300). Within the neighbourhood, practices range from 293 per 1,000 in Halliwell Surgery 1 to 329 per 1,000 in Crompton View.

Child Health: Hospital activity (2012/13 – 2014/15)						
	Halliwell Surgery 1		Halliwell Surgery 2		Halliwell Surgery 3	
	Number	Rate*	Number	Rate*	Number	Rate*
A&E attendances (<18)	947	294	706	306	969	308
Emergency respiratory admissions (<18)	34	6.3	14	3.5	29	5.6
Emergency admissions for asthma, diabetes or epilepsy (<18)	16	3.0	40	10.1	32	6.2
Admissions due to injury (<18)	39	12.1	28	12.1	52	16.5
	Crompton View		Kirby-Crompton Health Centre		Burnside Surgery	
	Number	Rate*	Number	Rate*	Number	Rate*
A&E attendances (<18)	1,087	329	1,322	321	1,048	305
Emergency respiratory admissions (<18)	22	4.0	39	5.9	25	4.2
Emergency admissions for asthma, diabetes or epilepsy (<18)	26	4.7	19	2.9	26	4.3
Admissions due to injury (<18)	66	20.0	82	20.0	42	12.2

³ JSNA Executive Summaries 2014 (Developing Well) - <http://www.boltonshhealthmatters.org/content/jsna-executive-summaries-2014>





	Charlotte Street Surgery		BCP Astley Dale		Crompton/Halliwell neighbourhood	
	Number	Rate*	Number	Rate*	Number	Rate*
A&E attendances (<18)	427	237	782	313	7,288	307
Emergency respiratory admissions (<18)	14	4.8	20	4.4	197	5.1
Emergency admissions for asthma, diabetes or epilepsy (<18)	11	3.7	21	4.5	191	5.6
Admissions due to injury (<18)	18	10.0	32	12.6	359	15.9

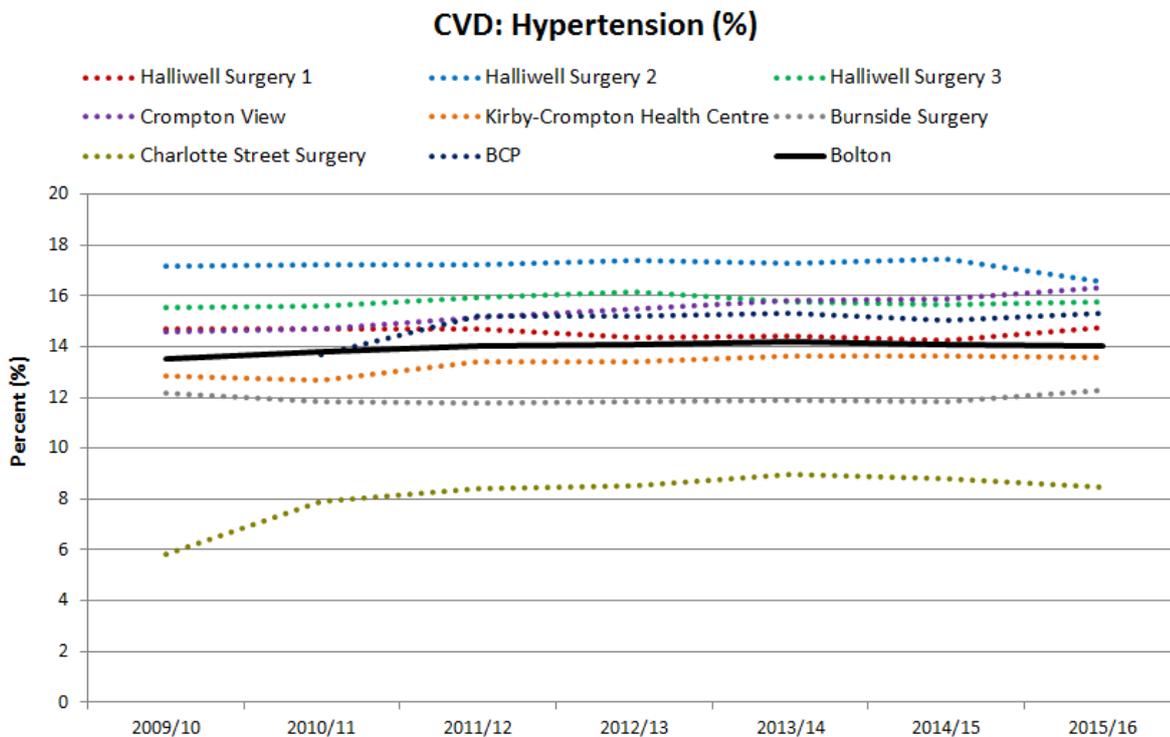
*Rate per 1,000

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 cancer⁴.

CVD/risk factors

Hypertension



⁴ JSNA Executive Summaries (Living Well) - <http://www.boltonshhealthmatters.org/sites/default/files/LIVING%20WELL.pdf>

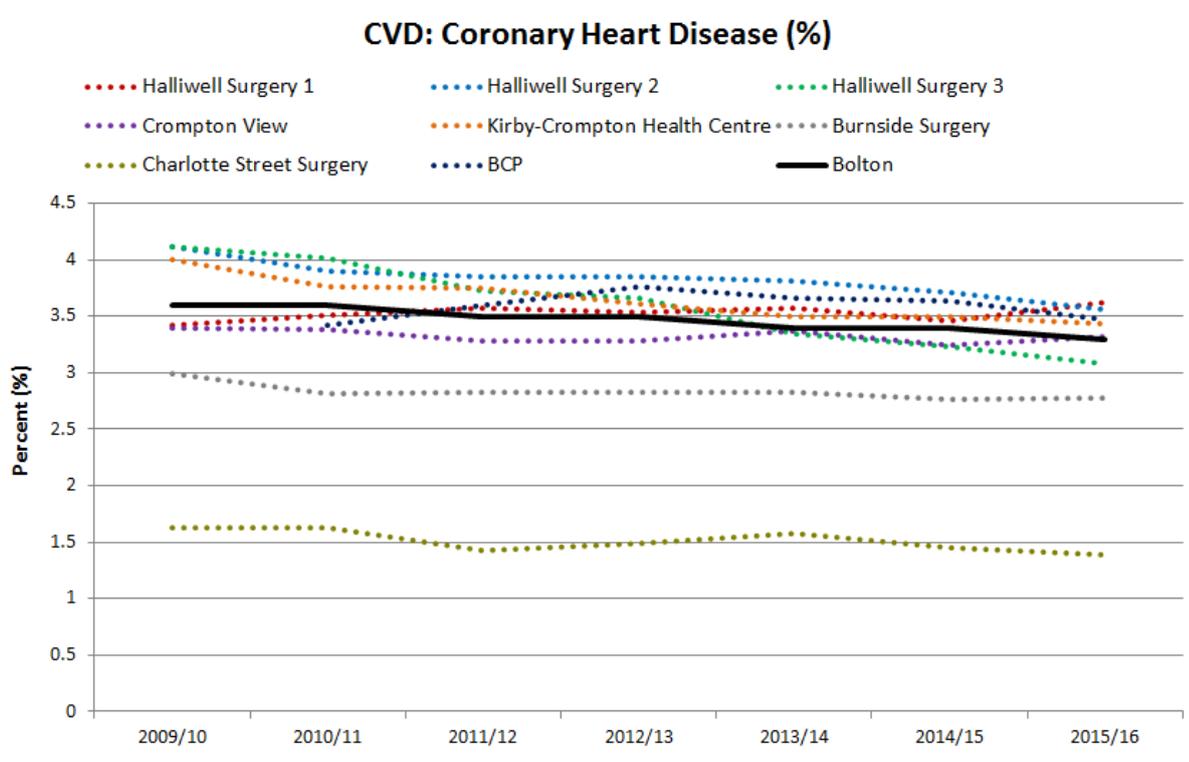




Overall, 22.0% (5,717 people) of Crompton/Halliwell practices have hypertension; this proportion is higher than typical for Bolton (14.0%). There is a notable lower prevalence of hypertension in Charlotte Street Surgery compared to the rest of the Crompton/Halliwell neighbourhood. The population of the neighbourhood, because of deprivation and ethnic make-up, is at higher risk than average for cardiovascular ill health and as such this variation may suggest under-diagnosis in certain practices.

Coronary heart disease (CHD)

Within the Crompton/Halliwell neighbourhood around 1,060 patients registered have CHD. The prevalence for CHD for all ages is 3.3%, which is typical for Bolton (3.3%).



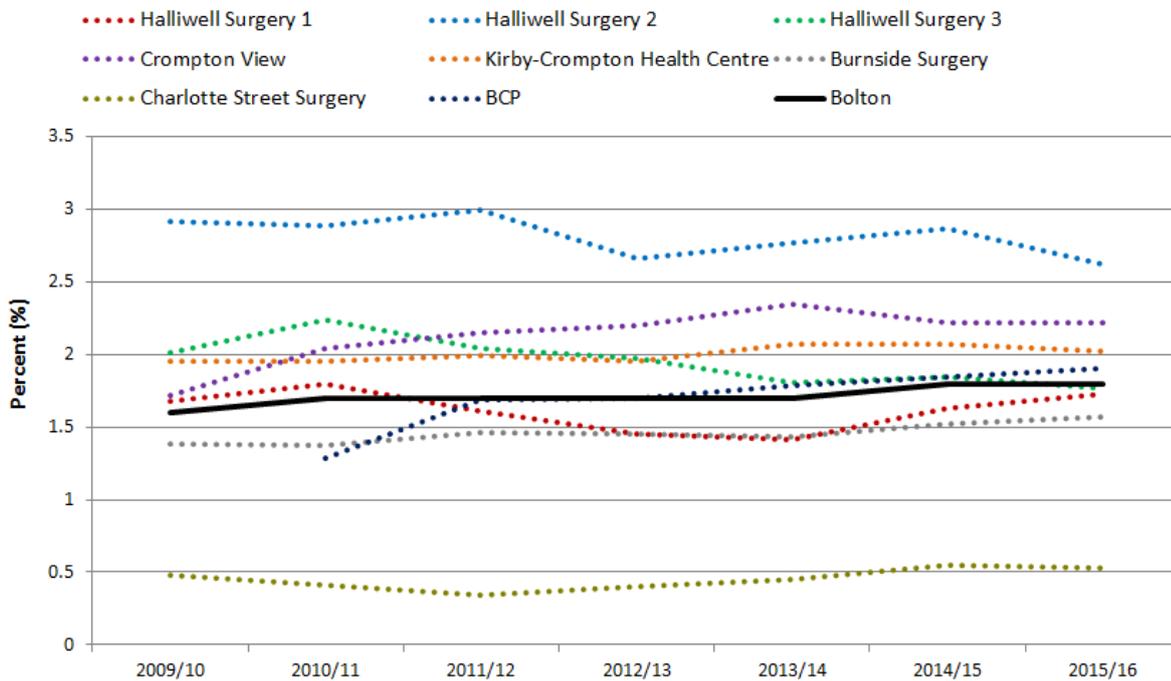
Stroke

The stroke prevalence for Crompton/Halliwell (2.0%) is slightly higher than what we observe in Bolton overall (1.8%) and nationally (1.7%). This equates to 770 people in the Crompton/Halliwell neighbourhood.





CVD: Stroke (%)



Obesity

Crompton/Halliwell (12.7%) is again typical for Bolton (12.2%) when we consider obese patients (aged 18+). This equates to 3,040 obese patients in the 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 illnesses⁶.

Public Health England (PHE) estimates the national smoking prevalence to currently be 18.1% with Bolton having the somewhat higher rate of 20.5%. Crompton/Halliwell neighbourhood again has an estimated prevalence (22.4%) similar to the Bolton average, equating to 5,719 people.

⁵ National General Practice Profiles - <http://fingertips.phe.org.uk/PROFILE/GENERAL-PRACTICE>

⁶ Respiratory Disease JSNA Chapter - <http://www.boltonshhealthmatters.org/content/respiratory-disease-jsna>





Heart failure and atrial fibrillation

Crompton/Halliwell has similar levels of heart failure (0.8%) and atrial fibrillation (1.8%) to Bolton (0.8%, 1.5%).

CVD (2015/16)						
	Halliwell Surgery 1		Halliwell Surgery 2		Halliwell Surgery 3	
	Number	Rate*	Number	Rate*	Number	Rate*
Hypertension	709	22.1	841	30.4	785	25.5
CHD	149	3.6	121	3.6	122	3.1
Stroke	71	1.7	89	2.6	70	1.8
Obesity (18+)	433	14.3	392	14.9	352	12.1
Smoking	709	22.1	841	30.4	785	25.5
Heart Failure	47	1.1	45	1.3	29	0.7
Atrial Fibrillation	63	1.5	62	1.8	56	1.4
	Crompton View		Kirby-Crompton Health Centre		Burnside Surgery	
	Number	Rate*	Number	Rate*	Number	Rate*
Hypertension	933	23.1	925	19.1	751	18.8
CHD	165	3.3	209	3.4	136	2.8
Stroke	110	2.2	123	2.0	77	1.6
Obesity (18+)	635	16.5	444	9.6	361	9.5
Smoking	933	23.1	925	19.1	751	18.8
Heart Failure	49	1.0	24	0.4	27	0.6
Atrial Fibrillation	120	2.4	119	2.0	60	1.2
	Charlotte Street Surgery		BCP Astley Dale		Crompton/Halliwell neighbourhood	
	Number	Rate*	Number	Rate*	Number	Rate*
Hypertension	188	12.2	585	15.3	5,717	22.0
CHD	29	1.4	132	3.5	1,063	3.3
Stroke	11	0.5	221	1.9	772	2.0
Obesity (18+)	111	7.8	313	10.5	3,041	12.7
Smoking	188	12.2	587	19.0	5,719	22.4
Heart Failure	8	0.4	23	0.6	252	0.9
Atrial Fibrillation	6	0.3	58	1.5	544	1.8

CVD (Mar 17)							
	Practice List Size	High Risk CVD Review			Heart Failure with LVD		
		PP Register (>20% Risk)	On PP reg had annual review	(%) had annual review	LVD Register	HF Register	LVD Prev of HF Register
Kirby-Crompton Health Centre	6,475	75	61	81.3%	12	28	42.9%





Halliwell Surgery 1	4,179	107	77	72.0%	34	48	70.8%
Burnside Surgery	4,945	104	68	65.4%	9	22	40.9%
Halliwell Surgery 2	3,463	93	76	81.7%	36	46	78.3%
Crompton Health Centre	5,138	112	82	73.2%	36	60	60.0%
Charlotte Street Surgery	2,136	12	11	91.7%	8	10	80.0%
Halliwell Surgery 3	4,114	102	84	82.4%	28	34	82.4%
BCP Astley Dale	3,926	85	60	70.5%	13	26	48.1%
Crompton/Halliwell neighbourhood	34,376	690	519	75.2%	176	274	64.1%

	Practice List Size	Atrial Fibrillation					
		AF Register	(%) Non SMK	(%) Pulse rate	(%) CHA2Ds2	(%) HAS BLED	(%) ANTI COAG
Kirby-Crompton Health Centre	6,475	122	94.3%	92.6%	98.4%	91.0%	77.9%
Halliwell Surgery 1	4,179	65	89.2%	84.6%	92.3%	12.3%	10.8%
Burnside Surgery	4,945	74	87.8%	58.1%	32.4%	23.0%	21.6%
Halliwell Surgery 2	3,463	59	86.4%	98.3%	98.3%	98.3%	76.3%
Crompton Health Centre	5,138	126	90.5%	95.2%	57.1%	57.1%	50.0%
Charlotte Street Surgery	2,136	5	100.0%	80.0%	100.0%	80.0%	60.0%
Halliwell Surgery 3	4,114	53	90.6%	88.7%	98.1%	86.8%	77.4%
BCP Astley Dale	3,926	72	90.0%	91.4%	88.2%	85.0%	71.8%
Crompton/Halliwell neighbourhood	34,376	576	90.4%	87.8%	78.9%	65.5%	55.9%

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 Crompton/Halliwell (2.3%) follows closely that seen across Bolton (2.2%).

Cancer prevalence for all ages (2015/16)		
	Number	(%)
Halliwell Surgery 1	71	1.7
Halliwell Surgery 2	88	2.6
Halliwell Surgery 3	82	2.1
Crompton View	113	2.3
Kirby-Crompton Health Centre	148	2.4
Burnside Surgery	105	2.1
Charlotte Street Surgery	6	0.3





BCP Astley Dale	95	2.5
Crompton/Halliwell neighbourhood	708	2.3

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
Kirby-Crompton Health Centre	6,475	781	578	74.0%	949	586	61.7%
Halliwell Surgery 1	4,179	398	267	67.1%	531	238	44.8%
Burnside Surgery	4,945	577	410	71.1%	716	388	54.2%
Halliwell Surgery 2	3,463	350	266	76.0%	422	209	49.5%
Crompton Health Centre	5,138	608	447	73.5%	813	472	58.1%
Charlotte Street Surgery	2,136	165	89	53.9%	154	30	19.5%
Halliwell Surgery 3	4,114	393	239	60.8%	432	207	47.9%
BCP Astley Dale	3,926	475	298	62.9%	587	324	55.2%
Crompton/Halliwell neighbourhood	34,376	3,747	2,594	69.2%	4,604	2,454	53.3%

	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
Kirby-Crompton Health Centre	6,475	1,055	807	76.5%	482	372	77.2%
Halliwell Surgery 1	4,179	712	351	49.3%	281	185	65.8%
Burnside Surgery	4,945	836	498	59.6%	386	287	74.4%
Halliwell Surgery 2	3,463	525	303	57.7%	278	174	62.6%
Crompton Health Centre	5,138	856	534	62.4%	412	277	67.2%
Charlotte Street Surgery	2,136	359	151	42.1%	126	91	72.2%
Halliwell Surgery 3	4,114	683	371	54.3%	288	182	63.2%
BCP Astley Dale	3,926	650	388	59.7%	306	227	74.1%
Crompton/Halliwell neighbourhood	34,376	5,676	3,403	60.0%	2,559	1,795	70.1%

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 Crompton/Halliwell neighbourhood again mirrors the Bolton picture with 6.6% of the practice population on the asthma disease register; equating to around 2,165 patients.

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 Crompton/Halliwell neighbourhood (2.7%) is slightly higher than what we observe across Bolton (2.3%).

Asthma/COPD prevalence for all ages (2015/16)				
	Asthma		COPD	
	Number	(%)	Number	(%)
Halliwell Surgery 1	302	7.4	93	2.3
Halliwell Surgery 2	242	7.1	141	4.1
Halliwell Surgery 3	266	6.7	117	3.0
Crompton View	342	6.9	145	2.9
Kirby-Crompton Health Centre	395	6.5	128	2.1
Burnside Surgery	288	5.9	102	2.1
Charlotte Street Surgery	88	4.2	12	0.6
BCP Astley Dale	242	6.3	90	2.4
Crompton/Halliwell neighbourhood	2,165	6.6	828	2.7

Asthma (Mar 17)								
	Practice List Size	List size ≥ 5 <12 yrs	Asthma Register	Child Asthma (5-11 years)				
				(%) Passive SMK Advice	(%) Mng Plan	(%) Trigger Fact	(%) Asthma Control test	(%) Inhaler Tech Good
Kirby-Crompton Health Centre	6,475	709	33	60.6%	54.5%	63.6%	54.5%	54.5%

⁷ Respiratory Disease JSNA Chapter - <http://www.boltonshhealthmatters.org/content/respiratory-disease-jsna>





Halliwell Surgery 1	4,179	524	32	25.0%	59.4%	46.9%	43.8%	56.3%
Burnside Surgery	4,945	563	32	53.1%	56.3%	53.1%	53.1%	56.3%
Halliwell Surgery 2	3,463	372	13	92.3%	76.9%	69.2%	61.5%	69.2%
Crompton Health Centre	5,138	557	29	82.8%	86.2%	75.9%	86.2%	89.7%
Charlotte Street Surgery	2,136	310	10	70.0%	70.0%	70.0%	70.0%	70.0%
Halliwell Surgery 3	4,114	487	37	62.2%	64.9%	62.2%	64.9%	64.9%
BCP Astley Dale	3,926	419	20	53.3%	48.3%	35.0%	60.0%	45.0%
Crompton/Halliwell neighbourhood	34,376	3,941	206	59.1%	63.4%	58.8%	60.7%	62.6%

	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
Kirby-Crompton Health Centre	6,475	5,391	382	89.8%	67.8%	76.4%	68.1%	69.1%
Halliwell Surgery 1	4,179	3,444	280	78.2%	60.4%	66.4%	59.6%	64.3%
Burnside Surgery	4,945	4,168	278	86.0%	64.4%	61.2%	64.0%	64.4%
Halliwell Surgery 2	3,463	2,915	236	75.4%	69.5%	75.8%	64.0%	72.5%
Crompton Health Centre	5,138	4,365	321	83.8%	76.0%	82.6%	78.2%	77.3%
Charlotte Street Surgery	2,136	1690	76	96.1%	69.7%	67.1%	65.8%	65.8%
Halliwell Surgery 3	4,114	3373	243	79.4%	69.1%	70.8%	68.7%	68.7%
BCP Astley Dale	3,926	3,317	242	85.2%	58.0%	61.4%	60.4%	57.3%
Crompton/Halliwell neighbourhood	34,376	28,663	2,058	83.6%	66.9%	71.1%	66.6%	67.9%

COPD (Mar 17)								
	Practice List Size	COPD						
		COPD Register	(%) Non SMK	(%) Mng Plan	(%) Inhaler Tech Good	(%) Predicted Fev1	(%) screened	(%) Pulse O2
Kirby-Crompton Health Centre	6,475	141	73.8%	85.1%	83.0%	82.3%	85.1%	85.8%
Halliwell Surgery 1	4,179	91	53.8%	59.3%	53.8%	34.1%	60.4%	68.1%
Burnside Surgery	4,945	100	69.0%	77.0%	75.0%	73.0%	73.0%	88.0%
Halliwell Surgery 2	3,463	143	53.8%	86.7%	83.2%	82.5%	80.4%	87.4%
Crompton Health Centre	5,138	153	56.9%	89.5%	81.7%	65.4%	91.5%	92.8%
Charlotte Street Surgery	2,136	11	90.9%	81.8%	90.9%	63.6%	81.8%	90.9%
Halliwell Surgery 3	4,114	121	55.4%	84.3%	82.6%	83.5%	84.3%	85.1%
BCP Astley Dale	3,926	96	67.0%	68.7%	67.7%	71.1%	71.5%	81.4%
Crompton/Halliwell neighbourhood	34,376	856	61.6%	80.5%	77.1%	71.8%	79.7%	85.2%

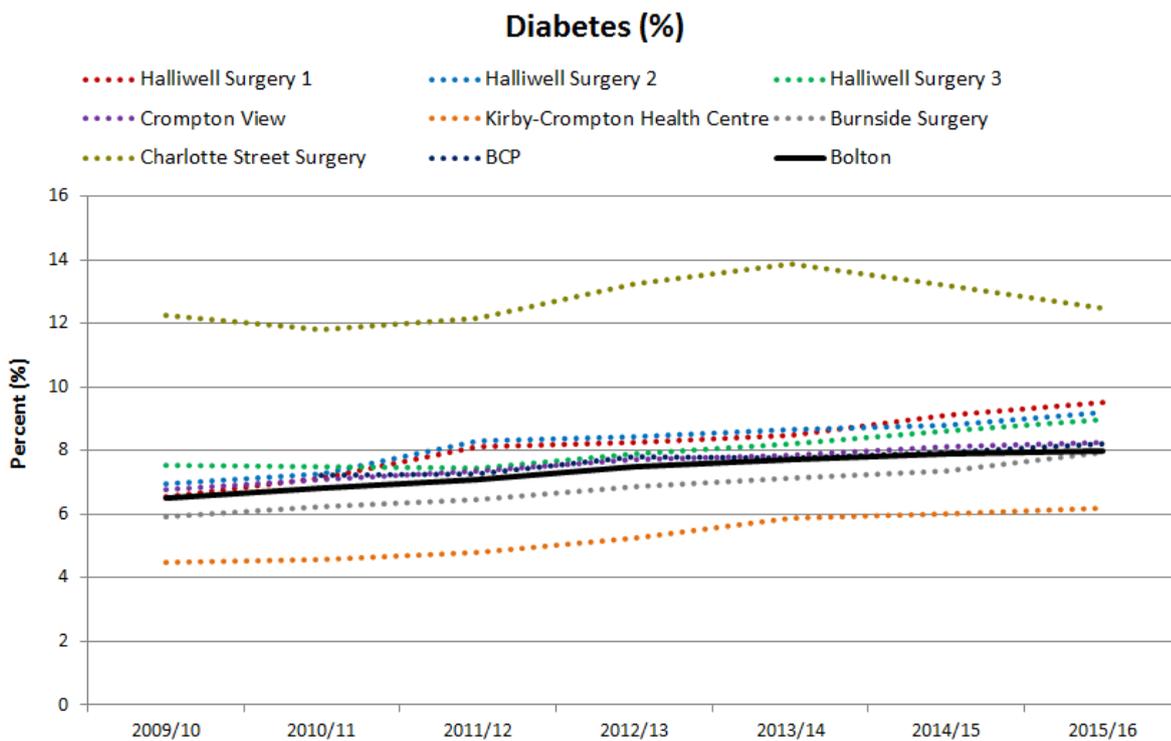




Diabetes

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 Crompton/Halliwell (8.7%) neighbourhood is almost one percentage point higher than Bolton (8.0%). The practices combined have 2,160 patients on their register; however the number of people estimated to be diabetic is higher. Evidence suggests that being of South Asian ethnicity increases the likelihood of developing diabetes and given the high proportion of BME residents we would expect prevalence of diabetes to be higher still⁸.



Chronic kidney disease (CKD)

The main cause of chronic kidney disease is diabetes. Crompton/Halliwell as a whole has a prevalence of 6.4% which equates to 1,560 people – this accounts for 70% of the diabetes register in the neighbourhood.

⁸ Nomis official labour market statistics - <https://www.nomisweb.co.uk/>





Diabetes/CKD prevalence for patients aged 18+ (2015/16)				
	Diabetes		CKD	
	Number	(%)	Number	(%)
Halliwell Surgery 1	294	9.5	195	6.4
Halliwell Surgery 2	247	9.2	211	8.0
Halliwell Surgery 3	266	9.0	189	6.5
Crompton View	322	8.3	279	7.2
Kirby-Crompton Health Centre	291	6.2	283	6.1
Burnside Surgery	308	7.9	200	5.2
Charlotte Street Surgery	184	12.5	41	2.9
BCP Astley Dale	248	8.2	159	5.4
Crompton/Halliwell neighbourhood	2,160	8.7	1557	6.4

Diabetes (Mar 17)						
	Practice List Size	Diabetes 9 care processes				
		DM Register size	(%) non smk	(%) BP ≤ 145/85	(%) Chol ≤ 5mmol/l	(%) HbA1c ≤ 53 mmol
Kirby-Crompton Health Centre	6,475	322	86.0%	90.1%	65.5%	48.1%
Halliwell Surgery 1	4,179	309	83.8%	84.5%	55.7%	51.1%
Burnside Surgery	4,945	324	88.0%	91.4%	71.3%	61.4%
Halliwell Surgery 2	3,463	252	81.0%	91.3%	70.2%	49.2%
Crompton Health Centre	5,138	335	83.3%	93.1%	77.9%	66.6%
Charlotte Street Surgery	2,136	184	92.4%	80.4%	58.7%	50.5%
Halliwell Surgery 3	4,114	292	85.6%	89.7%	74.0%	55.1%
BCP Astley Dale	3,926	250	86.9%	81.8%	65.4%	55.9%
Crompton/Halliwell Neighbourhood	34,376	2,268	85.6%	88.3%	67.9%	55.2%

	Practice List Size	Diabetes 9 care processes				
		(%) ACR re	(%) DM_BMI (22K)	(%) DM_RET	(%) DM_FOOT	(%) DM_CRE
Kirby-Crompton Health Centre	6,475	63.7%	88.8%	70.2%	67.1%	96.0%
Halliwell Surgery 1	4,179	62.1%	79.9%	75.7%	76.7%	87.4%
Burnside Surgery	4,945	83.0%	89.8%	41.7%	62.7%	96.6%
Halliwell Surgery 2	3,463	74.2%	92.1%	76.2%	76.2%	90.5%
Crompton Health Centre	5,138	77.6%	93.7%	71.3%	72.2%	96.4%
Charlotte Street Surgery	2,136	58.7%	91.3%	85.3%	89.7%	92.9%
Halliwell Surgery 3	4,114	72.9%	90.4%	66.4%	74.3%	96.6%
BCP Astley Dale	3,926	70.3%	82.2%	79.4%	78.4%	92.1%
Crompton/Halliwell Neighbourhood	34,376	71.0%	88.5%	69.5%	73.5%	93.7%





Admissions

Crompton and Halliwell experiences 45% more emergency admissions than is average for England and 30% more than typical for Bolton. In general, admissions in the neighbourhood across all the main disease areas are considerably higher than England and Bolton.

The neighbourhood stands out in particular for COPD admissions, which are 141% higher than England and double that of Bolton. The neighbourhood also stands out for lung cancer, self-harm, and CHD in particular.

Standardised admissions ratios					
	Crompton and Halliwell	Bolton average	Bolton best	Bolton worst	England
Emergency Admissions, All Causes SAR	145	115	77	160	100
Emergency Admissions, Coronary Heart Disease SAR	184	127	60	275	100
Emergency Admissions, Stroke SAR	145	119	76	197	100
Emergency Admissions, Chronic Obstructive Pulmonary Disease (COPD) SAR	241	127	37	320	100
Incidence of all cancers SIR	115	100	77	128	100
Incidence of breast cancer SIR	87	93	58	123	100
Incidence of colorectal cancer SIR	118	100	51	152	100
Incidence of lung cancer SIR	189	115	44	244	100
Hospital stays for intentional self harm SAR	187	119	33	271	100
Hospital Admissions for Alcohol Attributable Harm (narrow definition) SAR	152	106	58	207	100
Emergency Admissions, Hip Fracture in 65+ SAR	103	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 in Crompton/Halliwell (10.2%) is just higher than typical for Bolton (9.1%), with a register size of 2,400. 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%. Crompton/Halliwell neighbourhood has a similar rate at 1.1%, equating to 330 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	(%)
Halliwell Surgery 1	375	12.4	49	1.2
Halliwell Surgery 2	260	9.9	55	1.6
Halliwell Surgery 3	254	8.7	48	1.2
Crompton View	482	12.5	33	0.7
Kirby-Crompton Health Centre	469	10.1	38	0.6
Burnside Surgery	310	8.1	52	1.1
Charlotte Street Surgery	23	1.6	11	0.5
BCP Astley Dale	224	7.5	45	1.2
Crompton/Halliwell neighbourhood	2,397	10.2	331	1.1

The prevalence of dementia across Bolton, as measured by QOF, is recorded as 0.8%. Crompton and Halliwell neighbourhood has a similar rate at 0.9%, equating to 260 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 175 people currently residing in the Crompton and Halliwell neighbourhood with learning disabilities.

Mental Health Indicators: QOF register prevalence 2015/16				
	Dementia		Learning disability	
	Number	(%)	Number	(%)
Halliwell Surgery 1	23	0.6	26	0.6
Halliwell Surgery 2	43	1.3	33	1.0
Halliwell Surgery 3	30	0.8	29	0.7
Crompton View	54	1.1	18	0.4
Kirby-Crompton Health Centre	46	0.8	25	0.4
Burnside Surgery	35	0.7	16	0.3
Charlotte Street Surgery	2	0.1	10	0.5
BCP Astley Dale	27	0.7	18	0.5
Crompton/Halliwell neighbourhood	260	0.9	175	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
Kirby-Crompton Health Centre	6,475	49	43	87.8%	24	20	83.3%
Halliwell Surgery 1	4,179	26	10	38.5%	22	14	63.6%
Burnside Surgery	4,945	42	40	95.2%	18	13	72.2%
Halliwell Surgery 2	3,463	34	34	100.0%	29	27	93.1%
Crompton Health Centre	5,138	55	53	96.4%	17	16	94.1%
Charlotte Street Surgery	2,136	2	1	50.0%	9	8	88.9%
Halliwell Surgery 3	4,114	30	26	86.7%	32	26	81.3%
BCP Astley Dale	3,926	32	31	97.9%	16	14	83.7%
Crompton/Halliwell Neighbourhood	34,376	270	238	88.3%	167	138	82.3%

	Practice List Size	Mental Health			Carers		
		MH register	Review / Physical health checks	(%) review / health checks	Carers register	(%) carers of list size	(%) health checks
Kirby-Crompton Health Centre	6,475	41	31	75.6%	133	2.1%	60.9%
Halliwell Surgery 1	4,179	50	31	62.0%	109	2.6%	67.9%
Burnside Surgery	4,945	54	30	55.6%	111	2.2%	71.2%
Halliwell Surgery 2	3,463	62	56	90.3%	87	2.5%	87.4%
Crompton Health Centre	5,138	33	26	78.8%	114	2.2%	64.9%
Charlotte Street Surgery	2,136	11	11	100.0%	40	1.9%	90.0%
Halliwell Surgery 3	4,114	52	47	90.4%	96	2.3%	84.4%
BCP Astley Dale	3,926	44	38	85.8%	92	2.3%	78.6%
Crompton/Halliwell Neighbourhood	34,376	347	270	77.7%	782	2.3%	73.3%

ACORN demographic profile

ACORN is a segmentation tool that groups 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 Crompton and Halliwell neighbourhood and compares these proportionally with the extent to which these communities are found across Bolton as a whole.

ACORN geodemographic breakdown		
	Crompton and Halliwell	Bolton
4.L. Modest means	27.0%	18.0%
5.Q. Difficult Circumstances	22.0%	7.0%
Wellbeing ACORN key groups		
1.3. Hardship Heartlands	19.0%	8.0%
4.22. Gym & Juices	16.0%	5.0%
2.7. Struggling Smokers	12.0%	7.0%





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

<p>1.3 Hardship heartlands</p> <p>19% (Bolton 8%)</p>	<p>“Social renters... relatively young... long term unemployed... drinking in excess... eat fruit and veg... unhealthy lifestyle... anxiety and depression... high exposure to health services...”</p>	
<p>4.22 Gym & juices</p> <p>16% (Bolton 5%)</p>	<p>“Young professionals... relatively comfortable... multi-ethnic... some students... some isolation... low illness... low hazardous drinking...”</p>	
<p>2.7 Struggling smokers</p> <p>12% (Bolton 7%)</p>	<p>“Younger adults... benefits... routine occupations... high expenditure on tobacco... hazardous drinking... respiratory conditions...”</p>	



