



Our journey

# Area Profile: Horwich



# Area Profile: Neighbourhood West: Horwich

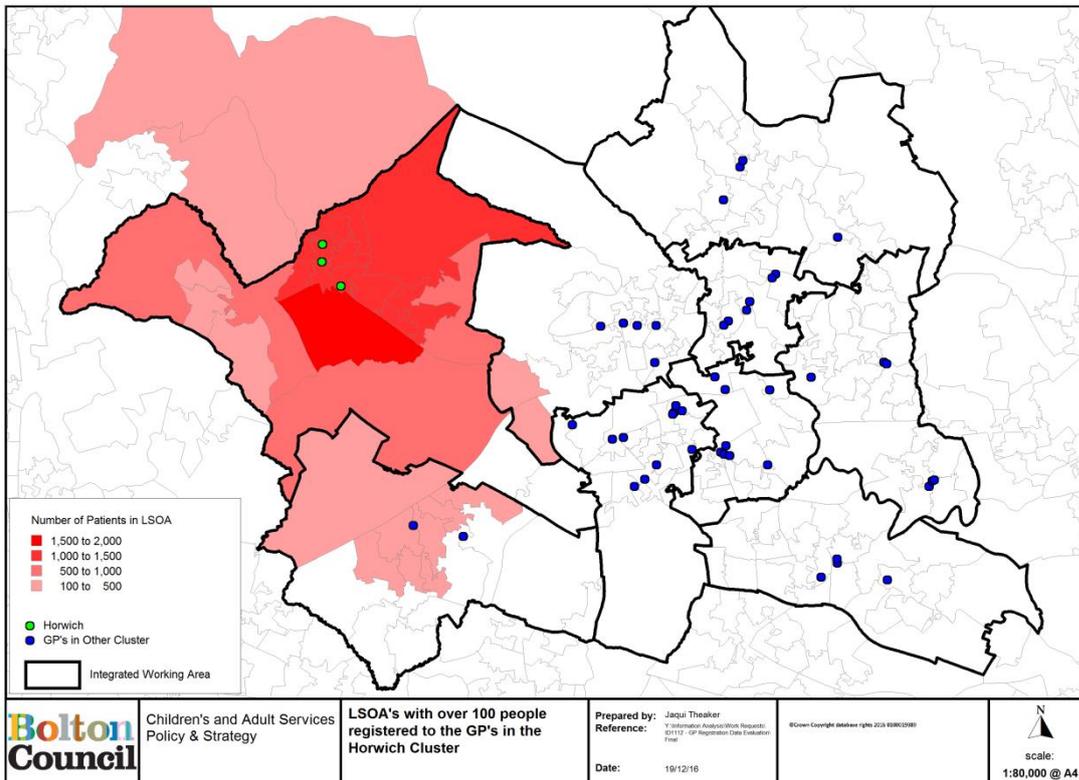


## Introduction

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

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

- Y03079 – BCP Market Surgery
- P82006 – Pike View Medical Centre
- P82003 – Kildonan House
- Y03079 – BCP Ladybridge



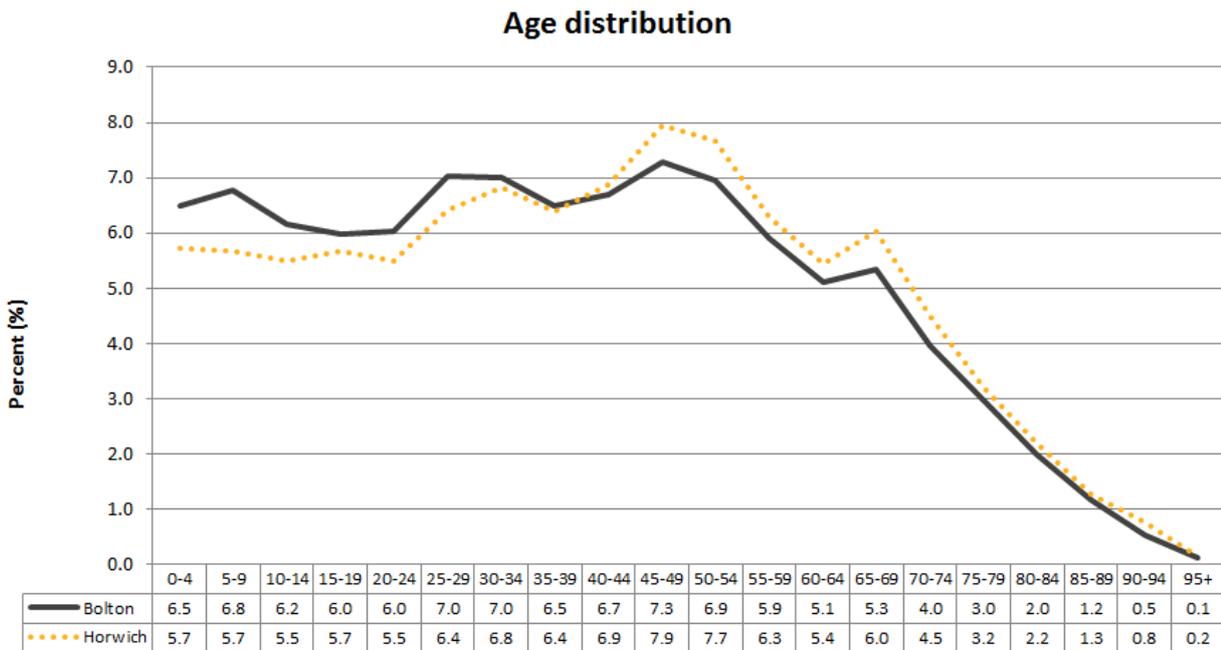
# Population



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<sup>1</sup>.

The proportion of children in Bolton is slightly higher than 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 28,835 patients within the Horwich neighbourhood registered at one of their practices, ranging from 2,196 in BCP Market Surgery to 14,981 in Kildonan House<sup>2</sup>.



Taken as a whole the Horwich neighbourhood (excluding the BCP practices) has a very slightly older list than is average for Bolton practices; 18% of patients are aged 65+ compared to 16% across Bolton.

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





Resident population by key Census age groups					
Age	BCP Market Surgery[1]	Pike View Medical Centre	Kildonan House	BCP Ladybridge[2]	Horwich neighbourhood
0-4 years	-	396	887	-	-
5-14 years	-	868	1,641	-	-
Under 19 years	-	1,724	3,339	-	-
65+ years	-	1,473	2,583	-	-
75+ years	-	641	1,052	-	-
85+ years	-	198	291	-	-

[1] Not possible to disaggregate.

[2] Not possible to disaggregate.

Around 3.3% of households within the neighbourhood are living in overcrowded circumstances – this is lower than typical for Bolton (6.9%) and the national average (8.7%) and much lower than the most overcrowded area in Bolton (17.7%). A fairly average proportion (3%) of households in the area do not have central heating, but in many areas of Bolton almost 100% of households have central heating. Furthermore, almost exactly a third (31.2%) of all pensioners within the neighbourhood are living alone. Finally, within the neighbourhood 750 people are currently providing 50 or more hours of unpaid care.

Tenure in Horwich shows higher proportions of ownership (both outright and with a mortgage) and a significantly lower proportion of social rented housing.

Tenure (%)		
	Halliwell	Bolton
Owned outright	35.1	30.6
Owned with a mortgage or loan or shared ownership	40.0	33.8
Social rented	12.8	20.5
Private rented or living rent free	12.1	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 16% of adults in the neighbourhood have a degree (or higher) qualification (higher than the Bolton average (13%)), while around 22% have no formal qualifications. The unemployment





rate in Horwich is currently 1.6%, lower than that seen across Bolton as a whole (2.9%). In addition, 3.1 residents per 1,000 are long-term unemployed (JSA claimants for more than 12 months). Again this is lower than the local average (6.6 per 1,000). Net weekly income in the neighbourhood is around £550 which is again higher than the Bolton average at around £500.

The Horwich neighbourhood has a much lower IMD 2015 score (17.6) than is average for Bolton (28.4), reflecting the fact that Horwich is one of the lesser deprived areas of Bolton. This equates to 14.8% 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 GP practices making up the Horwich neighbourhood all have a much lower proportion of people from BME backgrounds, as do the Wards within these boundaries. Overall, the Horwich neighbourhood has a BME population of 4.3% which equates to around 1,240 people.

As is to be expected given the smaller than average BME population, there are few local residents within the Horwich neighbourhood whose main language is not English – 0.4%, or 115 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<sup>3</sup>.

Horwich has a typical proportion of low birth weight births (7.0%) for Bolton; for comparison the highest local rate is 12.3% and the lowest is 4.2%. Teenage pregnancy is less of an issue with 0.4% 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 lowest in the borough.

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





A high proportion (66.1%) of local children achieve a good level of development at age 5 in Horwich (Bolton, 54.2%). This is also higher than the national average (60.4%). This pattern continues for local GCSE attainment, with 71.2% of local children achieving 5 A\*-C including English and Maths. This proportion is well ahead of the local (56.4%) and national (56.6%) averages and is one of the highest performing areas in Bolton.

Levels of childhood overweight and obesity in Horwich are typical for Bolton. Obesity and overweight is currently 19.2% in Reception children (20.5%, Bolton) and 33.1% in Year 6 children (34.5%, Bolton).

For all A&E attendances under 18 years old, Bolton has a higher rate (362 per 1,000) than the Horwich neighbourhood (314). All practices within Horwich are lower than typical for Bolton. Horwich's rate of child admissions shows a broadly similar pattern to that seen locally but with a lower rate in each case.

Child Health: Hospital activity (2012/13 – 2014/15)						
	BCP Market Surgery		Pike View Medical Centre		Kildonan House	
	Number	Rate*	Number	Rate*	Number	Rate*
A&E attendances (<18)	433	313	1,643	348	2,575	294
Emergency respiratory admissions (<18)	11	4.4	39	4.9	63	4.4
Emergency admissions for asthma, diabetes or epilepsy (<18)	12	4.5	18	2.3	48	3.4
Admissions due to injury (<18)	18	12.6	67	14.2	107	12.2
	BCP Ladybridge		Horwich neighbourhood		Bolton	
	Number	Rate*	Number	Rate*	Rate*	
A&E attendances (<18)	776	313	5,427	314	362	
Emergency respiratory admissions (<18)	20	4.4	134	4.5	4.9	
Emergency admissions for asthma, diabetes or epilepsy (<18)	21	4.5	99	3.5	3.6	
Admissions due to injury (<18)	31	12.6	223	12.9	13.7	

\*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

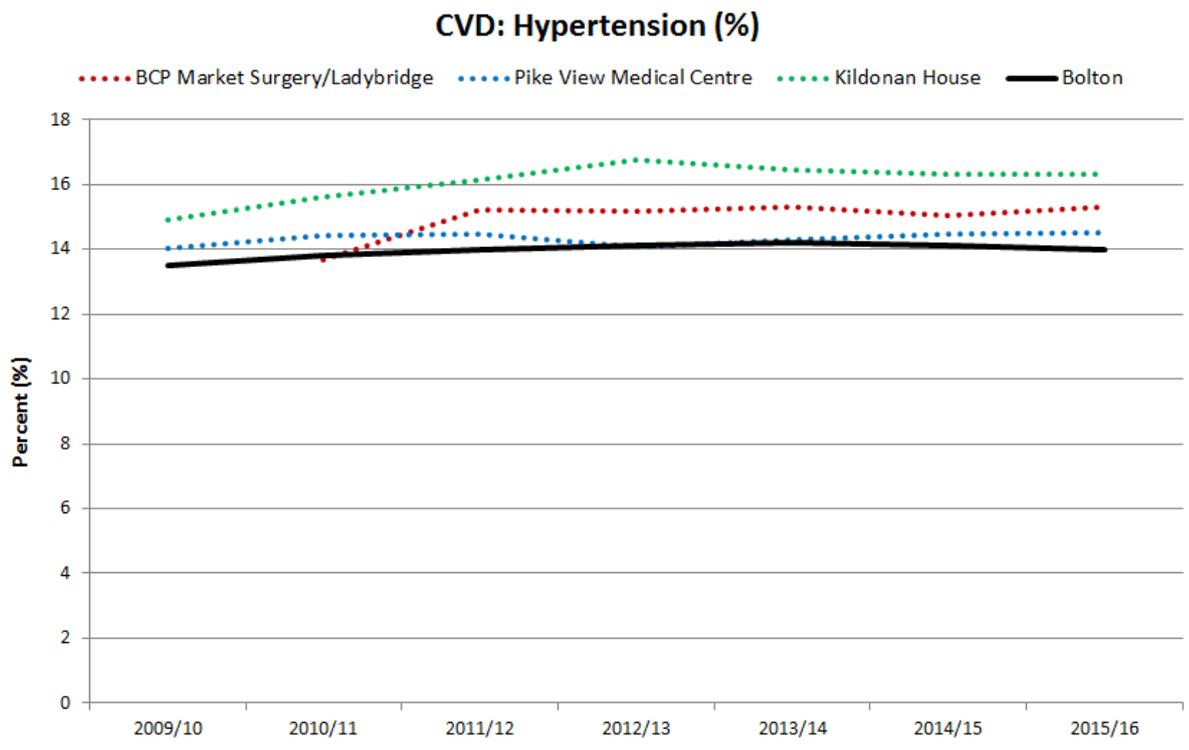




increasing in Bolton are diabetes, which is increasing in line with obesity, liver disease as a result of alcohol misuse, and skin cancer<sup>4</sup>.

## CVD/risk factors

### Hypertension



Overall, 15.7% (4,429 people) of Horwich practices have hypertension; this proportion is just above average for Bolton (14.0%) and all practices within the neighbourhood have a similar prevalence.

### Coronary heart disease (CHD)

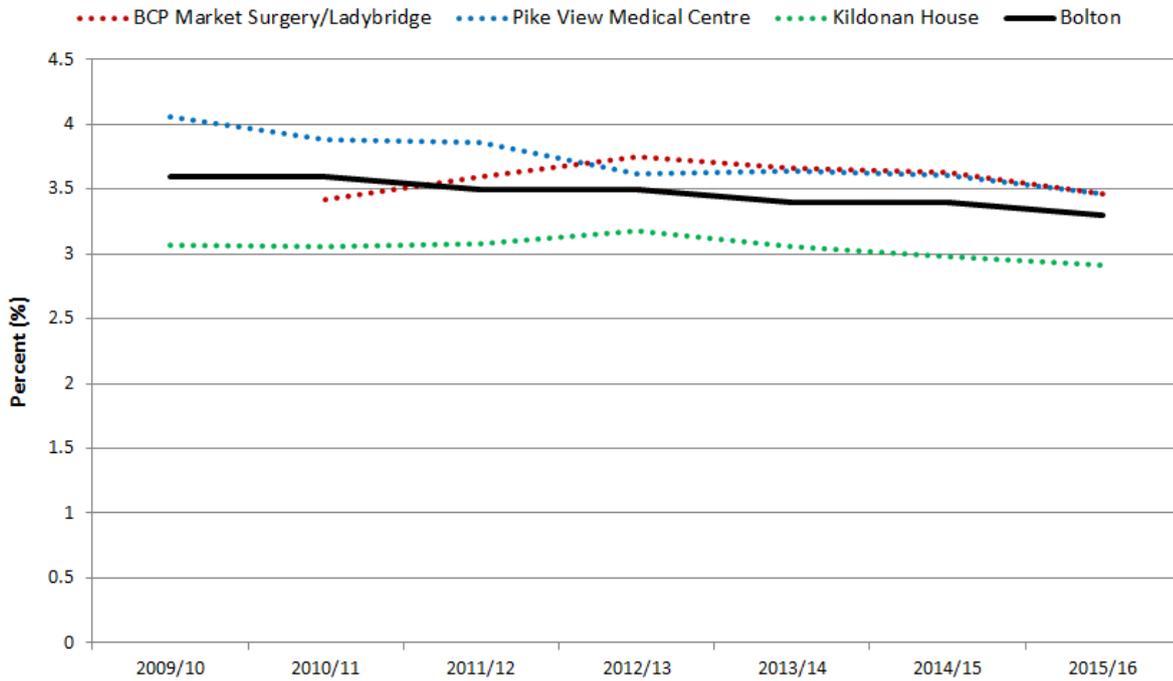
Within the Horwich neighbourhood around 900 patients registered with practices have CHD. The prevalence for CHD for all ages is 3.2%, which is typical for Bolton (3.3%).

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





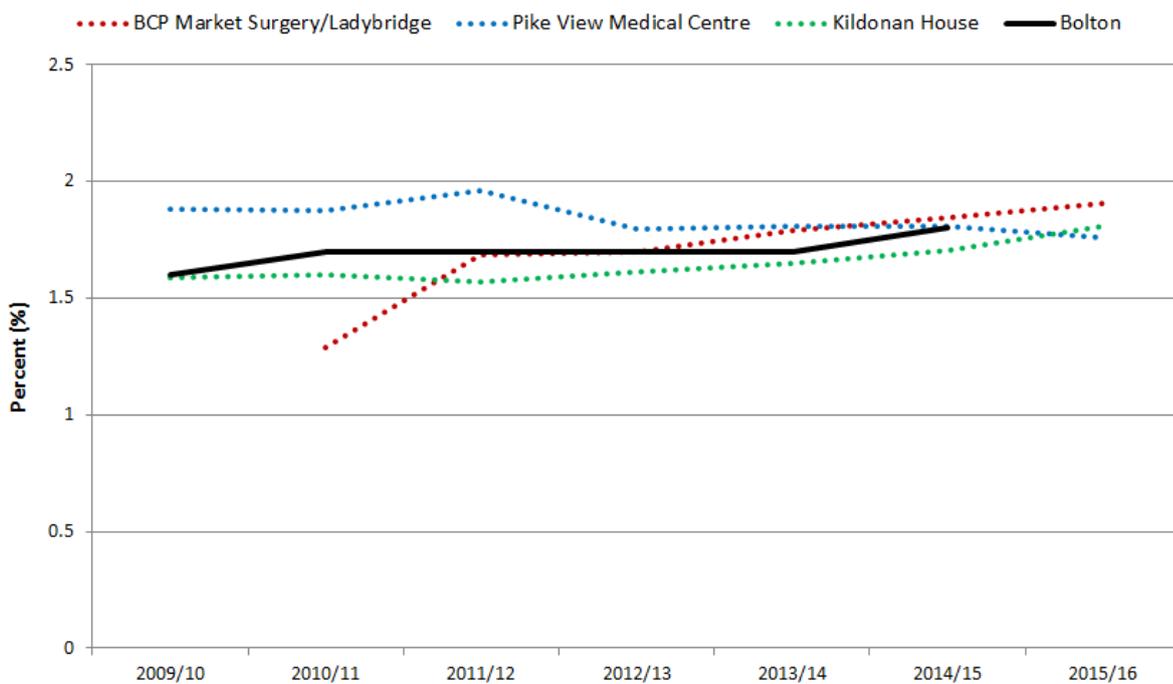
### CVD: Coronary Heart Disease (%)



## Stroke

The stroke prevalence for Horwich (1.8%) matches that seen locally (1.8%) and nationally (1.7%). This equates to 514 people in the Horwich neighbourhood.

### CVD: Stroke (%)





## Obesity

Horwich (10.9%) has a lower prevalence of obese patients (aged 18+) than typical for Bolton (12.2%). This equates to 2,252 obese patients in the Horwich 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%)<sup>5</sup>.

*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<sup>6</sup>.

Public Health England (PHE) estimates the national smoking prevalence to currently be 18.1% with Bolton having the somewhat higher rate of 20.5%. Horwich neighbourhood has an estimated prevalence (18.2%) lower than typical for Bolton and matching the national picture, equating to 4,243 people.

## Heart failure and atrial fibrillation

Horwich has a typical prevalence of both heart failure (0.7%) and atrial fibrillation (1.8%) for Bolton (0.8%, 1.5%).

CVD (2015/16)						
	BCP Market Surgery		Pike View Medical Centre		Kildonan House	
	Number	Rate*	Number	Rate*	Number	Rate*
Hypertension	324	15	1,105	15	2,420	16
CHD	73	3.5	264	3.5	431	2.9
Stroke	40	1.9	134	1.8	268	1.8
Obesity (18+)	173	10.5	875	14.4	894	7.6
Smoking	325	19	1,262	20	2,074	17
Heart Failure	13	0.6	58	0.8	100	0.7
Atrial Fibrillation	32	1.5	141	1.9	269	1.8
	BCP Ladybridge		Horwich neighbourhood		Bolton	
	Number	Rate*	Number	Rate*	Rate*	
Hypertension	580	15	4,429	16	14	

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

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





CHD	131	3.5	900	3.2	3.3
Stroke	72	1.9	514	1.8	1.8
Obesity (18+)	310	10.5	2,252	10.9	12.2
Smoking	582	19	4,243	18	20.5
Heart Failure	23	0.6	193	0.7	0.8
Atrial Fibrillation	57	1.5	499	1.8	1.5

\*Rate per 1,000 population

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
Kildonan House	15,067	245	212	86.5%	68	115	59.1%
Pike View Medical	7,757	157	128	81.5%	31	63	49.2%
BCP Market Surgery	2,174	47	33	70.5%	7	14	48.1%
BCP (Ladybridge)	3,892	84	59	70.5%	12	26	48.1%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>533</b>	<b>433</b>	<b>81.1%</b>	<b>118</b>	<b>218</b>	<b>54.2%</b>

	Practice List Size	Atrial Fibrillation					
		AF Register	(%) Non SMK	(%) Pulse rate	(%) CHA2Ds2	(%) HAS BLED	(%) ANTI COAG
Kildonan House	15,067	299	82.6%	73.2%	42.5%	20.7%	18.7%
Pike View Medical	7,757	139	92.1%	95.0%	99.3%	80.6%	77.7%
BCP Market Surgery	2,174	40	90.0%	91.4%	88.2%	85.0%	71.8%
BCP (Ladybridge)	3,892	72	90.0%	91.4%	88.2%	85.0%	71.8%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>550</b>	<b>86.5%</b>	<b>82.4%</b>	<b>66.1%</b>	<b>48.9%</b>	<b>44.4%</b>

## 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 Horwich (2.4%) is again similar to that seen in Bolton (2.2%).

Cancer prevalence for all ages (2015/16)		
	Number	(%)
BCP Market Surgery	53	2.5
Pike View Medical Centre	196	2.6
Kildonan House	325	2.2





BCP Ladybridge	95	2.5
<b>Horwich neighbourhood</b>	<b>669</b>	<b>2.4</b>

### 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
Kildonan House	<b>15,067</b>	2,061	107	5.2%	2,405	1,464	60.9%
Pike View Medical	<b>7,757</b>	1,033	784	75.9%	1,239	730	58.9%
BCP Market Surgery	<b>2,174</b>	263	165	62.9%	325	179	55.2%
BCP (Ladybridge)	<b>3,892</b>	470	296	62.9%	582	321	55.2%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>3,827</b>	<b>1,352</b>	<b>35.3%</b>	<b>4,551</b>	<b>2,695</b>	<b>59.2%</b>

	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
Kildonan House	<b>15,067</b>	2,624	1,833	69.9%	1,348	945	70.1%
Pike View Medical	<b>7,757</b>	1,255	918	73.1%	648	507	78.2%
BCP Market Surgery	<b>2,174</b>	360	215	59.7%	169	125	74.1%
BCP (Ladybridge)	<b>3,892</b>	644	385	59.7%	303	225	74.1%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>4,883</b>	<b>3,350</b>	<b>68.6%</b>	<b>2,468</b>	<b>1,802</b>	<b>73.0%</b>

## 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)<sup>7</sup>.

## 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.

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





The prevalence of asthma within the Horwich neighbourhood is average for Bolton (6.4%) with 6.7% of the practice population on the asthma disease register; equating to around 1,901 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 Horwich neighbourhood (1.9%) is only slightly lower than typical for Bolton (2.3%).

Asthma/COPD prevalence for all ages (2015/16)				
	Asthma		COPD	
	Number	(%)	Number	(%)
BCP Market Surgery	134	6.3	50	2.4
Pike View Medical Centre	498	6.5	163	2.1
Kildonan House	1,029	6.9	223	1.5
BCP Ladybridge	240	6.3	89	2.4
<b>Horwich neighbourhood</b>	<b>1,901</b>	<b>6.7</b>	<b>525</b>	<b>1.9</b>

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
Kildonan House	15,067	1,377	48	54.2%	66.7%	2.1%	54.2%	52.1%
Pike View Medical	7,757	722	30	53.3%	60.0%	46.7%	53.3%	53.3%
BCP Market Surgery	2,174	232	11	53.3%	48.3%	35.0%	60.0%	45.0%
BCP (Ladybridge)	3,892	415	20	53.3%	48.3%	35.0%	60.0%	45.0%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>2,746</b>	<b>109</b>	<b>53.7%</b>	<b>59.7%</b>	<b>23.7%</b>	<b>55.6%</b>	<b>50.4%</b>

Asthma (over 12 years)								
	Practice List Size	List size ≥ 12 yrs	Asthma Register	(% Non SMK)	(% Mng Plan)	(% Trigger Fact)	(% Asthma Control test)	(% Inhaler Tech Good)
Pike View Medical	7,757	6,746	468	87.6%	51.1%	37.4%	57.1%	51.5%
BCP Market Surgery	2,174	1,837	134	85.2%	58.0%	61.4%	60.4%	57.3%
BCP (Ladybridge)	3,892	3,288	240	85.2%	58.0%	61.4%	60.4%	57.3%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>24,822</b>	<b>1,807</b>	<b>85.3%</b>	<b>62.6%</b>	<b>56.4%</b>	<b>64.5%</b>	<b>60.3%</b>



## COPD (Mar 17)

	Practice List Size	COPD						
		COPD Register	(%) Non SMK	(%) Mng Plan	(%) Inhaler Tech Good	(%) Predicted Fev1	(%) screened	(%) Pulse O2
Kildonan House	<b>15,067</b>	238	68.9%	80.7%	71.4%	60.9%	79.4%	84.0%
Pike View Medical	<b>7,757</b>	173	65.3%	75.7%	54.3%	69.9%	82.7%	88.4%
BCP Market Surgery	<b>2,174</b>	53	67.0%	68.7%	67.7%	71.1%	71.5%	81.4%
BCP (Ladybridge)	<b>3,892</b>	95	67.0%	68.7%	67.7%	71.1%	71.5%	81.4%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>559</b>	<b>67.3%</b>	<b>76.0%</b>	<b>65.2%</b>	<b>66.4%</b>	<b>78.3%</b>	<b>84.7%</b>

## 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.

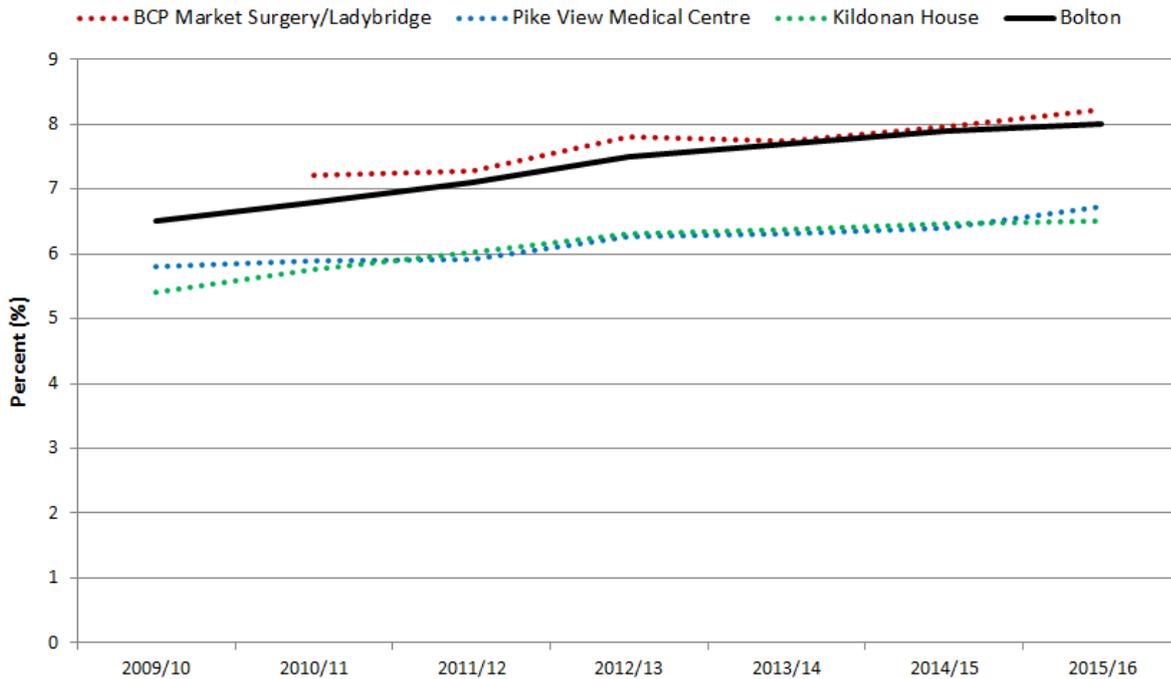
Smoking, obesity, hypertension and CHD are all associated with diabetes. The QOF prevalence of diabetes within the Horwich (7.0%) neighbourhood is lower than that of Bolton (8.0%). The practices combined have 1,575 patients on their register; however the number of people estimated to be diabetic is higher. Evidence suggests that being of South Asian ethnicity increases the likelihood of developing diabetes but it should be noted that the population of the Horwich neighbourhood boundary is predominantly White British<sup>8</sup>.

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





## Diabetes (%)



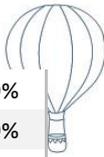
## Chronic kidney disease (CKD)

The main cause of chronic kidney disease is diabetes. Considering Horwich’s slightly lower than average rate of diabetes, CKD follows a similar pattern. Horwich as a whole has a prevalence of 6.0% which equates to 1,339 people – this accounts for 85% of the diabetes register in the neighbourhood.

Diabetes/CKD prevalence for patients aged 18+ (2015/16)				
	Diabetes		CKD	
	Number	(%)	Number	(%)
BCP Market Surgery	137	8.2	88	5.4
Pike View Medical Centre	415	6.7	367	6.0
Kildonan House	777	6.5	727	6.2
BCP Ladybridge	246	8.2	157	5.4
<b>Horwich neighbourhood</b>	<b>1,575</b>	<b>7.0</b>	<b>1,339</b>	<b>6.0</b>

Diabetes (Mar 17)						
	Practice List Size	Diabetes 9 care processes				
		DM Register size	(%) non smk	(%) BP ≤ 145/85	(%) Chol ≤ 5mmol/l	(%) HbA1c ≤ 53 mmol
Kildonan House	<b>15,067</b>	813	86.1%	81.8%	64.9%	53.8%
Pike View Medical	<b>7,757</b>	420	85.2%	76.0%	64.3%	49.0%





BCP Market Surgery	<b>2,174</b>	138	86.9%	81.8%	65.4%	55.9%
BCP (Ladybridge)	<b>3,892</b>	247	86.9%	81.8%	65.4%	55.9%
<b>Horwich neighbourhood</b>	<b>28,890</b>	1,619	86.1%	80.3%	64.9%	53.1%
Diabetes 9 care processes						
	Practice List Size	(%) ACR re	(%) DM_BMI (22K)	(%) DM_RET	(%) DM FOOT	(%) DM_CRE
Kildonan House	<b>15,067</b>	75.8%	83.9%	76.8%	80.1%	88.8%
Pike View Medical	<b>7,757</b>	43.3%	81.0%	74.0%	77.9%	91.4%
BCP Market Surgery	<b>2,174</b>	70.3%	82.2%	79.4%	78.4%	92.1%
BCP (Ladybridge)	<b>3,892</b>	70.3%	82.2%	79.4%	78.4%	92.1%
<b>Horwich neighbourhood</b>	<b>28,890</b>	66.1%	82.7%	76.7%	79.1%	90.3%

## Admissions

Horwich experiences an equal burden of emergency admissions as seen across England and 15% less than typical for Bolton. In general, admissions in the neighbourhood across all the main disease areas are lower than Bolton.

The neighbourhood stands out in particular for its very low COPD admissions - which are 220% higher than England in some parts of Bolton – as well as its low rates of CVD admissions compared to the rest of the borough.

Standardised admissions ratios					
	Horwich	Bolton average	Bolton best	Bolton worst	England
Emergency Admissions, All Causes SAR	<b>100</b>	115	77	160	100
Emergency Admissions, Coronary Heart Disease SAR	<b>104</b>	127	60	275	100
Emergency Admissions, Stroke SAR	<b>105</b>	119	76	197	100
Emergency Admissions, Chronic Obstructive Pulmonary Disease (COPD) SAR	<b>88</b>	127	37	320	100
Incidence of all cancers SIR	<b>94</b>	100	77	128	100
Incidence of breast cancer SIR	<b>93</b>	93	58	123	100
Incidence of colorectal cancer SIR	<b>91</b>	100	51	152	100
Incidence of lung cancer SIR	<b>90</b>	115	44	244	100
Hospital stays for intentional self harm SAR	<b>104</b>	119	33	271	100
Hospital Admissions for Alcohol Attributable Harm (narrow definition) SAR	<b>94</b>	106	58	207	100
Emergency Admissions, Hip Fracture in 65+ SAR	<b>109</b>	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 marginally higher in Horwich (10.7%) than Bolton as a whole (9.1%), with a register size of 2,362. 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%. Horwich neighbourhood mirrors the Bolton picture at 1.0%, equating to 256 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	(%)
BCP Market Surgery	124	7.5	25	1.2
Pike View Medical Centre	705	11.6	58	0.8
Kildonan House	1,311	11.1	129	0.9
BCP Ladybridge	222	7.5	44	1.2
<b>Horwich neighbourhood</b>	<b>2,362</b>	<b>10.7</b>	<b>256</b>	<b>1.0</b>

The prevalence of dementia across Bolton, as measured by QOF, is recorded as 0.8%. Horwich has a similar rate at 0.8%, equating to 215 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 97 people currently residing in the Horwich neighbourhood with learning disabilities.

Mental Health Indicators: QOF register prevalence 2015/16				
	Dementia		Learning disabilities	
	Number	(%)	Number	(%)
BCP Market Surgery	15	0.7	10	0.5
Pike View Medical Centre	76	1.0	22	0.3
Kildonan House	97	0.7	47	0.3
BCP Ladybridge	27	0.7	18	0.5
<b>Horwich neighbourhood</b>	<b>215</b>	<b>0.8</b>	<b>97</b>	<b>0.4</b>





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
Kildonan House	15,067	119	101	84.9%	42	35	83.3%
Pike View Medical	7,757	76	64	84.2%	24	23	95.8%
BCP Market Surgery	2,174	18	17	97.9%	9	7	83.7%
BCP (Ladybridge)	3,892	32	31	97.9%	16	13	83.7%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>244</b>	<b>213</b>	<b>87.3%</b>	<b>91</b>	<b>79</b>	<b>86.7%</b>

	Practice List Size	Mental Health			Carers		
		MH register	Review / Physical health checks	(%) review / health checks	Carers register	(%) carers of list size	(%) health checks
Kildonan House	15,067	129	104	80.6%	305	2.0%	24.3%
Pike View Medical	7,757	61	43	70.5%	171	2.2%	82.5%
BCP Market Surgery	2,174	24	21	85.8%	51	2.3%	78.6%
BCP (Ladybridge)	3,892	44	38	85.8%	91	2.3%	78.6%
<b>Horwich neighbourhood</b>	<b>28,890</b>	<b>258</b>	<b>206</b>	<b>79.6%</b>	<b>618</b>	<b>2.1%</b>	<b>52.9%</b>

## 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 Horwich 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	Horwich	Bolton
1.B. Executive Wealth	17%	10%
4.L. Modest Means	14%	18%
<b>Wellbeing ACORN key groups</b>		
2.9. Everyday Excesses	13%	11%
4.25. Healthy, Wealthy & Wine	12%	7%
3.17. Everything in Moderation	11%	10%





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

<p><b>2.9 Everyday excesses</b></p> <p>13% (Bolton 11%)</p>	<p>“Terraced houses... Young singles and couples... ‘doing alright’... semi-routine occupations... lack of adequate heating... high alcohol &amp; smoking... low medication...”</p>	
<p><b>4.25 Healthy, wealthy &amp; wine</b></p> <p>12% (Bolton 7%)</p>	<p>“Wealthy... large detached houses... senior managerial occupations... private pensions... mix of family types... very good health... very few smokers... high alcohol consumption...”</p>	
<p><b>3.17 Everything in moderation</b></p> <p>11% (Bolton 10%)</p>	<p>“Semi-detached... Owner occupied... good income... low rates of isolation... community groups... health generally good... few smokers... above average alcohol...”</p>	



