

Inform Gloucestershire

GP practice profiles - Respiratory conditions

There are 81 GP practices in Gloucestershire.

Data presented in these profiles is based on GP Practice disease registers (maintained under the Quality and Outcomes Framework). The validity of this data in reflecting true population prevalence depends on individuals being registered with a GP Practice, presenting symptoms, receiving an accurate diagnosis and the GP adding the patient to the disease register. In addition it is not possible to adjust data from published disease registers for differences in the age profile of registered patients. Risk of many diseases increases with age, therefore higher prevalence rates may reflect an older registered population of a GP Practice and/or differences in other risk factors in the underlying population.

Chronic obstructive pulmonary disease

Chronic obstructive pulmonary disease (COPD) is the name for a collection of lung diseases, including chronic bronchitis, emphysema and chronic obstructive airways disease. People with COPD have trouble breathing in and out, due to long-term damage to the lungs, usually because of smoking.

Table 1 shows the crude¹ recorded prevalence of COPD by GP cluster².

¹ Crude rate/proportion/prevalence where the numerator is the number of new cases during the specified time period and the denominator is the population at risk during the period. This does not allow for variations in age profiles between different populations.

² GP clusters are made up of 3-11 practices of similar demographics and geographies. Individual practice level data is available at <https://fingertips.phe.org.uk/>

Table 1: COPD: QOF prevalence

GP Cluster	Combined COPD register	Combined practice list	% estimated prevalence
Aspen and Saintbridge	550	29,891	1.84
Berkeley Vale	785	39,092	2.01
Cheltenham Central	848	54,478	1.56
Cheltenham Peripheral	801	51,301	1.56
Forest of Dean	1,413	63,054	2.24
Gloucester Inner City	734	35,087	2.09
Hadwen Quedgeley and Rosebank (HQR)	657	47,314	1.39
North Cotswolds	521	29,366	1.77
North East Gloucester (NEG)	585	33,925	1.72
South Cotswolds	1,001	58,228	1.72
South East Gloucester and GHAC (SEGG)	417	24,475	1.70
St. Paul's	980	48,232	2.03
Stonehouse and Frampton	338	17,801	1.90
Stroud Central	563	34,897	1.61
Stroud Rural	403	27,950	1.44
Tewkesbury Newent and Staunton	779	42,464	1.83
Gloucestershire	11,375	637,555	1.78

Figure 1 shows COPD crude prevalence by GP locality³. Forest (2.24%) has the highest crude prevalence of COPD and is above the England average (1.87%) all other GP localities have a crude prevalence below the England average.

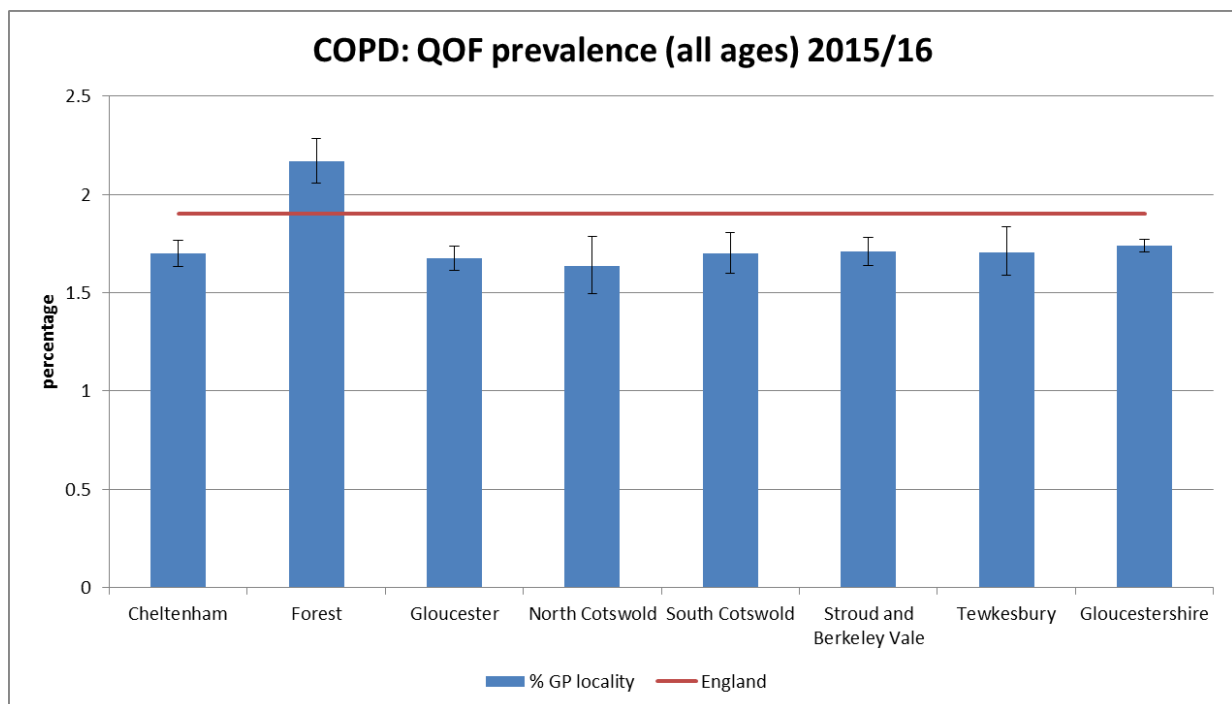


Figure 1: COPD: QOF prevalence (GP locality)

³ All 81 GP practices are aggregated into 7 locality areas. Each locality has a GP liaison lead sitting on the CCG Governing Body and a Locality Executive Group where 'local' decisions can be made.

Figure 2 shows the crude prevalence of COPD by Taxonomy group⁴. Taxonomy group 5, moderately deprived population with a moderate prevalence of disease has the highest crude prevalence of COPD.

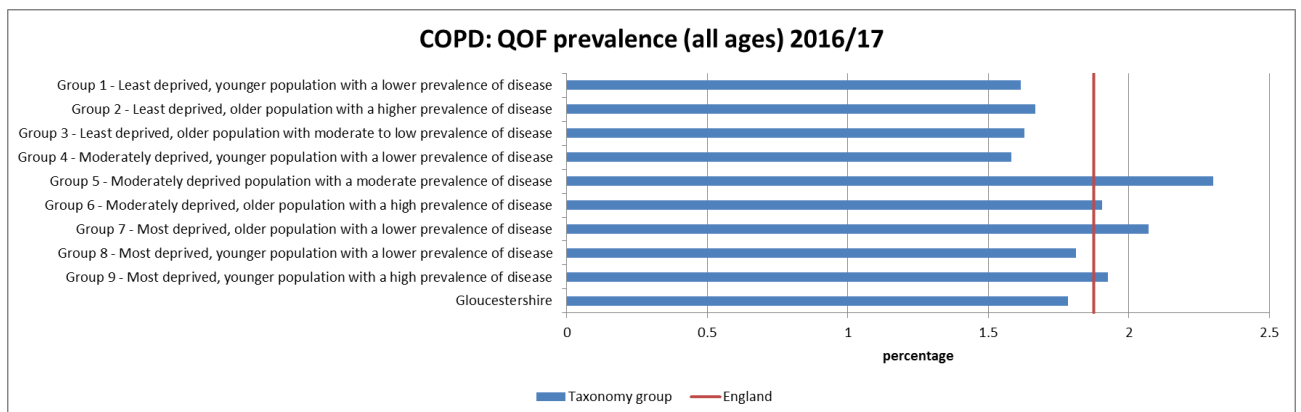


Figure 2: COPD prevalence (taxonomy group)

Figure 3 shows the crude COPD prevalence by GP practice. 15 practices have a significantly higher rate than the Gloucestershire average and 12 practices have a significantly lower rate.

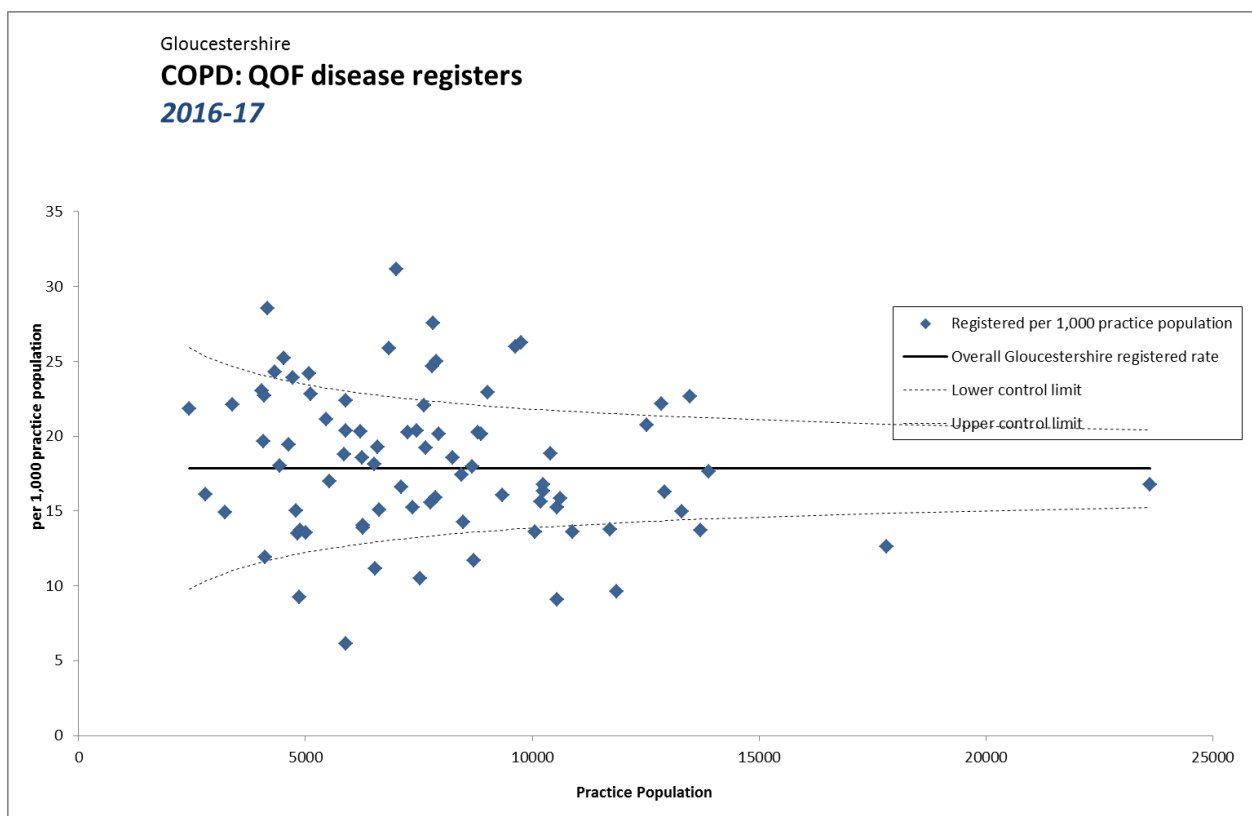


Figure 3: COPD: QOF prevalence (GP practice)

⁴ All 81 practices have been aggregated into 9 groups using the most common age group, deprivation level and prevalence of disease of their patients.

Asthma

Asthma is a common lung condition that causes periodic breathing difficulties. It affects people of all ages and often starts in childhood, although it can also appear for the first time in adults. Some people, particularly children, may eventually grow out of asthma. But for others it's a lifelong condition.

Table 2 shows the crude prevalence of asthma by GP cluster.

Table 2: Asthma QOF prevalence

GP Cluster	Combined asthma register	Combined practice list	% estimated prevalence
Aspen and Saintbridge	1,811	29,891	6.06
Berkeley Vale	3,009	39,092	7.70
Cheltenham Central	3,497	54,478	6.42
Cheltenham Peripheral	3,600	51,301	7.02
Forest of Dean	4,660	63,054	7.39
Gloucester Inner City	2,201	35,087	6.27
Hadwen Quedgeley and Rosebank (HQR)	2,820	47,314	5.96
North Cotswolds	1,985	29,366	6.76
North East Gloucester (NEG)	2,126	33,925	6.27
South Cotswolds	4,079	58,228	7.01
South East Gloucester and GHAC (SEGG)	1,501	24,475	6.13
St. Paul's	3,073	48,232	6.37
Stonehouse and Frampton	1,141	17,801	6.41
Stroud Central	2,349	34,897	6.73
Stroud Rural	1,823	27,950	6.52
Tewkesbury Newent and Staunton	2,648	42,464	6.24
Gloucestershire	42,323	637,555	6.64

Figure 4 shows the crude prevalence of asthma by GP locality. Forest (7.39%) has the highest crude prevalence of asthma as a GP locality. All localities are above the England average (5.94%).

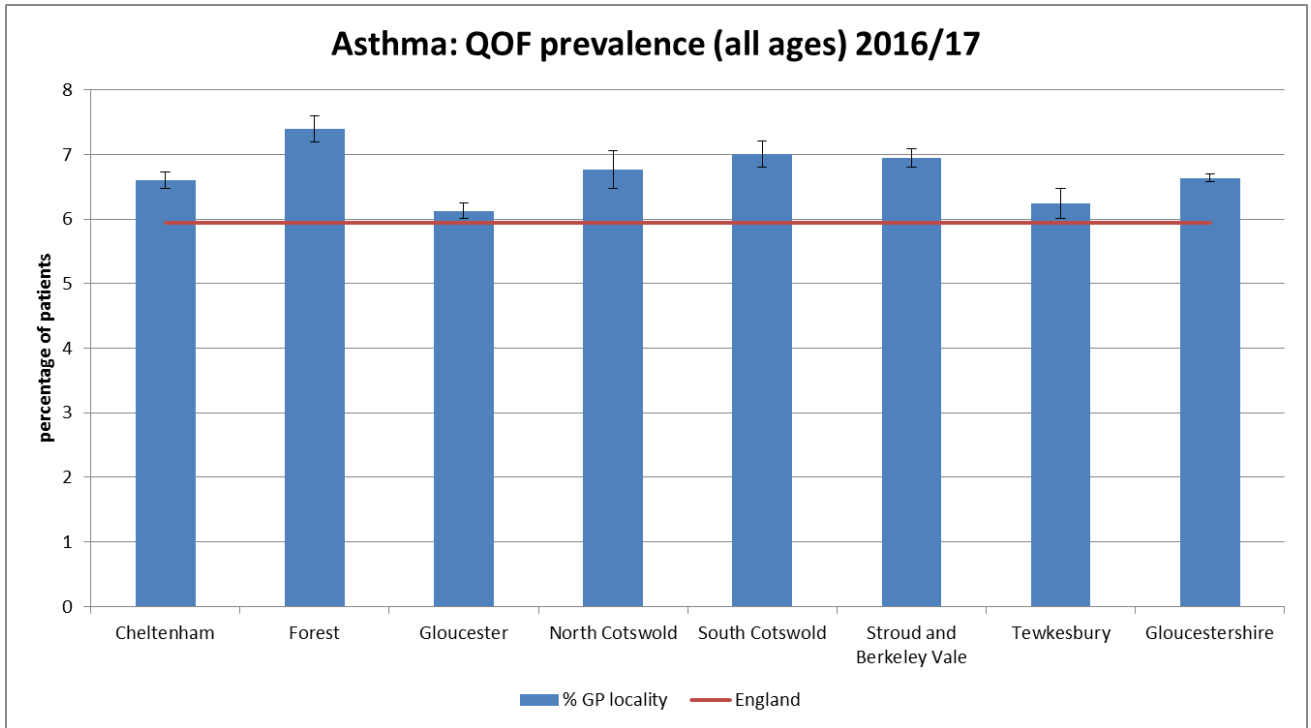


Figure 4: Asthma QOF prevalence (GP locality)

Figure 5 shows the crude prevalence of asthma by Taxonomy group. Taxonomy group 2, least deprived, older population with a higher prevalence of disease has the highest prevalence of asthma although it is closely followed by Taxonomy group 7, most deprived older population with a high prevalence of disease.

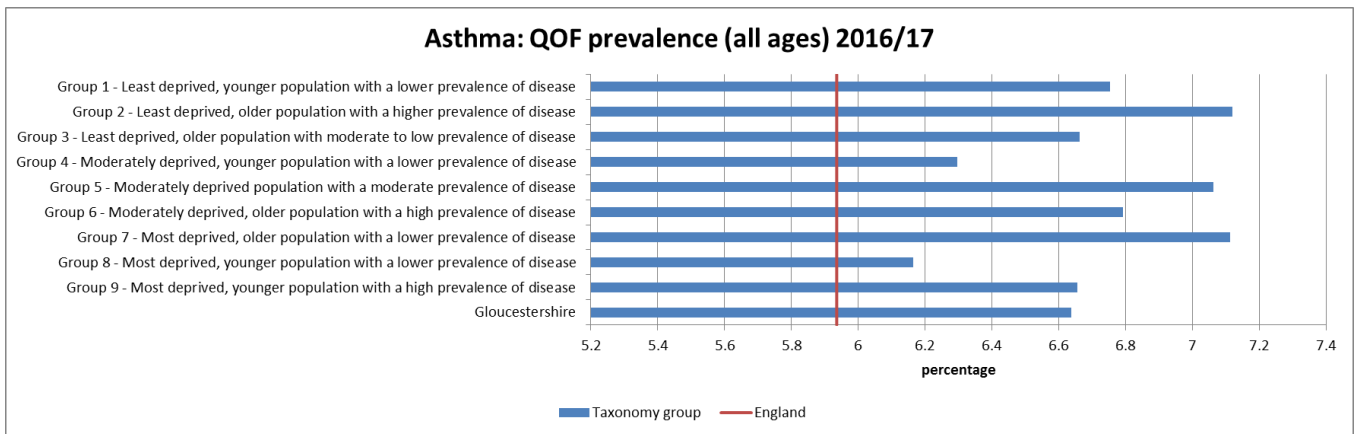


Figure 5: Asthma QOF prevalence (taxonomy group)

Figure 6 shows the crude Asthma prevalence by GP practice. 9 practices have a significantly higher rate than the Gloucestershire average and 13 practices have a significantly lower rate.

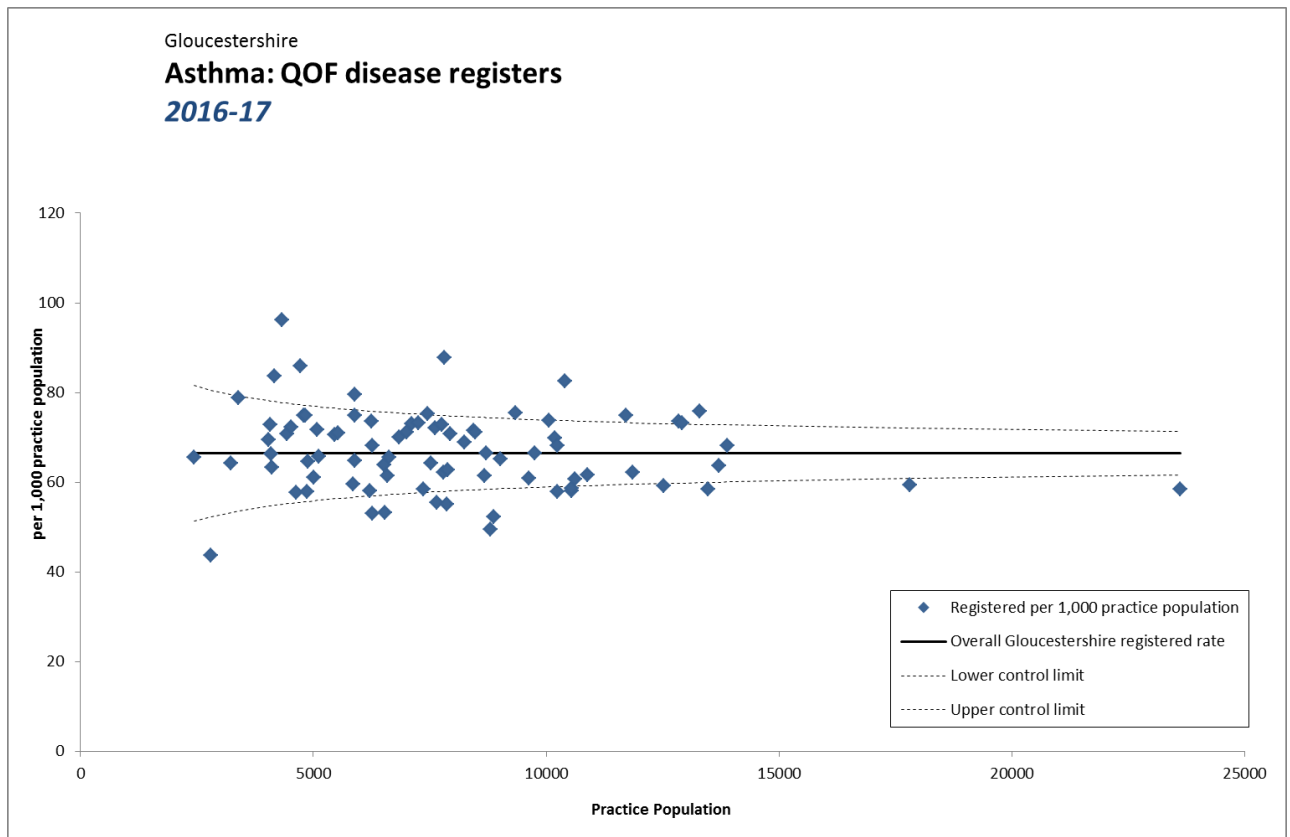


Figure 6: Asthma QOF prevalence (GP practice)

Key points and interpretation

There are significantly higher rates of respiratory disease (including COPD and asthma) recorded among patients registered with GP practices in the Forest locality. This is likely to reflect the higher prevalence of smoking in the locality (see Lifestyle and Deprivation profile), as well as wider factors associated with deprivation and risk of respiratory disease such as poorer housing conditions.

Gloucester locality has a similar smoking prevalence to the Forest and higher deprivation which may mean a similar prevalence of respiratory disease would be expected when in fact recorded prevalence in Gloucester is lower than the Forest and similar to the Gloucestershire average. That said Gloucester locality has a younger age profile than the Forest or County average which may bring overall crude prevalence down. This is difficult to pick up but analysis by GP Taxonomy suggests a focus on case finding is particularly required in Group 8 (high deprivation and younger population) since it may be expected that this group would have a higher prevalence than Group 1 (low deprivation and younger population).

Improving case finding and early detection of respiratory conditions in all areas is likely to improve population health outcomes. Continued support to address tobacco dependence in the population is also required to reduce the future prevalence of COPD.

References

All data relating to GP practices sourced from PHE fingertips; <https://fingertips.phe.org.uk/>

All information relating to medical conditions sourced from NHS choices;
<http://www.nhs.uk/pages/home.aspx>

Appendix 1: *GP Locality, Cluster, Practice table*

GP Locality	GP Cluster	Practice name
Cheltenham	Cheltenham Central	BERKELEY PLACE SURGERY
		CRESCENT BAKERY
		OVERTON PARK SURGERY
		ROYAL CRESCENT
		SPRINGBANK SURGERY
		UNDERWOOD SURGERY
	YORKLEIGH SURGERY(CT)	
	Cheltenham Peripheral	SEVEN POSTS SURGERY
		SIXWAYS CLINIC
		THE LECKHAMPTON SURGERY
		THE STOKE ROAD SURGERY, WINCHCOMBE MEDICAL CENTRE
	St. Paul's	ST.GEORGE'S SURGERY
		ST.CATHERINE'S SURGERY
		THE CORINTHIAN SURGERY
		THE PORTLAND PRACTICE
THE ROYAL WELL SURGERY		
Forest	Forest of Dean	BLAKENEY SURGERY
		BRUNSTON PRACTICE
		COLEFORD FAMILY DOCTORS
		DOCKHAM ROAD SURGERY
		DRYBROOK SURGERY
		FOREST HEALTH CARE
		LYDNEY PRACTICE
		MITCHELDEAN SURGERY
		NEWNHAM SURGERY
		SEVERN BANK SURGERY
		YORKLEY HEALTH CENTRE(WG)
		Gloucester
HEATHVILLE MEDICAL PRACTICE		
LONDON MEDICAL PRACTICE		
SAINTBRIDGE SURGERY		
Gloucester Inner City	BARTONGATE SURGERY	
	GLOUCESTER CITY HEALTH CENTRE	
	KINGSHOLM SURGERY	
Hadwen Quedgeley and Rosebank (HQR)	PARTNERS IN HEALTH, PAVILION FAMILY DRG	
	HADWEN MEDICAL PRACT.	
	QUEDGELEY MEDICAL CENTRE	
	ROSEBANK HEALTH	
North East Gloucester (NEG)	CHELTENHAM ROAD SURGERY	
	CHURCHDOWN SURGERY	
	COLLEGE YARD & HIGHNAM	
	LONGLEVENS SURGERY	
	BROCKWORTH SURGERY	
South East Gloucester and GHAC (SEGG)	GLOUCESTER HEALTH ACCESS CENTRE	
	HUCCLECOTE SURGERY	
North Cotswold	North Cotswolds	CHIPPING CAMPDEN SURGERY
		COTSWOLD MEDICAL PRACTICE
		MANN COTTAGE SURGERY
		STOW SURGERY
		WHITE HOUSE SURGERY
South Cotswold	South Cotswolds	AVENUE SURGERY
		HILARY COTTAGE SURGERY
		LECHLADE MEDICAL CENTRE
		PARK SURGERY(CV)
		PHOENIX SURGERY
		RENDCOMB SURGERY
		ROMNEY HOUSE SURGERY
ST.PETER'S ROAD SURGERY		
Stroud and Berkeley Vale	Berkeley Vale	ACORN PRACTICE
		CAM & ULEY FAMILY PRACTICE
		CHIPPING SURGERY
		CULVERHAY SURGERY
		MARYBROOK MEDICAL CENTRE
		WALNUT TREE PRACTICE
	Stonehouse and Frampton	FRAMPTON SURGERY
		HIGH STREET MEDICAL CENTRE
		REGENT STREET SURGERY
		STONEHOUSE HEALTH CLINIC
	Stroud Central	LOCKING HILL SURGERY
		ROWCROFT MEDICAL CENTRE
		STROUD HC
		STROUD VALLEYS FAMILY PRACTICE
	Stroud Rural	FRITHWOOD SURGERY
		HOYLAND HOUSE
MINCHINHAMPTON SURGERY		
PRICES MILL SURGERY		
Tewkesbury	Tewkesbury Newent and Staunton	CHURCH STREET PRACTICE
		HOLTS HEALTH CENTRE
		MYTHE MEDICAL PRACTICE
		STAUNTON & CORSE SURGERY