



Crystal Court, Aston Cross
Birmingham, B6 5RQ

Telephone: 0121 687 3400
Facsimile: 0121 687 3401
E-mail: office@pi.nhs.uk
Website: www.pi.nhs.uk

Director
Professor Jason O Gardosi MD FRCOG FRCSED

Direct Line: 0121 687 3500
E-mail: jason.gardosi@pi.nhs.uk

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West Midlands PEER-Perinatal KPI Report Q2 2010/11

We are presenting herewith the latest quarterly report of the West Midlands Investing for Health (IfH) maternity data collection programme, covering up to Q2 of 2010/11 (October 2010).

The overall ascertainment and quality of the data continues to be high, and is assured by ongoing audits and feedback to individual units to allow them to make improvements where needed.

In addition to quarterly trends, we are now also able to compare three quarterly totals within calendar years 2009 and 2010, respectively. The results show improvements in each of the indicators measured, including significant increases in early booking rates and smoking cessation. A number of these developments are a result of local initiatives, which in turn have been stimulated by preceding quarterly reports highlighting a gap. Ongoing data collection tracks the result of such efforts, and is able to demonstrate improvements in performance where they occurred.

For the first time, we have sufficient numbers to also analyse trends in antenatal detection of intrauterine growth restriction. While the overall detection rate remains low, the wide variation between units suggests that there is much room for improvement. Furthermore, there has been demonstrable progress in several units which have focussed on this aspect of their service, demonstrating great potential for improving safety for mothers and babies.

Upcoming analyses will cover ethnicity and migrant mothers, obesity, smoking and social deprivation. We are currently also completing data linkage for all live births and stillbirths & neonatal deaths, and will soon be reporting on the main risk factors for perinatal mortality in the West Midlands.

Feedback of locally relevant information to stakeholders continues through access to the PEER data wizards available in all NHS units and trusts, as well as our ever increasing data request service, the activity of which is summarised on www.pi.nhs.uk/data/requests. In addition, we will soon be launching a web-based interactive tool with on-line information on demographics and indicators for all units, PCTs and clusters, local authorities, and, in due course, the emerging GP consortia.

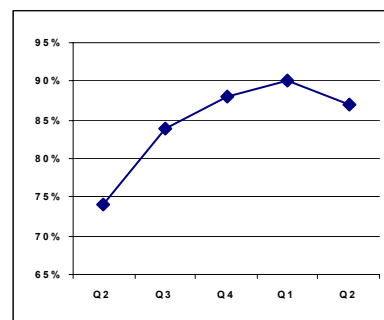
With sincere regards

Professor Jason O. Gardosi
Director, West Midlands Perinatal Institute

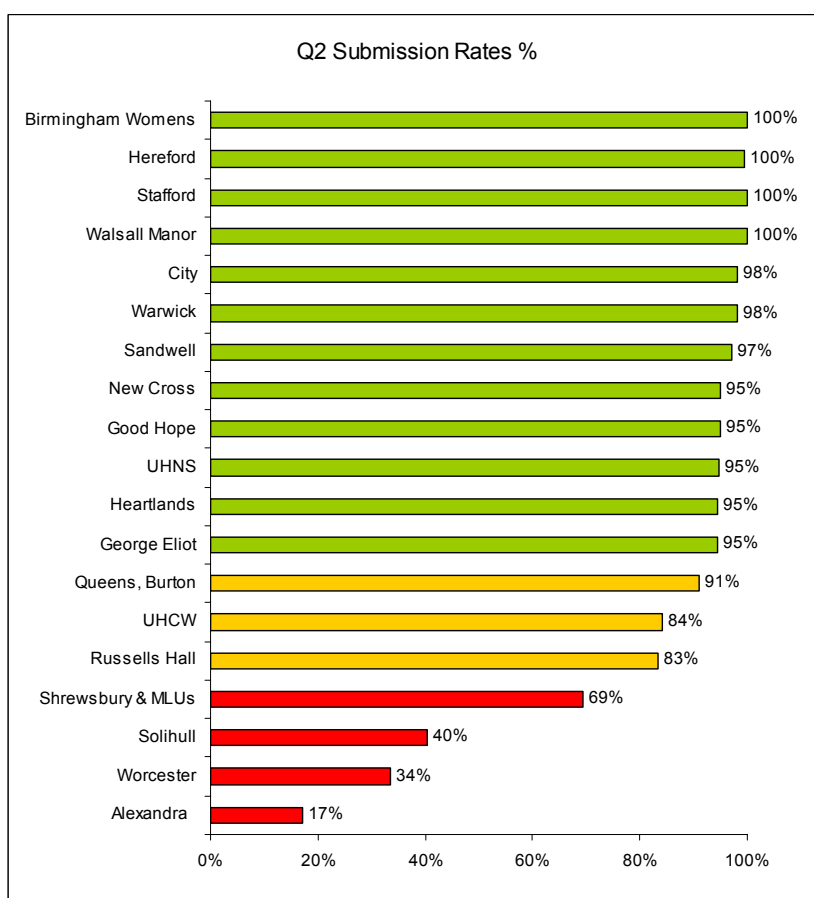
Perinatal KPI Report - Q2 2010/11: Summary Findings

Data Collection	WTE data clerks Q2 2010/11	Submission rate Q2 2010/11
Submissions from WM Maternity units	21.2	87% Range 17-100%

Submission rates
Q2 2009/10 to Q2 2010/11



- Submission rates have dropped slightly, reversing the preceding trend of quarterly increases. This is due to a few underperforming units, and attempts are being made to address the backlog at these units.
- Nevertheless, a similar number of units have been able to achieve the submission target as in the last quarter, even though the target has been raised to 95% in Q2.
- Many maternity units have been able to main-stream data collection, with data clerks now in permanent posts. However, some units are struggling to maintain this service because of current financial constraints.
- The Perinatal Institute is developing a QIPP which will elaborate on the many benefits and quantify the savings that are being made through routine maternity data collection with trained data clerks.



KPI 1a	Target: 80%	2009	2010	Change 09→10
Completed health and social risk assessment < 13 weeks 95% confidence interval		79.2% CI 78.8-79.6	83.0% CI 82.6-83.3	3.8% *

* Significant increase

- There has been a significant increase since 2009 and most units are now meeting the 80% Target.
- Further improvements are required, as the DH are increasing this target to >90% by Q4 of the current year.

KPI 1b	Target: 60%	2009	2010	Change 09→10
Two antenatal contacts before 13 weeks 95% confidence interval		44.3% CI 43.7-44.9	51.9% CI 51.4-52.4	7.6% *

* Significant increase

- This indicator remains a challenge for many units; however the overall rate has increased significantly.

KPI 2	Target: 75%	Amended KPI – to be included in next report
Antenatal continuity of carer		75% of community visits by the same <u>2</u> midwives

- As indicated in the last report, this KPI is now being assessed on the basis of continuity with either one of two midwives, and rates will be reported when there is sufficient data, from spring 2011.

KPI 3	Target: 10% incr / year	2009	2010	Range (units)
Antenatal detection of intrauterine growth restriction (IUGR) 95% confidence interval		30.1% CI 29-31	30.7% CI 30-32	12.5- 50.0%

- The detection rate is still low and is showing little overall improvement.
- However there is a wide range between units, suggesting that better performance IS possible. Some units have been able to achieve good improvement thanks to concerted efforts, including two in Birmingham who are spearheading a growth surveillance project through better protocols and additional growth scans by midwives.
- The lowest rate is observed in the unit from which no staff have as yet undergone any GROW training. The PI recommends that all midwives, obstetricians and ultrasonographers avail themselves of the Institute's regular workshops on fetal growth surveillance.

KPI 4	Target: 15%	Average 2009	Average 2010	Change 09→10
Smoking during pregnancy - ALL 95% confidence interval		14.2% CI 13.8-14.6	13.3% CI 13.0-13.6	-0.9% *
Smoking during pregnancy - British Europeans 95% confidence interval		18.8% CI 18.3-19.3	17.3% CI 16.8-17.7	-1.5% *

* Significant decrease

- While the national target for smoking during pregnancy (to <15% by 2010) has been met, smoking rates vary with ethnicity, and are still above the target for British Europeans.
- However the smoking rates have dropped significantly in the overall as well as the British European subgroup. At the same time, cessation rates during pregnancy increased from 25.2 to 27.4% overall.

KPI 5	Target: 2% incr / year	Average 2009	Average 2010	Change 09→10
Breastfeeding initiation (by 48h)		59.2% CI 58.7-59.8	60.2% CI 59.7-60.7	1.0%

- Breastfeeding initiation increased in 2010, but only by 1% which was below the 2% national target.
- Baseline rates vary according to population characteristics across the region.

West Midlands Investing for Health Perinatal Report: Q2 2010-11



Table 1: Investing for Health perinatal data collection: Data submitted from WM maternity units

Unit	WTE required	WTE employed (Sept 10)	Recruitment details	Initial project submission target						Project submission target from Q2 2010						Comments
				Q3 - Oct - Dec 2009		Q4 - Jan - Mar 2010		Q1 - Apr - Jun 2010		Q2 - Jul - Sept 2010						
				Births Q3	Submissions n %	Births Q4	Submissions n %	Births Q1	Submissions n %	Births Q2	Submissions n %					
West Midlands	23.7	21.8		18421	15417 84%	17756	15630 88%	17433	15730 90%	17857	15558 87%		Continuing improvement in ascertainment contingent on appropriate staffing			
Alexandra	0.6	0.6	0.6WTE commenced July 09, contract now ended. Two new data clerks redeployed 09/10	480	447 93%	463	391 84%	535	425 79%	463	79 17%		New clerks commenced 27/09/10. Backlog being addressed			
Birmingham Women's	2.5	2.5	2.5WTE in post; commenced July, August & October 09	1856	1855 100%	1709	1701 100%	1742	1738 100%	1843	1841 100%		Excellent progress			
City	1.2	1.2	1.0WTE left in October. Bank staff in post currently, hours variable	941	794 84%	920	850 92%	862	841 98%	974	957 98%		2 temporary clerks working on bank. Good progress			
George Eliot	0.8	0.8	0.8WTE commenced April 09. Contract ended 09/10 new clerk commenced Nov 10	541	358 66%	571	543 95%	594	574 97%	637	602 95%		Good progress			
Good Hope	1.2	1.6	0.6WTE commenced April but left. Further 0.6WTE commenced Sept. 0.6WTE - 11/09 (temp for backlog)	980	877 89%	918	817 89%	904	792 88%	904	858 95%		Good progress			
Heartlands	1.7	1.7	Staffing for BHH & Solihull reduced from 2.5 to 1.0WTE in Nov 10	1242	1110 89%	1242	990 80%	1242	1127 91%	1242	1174 95%		Good progress but not meeting target in current quarter			
Hereford	0.7	0.7	0.7WTE commenced Aug 09	495	488 99%	463	462 100%	520	519 100%	485	483 100%		Excellent progress			
New Cross	1.2	1.0	2.0WTE commenced in Sept (1 x 6mth temp contract 1 x 1yr fixed term) Contract due to end March 11	1025	981 96%	937	905 97%	1006	948 94%	999	949 95%		Good progress			
North Staffs (UHNS)	1.9	1.9	1.0WTE on maternity leave (Cover in place), 1.0WTE commenced Feb 10 contract ends Jan 11	1399	1275 91%	1483	1285 87%	1453	1299 89%	1476	1399 95%		Good progress.			
Queens Burton Samuel Johnson	1.2	1.2	0.8WTE commenced in July. 0.2WTE commenced Aug 09 - Permanent contract agreed 1.0WTE	965	889 92%	937	875 93%	915	877 96%	1011	925 91%		Good progress - catching up with increased delivery rate			
Russells Hall	1.5	0.8	1.6WTE commenced June 09 0.8WTE left June 2010, no replacement	1189	1071 90%	1189	1093 92%	1144	1005 88%	1144	954 83%		Progress hampered by understaffing and clerk's poor access to notes			
Sandwell	0.8	0.5	0.5WTE commenced April 09. Leaving Jan 11 with closure of unit	687	548 80%	683	594 87%	559	540 97%	602	585 97%		Good progress but backlog expected in Q3			
Shrewsbury & MLUs	1.7	1.6	0.6 commenced May, now left. 1WTE commenced October 09 now 0.6, 1WTE commenced Sept 10	1351	692 51%	1222	897 73%	1300	1075 83%	1300	903 69%		Process under review			
Solihull	0.8	0	Clerk left Nov 10	699	546 78%	614	595 97%	140	135 96%	57	23 40%		No clerk in post - backlog to be input by Heartlands clerk			
Stafford	0.8	0.8	0.8WTE commenced June 09 - Permanent contract agreed	534	532 100%	496	496 100%	517	517 100%	481	481 100%		Excellent progress			
Walsall Manor	1.2	1.0	1.0WTE commenced June 09 - Permanent contract agreed	936	932 100%	936	911 97%	900	820 91%	936	936 100%		Excellent progress			
Walsgrave (UHCW)	1.8	1.8	1.8WTE commenced data collection Nov 09 (Seconded)	1517	599 39%	1398	1108 79%	1474	1325 90%	1631	1374 84%		Good progress - catching up with increased delivery rate			
Warwick	0.8	0.8	0.8WTE commenced July 09 - Permanent contract agreed	646	632 98%	674	645 96%	676	665 98%	732	719 98%		Excellent progress despite increased delivery rate			
Worcester	1.3	1.3	1.3WTE commenced July 09 -Contract now ended. Two new data clerks redeployed Sept 10	938	791 84%	901	472 52%	950	508 53%	940	316 34%		Two new data clerks commenced 27/09/10 - backlog being addressed			

Range: 17% - 100%

Submission rates are calculated from the number of cases submitted from each quarter, as a proportion of the total actual or expected births. Ascertainment is dependant upon the completeness of notes and capacity of data clerks.

The table shows wide variation - with excellent progress in some units, while some others are struggling, mostly due to staffing issues

KPI 1a: Completed health & social assessment before 13 weeks

Target: 80% (90% by Q4 2010-11)

< 60%
60-79%
≥ 80%
www.pi.nhs.uk/rpnm/lfh_KPI_Evidence_Targets.pdf

	KPI1a - Completed health and social assessment <13weeks												Change 2009 → 2010			
	2009 (Q1-Q3 2009/10)			Q4 2009/10			Q1 2010/11			Q2 2010/11				2010 (Q4 2009/10-Q2 2010/11)		
	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%		Cases with required data	n	%
West Midlands (PCTs)	34618	27410	79.2%	14524	11950	82.3%	14759	12373	83.8%	14532	12026	82.8%	43815	36349	83.0%	3.8% ↑

PCT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change 2009 → 2010
Birmingham East & North	3451	2734	79.2%	1370	1144	83.5%	1177	994	84.5%	1386	1176	84.8%	3933	3314	84.3%	5.0%
Coventry Teaching	572	488	85.3%	882	759	86.1%	1006	877	87.2%	1048	901	86.0%	2936	2537	86.4%	1.1%
Dudley	2162	1057	48.9%	865	631	72.9%	781	629	80.5%	807	641	79.4%	2453	1901	77.5%	28.6%
Heart of Bham Teaching	3539	2590	73.2%	1255	929	74.0%	1157	842	72.8%	1148	784	68.3%	3560	2555	71.8%	-1.4%
Herefordshire	844	669	79.3%	409	314	76.8%	459	351	76.5%	415	305	73.5%	1283	970	75.6%	-3.7%
North Staffordshire	1190	1009	84.8%	406	358	88.2%	402	366	91.0%	436	378	86.7%	1244	1102	88.6%	3.8%
Sandwell	2758	2158	78.2%	1051	852	81.1%	1019	801	78.6%	1056	822	77.8%	3126	2475	79.2%	0.9%
Shropshire County	570	483	84.7%	496	414	83.5%	548	467	85.2%	439	362	82.5%	1483	1243	83.8%	-0.9%
Solihull	1006	849	84.4%	425	361	84.9%	406	329	81.0%	388	307	79.1%	1219	997	81.8%	-2.6%
South Birmingham	3286	2770	84.3%	1080	912	84.4%	1100	943	85.7%	1085	897	82.7%	3265	2752	84.3%	0.0%
South Staffordshire*	3472	3095	89.1%	1429	1245	87.1%	1508	1252	83.0%	1537	1348	87.7%	4474	3845	85.9%	*
Stoke on Trent	2492	2106	84.5%	798	698	87.5%	823	729	88.6%	863	746	86.4%	2484	2173	87.5%	3.0%
Telford and Wrekin	429	317	73.9%	324	221	68.2%	436	352	80.7%	362	262	72.4%	1122	835	74.4%	0.5%
Walsall Teaching	2384	1607	67.4%	819	687	83.9%	805	692	86.0%	882	778	88.2%	2506	2157	86.1%	18.7%
Warwickshire	2513	2241	89.2%	1300	1123	86.4%	1417	1281	90.4%	1412	1242	88.0%	4129	3646	88.3%	-0.9%
Wolverhampton City	1610	1316	81.7%	778	598	76.9%	793	689	86.9%	837	717	85.7%	2408	2004	83.2%	1.5%
Worcestershire	2340	1921	82.1%	837	704	84.1%	922	779	84.5%	431	360	83.5%	2190	1843	84.2%	2.1%

PCT data by residence

Range: 68.3 - 88.2%

UNIT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change 2009 → 2010
Alexandra Hospital	748	579	77.4%	389	319	82.0%	424	344	81.1%	74	62	83.8%	887	725	81.7%	4.3%
Birmingham Women's Hosp	5215	4514	86.6%	1676	1480	88.3%	1714	1532	89.4%	1809	1575	87.1%	5199	4587	88.2%	1.7%
City Hospital	1999	1310	65.5%	819	528	64.5%	814	522	64.1%	931	533	57.3%	2564	1583	61.7%	-3.8%
George Eliot Hospital	1377	1257	91.3%	535	474	88.6%	570	536	94.0%	598	524	87.6%	1703	1534	90.1%	-1.2%
Good Hope Hospital	1305	1136	87.0%	798	697	87.3%	768	694	90.4%	822	737	89.7%	2388	2128	89.1%	2.1%
Heartlands Hospital	3011	2246	74.6%	846	657	77.7%	996	772	77.5%	1100	891	81.0%	2942	2320	78.9%	4.3%
Hereford Hospital	929	748	80.5%	449	345	76.8%	496	384	77.4%	459	338	73.6%	1404	1067	76.0%	-4.5%
New Cross Hospital	1767	1477	83.6%	885	681	76.9%	942	813	86.3%	943	813	86.2%	2770	2307	83.3%	-0.3%
North Staffs (UHNS)	3847	3246	84.4%	1255	1103	87.9%	1290	1152	89.3%	1381	1195	86.5%	3926	3450	87.9%	3.5%
Queens Burton* & S. Johnson	1507	1349	89.5%	736	608	82.6%	791	581	73.5%	874	772	88.3%	2401	1961	81.7%	*
Russells Hall Hospital	2798	1510	54.0%	1068	796	74.5%	996	805	80.8%	944	750	79.4%	3008	2351	78.2%	24.2%
Sandwell Hospital	1645	1284	78.1%	585	462	79.0%	526	396	75.3%	572	437	76.4%	1683	1295	76.9%	-1.1%
Shrewsbury Hospital & MLUs	961	772	80.3%	858	668	77.9%	1042	867	83.2%	866	677	78.2%	2766	2212	80.0%	-0.4%
Solihull Hospital	1104	903	81.8%	582	492	84.5%	133	116	87.2%	23	18	78.3%	738	626	84.8%	3.0%
Stafford Hospital	1592	1440	90.5%	492	449	91.3%	514	467	90.9%	478	434	90.8%	1484	1350	91.0%	0.5%
Walsall Manor Hospital**	2487	1668	67.1%	901	770	85.5%	817	708	86.7%	933	815	87.4%	2651	2293	86.5%	19.4%
Walsgrave Hospital (UHCW)	622	538	86.5%	1081	937	86.7%	1305	1158	88.7%	1357	1178	86.8%	3743	3273	87.4%	0.9%
Warwick Hospital	1228	1072	87.3%	637	534	83.8%	661	548	82.9%	715	594	83.1%	2013	1676	83.3%	-4.0%
Worcestershire Royal Hosp	1552	1280	82.5%	447	380	85.0%	494	427	86.4%	281	230	81.9%	1222	1037	84.9%	2.4%

Percentages in grey represent small numbers (n<100) and should be interpreted with caution

Range: 57.3 - 90.8%

↑↓ : Statistically significant change

* Data quality issue identified Q1 2010 ** Data quality issue identified Q2 2009 - Resolved

Data quality

The record of completion of medical and social risk assessment is good overall, but our ongoing audits have identified areas for improvement which have been fed back to the units concerned. Gestational age at booking is validated by dating scans.

Performance & Progress

Comparing 2009 and 2010, there has been a significant improvement in early booking rates, with most PCTs and units achieving the 80% target. In some units such as Russells Hall and Walsall, there have been concerted efforts to achieve this target, and this is reflected in the results. Further overall improvement is needed as a new national target of 90% will apply by the end of Q4.

Additional comments

Units offering a home booking service tend to have a higher attainment rate and a more comprehensive assessment of social needs.

KPI 1b: Two antenatal contacts before 13 weeks

Target: 60%

< 40%	40-59%	≥ 60%
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www.pi.nhs.uk/rpnm/lfH_KPI_Evidence_Targets.pdf

KPI 1b - Two antenatal contacts before 13 weeks																
	2009 (Q1-Q3 2009/10)			Q4 2009/10			Q1 2010/11			Q2 2010/11			2010 (Q4 2009/10 - Q2 2010/11)			Change 2009 → 2010
	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	
West Midlands (PCTs)	26866	11894	44.3%	14653	7501	51.2%	14780	8002	54.1%	14548	7323	50.3%	43981	22826	51.9%	7.6% ↑

PCT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change
Birmingham East & North	2665	1117	41.9%	1448	763	52.7%	1227	673	54.8%	1444	768	53.2%	4119	2204	53.5%	11.6% ↑
Coventry Teaching	553	363	65.6%	889	627	70.5%	1009	679	67.3%	1046	668	63.9%	2944	1974	67.1%	1.4%
Dudley	1658	364	22.0%	877	199	22.7%	781	188	24.1%	807	191	23.7%	2465	578	23.4%	1.5%
Heart of Bham Teaching	2479	992	40.0%	1251	535	42.8%	1159	510	44.0%	1143	511	44.7%	3553	1556	43.8%	3.8% ↑
Herefordshire	654	417	63.8%	408	249	61.0%	459	294	64.1%	415	261	62.9%	1282	804	62.7%	-1.0%
North Staffordshire	796	443	55.7%	405	225	55.6%	400	223	55.8%	436	227	52.1%	1241	675	54.4%	-1.3%
Sandwell	1861	871	46.8%	1000	451	45.1%	938	438	46.7%	975	450	46.2%	2913	1339	46.0%	-0.8%
Shropshire County	480	354	73.8%	492	391	79.5%	544	422	77.6%	437	314	71.9%	1473	1127	76.5%	2.8%
Solihull	874	305	34.9%	452	206	45.6%	437	204	46.7%	400	179	44.8%	1289	589	45.7%	10.8% ↑
South Birmingham	2291	1350	58.9%	1082	673	62.2%	1100	714	64.9%	1084	624	57.6%	3266	2011	61.6%	2.6%
South Staffordshire	2898	975	33.6%	1467	507	34.6%	1528	522	34.2%	1553	482	31.0%	4548	1511	33.2%	-0.4%
Stoke on Trent	1643	718	43.7%	800	404	50.5%	824	345	41.9%	857	352	41.1%	2481	1101	44.4%	0.7%
Telford and Wrekin	345	210	60.9%	322	206	64.0%	435	314	72.2%	360	217	60.3%	1117	737	66.0%	5.1%
Walsall Teaching	1681	1197	71.2%	818	579	70.8%	798	573	71.8%	881	595	67.5%	2497	1747	70.0%	-1.2%
Warwickshire	2130	633	29.7%	1308	674	51.5%	1421	1000	70.4%	1410	904	64.1%	4139	2578	62.3%	32.6% ↑
Wolverhampton City	1524	518	34.0%	780	312	40.0%	793	361	45.5%	836	332	39.7%	2409	1005	41.7%	7.7% ↑
Worcestershire	2334	1067	45.7%	854	500	58.5%	927	542	58.5%	464	248	53.4%	2245	1290	57.5%	11.7% ↑

PCT data by residence

Range: 23.7 - 71.9%

UNIT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change
Alexandra Hospital	743	308	41.5%	387	274	70.8%	421	299	71.0%	79	53	67.1%	887	626	70.6%	29.1% ↑
Birmingham Women's Hosp	3548	2206	62.2%	1675	1130	67.5%	1714	1173	68.4%	1807	1149	63.6%	5196	3452	66.4%	4.3% ↑
City Hospital	1398	393	28.1%	812	199	24.5%	813	232	28.5%	930	248	26.7%	2555	679	26.6%	-1.5%
George Eliot Hospital	905	515	56.9%	534	331	62.0%	569	382	67.1%	597	331	55.4%	1700	1044	61.4%	4.5%
Good Hope Hospital	1106	694	62.7%	809	544	67.2%	778	516	66.3%	850	500	58.8%	2437	1560	64.0%	1.3%
Heartlands Hospital	2180	603	27.7%	966	328	34.0%	1096	436	39.8%	1164	511	43.9%	3226	1275	39.5%	11.9% ↑
Hereford Hospital	747	438	58.6%	450	252	56.0%	496	303	61.1%	459	265	57.7%	1405	820	58.4%	-0.3%
New Cross Hospital	1732	624	36.0%	890	360	40.4%	941	436	46.3%	943	383	40.6%	2774	1179	42.5%	6.5% ↑
North Staffs (UHNS)	2554	1188	46.5%	1257	646	51.4%	1289	597	46.3%	1375	601	43.7%	3921	1844	47.0%	0.5%
Queens Burton & S. Johnson	1729	904	52.3%	815	429	52.6%	860	428	49.8%	912	392	43.0%	2587	1249	48.3%	-4.0%
Russells Hall Hospital	2162	402	18.6%	1084	191	17.6%	997	196	19.7%	944	175	18.5%	3025	562	18.6%	0.0%
Sandwell Hospital	972	569	58.5%	506	299	59.1%	419	277	66.1%	469	282	60.1%	1394	858	61.5%	3.0%
Shrewsbury Hospital & MLUs	784	569	72.6%	849	630	74.2%	1034	775	75.0%	855	579	67.7%	2738	1984	72.5%	-0.1%
Solihull Hospital	1086	418	38.5%	586	298	50.9%	134	72	53.7%	23	12	52.2%	743	382	51.4%	12.9% ↑
Stafford Hospital	1081	95	8.8%	492	34	6.9%	513	32	6.2%	478	40	8.4%	1483	106	7.1%	-1.6%
Walsall Manor Hospital	1784	1211	67.9%	903	615	68.1%	816	549	67.3%	932	592	63.5%	2651	1756	66.2%	-1.6%
Walsgrave Hospital (UHCW)	625	452	72.3%	1091	770	70.6%	1309	888	67.8%	1355	876	64.6%	3755	2534	67.5%	-4.8%
Warwick Hospital	1231	86	7.0%	639	235	36.8%	662	484	73.1%	714	489	68.5%	2015	1208	60.0%	53.0% ↑
Worcestershire Royal Hosp	1626	743	45.7%	466	225	48.3%	501	241	48.1%	311	148	47.6%	1278	614	48.0%	2.3%

Percentages in grey represent small numbers (n<100) and should be interpreted with caution

Range: 8.4 - 68.5%

↑ ↓ : Statistically significant change

Data quality

Some units combine dating scan with an antenatal contact, but this is not always clear within the documentation.

Performance & Progress

There has been significant progress towards this target across the region.

Additional comments

KPI 1b is added as a secondary indicator based on the recommendation within NSF Standard 11 (collected since Q2 2009).

Two antenatal contacts are recommended to allow women time to consider offers of blood tests and screening before these are taken.

Units which combine dating scans with a midwifery contact tend to find it easier to fulfil this target.

KPI 3: Antenatal Detection of Fetal Growth Restriction

FGR = fetal growth restriction; IUGR = intrauterine growth restriction; SGA = small for gestational age; EFW = estimated fetal weight by ultrasound (FGR and IUGR are defined as birthweight or estimated weight below the 10th customised centile - see www.pi.nhs.uk/growth)

Annual target: increase by >10%

≤5%	5%-10%	10%≥
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IFH 3-year project target: 60% detection
www.pi.nhs.uk/rpnm/ifh_KPI_Evidence_Targets.pdf

KPI 3: Antenatal detection of fetal growth restriction														
	2009 (Q1 - Q3)						2010 (Q4 2009/10 - Q2 2010/11)							
	Cases with required data	Births with FGR (birthweight <10th cust.centile)		Of all births with FGR, cases where SGA, FGR or IUGR was recorded in antenatal notes		Record of <i>either</i> SGA/FGR/IUGR in the notes, <i>or</i> : EFW <10th customised centile recorded		Cases with required data	Births with FGR (birthweight <10th cust.centile)		Of all births with FGR, cases where SGA, FGR or IUGR was recorded in antenatal notes		Record of <i>either</i> SGA/FGR/IUGR in the notes, <i>or</i> : EFW <10th customised centile recorded	
		Total	n	%	n	%	n		%	Total	n	%	n	%
West Midlands (PCTs)	33721	4806	14.3%	1021	21.2%	1445	30.1%	42729	5863	13.7%	1317	22.5%	1801	30.7%

PCT	Total	n	%	n	%	n	%	Total	n	%	n	%	n	%
Birmingham East & North	3389	454	13.4%	100	22.0%	149	32.8%	3981	540	13.6%	115	21.3%	171	31.7%
Coventry Teaching	543	79	14.5%	8	10.1%	21	26.6%	2870	368	12.8%	51	13.9%	86	23.4%
Dudley	2136	313	14.7%	47	15.0%	75	24.0%	2357	360	15.3%	40	11.1%	63	17.5%
Heart of Bham Teaching	3436	504	14.7%	80	15.9%	136	27.0%	3481	493	14.2%	100	20.3%	151	30.6%
Herefordshire	764	98	12.8%	2	2.0%	10	10.2%	1242	159	12.8%	17	10.7%	47	29.6%
North Staffordshire	1160	151	13.0%	52	34.4%	61	40.4%	1203	178	14.8%	55	30.9%	63	35.4%
Sandwell	2703	407	15.1%	111	27.3%	133	32.7%	2993	444	14.8%	119	26.8%	155	34.9%
Shropshire County	563	75	13.3%	14	18.7%	16	21.3%	1457	180	12.4%	28	15.6%	33	18.3%
Solihull	1004	124	12.4%	33	26.6%	43	34.7%	1245	168	13.5%	49	29.2%	61	36.3%
South Birmingham	3200	457	14.3%	52	11.4%	133	29.1%	3191	424	13.3%	82	19.3%	134	31.6%
South Staffordshire	3520	481	13.7%	128	26.6%	164	34.1%	4418	538	12.2%	155	28.8%	201	37.4%
Stoke on Trent	2445	385	15.7%	144	37.4%	163	42.3%	2438	381	15.6%	132	34.6%	153	40.2%
Telford and Wrekin	422	64	15.2%	14	21.9%	15	23.4%	1082	156	14.4%	26	16.7%	35	22.4%
Walsall Teaching	2326	431	18.5%	102	23.7%	136	31.6%	2417	406	16.8%	117	28.8%	149	36.7%
Warwickshire	2432	288	11.8%	65	22.6%	88	30.6%	4036	488	12.1%	134	27.5%	173	35.5%
Wolverhampton City	1470	213	14.5%	19	8.9%	20	9.4%	2227	319	14.3%	42	13.2%	45	14.1%
Worcestershire	2208	282	12.8%	50	17.7%	82	29.1%	2091	261	12.5%	55	21.1%	81	31.0%

PCT data by residence

Range: 9.4 - 42.3%

Range: 14.1 - 40.2%

UNIT	Total	n	%	n	%	n	%	Total	n	%	n	%	n	%
Alexandra Hospital	615	73	11.9%	15	20.5%	22	30.1%	798	109	13.7%	19	17.4%	29	26.6%
Birmingham Women's Hosp	5075	730	14.4%	85	11.6%	191	26.2%	5064	692	13.7%	139	20.1%	211	30.5%
City Hospital	1919	303	15.8%	47	15.5%	80	26.4%	2458	380	15.5%	79	20.8%	128	33.7%
George Eliot Hospital	1316	186	14.1%	39	21.0%	54	29.0%	1649	208	12.6%	55	26.4%	70	33.7%
Good Hope Hospital	1271	152	12.0%	13	8.6%	45	29.6%	2342	285	12.2%	32	11.2%	88	30.9%
Heartlands Hospital	2990	454	15.2%	125	27.5%	163	35.9%	3106	461	14.8%	134	29.1%	159	34.5%
Hereford Hospital	848	114	13.4%	3	2.6%	13	11.4%	1366	167	12.2%	17	10.2%	52	31.1%
New Cross Hospital	1618	250	15.5%	21	8.4%	23	9.2%	2574	368	14.3%	45	12.2%	46	12.5%
North Staffs (UHNS)	3764	558	14.8%	209	37.5%	238	42.7%	3840	579	15.1%	196	33.9%	226	39.0%
Queens Burton &. Johnson	1752	217	12.4%	51	23.5%	65	30.0%	2512	296	11.8%	78	26.4%	96	32.4%
Russells Hall Hospital	2801	412	14.7%	64	15.5%	96	23.3%	2893	440	15.2%	44	10.0%	71	16.1%
Sandwell Hospital	1520	228	15.0%	77	33.8%	90	39.5%	1614	225	13.9%	82	36.4%	95	42.2%
Shrewsbury Hospital & MLUs	928	132	14.2%	27	20.5%	29	22.0%	2680	357	13.3%	57	16.0%	71	19.9%
Solihull Hospital	1104	111	10.1%	18	16.2%	24	21.6%	736	75	10.2%	12	16.0%	14	18.7%
Stafford Hospital	1565	212	13.5%	72	34.0%	91	42.9%	1454	200	13.8%	79	39.5%	100	50.0%
Walsall Manor Hospital	2492	447	17.9%	112	25.1%	146	32.7%	2528	420	16.6%	124	29.5%	163	38.8%
Walsgrave Hospital (UHCW)	592	78	13.2%	5	6.4%	18	23.1%	3643	486	13.3%	74	15.2%	124	25.5%
Warwick Hospital	1209	128	10.6%	34	26.6%	40	31.3%	1993	201	10.1%	58	28.9%	68	33.8%
Worcestershire Royal Hosp	1539	197	12.8%	38	19.3%	63	32.0%	1209	138	11.4%	35	25.4%	51	37.0%

Percentages in grey represent small numbers (n<100) in the IUGR column and should be interpreted with caution

Range: 9.2 - 42.9%

Range: 12.5 - 50.0%

↑↓ : Statistically significant or * borderline

Data quality

This indicator describes a subgroup (antenatal detection) of a subgroup (pregnancies with FGR), and assessment of trends is becoming possible for the first time. The table shows FGR/IUGR data for the 3 quarters of 2009 compared to the 3 quarters of 2010. Traffic light / 'RAG' rating will be included in the next annual report. 'Antenatal detection' is based on close scrutiny of case notes and growth charts. Case note audit of FGR cases has shown that ascertainment by data clerks is reliable. However, clinicians' recording of detection of SGA / FGR / IUGR is often poor; therefore a record of an EFW <10th centile was included as an additional indicator.

Performance & Progress

The rates of babies with fetal growth restriction ranges from 12.1% to 16.8% in the PCTs of the West Midlands. FGR varies with factors such as deprivation and smoking. There was only a small overall increase in detection rates from 2009 (30.1%) to 2010 (30.7%). However the wide range of detection rates between units suggests room for improvement. The unit with the lowest detection rate (12.5%) has not had GROW training and is the only one in the West Midlands not using customised charts for their population.

Increased detection rates tend to reflect service improvements. The largest increase was in Hereford, who have undertaken a comprehensive in-house IUGR audit and review. Good progress is also evident in Birmingham (Women's and City Hospitals) as a result of their participation of the 'CoGS' fetal growth pilot (see www.pi.nhs.uk/coqs). Russells Hall showed a decrease in detection rates; the unit has already identified this problem and is taking steps to address it.

Additional comments

Confidential enquiries into perinatal deaths have highlighted importance of antenatal detection of FGR. Free accredited GROW training is provided by PI in fortnightly workshops.

KPI 4: Smoking in early pregnancy (at booking)

	Smoking at booking															
	2009 (Q1-Q3 2009/10)			Q4 2009/10			Q1 2010/11			Q2 2010/11			2010 (Q4 2009/10 - Q2 2010/11)			Change 2009 → 2010
	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	
West Midlands (PCTs)	35449	6876	19.4%	14785	2864	19.4%	14886	2728	18.3%	14657	2717	18.5%	44328	8309	18.7%	-0.7%

PCT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change 2009 → 2010
Birmingham East and North	3564	569	16.0%	1453	268	18.4%	1229	195	15.9%	1432	219	15.3%	4114	682	16.6%	0.6%
Coventry Teaching	573	123	21.5%	892	160	17.9%	1010	185	18.3%	1052	190	18.1%	2954	535	18.1%	-3.4%
Dudley	2276	435	19.1%	865	193	22.3%	783	140	17.9%	808	151	18.7%	2456	484	19.7%	0.6%
Heart of Bham Teaching	3587	324	9.0%	1260	124	9.8%	1160	111	9.6%	1157	92	8.0%	3577	327	9.1%	0.1%
Herefordshire	657	128	19.5%	411	74	18.0%	459	92	20.0%	415	86	20.7%	1285	252	19.6%	0.1%
North Staffordshire	1191	274	23.0%	405	88	21.7%	399	86	21.6%	440	97	22.0%	1244	271	21.8%	-1.2%
Sandwell	2919	567	19.4%	1057	190	18.0%	1013	199	19.6%	1056	187	17.7%	3126	576	18.4%	-1.0%
Shropshire County	592	125	21.1%	512	103	20.1%	559	89	15.9%	452	96	21.2%	1523	288	18.9%	-2.2%
Solihull	1043	230	22.1%	452	97	21.5%	437	76	17.4%	398	76	19.1%	1287	249	19.3%	-2.7%
South Birmingham	3312	698	21.1%	1090	216	19.8%	1102	212	19.2%	1079	207	19.2%	3271	635	19.4%	-1.7%
South Staffordshire	3698	722	19.5%	1471	277	18.8%	1527	276	18.1%	1549	292	18.9%	4547	845	18.6%	-0.9%
Stoke on Trent	2522	714	28.3%	811	212	26.1%	825	214	25.9%	868	228	26.3%	2504	654	26.1%	-2.2%
Telford and Wrekin	442	112	25.3%	329	90	27.4%	441	126	28.6%	372	94	25.3%	1142	310	27.1%	1.8%
Walsall Teaching	2483	582	23.4%	818	205	25.1%	799	194	24.3%	881	188	21.3%	2498	587	23.5%	0.1%
Warwickshire	2518	460	18.3%	1317	234	17.8%	1422	230	16.2%	1408	267	19.0%	4147	731	17.6%	-0.6%
Wolverhampton City	1649	367	22.3%	787	157	19.9%	793	155	19.5%	830	177	21.3%	2410	489	20.3%	-2.0%
Worcestershire	2423	446	18.4%	855	176	20.6%	928	148	15.9%	460	70	15.2%	2243	394	17.6%	-0.8%

PCT data by residence

Range: 8.0 - 26.3 %

UNIT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change 2009 → 2010
Alexandra Hospital	744	144	19.4%	386	78	20.2%	422	75	17.8%	75	8	10.7%	883	161	18.2%	-1.1%
Birmingham Women's Hosp	5227	790	15.1%	1680	244	14.5%	1710	241	14.1%	1802	257	14.3%	5192	742	14.3%	-0.8%
City Hospital	2075	263	12.7%	821	99	12.1%	806	109	13.5%	933	113	12.1%	2560	321	12.5%	-0.1%
George Eliot Hospital	1370	342	25.0%	538	137	25.5%	569	111	19.5%	590	143	24.2%	1697	391	23.0%	-1.9%
Good Hope Hospital	1333	259	19.4%	811	194	23.9%	776	142	18.3%	838	150	17.9%	2425	486	20.0%	0.6%
Heartlands Hospital	3157	517	16.4%	974	168	17.2%	1100	183	16.6%	1157	189	16.3%	3231	540	16.7%	0.3%
Hereford Hospital	952	186	19.5%	455	81	17.8%	505	101	20.0%	462	99	21.4%	1422	281	19.8%	0.2%
New Cross Hospital	1830	430	23.5%	899	179	19.9%	943	198	21.0%	940	208	22.1%	2782	585	21.0%	-2.5%
North Staffs (UHNS)	3883	1015	26.1%	1268	309	24.4%	1289	301	23.4%	1391	331	23.8%	3948	941	23.8%	-2.3%
Queens Burton & S. Johnson	1864	306	16.4%	812	143	17.6%	858	159	18.5%	910	151	16.6%	2580	453	17.6%	1.1%
Russells Hall Hospital	2982	559	18.7%	1072	231	21.5%	997	181	18.2%	946	166	17.5%	3015	578	19.2%	0.4%
Sandwell Hospital	1660	375	22.6%	576	124	21.5%	522	116	22.2%	572	121	21.2%	1670	361	21.6%	-1.0%
Shrewsbury Hospital & MLUs	976	219	22.4%	897	199	22.2%	1060	232	21.9%	890	204	22.9%	2847	635	22.3%	-0.1%
Solihull Hospital	1119	202	18.1%	587	101	17.2%	132	25	18.9%	22	5	22.7%	741	131	17.7%	-0.4%
Stafford Hospital	1601	342	21.4%	494	102	20.6%	512	100	19.5%	477	107	22.4%	1483	309	20.8%	-0.5%
Walsall Manor Hospital	2669	630	23.6%	898	213	23.7%	811	185	22.8%	926	198	21.4%	2635	596	22.6%	-1.0%
Walsgrave Hospital (UHCW)	627	127	20.3%	1095	192	17.5%	1310	249	19.0%	1359	252	18.5%	3764	693	18.4%	-1.8%
Warwick Hospital	1234	159	12.9%	643	81	12.6%	665	67	10.1%	717	84	11.7%	2025	232	11.5%	-1.4%
Worcestershire Royal Hosp	1637	314	19.2%	466	95	20.4%	502	80	15.9%	311	56	18.0%	1279	231	18.1%	-1.1%

Percentages in grey represent small numbers (n < 100) and should be interpreted with caution

Range: 11.7 - 24.2%

British Europeans	24702	6270	25.4%	10298	2568	24.9%	10651	2483	23.3%	10295	2488	24.2%	31244	7539	24.1%	-1.3%
Teenagers (<18 at delivery)	736	314	42.7%	309	143	46.3%	291	115	39.5%	255	101	39.6%	855	359	42.0%	-0.6%

Data quality

Data quality is good, with information well documented in the hand held pregnancy notes.

↑↓ : Statistically significant change

Performance & Progress

Smoking rates vary between PCTs and units, and are much higher in British Europeans and in teenagers.

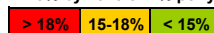
There has been a 0.7% overall decrease, and a 1.3% decrease in British-Europeans; in both instances, the drop was statistically significant. However there has been no significant change in smoking at booking in teenagers.

Comments

Smoking rates vary with social deprivation, presenting additional challenges for some units.

KPI 4: Smoking in late pregnancy (delivery)

To reduce smoking at delivery to
< 15% by 2010 or 1% per year



www.pi.nhs.uk/rpnm/ffh_KPI_Evidence_Targets.pdf

	Smoking at delivery													Change 2009 → 2010		
	2009 (Q1-Q3 2009/10)			Q4 2009/10			Q1 2010/11			Q2 2010/11			2010 (Q4 2009/10 - Q2 2010/11)			
	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data		n	%
West Midlands (PCTs)	31987	4539	14.2%	12811	1755	13.7%	13346	1703	12.8%	13252	1786	13.5%	39409	5244	13.3%	-0.9%

PCT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change
Birmingham East & North	3001	355	11.8%	1229	173	14.1%	990	110	11.1%	1029	107	10.4%	3248	390	12.0%	0.2%
Coventry Teaching	254	44	17.3%	248	24	9.7%	675	75	11.1%	875	98	11.2%	1798	197	11.0%	-6.4%
Dudley	2132	218	10.2%	799	62	7.8%	760	35	4.6%	810	55	6.8%	2369	152	6.4%	-3.8%
Heart of Bham Teaching	3198	180	5.6%	1127	79	7.0%	1046	50	4.8%	1053	61	5.8%	3226	190	5.9%	0.3%
Herefordshire	445	66	14.8%	279	33	11.8%	327	46	14.1%	311	38	12.2%	917	117	12.8%	-2.1%
North Staffordshire	1184	212	17.9%	411	68	16.5%	404	70	17.3%	438	79	18.0%	1253	217	17.3%	-0.6%
Sandwell	2646	298	11.3%	1002	123	12.3%	993	131	13.2%	1015	122	12.0%	3010	376	12.5%	1.2%
Shropshire County	583	102	17.5%	508	87	17.1%	553	79	14.3%	447	84	18.8%	1508	250	16.6%	-0.9%
Solihull	785	128	16.3%	342	62	18.1%	325	44	13.5%	263	34	12.9%	930	140	15.1%	-1.3%
South Birmingham	3132	510	16.3%	981	129	13.1%	1047	127	12.1%	1036	144	13.9%	3064	400	13.1%	-3.2%
South Staffordshire	3598	514	14.3%	1457	195	13.4%	1470	179	12.2%	1477	202	13.7%	4404	576	13.1%	-1.2%
Stoke on Trent	2496	561	22.5%	812	168	20.7%	821	177	21.6%	862	199	23.1%	2495	544	21.8%	-0.7%
Telford and Wrekin	438	99	22.6%	326	70	21.5%	442	109	24.7%	368	81	22.0%	1136	260	22.9%	0.3%
Walsall Teaching	2340	338	14.4%	804	142	17.7%	793	148	18.7%	878	143	16.3%	2475	433	17.5%	3.1%
Warwickshire	2088	294	14.1%	995	102	10.3%	1145	92	8.0%	1138	136	12.0%	3278	330	10.1%	-4.0%
Wolverhampton City	1637	329	20.1%	782	144	18.4%	792	139	17.6%	832	147	17.7%	2406	430	17.9%	-2.2%
Worcestershire	2030	291	14.3%	709	94	13.3%	763	92	12.1%	420	56	13.3%	1892	242	12.8%	-1.5%

PCT data by residence

Range: 5.8 - 23.1%

UNIT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change
Alexandra Hospital	542	71	13.1%	285	32	11.2%	311	34	10.9%	62	6	9.7%	658	72	10.9%	-2.2%
Birmingham Women's Hosp	5093	589	11.6%	1562	149	9.5%	1678	142	8.5%	1782	171	9.6%	5022	462	9.2%	-2.4%
City Hospital	1703	136	8.0%	713	59	8.3%	701	61	8.7%	822	72	8.8%	2236	192	8.6%	0.6%
George Eliot Hospital	1138	233	20.5%	479	59	12.3%	483	20	4.1%	432	57	13.2%	1394	136	9.8%	-10.7%
Good Hope Hospital	1095	167	15.3%	647	128	19.8%	626	78	12.5%	665	110	16.5%	1938	316	16.3%	1.1%
Heartlands Hospital	2682	331	12.3%	890	123	13.8%	815	103	12.6%	706	64	9.1%	2411	290	12.0%	-0.3%
Hereford Hospital	663	95	14.3%	298	36	12.1%	365	50	13.7%	341	42	12.3%	1004	128	12.7%	-1.6%
New Cross Hospital	1824	385	21.1%	898	165	18.4%	943	180	19.1%	937	172	18.4%	2778	517	18.6%	-2.5%
North Staffs (UHNS)	3842	784	20.4%	1276	247	19.4%	1290	248	19.2%	1383	281	20.3%	3949	776	19.7%	-0.8%
Queens Burton & S. Johnson	1842	218	11.8%	866	117	13.5%	868	118	13.6%	916	112	12.2%	2650	347	13.1%	1.3%
Russells Hall Hospital	2782	261	9.4%	988	70	7.1%	974	49	5.0%	952	58	6.1%	2914	177	6.1%	-3.3%
Sandwell Hospital	1497	191	12.8%	577	94	16.3%	529	84	15.9%	565	92	16.3%	1671	270	16.2%	3.4%
Shrewsbury Hospital & MLUs	969	195	20.1%	891	163	18.3%	1063	200	18.8%	887	171	19.3%	2841	534	18.8%	-1.3%
Solihull Hospital	751	86	11.5%	373	38	10.2%	89	9	10.1%	18	2	11.1%	480	49	10.2%	-1.2%
Stafford Hospital	1579	255	16.1%	474	58	12.2%	487	49	10.1%	447	63	14.1%	1408	170	12.1%	-4.1%
Walsall Manor Hospital	2534	365	14.4%	889	145	16.3%	808	144	17.8%	929	149	16.0%	2626	438	16.7%	2.3%
Walsgrave Hospital (UHCW)	201	25	12.4%	291	27	9.3%	886	107	12.1%	1157	133	11.5%	2334	267	11.4%	-1.0%
Warwick Hospital	1103	106	9.6%	513	47	9.2%	544	37	6.8%	587	54	9.2%	1644	138	8.4%	-1.2%
Worcestershire Royal Hosp	1438	233	16.2%	414	65	15.7%	442	63	14.3%	281	48	17.1%	1137	176	15.5%	-0.7%

Percentages in grey represent small numbers (n < 100) and should be interpreted with caution

Range: 6.1 - 20.3%

British Europeans	22133	4163	18.8%	8861	1589	17.9%	9500	1551	16.3%	9269	1629	17.6%	27630	4769	17.3%	-1.5%
Teenagers (<18 at delivery)	644	215	33.4%	259	83	32.0%	274	79	28.8%	237	72	30.4%	770	234	30.4%	-3.0%

↑↓ Statistically significant change

Data quality

This information represents individual case-by case data and is therefore more accurate than unit estimates.

Wherever possible, the smoking-at-delivery information should be ascertained as part of the maternal history at the time of admission to delivery suite

Performance & Progress

There has been progress resulting in a significant decrease in smoking rates during pregnancy, overall as well in British Europeans.

There was also a drop in smoking rates in teenagers, although with small numbers this did not quite reach statistical significance.

The substantial improvement at George Eliot's followed increased recent efforts aided by a CQUIN.

Smoking Cessation (includes cases where data are available at both beginning and end of pregnancy)

	2009 (Q1, Q2 & Q3 2009/10)				2010 (Q4 2009/10, Q1 & Q2 2010/11)				Change 2009 → 2010 %
	Smokers at booking	Of these, still smoking at end of pregnancy	Cessation Rate		Smokers at booking	Of these, still smoking at end of pregnancy	Cessation Rate		
	n	n	n	%	n	n	n	%	
West Midlands (PCTs)	5807	4342	1465	25.2%	6862	4985	1877	27.4%	2.2% ↑

PCT	Smokers at booking	Of these, still smoking at end of pregnancy	Cessation Rate		Smokers at booking	Of these, still smoking at end of pregnancy	Cessation Rate		Change 2009 → 2010 %
	n	n	n	%	n	n	n	%	
Birmingham East and North	433	340	93	21.5%	472	361	111	23.5%	2.0%
Coventry Teaching	47	39	8	17.0%	252	183	69	27.4%	10.4%
Dudley	364	202	162	44.5%	452	141	311	68.8%	24.3% ↑
Heart of Birmingham Teaching	248	168	80	32.3%	271	172	99	36.5%	4.3%
Herefordshire	101	75	26	25.7%	152	107	45	29.6%	3.9%
North Staffordshire	269	204	65	24.2%	271	213	58	21.4%	-2.8%
Sandwell	446	273	173	38.8%	536	358	178	33.2%	-5.6%
Shropshire County	117	97	20	17.1%	284	243	41	14.4%	-2.7%
Solihull	155	126	29	18.7%	175	139	36	20.6%	1.9%
South Birmingham	635	482	153	24.1%	561	376	185	33.0%	8.9% ↑
South Staffordshire	677	492	185	27.3%	744	548	196	26.3%	-1.0%
Stoke on Trent	694	546	148	21.3%	645	521	124	19.2%	-2.1%
Telford and Wrekin	110	97	13	11.8%	305	254	51	16.7%	4.9%
Walsall Teaching	465	333	132	28.4%	561	425	136	24.2%	-4.1%
Warwickshire	345	276	69	20.0%	410	320	90	22.0%	2.0%
Wolverhampton City	359	314	45	12.5%	482	408	74	15.4%	2.8%
Worcestershire	342	278	64	18.7%	289	216	73	25.3%	6.5% ↑

PCT data by residence

Range: 14.4 - 68.8%

UNIT	Smokers at booking	Of these, still smoking at end of pregnancy	Cessation Rate		Smokers at booking	Of these, still smoking at end of pregnancy	Cessation Rate		Change 2009 → 2010 %
	n	n	n	%	n	n	n	%	
Alexandra Hospital	93	69	24	25.8%	96	63	33	34.4%	8.6%
Birmingham Women's Hospital	741	548	193	26.0%	682	433	249	36.5%	10.5% ↑
City Hospital	192	126	66	34.4%	259	171	88	34.0%	-0.4%
George Eliot Hospital	265	212	53	20.0%	170	132	38	22.4%	2.4%
Good Hope Hospital	206	155	51	24.8%	357	287	70	19.6%	-5.1%
Heartlands Hospital	389	325	64	16.5%	373	283	90	24.1%	7.7% ↑
Hereford Hospital	118	92	26	22.0%	163	116	47	28.8%	6.8%
New Cross Hospital	422	369	53	12.6%	580	494	86	14.8%	2.3%
North Staffs (UHNS)	988	761	227	23.0%	933	749	184	19.7%	-3.3%
Queens Burton & Samuel Johnson	297	201	96	32.3%	449	322	127	28.3%	-4.0%
Russells Hall Hospital	457	243	214	46.8%	542	165	377	69.6%	22.7% ↑
Sandwell Hospital	293	177	116	39.6%	346	259	87	25.1%	-14.4% ↓
Shrewsbury Hospital & MLUs	212	187	25	11.8%	620	519	101	16.3%	4.5%
Solihull Hospital	115	84	31	27.0%	66	45	21	31.8%	4.9%
Stafford Hospital	327	247	80	24.5%	240	165	75	31.3%	6.8%
Walsall Manor Hospital	502	361	141	28.1%	570	432	138	24.2%	-3.9%
Walsgrave Hospital (UHCW)	30	24	6	20.0%	344	248	96	27.9%	7.9%
Warwick Hospital	131	106	25	19.1%	169	138	31	18.3%	-0.7%
Worcestershire Royal Hospital	257	219	38	14.8%	185	158	27	14.6%	-0.2%

Percentages in grey represent small numbers (n < 100) and should be interpreted with caution

Range: 14.6 - 69.6%

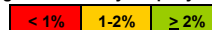
↑↓ Statistically significant change

Comments

Cessation rates for 2010 are 27.4%, which is a 2.2% increase from last year. However there is wide variation between units. Performance appears better in units where an OPT-OUT policy is in place for referral to smoking cessation services

KPI 5: Initiation of breastfeeding within 48hrs

Target: Increase by 2% per year



www.pi.nhs.uk/rpnm/fffh_KPI_Evidence_Targets.pdf

KPI 5 - Initiation of breastfeeding within 48hrs																
West Midlands (PCTs)	2009 (Q1-Q3 2009/10)			Q4 2009/10			Q1 2010/11			Q2 2010/11			2010 (Q4 2009/10 - Q2 2010/11)			Change 2009 → 2010
	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	
West Midlands (PCTs)	30756	18222	59.2%	12635	7417	58.7%	12938	7894	61.0%	12383	7534	60.8%	37956	22845	60.2%	1.0%

PCT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change
Birmingham East & North	2744	1444	52.6%	1273	726	57.0%	1066	651	61.1%	1210	724	59.8%	3549	2101	59.2%	6.6%
Coventry Teaching	264	145	54.9%	708	397	56.1%	830	488	58.8%	885	526	59.4%	2423	1411	58.2%	3.3%
Dudley	2130	1317	61.8%	780	417	53.5%	679	358	52.7%	634	306	48.3%	2093	1081	51.6%	-10.2%
Heart of Bham Teaching	2696	1717	63.7%	868	553	63.7%	835	531	63.6%	753	523	69.5%	2456	1607	65.4%	1.7%
Herefordshire	329	218	66.3%	218	134	61.5%	239	152	63.6%	269	183	68.0%	726	469	64.6%	-1.7%
North Staffordshire	1151	740	64.3%	402	248	61.7%	389	227	58.4%	420	262	62.4%	1211	737	60.9%	-3.4%
Sandwell	2513	1236	49.2%	776	399	51.4%	799	422	52.8%	653	325	49.8%	2228	1146	51.4%	2.3%
Shropshire County	561	399	71.1%	491	345	70.3%	537	383	71.3%	439	305	69.5%	1467	1033	70.4%	-0.7%
Solihull	825	440	53.3%	396	242	61.1%	384	248	64.6%	341	211	61.9%	1121	701	62.5%	9.2%
South Birmingham	3029	1905	62.9%	951	585	61.5%	946	598	63.2%	950	599	63.1%	2847	1782	62.6%	-0.3%
South Staffordshire	3379	2022	59.8%	1275	649	50.9%	1377	802	58.2%	1409	863	61.2%	4061	2314	57.0%	-2.9%
Stoke on Trent	2440	1332	54.6%	799	441	55.2%	808	459	56.8%	832	471	56.6%	2439	1371	56.2%	1.6%
Telford and Wrekin	417	263	63.1%	317	190	59.9%	429	261	60.8%	364	230	63.2%	1110	681	61.4%	-1.7%
Walsall Teaching	2224	1073	48.2%	665	296	44.5%	748	375	50.1%	802	415	51.7%	2215	1086	49.0%	0.8%
Warwickshire	2249	1549	68.9%	1168	797	68.2%	1275	894	70.1%	1263	835	66.1%	3706	2526	68.2%	-0.7%
Wolverhampton City	1592	882	55.4%	750	446	59.5%	766	453	59.1%	808	516	63.9%	2324	1415	60.9%	5.5%
Worcestershire	2213	1540	69.6%	798	552	69.2%	831	592	71.2%	351	240	68.4%	1980	1384	69.9%	0.3%

PCT data by residence

Range: 48.3 - 69.5%

UNIT	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Cases with required data	n	%	Change
Alexandra Hospital	725	489	67.4%	384	261	68.0%	411	285	69.3%	62	40	64.5%	857	586	68.4%	0.9%
Birmingham Women's Hospital	4810	3108	64.6%	1511	947	62.7%	1493	951	63.7%	1552	990	63.8%	4556	2888	63.4%	-1.2%
City Hospital	1238	777	62.8%	337	249	73.9%	443	307	69.3%	395	296	74.9%	1175	852	72.5%	9.7%
George Eliot Hospital	1302	773	59.4%	461	260	56.4%	531	336	63.3%	543	297	54.7%	1535	893	58.2%	-1.2%
Good Hope Hospital	945	583	61.7%	662	374	56.5%	657	409	62.3%	700	451	64.4%	2019	1234	61.1%	-0.6%
Heartlands Hospital	2381	1161	48.8%	905	497	54.9%	971	566	58.3%	1023	549	53.7%	2899	1612	55.6%	6.8%
Hereford Hospital	572	401	70.1%	238	146	61.3%	260	167	64.2%	296	194	65.5%	794	507	63.9%	-6.3%
New Cross Hospital	1760	959	54.5%	869	506	58.2%	910	536	58.9%	923	587	63.6%	2702	1629	60.3%	5.8%
North Staffs (UHNS)	3745	2184	58.3%	1254	725	57.8%	1268	744	58.7%	1335	800	59.9%	3857	2269	58.8%	0.5%
Queens Burton & S. Johnson	1652	1006	60.9%	632	270	42.7%	686	355	51.7%	805	479	59.5%	2123	1104	52.0%	-8.9%
Russells Hall Hospital	2791	1754	62.8%	959	520	54.2%	868	450	51.8%	735	364	49.5%	2562	1334	52.1%	-10.8%
Sandwell Hospital	1551	619	39.9%	466	206	44.2%	430	190	44.2%	394	160	40.6%	1290	556	43.1%	3.2%
Shrewsbury Hospital & MLUs	931	644	69.2%	856	579	67.6%	1035	697	67.3%	877	591	67.4%	2768	1867	67.4%	-1.7%
Solihull Hospital	890	516	58.0%	497	309	62.2%	113	69	61.1%	20	13	65.0%	630	391	62.1%	4.1%
Stafford Hospital	1550	881	56.8%	482	264	54.8%	494	278	56.3%	451	272	60.3%	1427	814	57.0%	0.2%
Walsall Manor Hospital	2394	1137	47.5%	704	318	45.2%	766	398	52.0%	848	436	51.4%	2318	1152	49.7%	2.2%
Walsgrave Hospital (UHCW)	237	128	54.0%	852	485	56.9%	1060	640	60.4%	1143	706	61.8%	3055	1831	59.9%	5.9%
Warwick Hospital	1119	892	79.7%	604	471	78.0%	622	496	79.7%	635	492	77.5%	1861	1459	78.4%	-1.3%
Worcestershire Royal Hospital	1454	1025	70.5%	414	290	70.0%	427	311	72.8%	228	156	68.4%	1069	757	70.8%	0.3%

Percentages in grey represent small numbers (n <100) and should be interpreted with caution

Range: 40.6 - 77.5%

British Europeans	21970	12224	55.6%	8936	4804	53.8%	9409	5265	56.0%	8977	5002	55.7%	27322	15071	55.2%	-0.5%
Teenagers (<18 at delivery)	661	208	31.5%	275	81	29.5%	257	77	30.0%	215	65	30.2%	747	223	29.9%	-1.6%

↑↓ Statistically significant change

Data quality

Overall quality of data for this indicator is good, and data clerks are trained to use both labour record and full postnatal and community care records. This makes the results of this indicator more reliable than other methods, where initiation after discharge from hospital may be missed. However collection of this indicator can still be difficult because of delay when the postnatal notes are taken home by the mother; or when the time of commencement is not recorded. Improved documentation around time of first breastfeed is essential.

Performance & Progress

There is wide variation in breastfeeding initiation rates around the region, which is in part related to differences in population characteristics including ethnicity. The overall rates show an increase in 1%, which is below the 2% target. The 09-10 comparison shows that breastfeeding initiation has dropped significantly in several units.