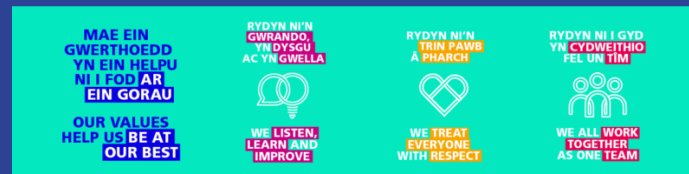




Maternity Metrics July / August 2022

Dr Suzanne Hardacre
Director of Midwifery & Nursing
20th September 2022

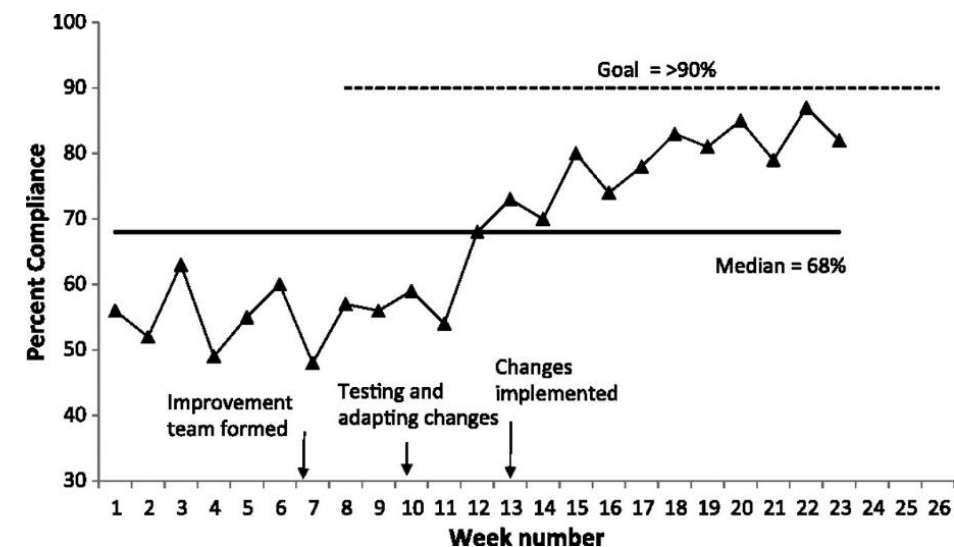




Time series data and its place in improvement

Measurement for improvement does not have to be complicated. Tracking a few measures over time and presenting the information well is fundamental to developing a change that works. Time series measurement can show us a number of important pieces of information:

- how well our current process is performing
- whether we have reached an aim
- how much variation is in our data/process
- the impact of tests of change
- whether the changes have resulted in an improvement
- whether a change has been sustained





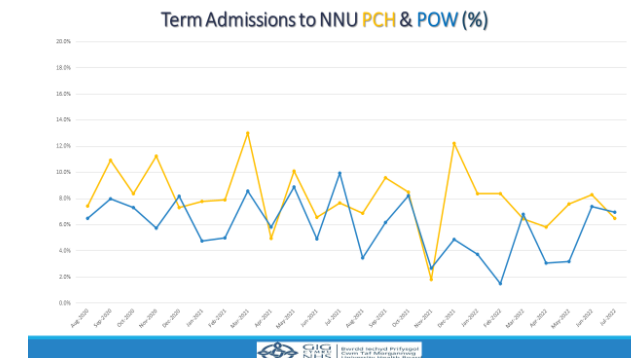
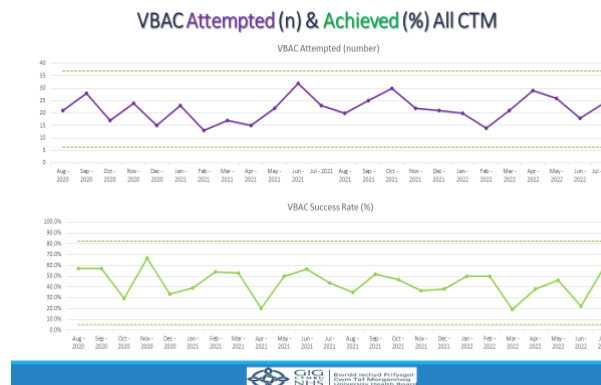
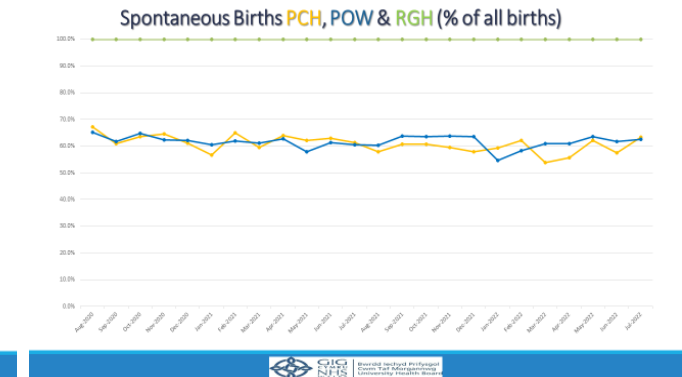
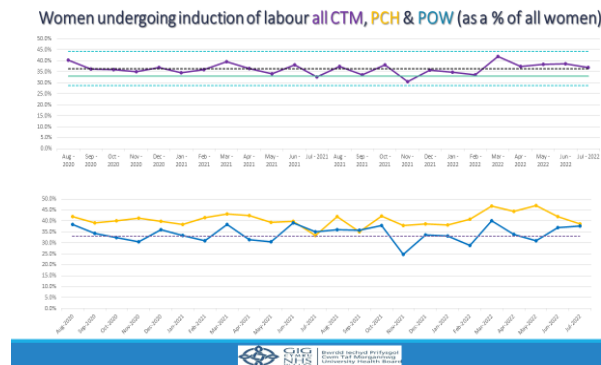
Using the Dashboard for Improvement

Key maternity metrics are presented at a number of multi-professional forums for discussion and identifying areas in need of improvement, including:

- Labour ward forum
- Joint governance
- Operational leads meetings

The data are presented in time series format for the preceding 2 years to allow easy identification of signals of change.

Opposite are some examples of the maternity dashboard data time series charts presented.



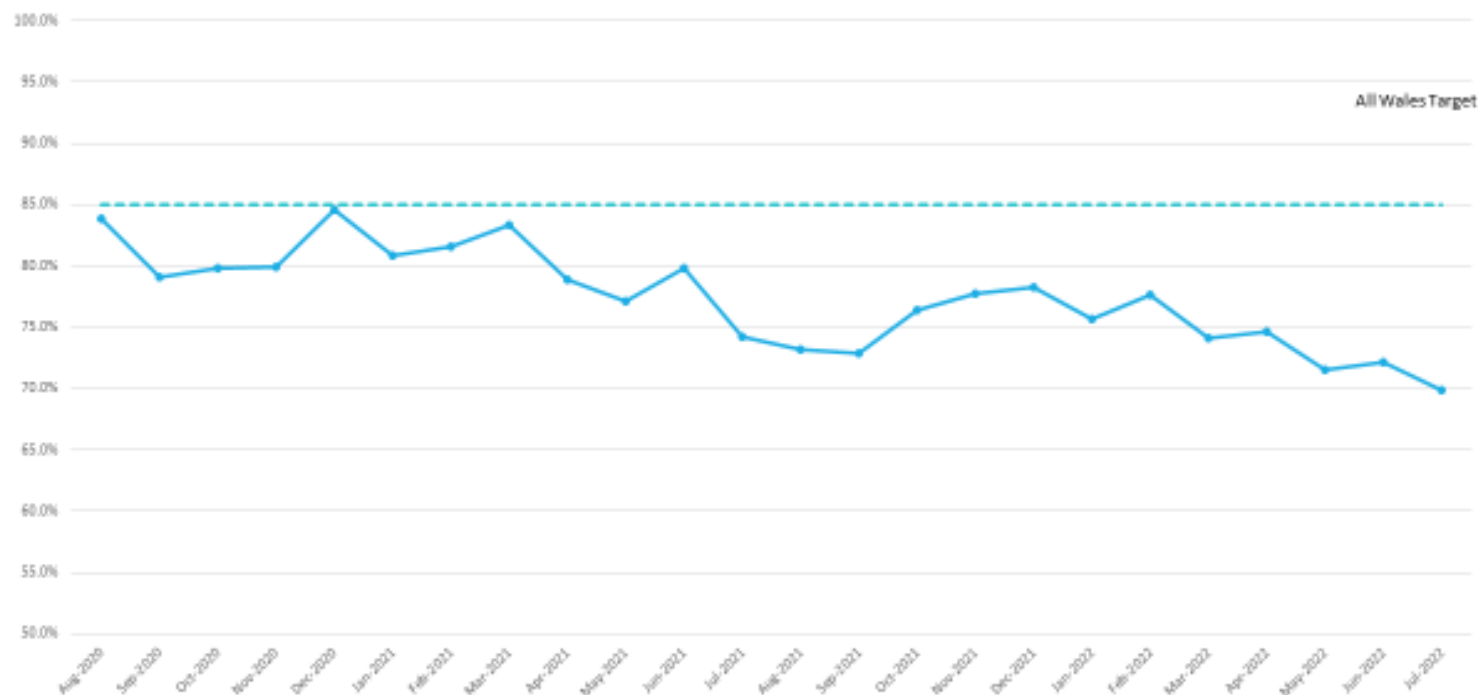


An example of monitoring the dashboard for signals of change

When this chart was presented at a Governance meeting, it identified an area in need of improvement and lead to the development of a quality improvement project to increase the number of women whose pregnancy is booked by 10 weeks gestation.

As improvements are implemented, this will continue to be monitored and will show us the impact of the changes we're making.

New Initial Assessments by 10 Weeks Gestation CTM (%)



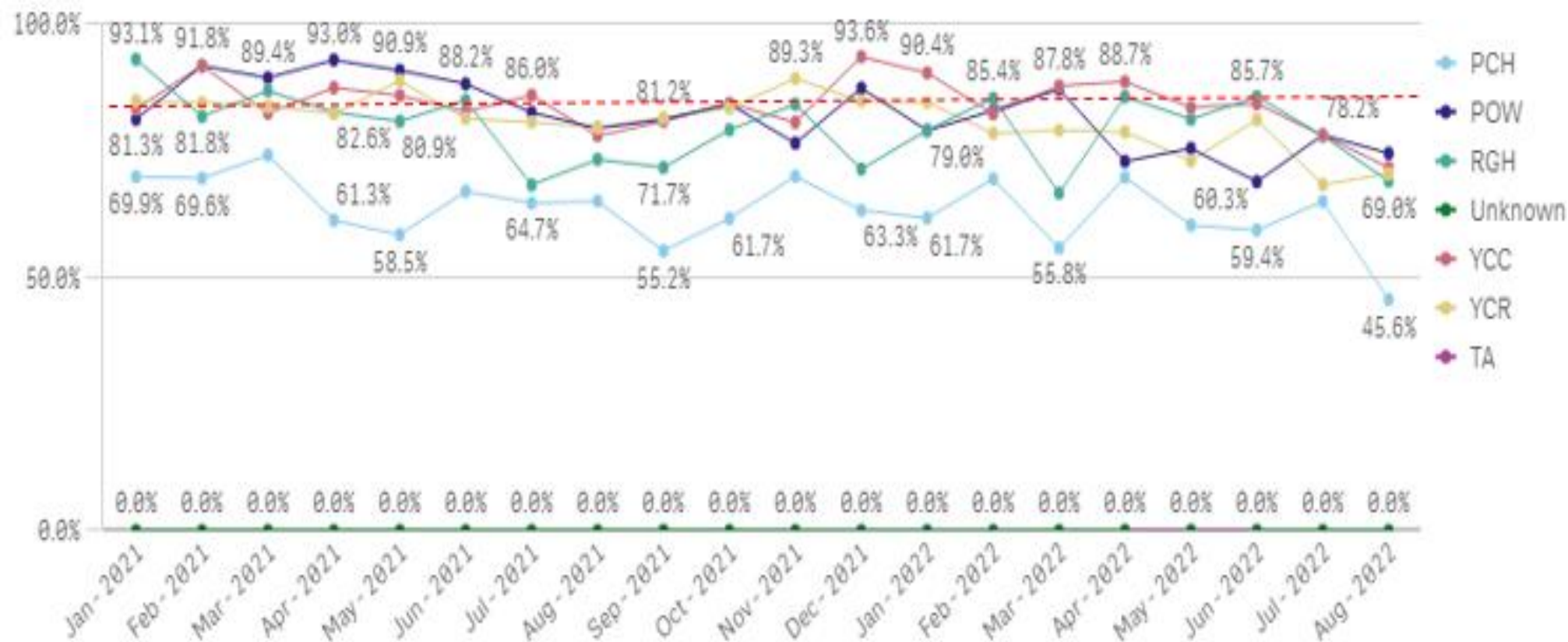


Bookings by 10 Completed Weeks

Area  		 Within 10 weeks 	 11- 15 weeks	 16- 20 weeks	 21- 25 weeks	 26- 30 weeks	 31- 35 weeks	 36- 40 weeks	 41- 45weeks	 Not stated	 Total women	 Within 10 weeks 	 11- 15 weeks	 16- 20 weeks	 21- 25 weeks	 26- 30 weeks	 31- 35 weeks	 36- 40 weeks
Wales		21,072	3,137	497	312	294	253	446	74	669	26,754	80.8	12.0	1.9	1.2	1.1	1.0	1.7
Wales	Betsi Cadwaladr	4,745	559	98	46	31	22	215	39	13	5,768	82.5	9.7	1.7	0.8	0.5	0.4	3.7
	Powys	216	36	2	2	6	1	0	0	0	263	82.1	13.7	0.8	0.8	2.3	0.4	0.0
	Hywel Dda	2,373	239	65	20	26	21	13	1	2	2,760	86.0	8.7	2.4	0.7	0.9	0.8	0.5
	Swansea Bay	2,505	406	50	25	26	30	15	2	0	3,059	81.9	13.3	1.6	0.8	0.8	1.0	0.5
	Cwm Taf Morgannwg	3,497	366	81	77	82	52	84	7	30	4,276	82.4	8.6	1.9	1.8	1.9	1.2	2.0
	Aneurin Bevan	3,530	745	86	48	58	54	81	24	616	5,242	76.3	16.1	1.9	1.0	1.3	1.2	1.8
	Cardiff & Vale	4,206	786	115	94	65	73	38	1	8	5,386	78.2	14.6	2.1	1.7	1.2	1.4	0.7



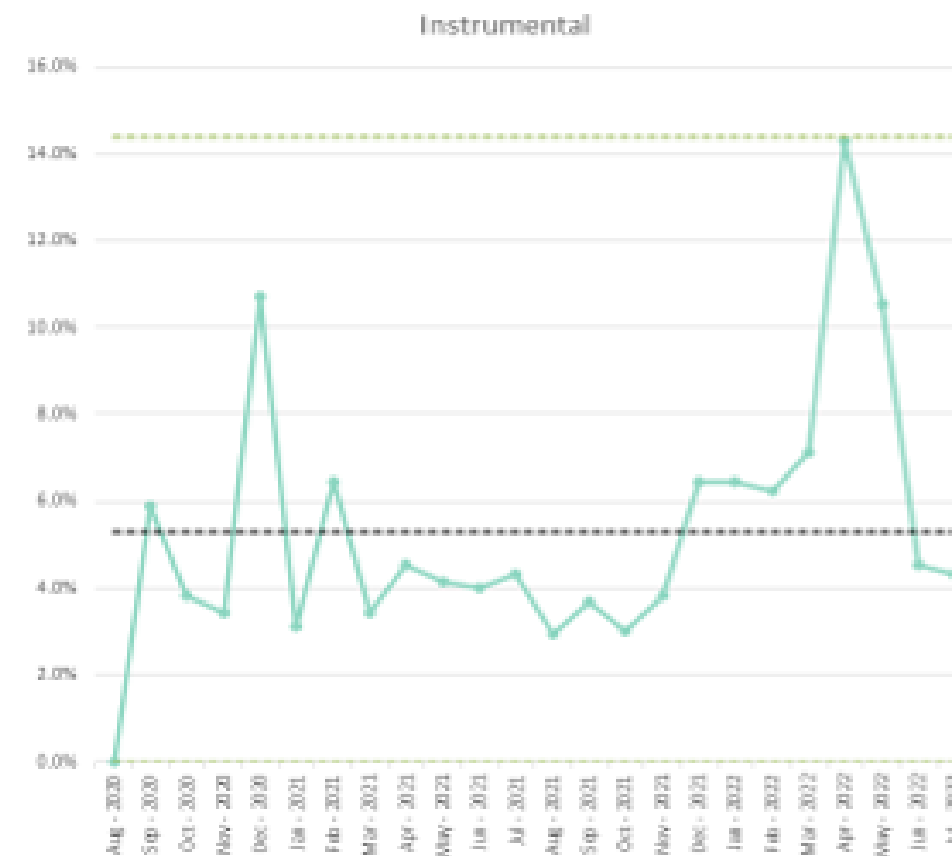
Booking by 10 completed weeks





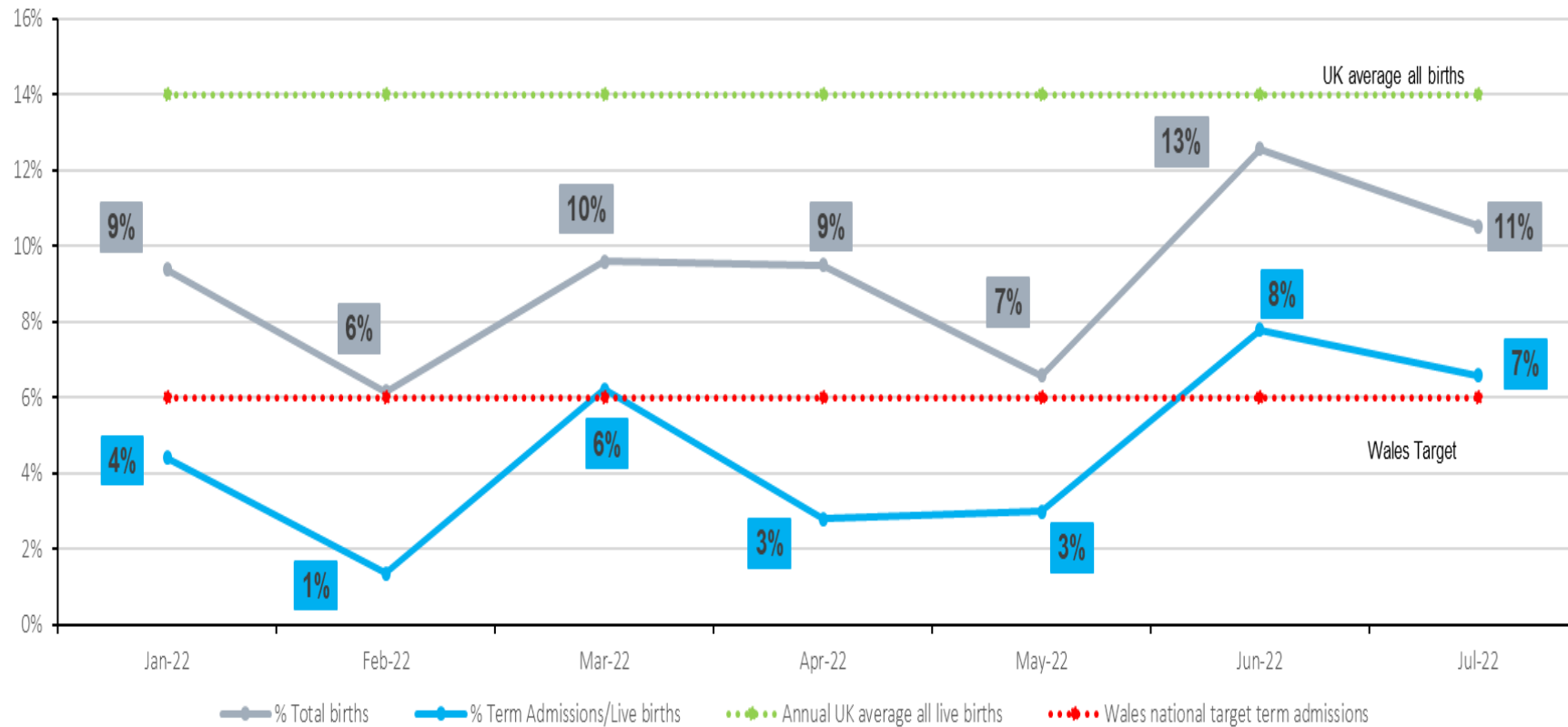
Using continuous data for improvement

- When this time series chart was shared in May 2022 showing a significant increase in 3rd & 4th degree tears following instrumental birth, it prompted a deeper dive into the issue and plans for improvement.
- Data presented in August showed a fall in the % of women experiencing an OASI
- This will continue to be monitored over time





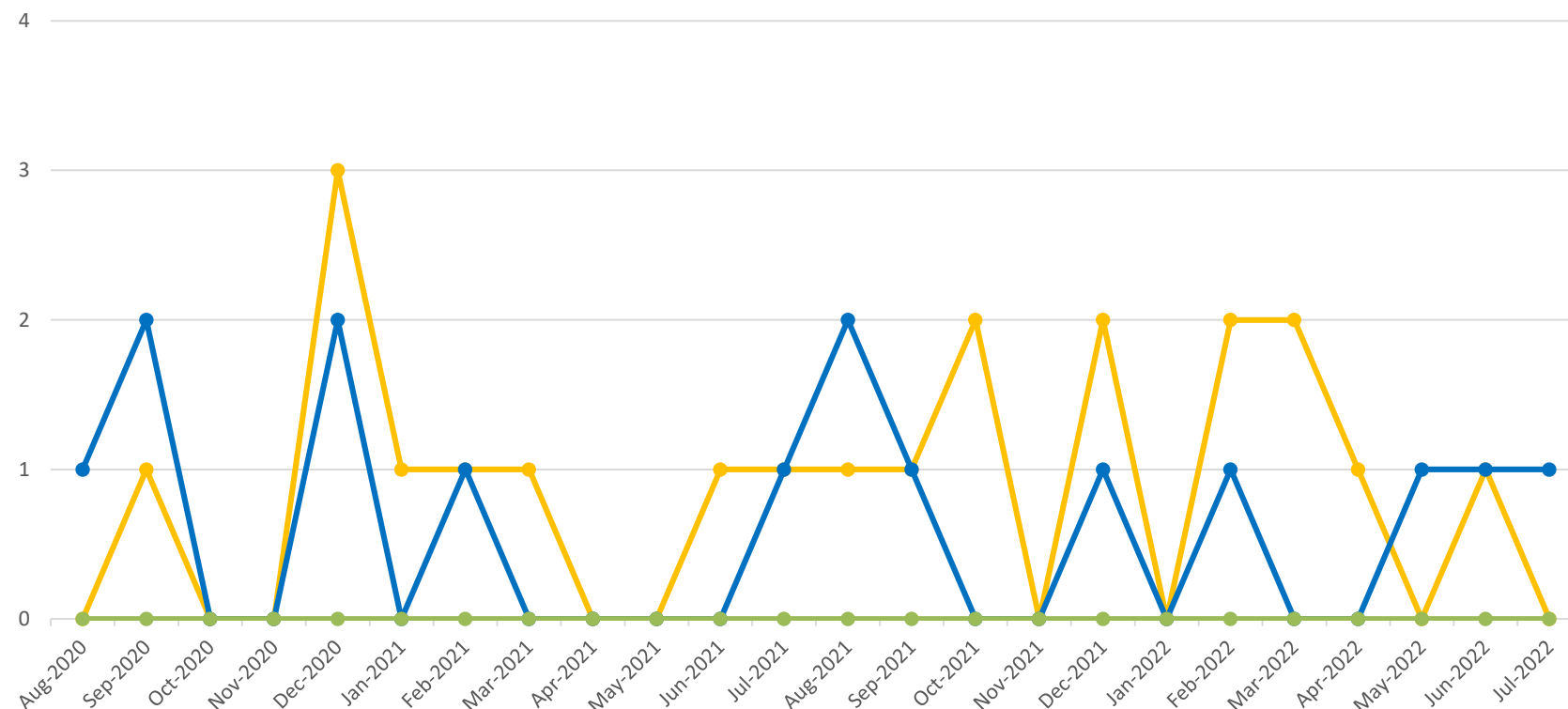
Term Admissions to the Neonatal Unit





Stillbirths

- CTM is not an outlier for stillbirth rates (MBRRACE 2021)
- These data appear very variable due to low numbers, however rates are stable with no signals of change or data outside normal variation.
- All cases are reported to DATIX and receive a rapid review within 72 hours.
- CTM's stillbirth review forum and Rainbow Baby Clinic are in development to provide enhanced continuity of carer for families experiencing pregnancy loss and planning for next pregnancy





Stillbirths

Year (2021)							
Year		Area Code					
		Measure					
Area		Antenatal records		Deliveries		Total births	
		Antenatal records		Deliveries		Live births	
						Still births	
						Not stated	
Wales		26,754		27,657		27,883	
						114	
						7	
						28,004	
Wales	Betsi Cadwaladr	5,768		5,799		5,851	
	Powys	263		265		265	
	Hywel Dda	2,760		2,922		2,936	
	Swansea Bay	3,059		3,449		3,485	
	Cwm Taf Morgannwg	4,276		4,543		4,568	
	Aneurin Bevan	5,242		5,285		5,342	
						26	
						0	
						5,368	
						26	
						5	
						5,467	

<https://statswales.gov.wales/Catalogue/Health-and-Social-Care/NHS-Primary-and-Community-Activity/Maternity/antenatalrecordslivebirthsandstillbirths-by-healthboardprovidingtheservice>

The annual births release covering stillbirths in 2021 is provisionally scheduled for release in July/August 2022. [Stillbirths in 2021 - Office for National Statistics \(ons.gov.uk\)](https://www.ons.gov.uk/publications/default.aspx?category=11)

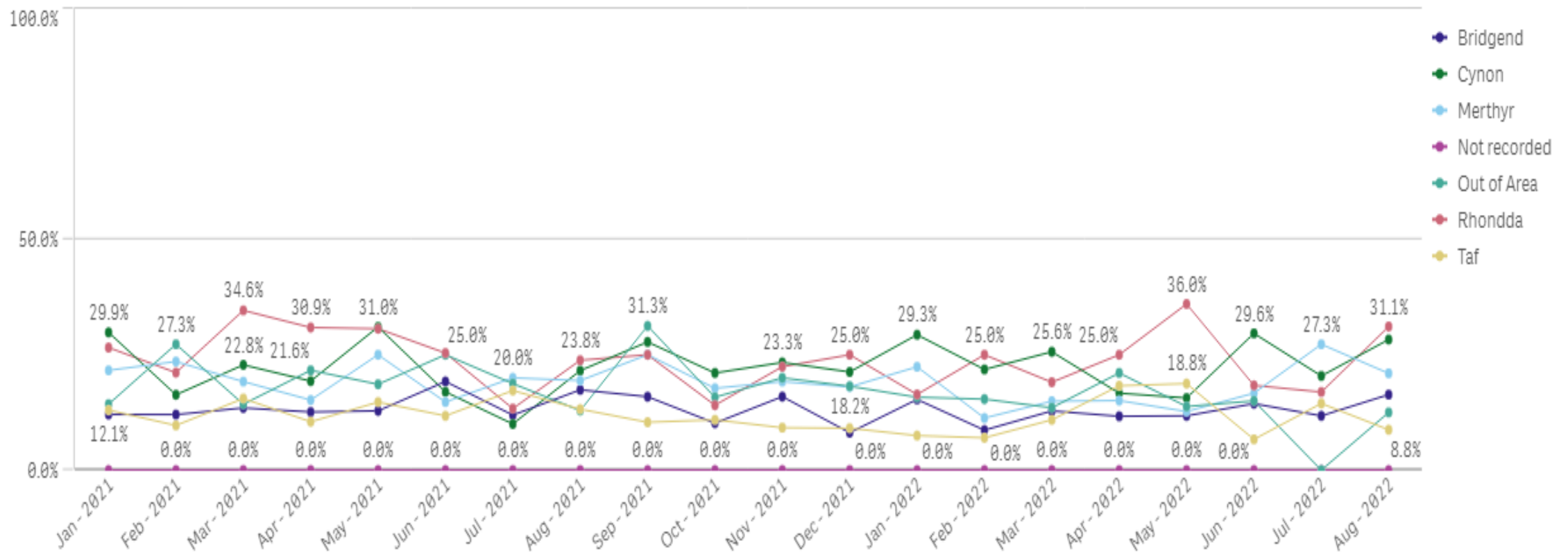


Stillbirths

[maternity-and-birth-statistics-2021-451.ods \(live.com\)](https://maternity-and-birth-statistics-2021-451.ods.live.com)

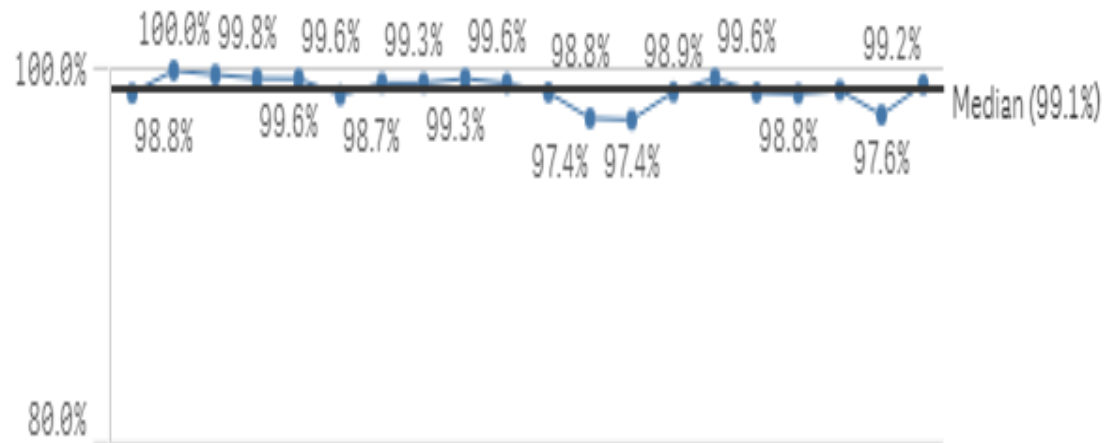
Source:
National
Community
Health
Database
(NCCHD)

Area Code	Local Health Board	Number of Live births: Singletons	Number of Live births: Multiples	Number of Live births: Total	Number of Still births	Total number of births
W11000023	Betsi Cadwaladr	6,127	83	6,211	25	6,236
W11000024	Powys Teaching	1,031	23	1,054	2	1,056
W11000025	Hywel Dda	2,994	73	3,067	19	3,086
W11000031	Swansea Bay	3,243	72	3,315	10	3,325
W11000030	Cwm Taf Morgannwg	4,166	47	4,213	18	4,231
W11000028	Aneurin Bevan	5,667	153	5,820	28	5,848
W11000029	Cardiff and Vale	4,968	99	5,067	25	5,092
W92000004	Wales [note 12]	28,322	556	28,879	128	29,007

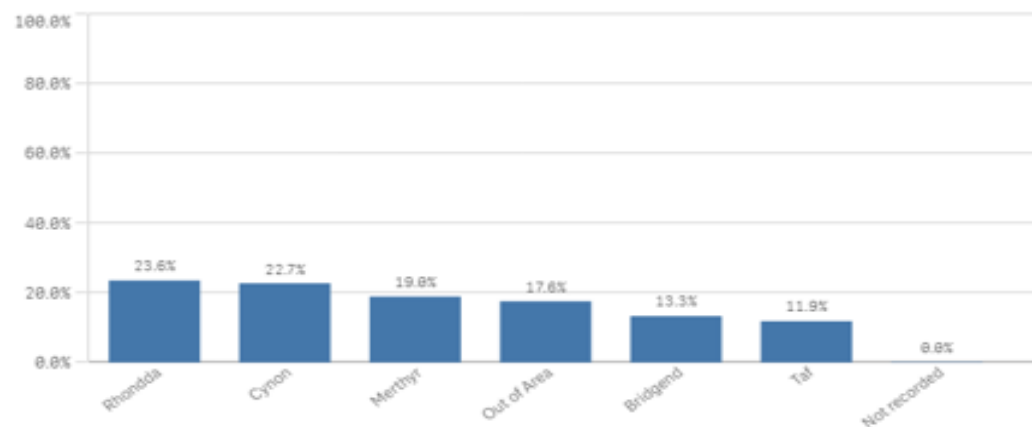




Smoking data



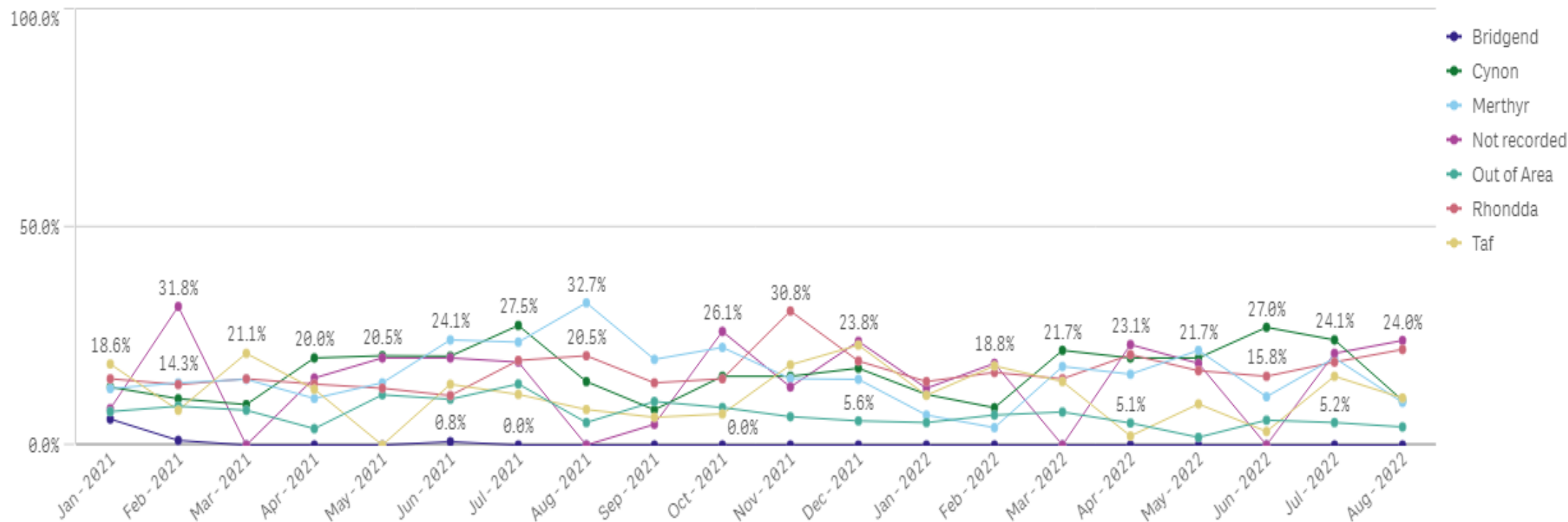
Data quality are generally very good across the Health Board, with a 99.1% median completion rate.



Smoking in pregnancy rates are highest in Rhondda and lowest in Taf.



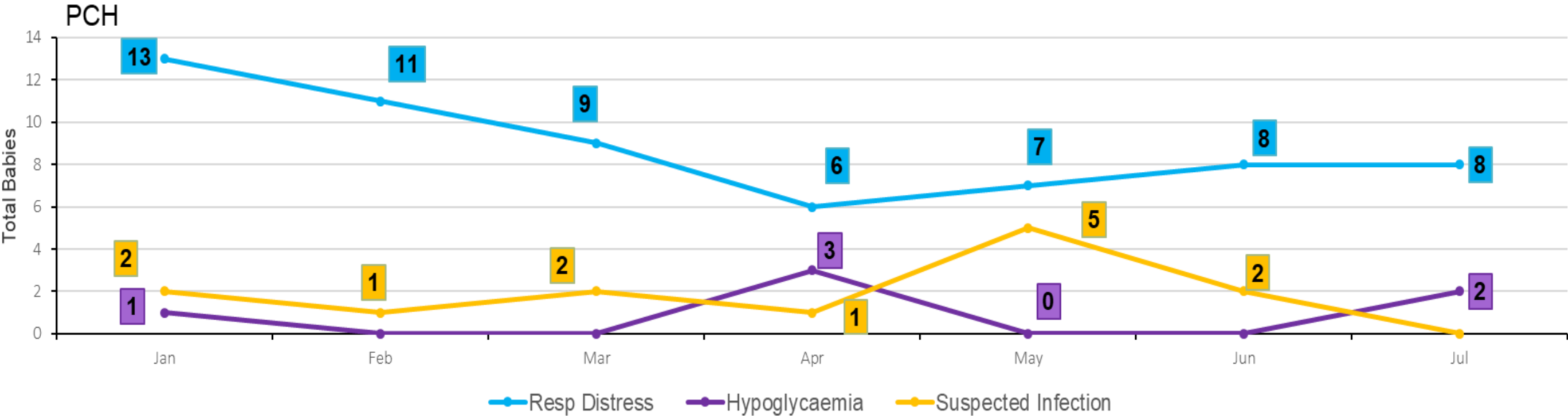
% of women smoking at end of pregnancy by area





ATAIN

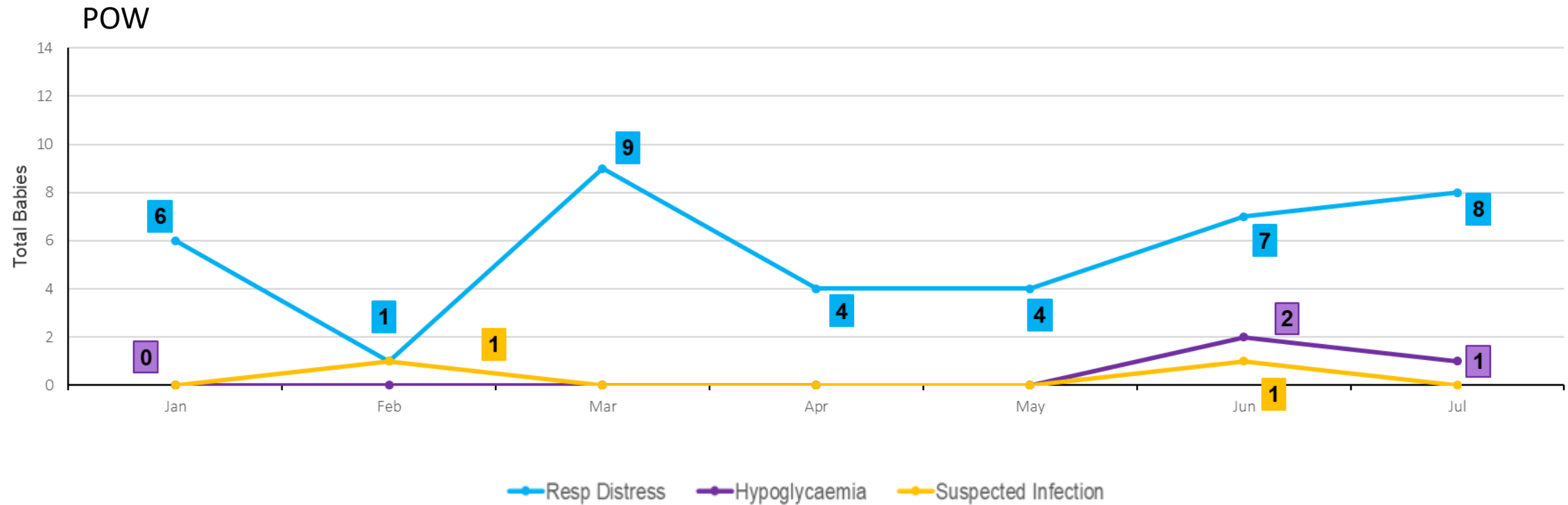
Top 3 reasons for admissions - >37 Weeks (inborn)





ATAIN

Top 3 reasons for admissions - >37 Weeks (inborn)





Next Steps

- Multi-professional dashboard consultation (July 2022). ✓
- Review 'red flags' and 'goals' against national benchmarking (July 2022). ✓
- All red flags will be removed. All goals will be removed unless WG set a target ie bookings by 10 weeks gestation.
- Digital systems scoping meeting (13th July 2022). ✓
- Procuring data analysis software to support improved data presentation, particularly for metrics with low monthly numbers (ie stillbirth, 3rd & 4th degree tears).
- Align dashboard with evolving All Wales Maternity Dashboard, and wider programme of Digital Maternity Cymru work (ongoing as All Wales work progresses).
- 'Go Live' date of updated dashboard- September 2022. On track.
- Cross-referencing against CHKS score cards will start on a quarterly basis, aligning with reporting cycles. These are generated quarterly against a set of agreed metrics and will provide another dataset against which to validate maternity data. CHKS data is input when notes are returned for coding.
- Ensuring all staff groups know how to access dashboard via SharePoint.



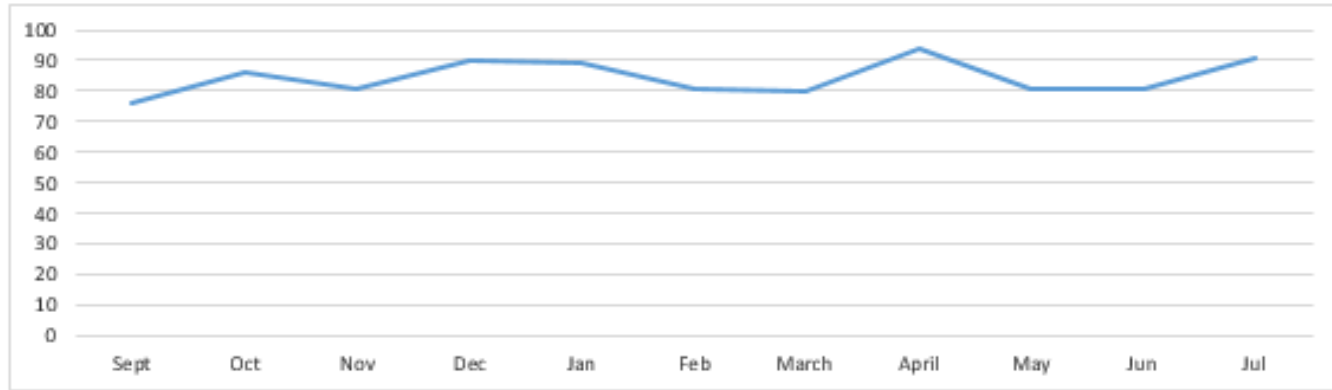
Quality of Women's Experience

- 15 step challenge (NHSE)
- Bump Talk >6,400 members
- My Maternity My Way (& Nationally with MVP)
- 7 Minute Briefing – Concerns
- Patient story at every QPSE meeting
- Training in response to family concerns ('Birthrights')
- Birth Afterthoughts
- Birth Choices
- Co Produced information leaflets



PREMS

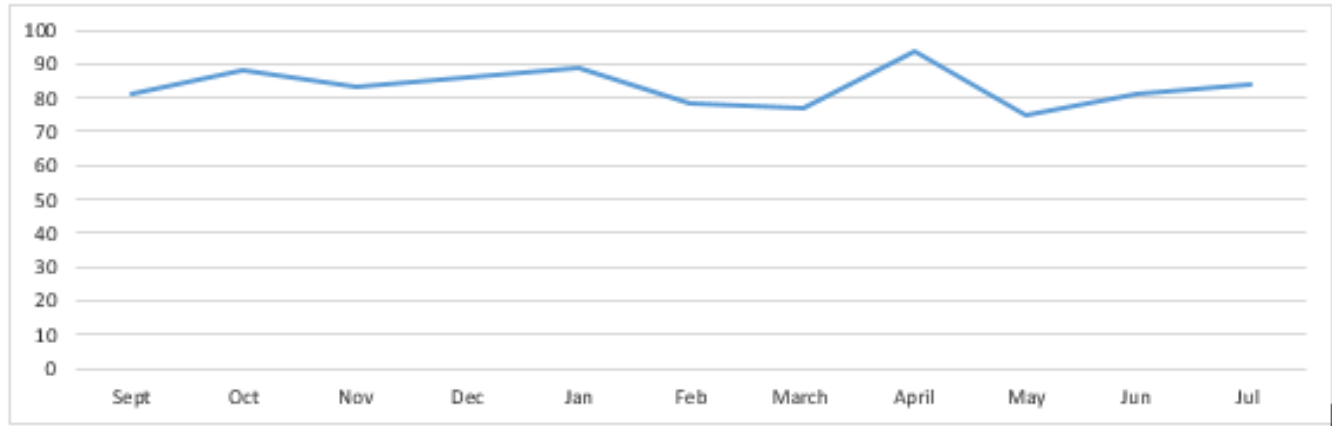
Thinking about the care you received during your pregnancy and birth journey, were you treated with respect and dignity?



Notes

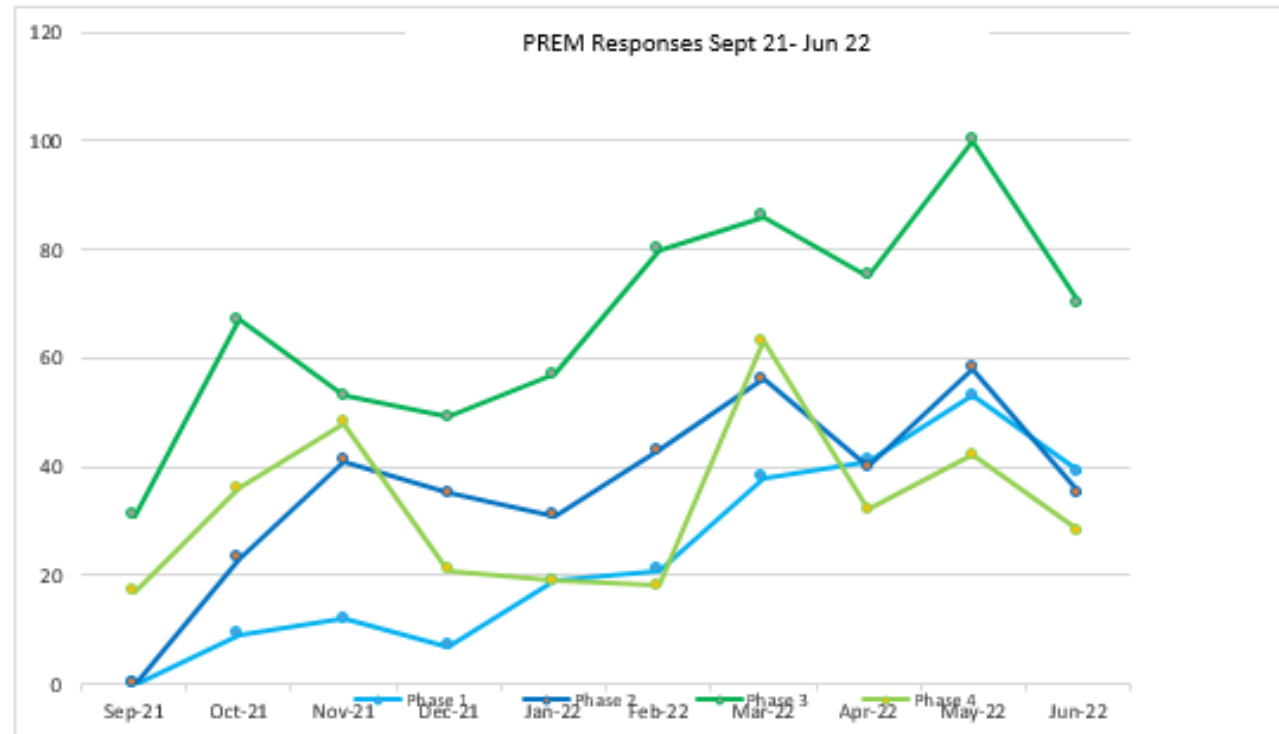
Through our patient Reported Experience measure (PREMS) women tell us consistently that they felt they were treated with dignity and respect, kindness and understanding.

Thinking about the care you received during your pregnancy and birth journey, were you treated with kindness and understanding?





Experience Data, as reported by Service Users



Notes

Patient Reported Experience measure (PREMS) was launched in September 2021, with increasing uptake since. June shows as decrease as not all responses received yet.

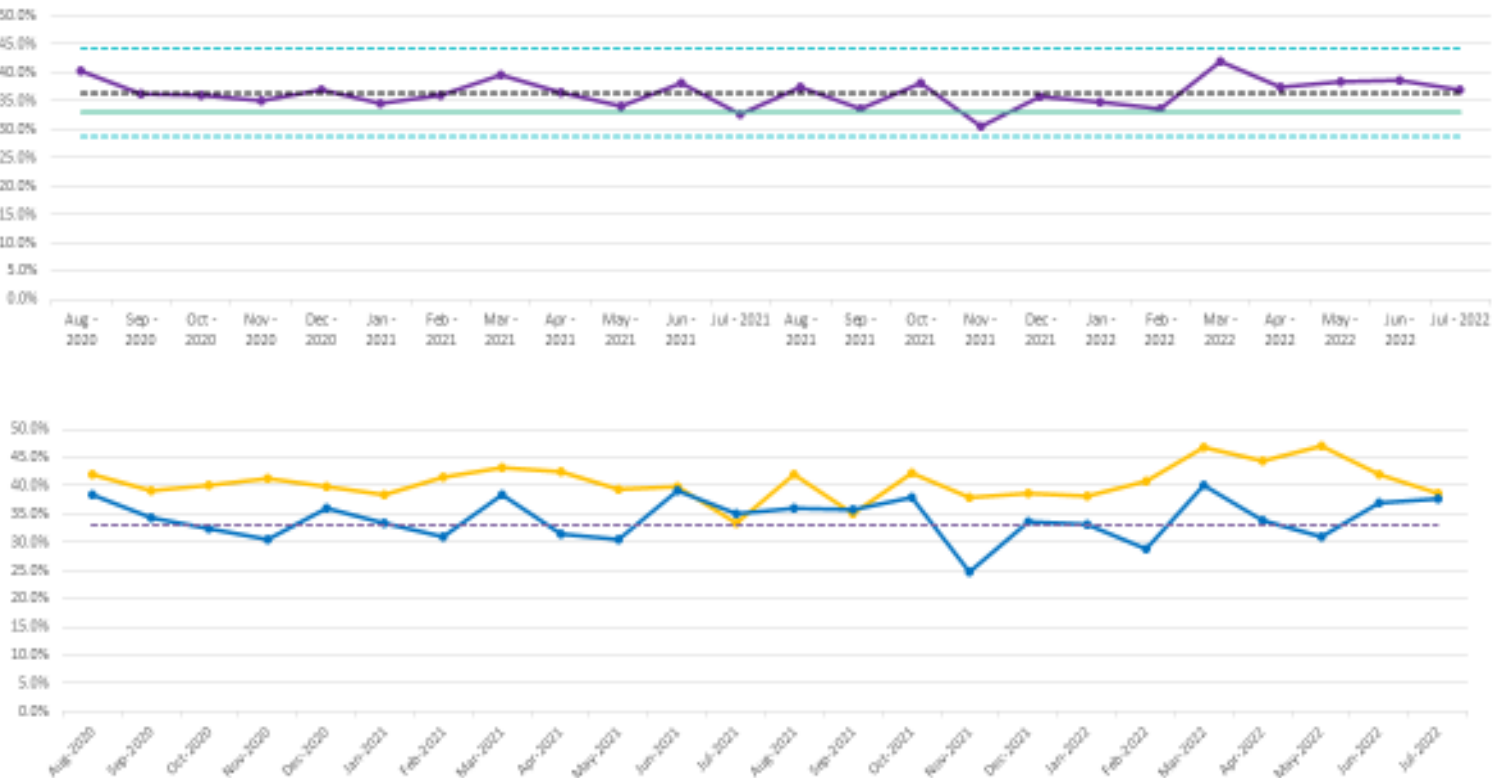
The experience data is now a core part of maternity metrics reporting.

All QI projects will include the relevant PREMs data as a key measure (for example the IOL improvement work will include the IOL experience data reported through PREMs).



Induction of Labour

Women undergoing induction of labour all CTM, PCH & POW (as a % of all women)



Notes

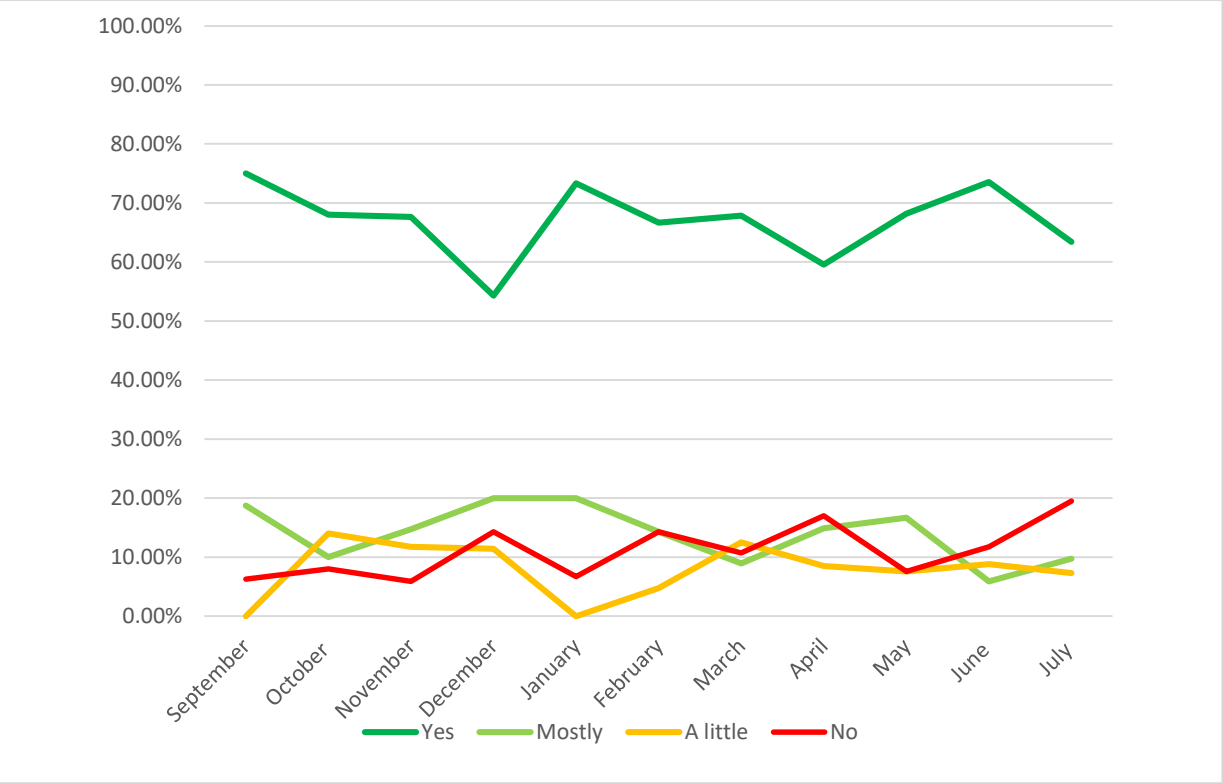
Rates stable- normal variation but no trend or shift seen over 2 year period.

Induction of Labour rates are increasing across the UK. No target set by WG, as rates impacted by many factors, including local population demographics.

IOL improvement group is undergoing a refresh with a QI methodology approach. Aim is to improve the quality, safety and experience of care. This includes adherence to guidance and joint decision making.



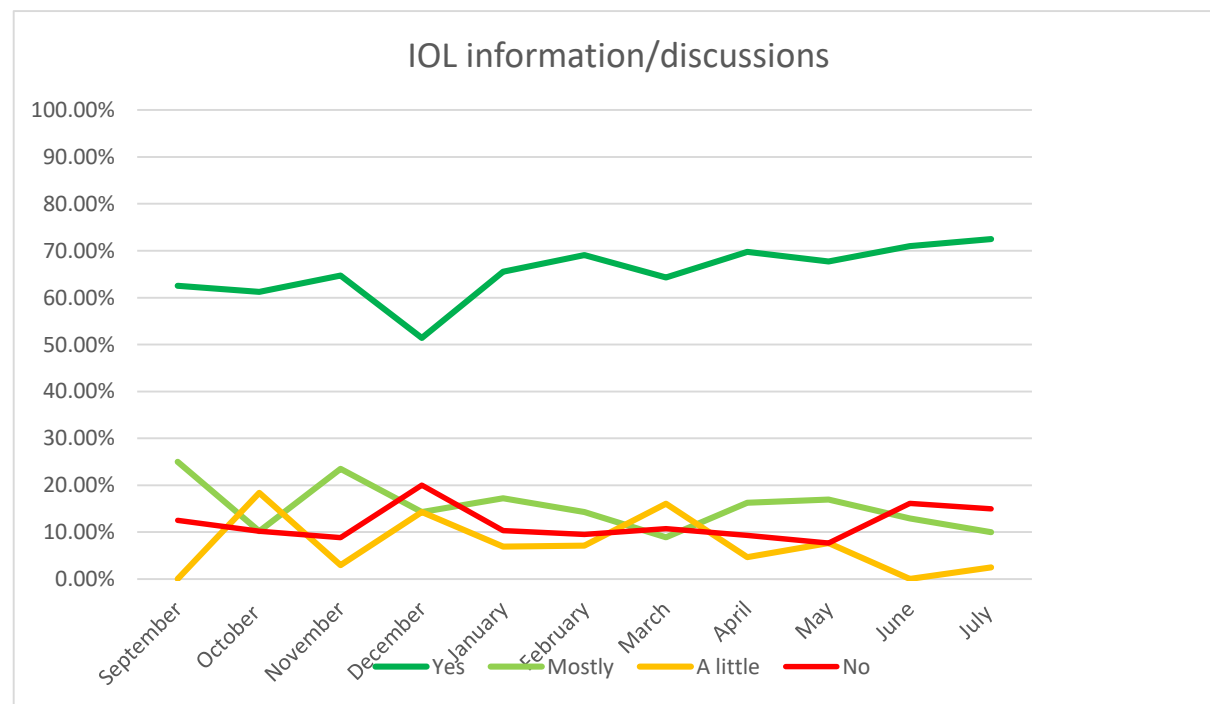
PREM & Induction of Labour



If you were offered an Induction of labour, did you feel fully involved in the decision for this to go ahead?



PREM & Induction of Labour



If you were offered an induction of labour, did you feel you were supported with enough information or discussion from your midwife or doctor?



PREM & Feeding Discussions

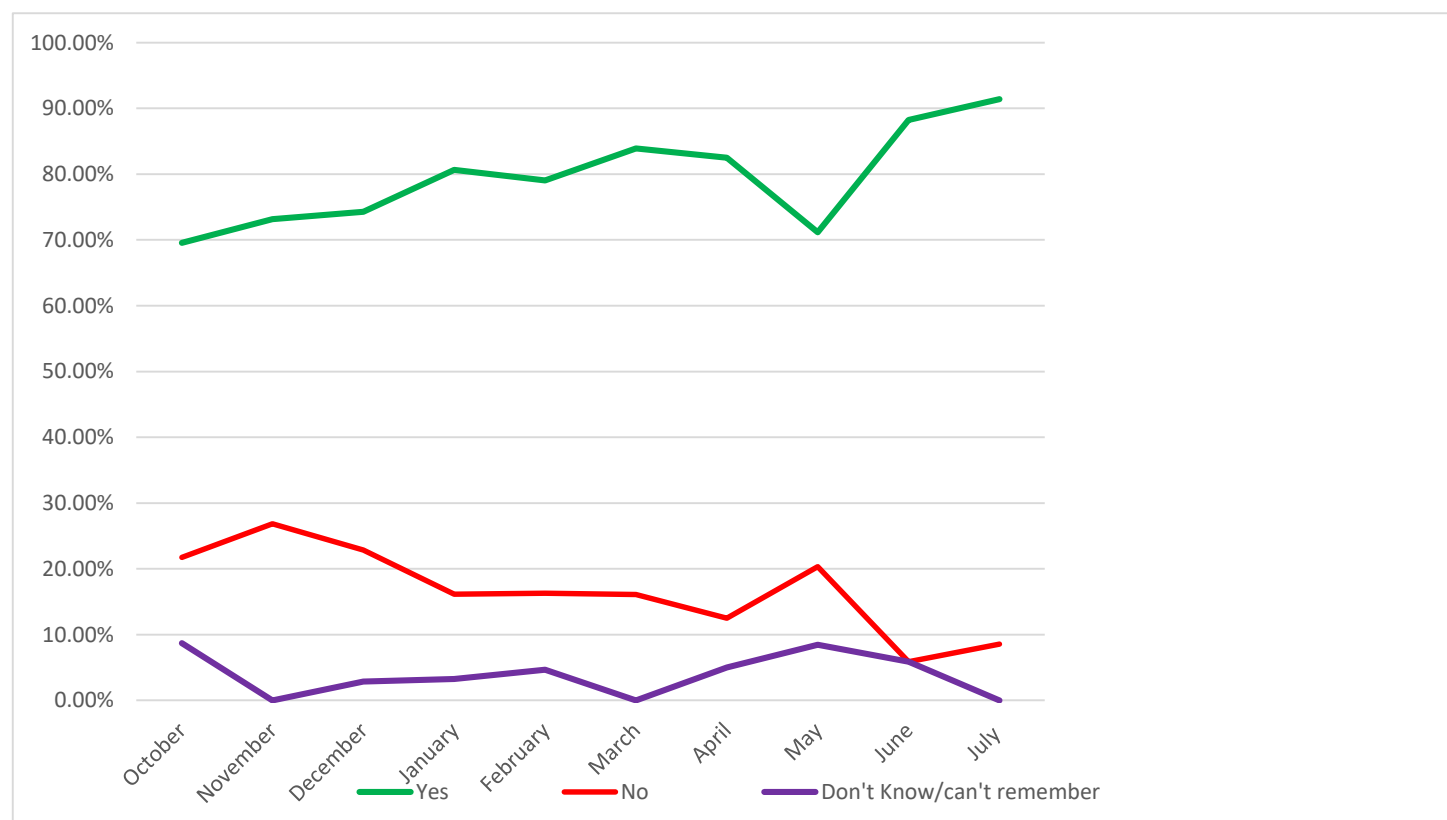
		Total	Breastfeeding	Not breastfeeding	Breastfeeding not stated
Cwm Taf Morgannwg	Bridgend	1,360	729	386	245
	Rhondda Cynon Taf	2,242	1,183	1,035	24
	Merthyr Tydfil	611	275	334	2

Bridgend - 53.60%
RCT - 52.76%
Merthyr = 45%

[Annual breastfeeding status at birth, live births to Welsh residents \(gov.wales\)](https://gov.wales)



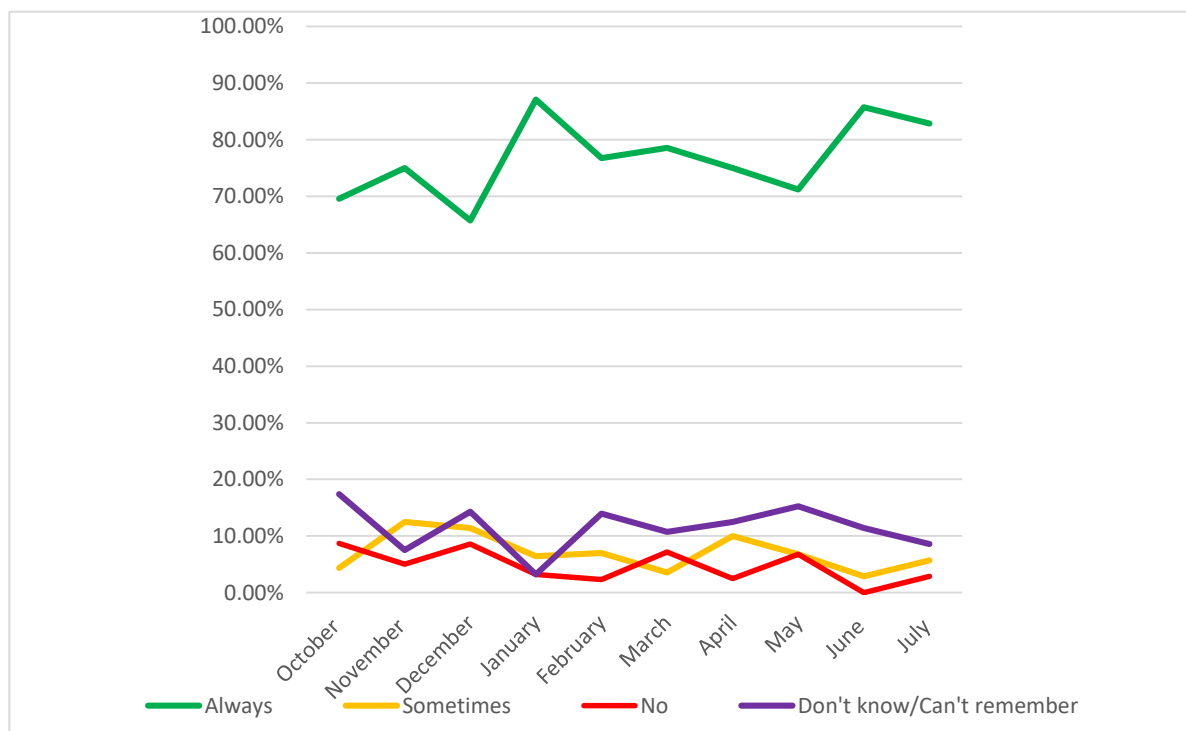
PREM & Feeding Discussions



Were you
offered an
opportunity to
talk about how
you wanted to
feed your baby?



PREM & Feeding Discussions



Were your decisions about how you wanted to feed your baby respected by midwives and other healthcare staff?



Thematic Review of Maternity Concerns June – August 2022.

- 15 formal concern responses completed – 10 PCH site, 5 POW site. Each response includes a summary of learning (7 Minute Briefing) which is sent to all members of the MDT.
- Learning shared via WeSee, Governance, Audit, QPSE, Supervision Sessions, Professional Governance

Theme	Frequency
Communication	9
Professional Attitude	6
Not listening	3
Waiting Times	1
Breach of Confidentiality	1
Continuity of Care	1
Incorrect Advice	1
Knowledge of Guideline	1
Understanding of SCBU criteria	1
Timely Birth Planning	1
Documentation Error	1



Top 3 Themes

Theme	Action
Communication	1. Birth rights training organised for improved knowledge in this area
	2. Video being produced (collaboration with Women's Experience and Communication's Team) regarding birth language
	3. Take briefing to each departmental meeting to understand the impact of the lack of communication on families in our care.

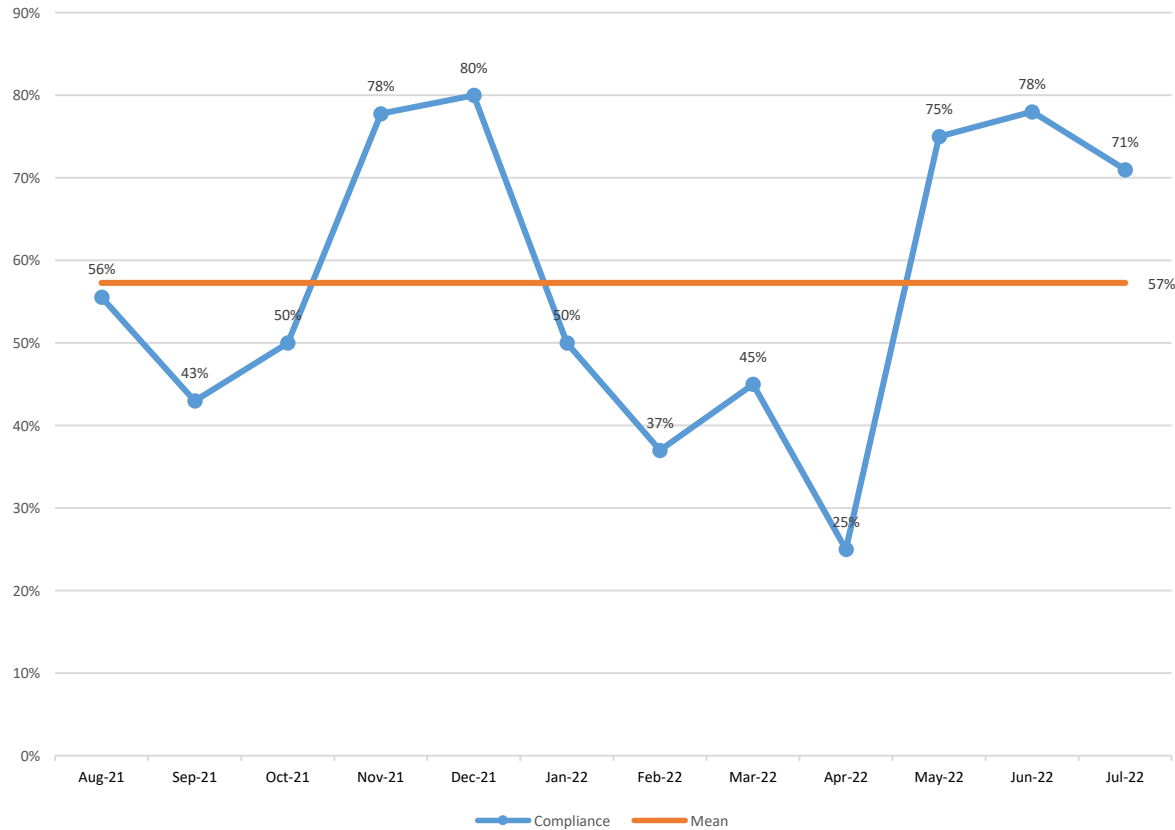
Theme	Action
Professional attitude	1. Director of Midwives letter sent to maternity staff
	2. Discuss with Obstetric lead consultant to share similar letter with medical team
	3. Pilot values and behaviours session provided to GYM community team by OD team, further sessions viability being explored

Theme	Action
Not listening	1. Birth rights training organised for improved knowledge in this area
	2. Corporate induction includes values and behaviours
	3. The Service's Culture and Leadership Plan is being launched shortly

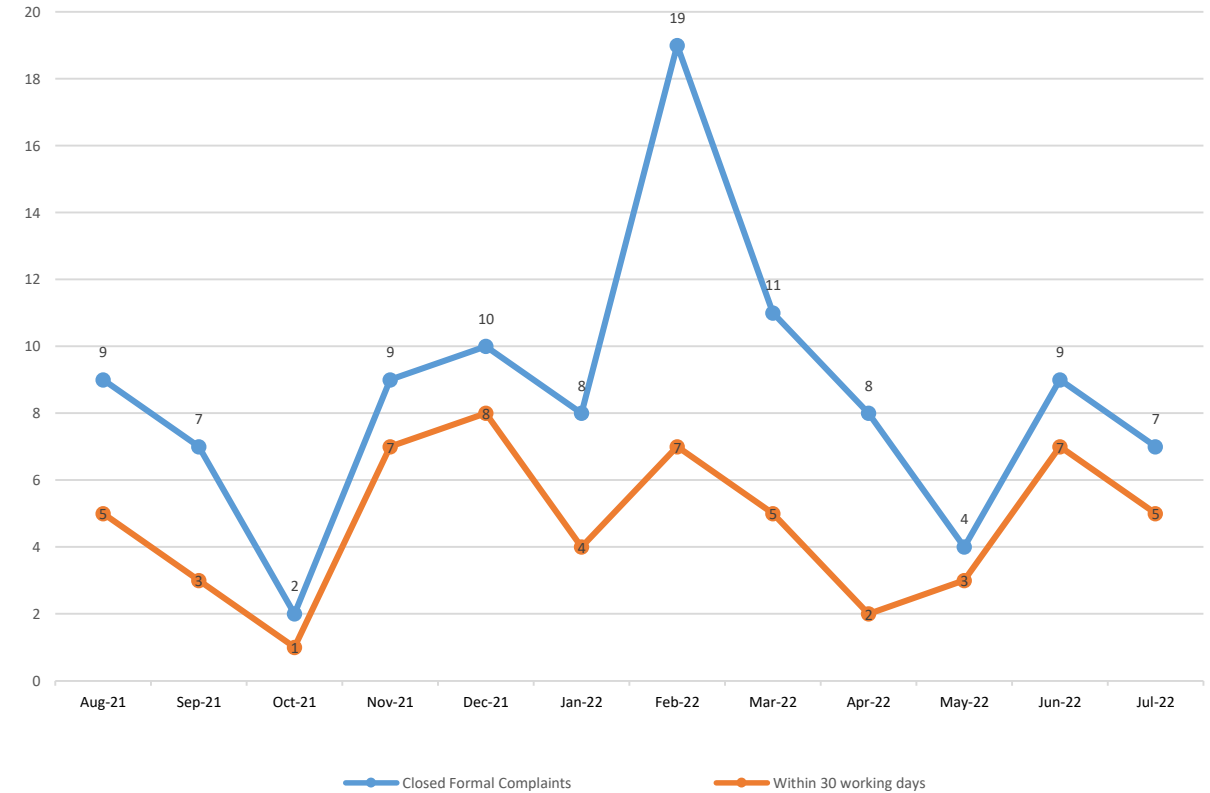


Overall Concern Compliance May-July 2022 (Mat, Gynae, ISH)

Overall Obs, Gynae & Sexual Health 30wd % Compliance

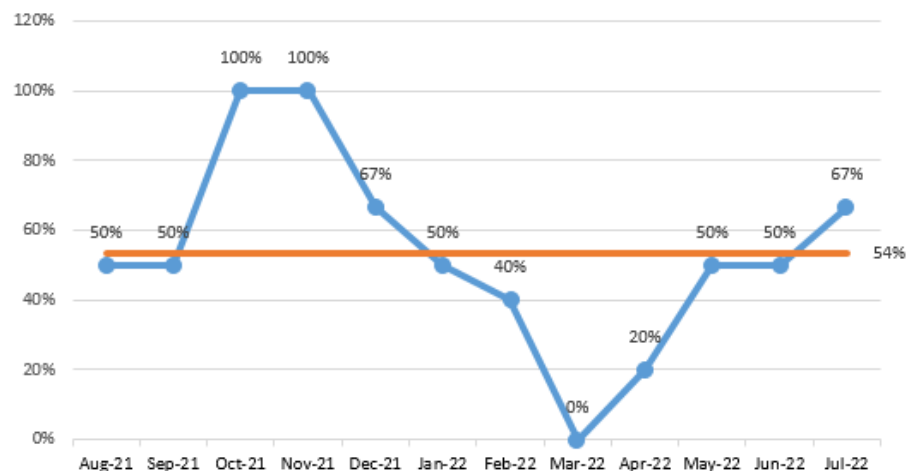


Overall Obs, Gynae & Sexual Health Closed Formal Complaints

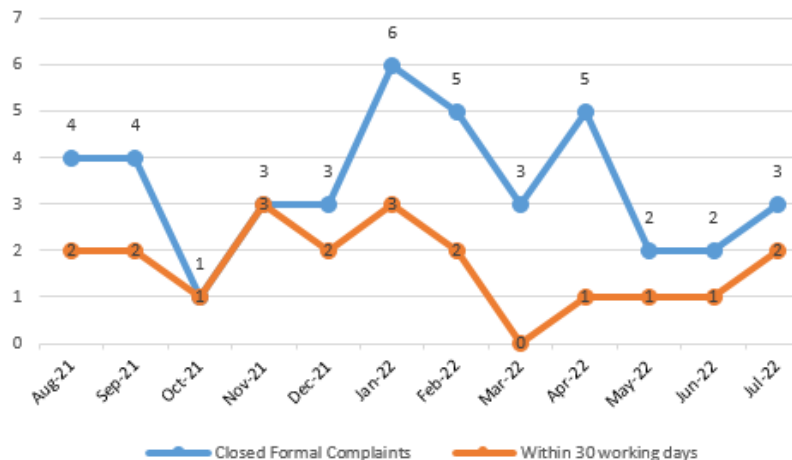




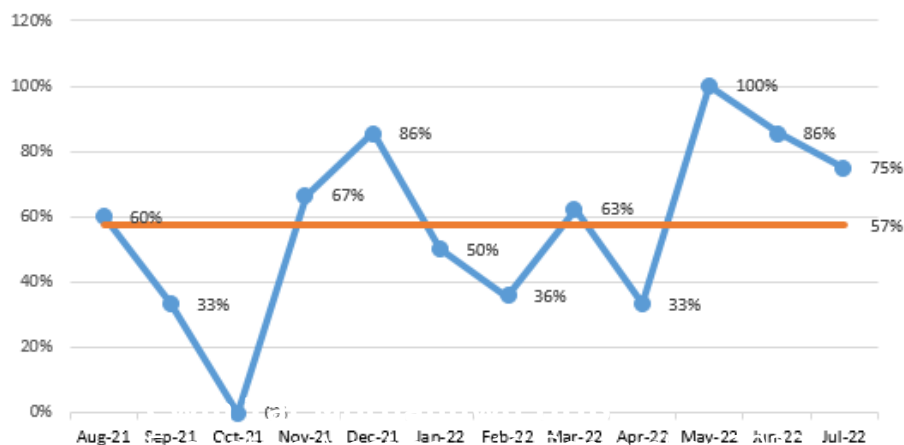
Bridgend ILG Obs, Gynae & Sexual Health Compliance 30wd Formal Complaints



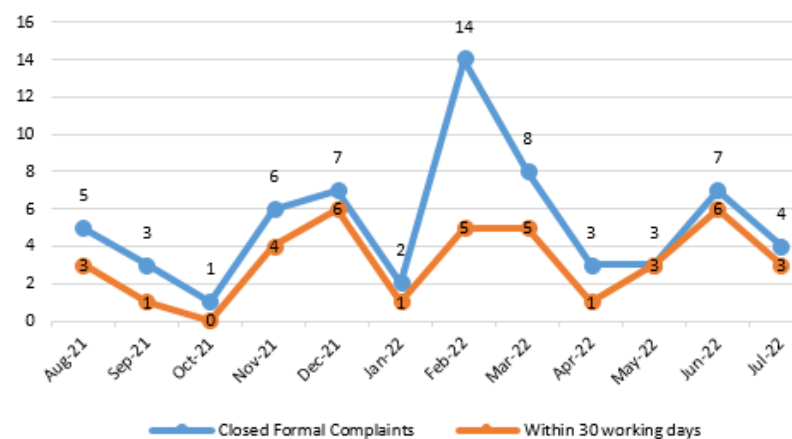
Bridgend ILG Obs, Gynae & Sexual Health Closed Formal Complaints



Merthyr & Cynon ILG Obs, Gynae & Sexual Health 30wd Compliance Formal Complaints



Merthyr & Cynon ILG Obs, Gynae & Sexual Health Closed Formal Complaints



Top 3 Complaints Themes (Managed through PTR)	May-22	Jun-22	Jul-22	Total
Clinical Treatment/Assessment	5	6	7	18
Attitude and Behaviour	2	0	1	3
Appointments	0	1	0	1

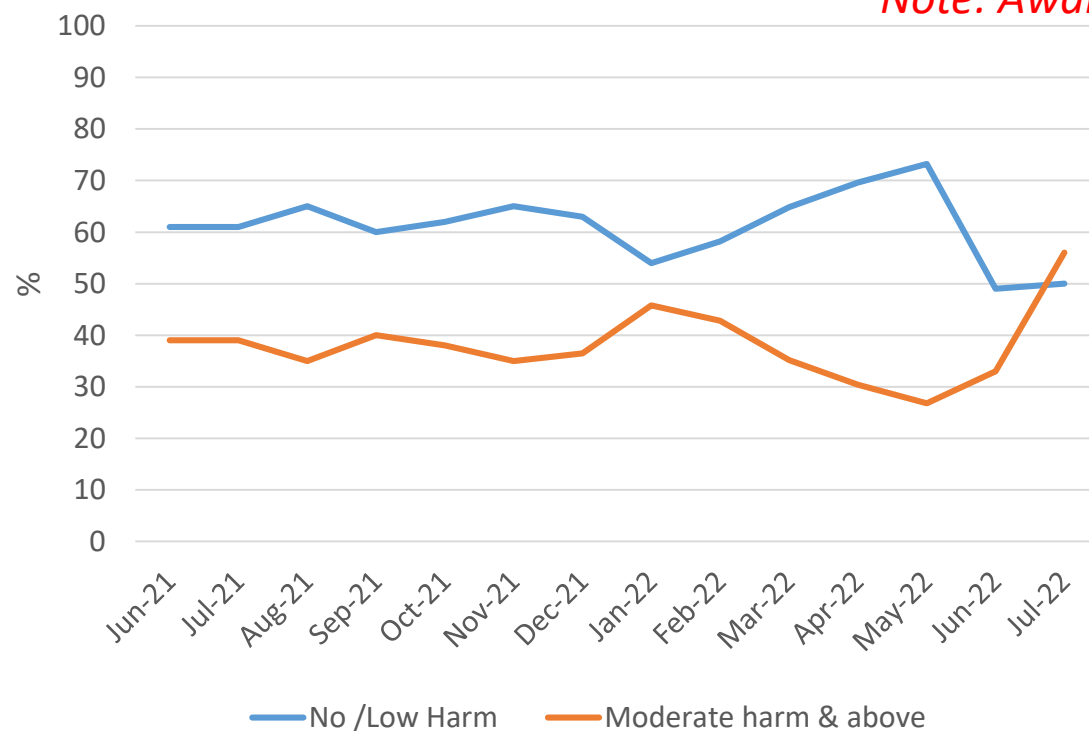


Incident Reporting

Maternity only Clinical Incidents by level of harm

July 22

Note: Awaiting Aug data



Incidents now reporting on new Once for Wales system which allows a post-review grading of the incident which should provide a more accurate reflection of the severity of the incidents.

Graph indicates low harm has decreased but moderate harm showing a slight increase.



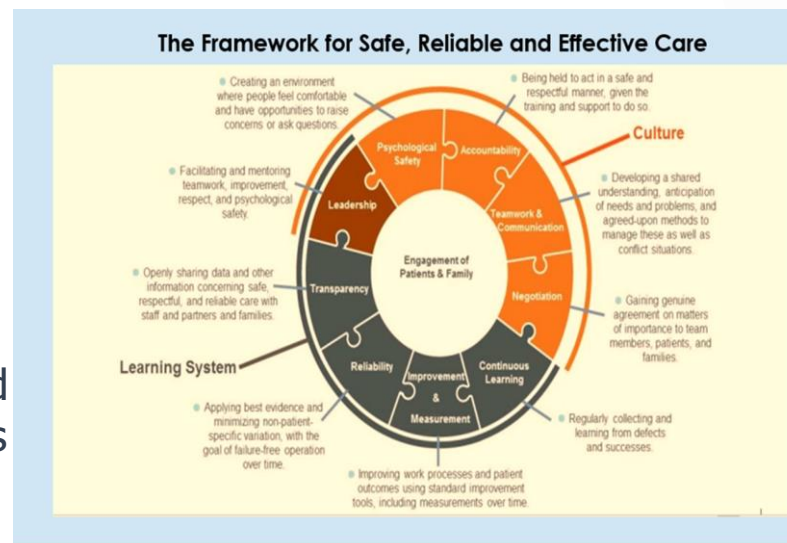
NRI & LRI

- 3 NRIs in progress
- 13 LRIs in progress
- All families have a designated point of contact
- All families have been asked for questions for consideration as part of the investigation
- Investigating Officers are RCA Trained
- Learning is shared locally via Clinical Audit, Supervision, Governance, CTG teaching, PROMPT, and nationally Maternity & Neonatal Network, national peer review forums e.g. fetal surveillance



Quality of Leadership & Management

- Leadership Development
- Listening Events
- QI – 'Bottom Up'
- Coaching & Mentoring
- HEIW Support
- Values & Behaviours Workshops
- 'Safe to speak up'
- Awards, Conferences, Publications
- Learning and Development Framework
- Learning Needs Analysis
- Rotation opportunities
- All Wales Journal Club
- Collaboration across Wales (Network Reviews and Sharing of Cases / All Wales Best Practice Forums)
- Caring 4 You
- Workforce Plans
- RCOG Workplace Behaviour Champions
- Benchmarking
- Staff Voices – Real Time Feedback



OUTCOME		ACTIONS		PROGRESS	
Reduction in Sickness And Absence		Adherence to the sickness policy		Sickness at August 2022	
				• Midwives • Unregistered	
				Total Vacancies at August 2022	
				• Midwives • Unregistered • Band 6 vacancies out to advert	
				Recent appointments	
				• 10 Newly Qualified Midwives joining UHB in Sept/Oct	
				• 3 Midwives Shortlisted for RCM Wales • NOTTY awards • 6 places supported to attend RCM National Conference in November • Midwives supporting Trainee/mentor stand at RCM Conference 8-9 October • Celebrated IDN and IDN Locally in May	
				• 10 Newly Qualified Midwives joining UHB in Sept/Oct	
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