Summary report of Warwickshire Parent-Infant Mental Health and Wellbeing workshop 23 May 2017



(Summary Part 2)











Summary report Appendices – vs 20 June

13-18 mths	19-24 mths
	2 year development check Emotional & well- being assessment



13-18 mths	19-24 mths
	After 24 mths Gap between PACE and Attachment programmes and education systems focusing on behaviour not attachment /PACE



19 mého	10.24 mths
18 mths	19-24 mths

Exercise I, additional hand written notes

(Note: '?????' indicates words that could not be read clearly when transcribing)

Prevention to universal support - Group I (Green)

- Antenatal & Prenatal interview are happening, which is real strength
- Still problems with data sharing
- Positives Asset building in communities. Some communities have less capabilities
- Negatives no transport, so not able to get to support.
- Everyone should know about attachments and should be informed
- 'Sprinkle' same attachment learning
- Anxiety in antenatal more of problem than depression
- Importance of public health messaging redirection of budget to preventative work as a universal offer may be delivered as part of the STP
- Importance of ante/postnatal interviews in having an impact from health visitor perspective. Meeting the relational needs of parents. Baby steps mentioned as a useful tool – but this is targeted – just in the North.
- Parenting Project counselling service in the South to be rolled out
- Children's centres massage, <u>?????</u>, introduction to breast feeding. Go across all age ranges. Links with other agencies such as Health Visitors, Citizens Advice, Food-bank. Regular meetings and packages of care. Data sharing protocols in place. Information sharing agreement signed. Still some issues at the front line.
- Early breast feeding team in place in the North
- ~Capacity within the health visiting team is an issue. Emphasis on child protection which can take away energy from universal work. Thresholds to get social care are very high
- Early support is great if parents will engage. Animosity about being referred. Early support is not being sold properly. Early assessment is very invasive. Lack of understanding from parents about why agencies are concerned.
- Importance of relationships with grandparents. NHS talking about drawing up a family
- Plan a lot of changes happening about working with families. Going back to building relationships with families. Importance of the quality of relationships with families. Public Health – emphasising compassion and care. Importance of auditing services with those aspects in mind
- Importance of supervision/ team meetings for training. Training is much more procedurally based

 which is then audited. Discussion of how an audit process can include building trust and is more
 values based
- Making use of community support networks examples given from Kineton. Examples given of
 isolated villages like Bearley in Stratford district with poor transport links. Links with Community
 Development workers from WCC who are doing asset based work. Identification of community
 activists and village halls/community centres.
- Co-location of services into existing venues such as GP Surgeries. Community Hubs being discussed as a pilot. Difficulty of engaging people into services and/or Hubs. The emergence of Hubs needs to start with the community. Go to where people are.
- Increasing awareness of attachment in plain 'common' language and use of stories to better share information. Teaching young people in schools particularly adolescents
- Importance of connecting up what there is and emphasis on adolescents around all as like sexual health. Need to access academy and schools with this agenda. Bring resources together

- Self-help opportunities to use this more apps, Big White Wall, Library staff trained around sources of support available, online, counselling favoured by some
- Schools need to help young people manage anxiety. Relate are seeing most young people with issues, A&E seeing most people suicidal/self-harming. Importance of getting in for the next generation.

Universal support to early identification - Group 2 (yellow)

- Assets
 - Workforce is asset. <u>Practitioners</u> are asset. Think about referrals Support mother VIG training (video interactive evidence)
 - Counsellors trained counsels working with families now. Fap we have, we don't have a PIP in Warwickshire

Everyone else must have a knowledge of mental health

- Biggest gap workforce development in
 - Attachment
 - Comms
 - Infant Mental Health
 - Parent/infant Psychotherapy
- <u>Recommend</u>
- High quality portal
- Language Honest & faithful within family and ???????
- Freephone
- Ensuring consistency across all services/practices and tiers.
 - Mental Health & Wellbeing Hubs
 - ♦ I to I support
 - Drop-ins
 - ♦ Walk-in service
 - All HV's **??????** should undergo the NBOS training, observational skills need to be developed
 - Working with the clinical but also with the Voluntary sector, so that the clinical can focus on the more severe needs PARTNERSHIP WORK
 - Working with parents (not just children/infants)
 - Counselling with children centres very popular and effective
 - Family Group Therapy (being delivered to older children 5-19 by Parenting Project) to address the issues resulting from poor attachment
 - Family workers qualified in mental health
 - Sensitive parenting wrap around support and developing mentors
 - Advocating for VIG
 - CONTAINMENT (Solihull Approach) must be used by all front-line workers
 - Active monitoring CBT training being developed by MIND for 16+ parents.

<u>Gaps</u>

- Gap in the lower level MH issues
- Gap in understanding by parents/families what there's available
- The parent/carer chooses who they want to trust and develop a relationship with it's important to work in partnership and share information for best outcomes but with a chosen lead. Upskilling the workforce in infant mental health and maternal mental health, as well as.
- Mental Health to be integrated into all services for children and families

- Medical staff must be trained in <u>attachment</u>; this includes mental health staff as well as others, GP's.
- Framework for statutory services
- Infant Mental Health Online (IMOL) has changed practitioners in Parenting Project.

Workforce



Early identification to additional support - Group 3 (light blue)

- Asset
 - Community (workforce) experience and knowledge needs to be passed onto others
 - Need to involve other sectors model in early identification sectors Hairdresser
- GAP
 - Paternal support, not enough support for Dads
 - Win, win \rightarrow if you can provide support will help most Dads to understand how to help mother & baby
- Asset
 - Earlier education given in schools i.e. RE lessons
 - **Recommend**
 - Setting up PIP in Warwickshire
 - Triadic support
- GAD tools etc. if high, mother choice as to referral some had experiences previously. May not engage FNP need to contain, nurture etc.... prep for services.
- Vols can access mothers etc. that won't access statutory services.
- Issues of same sex relationships eg. Gay men/women how do they access services?
- Stigma guilt/shame remove to make difference peer support is key

Early identification to additional support - Group 4 (dark blue)

- Asset
 - Number of additional services available
- GAP
 - Letting people know what services are available in our local area information sharing

Additional support to specialist support - Group 5 (white group)

Specialist and GP Services

- Asset
 - Perinatal mental health service
- GAP
 - Cluster of services on health not enough on sharing referrals
 - Fathers/men are not well supported
- <u>Recommend</u>
 - Go ask parents in Coventry & Warwickshire What do they need? Especially fathers
 - Inconsistencies in wording from all service providers

Specialist support to inpatient - Group 6 (red group)

- Asset
 - Already specialist services (Perinatal, ABK Service)
- GAP
 - ♦ ?????
 - ♦ Need parent information service needed for 8 months 2 years old
 - Fathers need to get them in the rooms, getting mums to think "what if Dad was here, what will he be doing"
- <u>Recommend</u>
 - Raising awareness of mental health in expecting families
 - Role of fathers re: PMH services to not only work with mothers but whole family
- <u>Conclusion</u>
 - Workforce How we share knowledge
 - Parents Fathers included
 - Set up multi-agency sharing group

Appendix 2

(and those booked to attend)					
NAME	ORGANISATION	POSITION	Attended		
Kate Sahota	WCC - Public Health	Commissioning Lead, Health	N		
	Commissioning	Improvement			
Sophy Forman-Lynch	WCC - Public Health	Public Health Officer	\checkmark		
Monika Rozanski	WCC - Public Health	Public Health Officer	V		
Andrew Sjurseth	WCC - Strategic Commissioning	CAMHS Commissioner	V		
Paula Mawson	WCC - Public Health Commissioning	Health Improvement Commissioning & Performance Lead, Mental Health	N		
Claire Taylor	WCC - Public Health Commissioning	Health Improvement Commissioning & Performance Lead, Mental Health	N		
Cat Rigney	WCC - Public Health	Public Health Officer (Mental Health Team)	V		
Debi Maskell-Graham	Big toes little toes	Director	N		
Dawn Cannon	Warwick University	Director of Warwick Infant and Family Wellbeing Unit	V		
Helen King	WCC - Public Health	Deputy Director of Public Health	N		
Jane Holdsworth	CAVA	Locality Manager	N		
Andrew Smithers	NHS Coventry and Rugby CCG	Mental Health Lead	V		
Emma Adams	South Warks CCG	Commissioning Manager	N		
Romeo Camara	WCC - Public Health	Administration	\checkmark		
Vic Jones	WCC - Strategic Commissioning	Early Years Commissioner	√		
Sue Ingram	Violence Against Women and Girls	Strategy Development Manager			
Heather Kelly	North Warwickshire CCG	Senior Commissioner (Non- acute)			
Anne Allan	North Warwickshire CCG	Commissioning Manager	N		
Karmah Booth	North Warwickshire CCG	Senior commissioning Manager	N		
Harminder Khalsa	SWFT	Health Visitor - Rugby	N		
Karen Healey	SWFT	Health Visitor	N		
Sam Game	SWFT - Health Visiting Service	Health Visitor	√		

Delegates List (and those booked to attend)

Angela Yeomans	SWFT - Health Visiting	Health Visitor	
Angela Teomans	Service		v
Amanda Goodyer	SWFT - Health Visiting	Health Visitor	
	Service		,
Rachel Tompkins	SWFT - Health Visiting	General Manager	
	Service		
Katy Coates	SWFT - Health Visiting	Locality Manager South	
	Service		•
Kirstie McKenzie-	SWFT	Consultant Clinical Psychologist	
Mcharg		PMH Service	
Susan Drewitt	PMH Service - Coventry &	Mental Health Service Team	
	Warks Partnership Trust	Manager	
Helen Stephenson	IAPT - Coventry & Warks	IAPT Service Lead	\checkmark
·	Partnership Trust		
Elliott Baker	IAPT - Coventry & Warks	Coventry and Rugby IAPT service	
	Partnership Trust	Manager	
Michelle Websters	IAPT, Coventry & Warks	Locality Team Manager	
	Partnership Trust		
Alex Seb Cooper	CAMHS	Professional Lead for	
		Psychological Services	
Michelle Rudd	CAMHS	Specialist Mental Health Service	\checkmark
		Manager	
Alison Clayton	SWFT	Specialist Midwife (Infant Feeding)	
		and Trainee Psychotherapist	
Michelle Waterfall	SWFT	Deputy HoM, Midwifery	\checkmark
Angela Doherty	UHCW	Matron Midwifery	V
Sumi Subramaniyan	SWFT	Community Paediatrician	\checkmark
Jelena Jankovic	Birmingham and Solihull	West Midlands Perinatal Mental	
	Mental Health NHS Trust	Health Network	
Emma Walker	WCC - CAF	Early Help Operations Manager	
Tammy Mason	WCC - Vulnerable Learners	Developing Nurture Provision In	
		Schools And Other SEMH	•
		Responses	
Charles Barlow	WCC - Community Safety	Localities & Partnerships Team	
	and Locality Working	Manager (North)	
Zoe Harwood	WCC - Integrated Disability	IDS 0-5 Strategic Manager	\checkmark
	Service (IDS)		
Joanne Rolls	WCC - Family Information	FIS Manager	\checkmark
-	Service (FIS)	_	
Kate Abbey	WCC - Comms and	Marketing and Communications	\checkmark
	Marketing	Officer	
Lisa Lissaman	WCC - Mental Health	Mental Health & Autism	\checkmark
		Commissioner	
Ruth Eden	WCC - Priority Families	Family Therapeutic Practitioner	N
Ruth Eden Diane Aldersley	WCC - Priority Families SWFT - Health Visiting	Clinical Lead South, HIA MH	N N

Deborah Sarson	SWFT - Family Nurse Partnership (FNP)		
Jo Min	Springfield Mind	Business Manager	1
Sue Berry	Banardos - Children's Centre Provider	Assistant Director	\checkmark
Elaine Johnston	Children's Centre Provider - Parenting Project	CEO of the Parenting Project	\checkmark
Emma Tait	Parenting Project	Counselling Coordinator	V
Stacey Gill	Stockingford Children's Centre	Children's Centre Manager	V
Jill Krust	St Michael's Children's Centre	Children's Centre Manager	
Heidi Stewart	Rethink	Director of Enterprise & Innovation	N
Sarah Hislam	Parents In Mind Pilot Initiative	Coventry and Warwickshire Service Delivery Manager: Perinatal Mental Health	N
Ore Judje	Chapter I Housing	Link Support Manager	V
rachel Southam	Orbit Housing	Community Investment Officer	
Mandy Booth	Relate	Services Manager	\checkmark
Tracey Cooper	The Acorn Centre	Centre Manager	\checkmark
Carol French	Sycamore Counselling Services Centre	Manager	V
Rachel Gillett	Kenilworth Nursery School	Executive Headteacher	
Helen Andrews	Family Matters in Warwickshire	Clinical Psychologist	
Clair Hobbs	South Warks Perinatal Well-being Forum	Chair of Forum	N
Sarah Calvert	IDS Birth to Three Portage Service	Lead for Portage Bonding and Play Programme	
John Linnane	WCC - Public Health	Director of Public Health Warks	\checkmark
Jo Chapman	OXPIP	Senior Psychologist	N
Chris Bain	Healthwatch	Chief Executive	N
Jessica Brooks	Making Space	Service User Involvement Coordinator	V
Elizabeth Pfute	Making Space	Service User Involvement Coordinator Team Leader	
Michelle Cooke	guideposts	Mental Health Specialist Carer Support Worker	
Sarah Moran	Together Your Way	Project Manager	
Daniel Lenham	Mental Health Matters	Team Leader	\checkmark

Chris Smith	Mental Health Matters		
Vanessa Biddulp	voiceability		V
Hilda Craig	SWFT	Health visitor	
Liz Feldman	South Warwickshire CCG 3PG	Mental Health Support Worker	\checkmark
Jeanette Smith	WCC - Portage Services	Manager	
Fiona Palmer	Cov + Warks MIND	Service Lead	N
Zoe Moore	Cov + Warks Mind	Project Coordinator	N
Eleanor Cappell	Coventry & Rugby CCG	Contracts Manager Non-Acute	N
Tracey Briggs	tracey.biggs@swft.nhs.uk	FNP	
Liz Feldman	South Warks MH forum	Public member	

Appendix 3

Group exercise 2 (part 1): BRIGHT IDEAS!

(<u>Note:</u> '?????' indicates words that could not be read clearly when transcribing)

Add more bright ideas here PDF

Group I

- Work with Private & Local Authorities Nurseries on providing relationship development.
- Use community support networks (faith communities, parish councils, village hall committees etc.)
- Utilise GP clinic for mother and baby and PN immunisation clinics to identify parent-infant MH needs
- Village-level Have informal weekly meetings to support and identify vulnerable parents Orbit low level support role?
- In larger villages utilise mother and baby clinics with refreshments and modelling support (local knowledge)
- Engage & Consult with families "with lived experience" at <u>Point of Service</u>? Based on the agreed plan
- Joined up working, perinatal mental health service followed by family support to reflect and support next steps
- Strengths based NOT pathologising parents
- We need to wrap this 'universal' approach to maternal and infant mental wellbeing around the WCC children's Customer journey
- "Family Health Portal"
- Parents as experts NOT Practitioners
- "Plan" agreed right as start 0-2 NORMAL not problem focused.
- Attachment is totally cross-cultural "parenting" styles are <u>NOT</u>
- "Relationship" time coming alongside parents not doing to parents
- Teaching from childhood about managing stress (Mindfulness)
- For Mental Health Carers, the old education and support programme was most effective something similar to be available?
- Access to therapy from child psychotherapy, parent & child
- Have supervision development programme which "endorses value of worker"
- Basic toolkit for frontline workers & volunteers on activities to support positive attachment, Big toes, Little toes.
- Remember same sex families too
- Watch, wait and wonder programme

Group 2

- Call the HELPLINE 0800 616 171, it's for everyone
- Training/Workforce development in
 - Infant Mental Health and Attachment
 - Communications/motivational in???? to be able to observe, identify and support

- Offer free (or very low cost) training for members of the community (who are embedded in local networks) re: infant mental health/baby brain development, egg. The SOLIHULL APPROACH workshop. Resources led by the above – trained people i.e. Local toddler groups could be listed on a 'Resource Map'.
- Normalise perinatal mental health
 - Info in local news
 - Real life stories
 - Get celebrities to 'Share' stories.
- Midwives & Health Visitors to be trained to observe and identify early mental health issues in
 - Mums
 - Babies
 - Dads

and offer support/signpost etc.....

- Workforce trained in attachment and infant mental health and in how to observe and identify and communicate as part of their professional qualification (Uni/College etc.) This should include all medical/health and care professions.
- Good Apps that are relevant for Perinatal Mental Health (evidence based)
- Joined up work using previous foundation laying pieces of work egg. Walles "Infant Mental Health Pathway" 2013 and <u>"Shaping the Future</u>". WCC and the 3rd Sector into the future.
- Multi-disciplinary Strategic approach to getting access to schools.

Group 3

- Triadic Work
- <u>PIP</u> set up in Warwickshire
- <u>All Early Years Education / nursery/ children centre staff trained in attachment & infant mental health (fundamental knowledge) and their knowledge & skills applied in every day work.</u>
- Well publicised website with statutory & voluntary sector perinatal services available maintained regularly.
- Information placed at supermarket check-outs (leaflets, cards, etc...) as done in New Zealand
- More Peer support and befriending for parents.
- Making services more accessible out of hours and home visits.
- Mental Health support for parents as well as children/dyadic support to be available in Family Hubs
- Quality information / resources available to professionals and parents ? webpage.
- Developing Apps to increase understanding of infants' needs and role of primary caregiver.

Group 4

- Need to get people to make the link with PND
 - ♦ Web
 - Apps
 - Social media
 - egg. Headspace. SAM APP
- Portal for all referrals (like the GP Gateway)
- E-Directory of services for practitioners & service users
- Universally available training on attachment different levels

Summary report Appendices – vs 20 June

Group 5

- Raise the profile of attachment and improve understanding. 'Attachment in today's world......'
- Support for women with complex pregnancies..... better antenatal care be more proactive with care.
- Universal language across all area's
- Language to address parents without prejudice egg. Change breast feeding team to infant feeding team so mums don't feel failure around not being able to breast feed/sustain breast feeding.
- Focus also on the strengths.....all agencies using same language, same message.
- Attachment is everybody's business....
- Support needs to be available outside of Mon Fri 9-5 \rightarrow early evening egg. Chat Health.
- Language of attachment can be a barrier.....
- Permission to be 'good enough' how do we communicate this?
- Need to get better at assessing experiences of parenting through generations trauma.
- How can we localise support for parents who are receiving treatment away from home?
- Make more of baby boxes and bounty packs to promote services. Coventry & Warwickshire.
- Services available before face to face egg. Text, anonymous on-line.
- Get framework of support clear before raise awareness.
- Make 'attachment' fashionable, use social media.
- Promotion of baby boxes across agencies.

Group 6

- Attachment parent & toddler workshop
- Promoting emotional well-being and de-stigmatising mental health & myth busting.
- Promote role, support & access of HV's in 0-5's not just 0-3 to parents/families/midwives/GP's across the system.
- Perinatal Task and Finish Group
- Expand Perinatal Mental Health Service to include dyadic work
- Pass for Grandparent signature. Other if attends support course
- Need quality assurance on range of services available so that professionals can confidently refer.
- Formalising (and recognising) case co-ordination role of Health Visitor.
- Consolidating activity within Universal Care Services system around HV & MW.
- Professional development around AUTISM &/or ATTACHMENT is needed → around the time of 2year checks there can be confusion.
- Highlighting role of Midwives in supporting good attachment between the ????? and timely referral.
- Containment for frontline staff mindfulness & self-compassion workshop

Notes from Floor Map Exercise 2: Recommendations

PREVENTION

- Same key messages
- It MUST include 3rd Sectors
- Commissioners need to ensure training is available to full work-force coming into contact with families eg. Early years
- Different levels, a bit like safeguarding
- Empowering parents to listen to their instincts
- Start all of this in school!
- Good RSE
- Resilience
- CBT skills
- Use of appropriate language all professionals.
- Focus on wellbeing/strengths based neutral
- Open portal/link to Public Health to post further Bright Ideas
- Bring back 1st parent groups. 6 week courses run by HV
- Perinatal infant mental health awareness raising campaign myth busting
- Strategic approach with working 0-19 (schools health) co-ordinated approach
- Workshop for Grandparents re: support/parentcraft, if attend can visit hospital out of hours
- Services to engage with MH awareness raising campaigns for young families
- Run accessible, open to all, workshops for parents antenatally and postnatally re: attachment and child development
- Increase the digital offer across the patch
- Quality resources for families/carers

UNIVERSAL SUPPORT

- Capture the voices of women and families
- Service user form
 - General
 - ♦ BME
 - Vulnerable groups
- Bank of Apps (evidence based) that we can recommend to parents
- Bring back universal antenatal classes
 - Holistic
 - Emotional & Mental Health
 - Baby Steps
- Task and finish group to monitor new initiatives and hold people accountable for any areas falling short
- Short sessions re: containment for frontline staff \rightarrow mindfulness & self-compassion to support staff, mindful self-awareness to enrich parent containment

- "Local" Bounty bag type offer that includes very relevant local information about local servicesNOT JUST ADVERTISING!!
- Expand workforce capacity/knowledge in attachment/relationship part of existing role
- Head, Heart, Hands tool + others, big toes, little toes, Train <u>Everyone in a simple ref</u>, func, tool to build relationships fast
- Promote role of HV's with 0-5 years to parents, midwives and GP's
- Mindfulness in schools & nurseries

EARLY IDENTIFICATION

- Train all Health Visitors and children centre workers + early years practitioners in Watch, Wait & Wonder
- Drive forward baby boxes in Coventry & Warwickshire
- Improved support for fathers
 - Universal through to more specialist
 - Webinars, skype
 - Engage with Dads to find out what would help, especially hard to reach Dads
- Train workforce (early years, children's centre, social workers) in Solihull approach
- Training in CBT for Health Visitors (as recommended by NICE)
- Up skilling frontline staff to use proven interventions, VIG WNN
- Training in VIG for Health Visitors (as recommended by NICE)
- Improve education around attachment and bonding to help break the cycle.....
- Reinstate Baby Steps Programme across Warwickshire fully funded
- Use google analytics to connect parents searching online with support adverts etc...
- Proven driven multi-agency supervision
- Coproduce links???
- Well-designed portal, eg. See Dementia website, responsibility?, user friendly, strength focused, Q&A
- Developing/promoting existing kite mark and QA awards to wider services and groups

EARLY INTERVENTION IN UNIVERSAL SERVICES

- Workforce development
 - Infant mental health & develop infant mental health specialists
 - Comms (for observation, identification, containment & support & MECC
 - ♦ Attachment
- Re-visiting 0-5 strategy to place HV & MH at the core across Coventry & Warwickshire
- Appropriate supervision & support to Practitioners (ongoing)
- Normalise mental health dialogue/discussion, increase awareness, educate
- All services to include Dads/family unit in its scope of reference for their service delivery
- Birth listening visits for Fathers as well
- All support services need to be reached (so when the money runs out on the phone) calling an 0800 number would help
- Accredit, assure quality of 3rd sector services so NHS can refer in to them with confidence

ADDITIONAL and SPECIALIST CARE

- Triadic support/whole family approach/wrap around service
- Develop a PIP for Warwickshire
- Link the <u>Warwickshire Parenting Support Framework</u> to a 'Resource Mapping' process for antenatal to 2 yr. period.
- PIP in Warwickshire
- Put support in place for families where there is inter-parental conflict
- Model Supervision model between agencies brings everyone together to review cases
- Consistency of messages between different programmes one message for all & one language

TIER 4

No recommendations made

Appendix 5: Estimated prevalence of Perinatal Mental Health Issues in War	arwickshire (2015)	
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	Per 1,000 maternities ^{1,2}	Percentage (%)	Warwickshire (based on 5,994 maternities in 2015 ⁱ)
Antenatal			
Antenatal depression ⁱⁱ	74-128	7.4-12.8	444-767
Post-traumatic stress disorder ⁱⁱⁱ	33	3.3	198
Post-traumatic stress disorder - high risk groups ⁱⁱⁱ	189	18.9	1133
Self-reported anxiety symptoms ^{iv}	182-246	18.2-24.6	1091-1,475
Clinical diagnosis of any anxiety disorder ^{iv}	152	15.2	911
Generalised anxiety disorder ^{iv}	41	4.1	246
Co-morbidities			
Self-reported anxiety symptoms and mild to severe depressive symptoms $^{\rm v}$	95	9.5	569
Self-reported anxiety symptoms and moderate/severe depressive symptoms ^v	63	6.3	378
Clinical diagnosis of any anxiety disorder and depression ^v	93	9.3	557
Clinical diagnosis of generalized anxiety disorder and depression $^{ m v}$	17	1.7	102
Post-natal ³			
Post-natal depression - <20yrs (3 months) ^{vi,vii}	530-560	53-56	107-1124
- all ages (1-3months) ^{viii}	97-129	9.7-12.9	581-773

¹ Maternities are women having babies (including stillbirths). A maternity is a pregnancy resulting in the birth of 1 or more children; therefore, these figures are not the same as the number of babies born.

² A range is presented when the estimate is from a number of studies or a systematic review.

³ The definition of postnatal varies – typically it defines the period immediately after the birth and for the first six weeks of life, however often when referring to service provision the term can extend to one year after childbirth. The post-natal period the prevalence data is based on is stated where known.

⁴ Based on 201 live births to women under 20 years old in Warwickshire in 2015 (ONS)

Post-traumatic stress disorder (during 1 st year) ⁱⁱⁱ	40	4	240
Post-traumatic stress disorder - high risk groups (during 1 st year) ⁱⁱⁱ	185	18.5	1109
Self-reported anxiety symptoms (1-24 weeks after birth) ^{iv}	150	15	899
Clinical diagnosis of any anxiety disorder (1-24 weeks after birth) ^{iv}	99	9.9	593
Generalised anxiety disorder (1-24 weeks after birth) ^{iv}	57	5.7	342
Loneliness following birth (postnatal period not defined) ^{ix}	250	25	1499
Adjustment disorders & distress (postnatal period not defined) ^x	150 - 300	15-30	899 - 1,798
Postpartum Psychosis (postnatal period not defined) ^x	2	0.2	12
Chronic Serious Mental Illness (postnatal period not defined) ^x	2	0.2	12
Severe Depressive Illness (postnatal period not defined) ^x	30	3	180
Co-morbidities			
self-reported anxiety symptoms and mild to severe depressive symptoms $(1-24 \text{ weeks})^{v}$	82	8.2	492
self-reported anxiety symptoms and moderate/severe depressive symptoms (1-24 weeks) ^v	57	5.7	342
clinical diagnosis of anxiety and depression(1-24 weeks) ^v	42	4.2	252
Father's Mental Health ⁵			1
Diagnosed perinatal depression ^{xi}	50-100	5-10	300-599
Diagnosed perinatal anxiety ^{xii}	50-150	5-15	300-899

References

ONS 2015

Bennett HA, Einarson A, Taddio A et al, Prevalence of Depression during Pregnancy: Systematic Review, Obstetrics & Gynaecology, 2004;103(4): 698-709.
 Dikmen Yildiz P, Ayers S. The prevalence of posttraumatic stress disorder in pregnancy and after birth: A systematic review and meta-analysis, Jnl of Affective Disorders 2017; 208:634-645.

^{iv} Dennis C-L, Falah-Hassani K, Shiri R. Prevalence of antenatal and postnatal anxiety: systematic review and meta-analysis, The British Journal of Psychiatry, 2017;210(5) 315-323.

⁵ For purposes of estimating numbers in Warwickshire an assumption has been made that a father can have perinatal mental health issues regardless of marital status or whether they are still in relationship with the mother. This is likely to result in an overestimate.

^v Falah-Hassani K, Shiri R, Dennis C-L. The prevalence of antenatal and postnatal co-morbid anxiety and depression: a meta-analysis, Psychological Medicine, Published online: 17 April 2017 DOI: https://doi.org/10.1017/S0033291717000617

^{vi} Hudson DB, Elek SM, Campbell-Grossman C. Depression, self-esteem, loneliness, and social support among adolescent mothers participating in the new parents project, Adolescence, 2000; 35:445–453.

^{vii} Logsdon MC, Birkimer JC, Simpson T, Looney S. Postpartum depression and social support in adolescents, Journal of Obstetric, Gynecologic, and Neonatal Nursing, 34 2005; 34:46–54.

viii Gavin NI, Gaynes BN, Lohr KN, Meltzer-Brody S, Gartlehner G, Swinson T. Perinatal depression: a systematic review of prevalence and incidence. Obstet Gynecol. 2005;106(5 Pt 1):1071–83.

^{ix} http://www.mynewsdesk.com/uk/axa-ppp/pressreleases/social-isolation-putting-first-time-mums-at-risk-1115877

^x Joint Commissioning Panel for Mental Health: Guidance for Commissioners of Perinatal Mental Health Services Volume Two: Practical mental health commissioning, 2012

xⁱ Paulson JF, Bazemore SD. Prenatal and postpartum depression in fathers and its association with maternal depression: a meta-analysis. J Am Med Assoc. 2010;303(19):1961–9. xⁱⁱ Leach LS, Poyser C, Cooklin AR, Giallo R. Prevalence and course of anxiety disorders (and symptom levels) in men across the perinatal period: a systematic review. J Affect Disord. 2016;190:675–86.