



MIND THE GAP

APPENDICES

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The appendices in this document supplement the following report published by Baby Lifeline: Ledger S, Hindle G, McKee A, Smith T. *Mind the Gap: An Investigation into maternity training for frontline professionals across the UK (2020/21)*. Baby Lifeline. UK. 2021.

Please visit the [Baby Lifeline website](#) for more information and to download the full report.

I. Organisations included in Mind the Gap (2021)

Freedom of information requests were sent to the 150 organisations listed below. Responses not received by Baby Lifeline, or received after the inclusion deadline, were not included in the report (indicated in right-hand column). A copy of the full survey can be downloaded through the [Baby Lifeline website](#).

ORGANISATION	REGION	STATUS
AIREDALE NHS FOUNDATION TRUST	England	Response included
ANEURIN BEVAN UNIVERSITY HEALTH BOARD	Wales	Response included
ASHFORD AND ST PETER'S HOSPITALS NHS FOUNDATION TRUST	England	Response included
BARKING, HAVERING AND REDBRIDGE UNIVERSITY HOSPITALS NHS TRUST	England	Response included
BARNSELY HOSPITAL NHS FOUNDATION TRUST	England	Response not included
BARTS HEALTH NHS TRUST	England	Response included
BEDFORDSHIRE HOSPITALS NHS FOUNDATION TRUST	England	Response included
BELFAST HEALTH AND SOCIAL CARE TRUST	Northern Ireland	Response included
BETSI CADWALADR UNIVERSITY HEALTH BOARD	Wales	Response included
BIRMINGHAM WOMEN'S AND CHILDREN'S NHS FOUNDATION TRUST	England	Response included
BLACKPOOL TEACHING HOSPITALS NHS FOUNDATION TRUST	England	Response included
BOLTON NHS FOUNDATION TRUST	England	Response included
BRADFORD TEACHING HOSPITALS NHS FOUNDATION TRUST	England	Response included
BRIDGEWATER COMMUNITY HEALTHCARE NHS FOUNDATION TRUST	England	Response included
BUCKINGHAMSHIRE HEALTHCARE NHS TRUST	England	Response included
CALDERDALE AND HUDDERSFIELD NHS FOUNDATION TRUST	England	Response included
CAMBRIDGE UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	England	Response included
CARDIFF AND VALE UNIVERSITY HEALTH BOARD	Wales	Response included
CHELSEA AND WESTMINSTER HOSPITAL NHS FOUNDATION TRUST	England	Response included
CHESTERFIELD ROYAL HOSPITAL NHS FOUNDATION TRUST	England	Response included

ORGANISATION	REGION	STATUS
COUNTESS OF CHESTER HOSPITAL NHS FOUNDATION TRUST	England	Response included
COUNTY DURHAM AND DARLINGTON NHS FOUNDATION TRUST	England	Response not included
CROYDON HEALTH SERVICES NHS TRUST	England	Response included
CWM TAF MORGANNWG UNIVERSITY HEALTH BOARD	Wales	Response included
DARTFORD AND GRAVESHAM NHS TRUST	England	Response included
DONCASTER AND BASSETLAW TEACHING HOSPITALS NHS FOUNDATION TRUST	England	Response included
DORSET COUNTY HOSPITAL NHS FOUNDATION TRUST	England	Response not included
EAST AND NORTH HERTFORDSHIRE NHS TRUST	England	Response not included
EAST CHESHIRE NHS TRUST	England	Response included
EAST KENT HOSPITALS UNIVERSITY NHS FOUNDATION TRUST	England	Response included
EAST LANCASHIRE HOSPITALS NHS TRUST	England	Response included
EAST SUFFOLK AND NORTH ESSEX NHS FOUNDATION TRUST	England	Response not included
EAST SUSSEX HEALTHCARE NHS TRUST	England	Response included
EPSOM AND ST HELIER UNIVERSITY HOSPITALS NHS TRUST	England	Response included
FRIMLEY HEALTH NHS FOUNDATION TRUST	England	Response included
GATESHEAD HEALTH NHS FOUNDATION TRUST	England	Response included
GEORGE ELIOT HOSPITAL NHS TRUST	England	Response included
GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST	England	Response included
GREAT WESTERN HOSPITALS NHS FOUNDATION TRUST	England	Response included
GUY'S AND ST THOMAS' NHS FOUNDATION TRUST	England	Response not included
HAMPSHIRE HOSPITALS NHS FOUNDATION TRUST	England	Response included
HARROGATE AND DISTRICT NHS FOUNDATION TRUST	England	Response not included
HOMERTON UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	England	Response included

ORGANISATION	REGION	STATUS
HULL UNIVERSITY TEACHING HOSPITALS NHS TRUST	England	Response included
HYWEL DDA UNIVERSITY HEALTH BOARD	Wales	Response included
IMPERIAL COLLEGE HEALTHCARE NHS TRUST	England	Response not included
ISLE OF WIGHT NHS TRUST	England	Response included
JAMES PAGET UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	England	Response not included
KETTERING GENERAL HOSPITAL NHS FOUNDATION TRUST	England	Response included
KING'S COLLEGE HOSPITAL NHS FOUNDATION TRUST	England	Response included
KINGSTON HOSPITAL NHS FOUNDATION TRUST	England	Response not included
LANCASHIRE TEACHING HOSPITALS NHS FOUNDATION TRUST	England	Response included
LEEDS TEACHING HOSPITALS NHS TRUST	England	Response included
LEWISHAM AND GREENWICH NHS TRUST	England	Response included
LIVERPOOL WOMEN'S NHS FOUNDATION TRUST	England	Response included
LONDON NORTH WEST UNIVERSITY HEALTHCARE NHS TRUST	England	Response included
MAIDSTONE AND TUNBRIDGE WELLS NHS TRUST	England	Response included
MANCHESTER UNIVERSITY NHS FOUNDATION TRUST	England	Response included
MEDWAY NHS FOUNDATION TRUST	England	Response included
MID AND SOUTH ESSEX NHS FOUNDATION TRUST	England	Response included
MID CHESHIRE HOSPITALS NHS FOUNDATION TRUST	England	Response not included
MID YORKSHIRE HOSPITALS NHS TRUST	England	Response included
MILTON KEYNES UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	England	Response included
NHS AYRSHIRE AND ARRAN	Scotland	Response included
NHS BORDERS	Scotland	Response included
NHS DUMFRIES AND GALLOWAY	Scotland	Response included

ORGANISATION	REGION	STATUS
NHS FIFE	Scotland	Response included
NHS FORTH VALLEY	Scotland	Response included
NHS GRAMPIAN	Scotland	Response included
NHS GREATER GLASGOW AND CLYDE	Scotland	Response included
NHS HIGHLAND	Scotland	Response included
NHS LANARKSHIRE	Scotland	Response included
NHS Lothian	Scotland	Response included
NHS ORKNEY	Scotland	Response included
NHS SHETLAND	Scotland	Response included
NHS TAYSIDE	Scotland	Response included
NHS WESTERN ISLES	Scotland	Response included
NORFOLK AND NORWICH UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	England	Response not included
NORTH BRISTOL NHS TRUST	England	Response included
NORTH CUMBRIA INTEGRATED CARE NHS FOUNDATION TRUST	England	Response included
NORTH MIDDLESEX UNIVERSITY HOSPITAL NHS TRUST	England	Response not included
NORTH TEES AND HARTLEPOOL NHS FOUNDATION TRUST	England	Response included
NORTH WEST ANGLIA NHS FOUNDATION TRUST	England	Response included
NORTHAMPTON GENERAL HOSPITAL NHS TRUST	England	Response not included
NORTHERN DEVON HEALTHCARE NHS TRUST	England	Response included
NORTHERN HEALTH AND SOCIAL CARE TRUST	Northern Ireland	Response included
NORTHERN LINCOLNSHIRE AND GOOLE NHS FOUNDATION TRUST	England	Response included
NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST	England	Response included
NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST	England	Response not included

ORGANISATION	REGION	STATUS
OXFORD UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	England	Response included
PENNINE ACUTE HOSPITALS NHS TRUST	England	Response included
PORTSMOUTH HOSPITALS UNIVERSITY NATIONAL HEALTH SERVICE TRUST	England	Response not included
POWYS TEACHING HEALTH BOARD	Wales	Response included
ROYAL BERKSHIRE NHS FOUNDATION TRUST	England	Response included
ROYAL CORNWALL HOSPITALS NHS TRUST	England	Response not included
ROYAL DEVON AND EXETER NHS FOUNDATION TRUST	England	Response included
ROYAL FREE LONDON NHS FOUNDATION TRUST	England	Response included
ROYAL SURREY NHS FOUNDATION TRUST	England	Response not included
ROYAL UNITED HOSPITALS BATH NHS FOUNDATION TRUST	England	Response included
SALISBURY NHS FOUNDATION TRUST	England	Response not included
SANDWELL AND WEST BIRMINGHAM HOSPITALS NHS TRUST	England	Response included
SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST	England	Response included
SHERWOOD FOREST HOSPITALS NHS FOUNDATION TRUST	England	Response included
SOMERSET NHS FOUNDATION TRUST	England	Response included
SOUTH EASTERN HEALTH AND SOCIAL CARE TRUST	Northern Ireland	Response not included
SOUTH TEES HOSPITALS NHS FOUNDATION TRUST	England	Response not included
SOUTH TYNESIDE AND SUNDERLAND NHS FOUNDATION TRUST	England	Response included
SOUTH WARWICKSHIRE NHS FOUNDATION TRUST	England	Response included
SOUTHERN HEALTH AND SOCIAL CARE TRUST	Northern Ireland	Response not included
SOUTHPORT AND ORMSKIRK HOSPITAL NHS TRUST	England	Response included
ST GEORGE'S UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	England	Response included
ST HELENS AND KNOWSLEY TEACHING HOSPITALS NHS TRUST	England	Response not included

ORGANISATION	REGION	STATUS
STOCKPORT NHS FOUNDATION TRUST	England	Response included
SURREY AND SUSSEX HEALTHCARE NHS TRUST	England	Response included
SWANSEA BAY UNIVERSITY HEALTH BOARD	Wales	Response included
TAMESIDE AND GLOSSOP INTEGRATED CARE NHS FOUNDATION TRUST	England	Response included
THE DUDLEY GROUP NHS FOUNDATION TRUST	England	Response included
THE HILLINGDON HOSPITALS NHS FOUNDATION TRUST	England	Response included
THE NEWCASTLE UPON TYNE HOSPITALS NHS FOUNDATION TRUST	England	Response included
THE PRINCESS ALEXANDRA HOSPITAL NHS TRUST	England	Response included
THE QUEEN ELIZABETH HOSPITAL, KING'S LYNN, NHS FOUNDATION TRUST	England	Response included
THE ROTHERHAM NHS FOUNDATION TRUST	England	Response included
THE ROYAL WOLVERHAMPTON NHS TRUST	England	Response included
THE SHREWSBURY AND TELFORD HOSPITAL NHS TRUST	England	Response included
TORBAY AND SOUTH DEVON NHS FOUNDATION TRUST	England	Response included
UNITED LINCOLNSHIRE HOSPITALS NHS TRUST	England	Response included
UNIVERSITY COLLEGE LONDON HOSPITALS NHS FOUNDATION TRUST	England	Response included
UNIVERSITY HOSPITAL SOUTHAMPTON NHS FOUNDATION TRUST	England	Response included
UNIVERSITY HOSPITALS BIRMINGHAM NHS FOUNDATION TRUST	England	Response included
UNIVERSITY HOSPITALS BRISTOL AND WESTON NHS FOUNDATION TRUST	England	Response included
UNIVERSITY HOSPITALS COVENTRY AND WARWICKSHIRE NHS TRUST	England	Response included
UNIVERSITY HOSPITALS DORSET NHS FOUNDATION TRUST	England	Response included
UNIVERSITY HOSPITALS OF DERBY AND BURTON NHS FOUNDATION TRUST	England	Response included
UNIVERSITY HOSPITALS OF LEICESTER NHS TRUST	England	Response included
UNIVERSITY HOSPITALS OF MORECAMBE BAY NHS FOUNDATION TRUST	England	Response not included

ORGANISATION	REGION	STATUS
UNIVERSITY HOSPITALS OF NORTH MIDLANDS NHS TRUST	England	Response included
UNIVERSITY HOSPITALS PLYMOUTH NHS TRUST	England	Response included
UNIVERSITY HOSPITALS SUSSEX NHS FOUNDATION TRUST	England	Response not included
WALSALL HEALTHCARE NHS TRUST	England	Response included
WARRINGTON AND HALTON TEACHING HOSPITALS NHS FOUNDATION TRUST	England	Response included
WEST HERTFORDSHIRE HOSPITALS NHS TRUST	England	Response included
WEST SUFFOLK NHS FOUNDATION TRUST	England	Response included
WESTERN HEALTH AND SOCIAL CARE TRUST	Northern Ireland	Response included
WHITTINGTON HEALTH NHS TRUST	England	Response not included
WIRRAL UNIVERSITY TEACHING HOSPITAL NHS FOUNDATION TRUST	England	Response included
WORCESTERSHIRE ACUTE HOSPITALS NHS TRUST	England	Response included
WRIGHTINGTON, WIGAN AND LEIGH NHS FOUNDATION TRUST	England	Response included
WYE VALLEY NHS TRUST	England	Response included
YEOVIL DISTRICT HOSPITAL NHS FOUNDATION TRUST	England	Response included
YORK AND SCARBOROUGH TEACHING HOSPITALS NHS FOUNDATION TRUST	England	Response included

II. List of topics

The table below includes the full list of topics and their descriptions as included within the Freedom of Information (FOI) request for 2021.

For brevity and ease, these topic 'names' have sometimes been shortened in the text and charts within the report. For clarity, the shortened topic names can also be found below.

	Full topic name and description as included in the FOI request	Shortened topic name
1	Emergency skills & drills: <i>Including shoulder dystocia, cord prolapse, eclampsia, hypertensive crisis, antepartum & postpartum haemorrhage, vaginal breech birth, uterine inversion, uterine rupture, amniotic fluid embolism, maternal collapse, water birth/pool drill, covid-19 positive emergency, impacted fetal head, anaesthetic related emergency and intrapartum deinfibulation</i>	Emergency skills & drills
2	Fetal monitoring: <i>Including Continuous Electronic Fetal Monitoring (CTG) and Intermittent Auscultation</i>	Fetal monitoring
3	Interpersonal and human factors skills: <i>Including communication, situational awareness, communication/handover tools, cognitive bias, impact of stress/fatigue/workload and escalation</i>	Human Factors
4	Early recognition & management of the acutely unwell woman: <i>Including early recognition, enhanced maternal care, maternal critical care, and assessment and management of a covid-19 positive woman</i>	Recognition & management of the unwell woman
5	Sepsis: <i>Including recognition and management of maternal sepsis and recognition and management of neonatal sepsis</i>	Sepsis
6	Co-morbidities in pregnancy/management of high-risk pregnancies: <i>Including hypertension, diabetes, obesity/women post bariatric surgery, thromboembolism, cardiovascular disease, epilepsy, advanced maternal age, teenage pregnancy, twin pregnancy, stroke, malignancy</i>	Co-morbidities
7	Adult/maternal life support	Adult/maternal life support
8	Newborn life support	Newborn life support
9	Learning from adverse events: <i>Including incident reporting, learning from adverse events, candour, and family engagement</i>	Learning from adverse events
10	Informed consent	Informed consent
11	Other professional issues: <i>Including documentation of care, raising concerns/whistleblowing, and personalised care</i>	Other professional issues
12	Reducing smoking in pregnancy	Reducing smoking in pregnancy
13	Screening for fetal growth: <i>Including measurement of symphysis fundal height (SFH), plotting and interpretation of SFH using local charts and when to refer</i>	Screening for fetal growth
14	Preterm birth: <i>Including recognition of women at risk, appropriate referral/preventative strategies, and optimisation of perinatal care for the extremely preterm infant</i>	Preterm birth

15	Management of reduced fetal movement	Management of reduced fetal movement
16	Ongoing antenatal and peripartum risk assessment: <i>Including antenatal & intrapartum risk assessment, planning place of birth, appropriate transfer, appropriate referral/shared-care, and reducing risk of transmission of serious infection to the fetus/neonate</i>	Ongoing Risk Assessment
17	Assessment, management and prevention of perineal trauma: <i>Including management of first, second, third and fourth degree tears, and prevention</i>	Perineal Trauma
18	Perinatal mental health	Perinatal mental health
19	Bereavement care	Bereavement care
20	Newborn care: <i>Including neonatal hypoglycaemia, neonatal jaundice, thermoregulation, procedures and positioning for safe skin-to-skin care, newborn feeding, and examination of the newborn</i>	Newborn Care
21	Care of women following operative interventions	Care following operative interventions
22	Induction and augmentation of labour	Induction & augmentation of labour
23	Instrumental and assisted delivery: <i>Including forceps delivery, ventouse delivery, and manual rotation</i>	Instrumental & assisted delivery
24	Pain relief during labour and birth: <i>Including safety, choice, access, and consent, and care of epidurals</i>	Pain relief during labour & birth
25	Cultural competency	Cultural competency
26	Safeguarding adults: <i>Including handling disclosure and domestic and sexual violence</i>	Safeguarding adults
27	Resilience/wellbeing for healthcare professionals	Resilience/wellbeing
28	Promoting normality in childbirth	Promoting normality
29	Complementary therapies	Complementary therapies
30	Family planning and contraception	Family planning & contraception
31	Safeguarding children and young people	Safeguarding children
32	Substance misuse	Substance misuse
33	Other maternity training	Other maternity training

III. Survey responses by question – Topics

The tables in this section display overall organisation responses to the topic questions from the Baby Lifeline FOI. A copy of the full survey can be found on the [Baby Lifeline website](#).

Table 1: Overall survey responses to the question, was training provided (by topic)?

Topic	Provided and mandatory	Provided but not mandatory	Not provided
Emergency skills & drills	99%	1%	0%
Fetal monitoring	98%	0%	2%
Human Factors	80%	14%	6%
Recognition & management of the unwell woman	82%	7%	11%
Sepsis	83%	9%	8%
Co-morbidities	54%	13%	33%
Adult/maternal life support	98%	0%	2%
Newborn life support	99%	0%	1%
Learning from adverse events	38%	33%	29%
Informed consent	23%	26%	50%
Other professional issues	31%	16%	53%
Reducing smoking in pregnancy	64%	14%	22%
Screening for fetal growth	74%	20%	6%
Preterm birth	22%	23%	54%
Management of reduced fetal movement	34%	22%	45%
Ongoing Risk Assessment	26%	21%	54%
Perineal Trauma	30%	39%	31%
Perinatal mental health	71%	16%	13%
Bereavement care	43%	29%	29%
Newborn Care	57%	22%	20%
Care following operative interventions	12%	13%	75%
Induction & augmentation of labour	5%	24%	71%
Instrumental & assisted delivery	10%	33%	58%
Pain relief during labour & birth	27%	21%	52%
Cultural competency	15%	17%	67%
Safeguarding adults	91%	4%	5%
Resilience/wellbeing	15%	62%	23%
Promoting normality	14%	27%	59%
Complementary therapies	4%	26%	70%
Family planning & contraception	7%	26%	67%
Safeguarding children	95%	2%	2%
Substance misuse	35%	24%	41%

Table 2: If training in this topic was mandatory, which staff groups were required to attend?

If mandatory, which groups was these topics mandatory for?	Midwives	Obstetricians	Obstetric Anaesthetists	MSWs	Other AHPs
Emergency skills & drills	100%	98%	87%	85%	63%
CTG ¹	98%	95%	9%	4%	4%
Intermittent auscultation ¹	97%	71%	2%	2%	2%
Human Factors	100%	97%	75%	80%	56%
Recognition & management of the unwell woman	100%	95%	78%	79%	52%
Sepsis	99%	90%	70%	76%	48%
Co-morbidities	100%	85%	62%	69%	40%
Adult/maternal life support	99%	94%	82%	91%	68%
Newborn life support	98%	54%	30%	52%	30%
Learning from adverse events	96%	69%	31%	44%	17%
Informed consent	83%	86%	55%	62%	41%
Documentation of care ²	82%	44%	28%	49%	21%
Raising concerns/whistleblowing ²	56%	41%	31%	36%	23%
Personalised care ²	54%	33%	21%	26%	13%
Reducing smoking in pregnancy	100%	38%	6%	69%	16%
Screening for fetal growth	92%	62%	2%	6%	10%
Recognition of women at high risk of preterm birth ³	86%	64%	14%	11%	0%
Appropriate referral of at-risk women ³	86%	64%	7%	7%	0%
Optimising perinatal care for the extremely preterm infant ³	61%	54%	7%	7%	7%
Management of reduced fetal movement	98%	86%	5%	10%	0%
Antenatal risk assessment ⁴	90%	58%	23%	23%	6%
Planning place of birth ⁴	84%	55%	13%	19%	6%
Intrapartum risk assessment ⁴	90%	68%	26%	19%	6%
Appropriate transfer ⁴	81%	65%	19%	16%	10%
Appropriate referral and shared-care ⁴	77%	61%	26%	13%	10%
Reducing risk of transmission of serious infection ⁴	52%	48%	13%	19%	10%
Perineal Trauma	97%	53%	0%	13%	3%
Perinatal mental health	100%	56%	22%	60%	19%
Bereavement care	96%	28%	0%	59%	2%
Newborn Care	96%	23%	7%	70%	15%
Care following operative interventions	100%	67%	60%	60%	47%
Induction & augmentation of labour	83%	100%	17%	0%	0%
Instrumental & assisted delivery	17%	100%	8%	8%	8%
Pain relief during labour & birth	97%	32%	26%	9%	0%
Cultural competency	95%	79%	58%	79%	58%

1. Sub-topic of *fetal monitoring*

2. Sub-topic of *other professional issues*

3. Sub-topic of *preterm birth*

4. Sub-topic of *ongoing risk assessment*

Table 3: If mandatory, how often is it required that relevant staff complete this training?

Topic	More than once a year	Yearly	Less than once a year
Emergency skills & drills	0%	95%	5%
Fetal monitoring	5%	94%	2%
Human Factors	1%	91%	8%
Recognition & management of the unwell woman	0%	92%	8%
Sepsis	1%	90%	9%
Co-morbidities	0%	88%	12%
Adult/maternal life support	0%	90%	10%
Newborn life support	1%	92%	7%
Learning from adverse events	2%	78%	20%
Informed consent	0%	54%	46%
Reducing smoking in pregnancy	0%	84%	16%
Screening for fetal growth	1%	92%	7%
Preterm birth	0%	96%	4%
Management of reduced fetal movement	5%	90%	5%
Perineal Trauma	3%	46%	51%
Perinatal mental health	1%	83%	16%
Bereavement care	0%	87%	13%
Newborn Care	1%	91%	7%
Care following operative interventions	0%	87%	13%

Table 4: If mandatory, what was the minimum duration of training required for relevant staff on this topic?

Topic	Less than two hours	Between two and six hours	More than six hours
Emergency skills & drills	6%	28%	67%
Fetal monitoring	10%	33%	57%
Human Factors	62%	19%	18%
Recognition & management of the unwell woman	69%	15%	16%
Sepsis	83%	7%	10%
Co-morbidities	72%	15%	13%
Adult/maternal life support	73%	21%	6%
Newborn life support	78%	13%	9%
Learning from adverse events	78%	13%	9%
Informed consent	86%	14%	0%
Reducing smoking in pregnancy	97%	3%	0%
Screening for fetal growth	72%	28%	0%
Preterm birth	88%	8%	4%
Management of reduced fetal movement	90%	5%	5%
Perineal Trauma	54%	32%	14%
Perinatal mental health	80%	15%	6%
Bereavement care	90%	10%	0%
Newborn Care	69%	23%	9%
Care following operative interventions	67%	27%	7%

Table 5: If more than one professional group attended this training, did they attend it together?

Topic	Multi-professional training provided	Professional groups attended separately	Attended by one group only
Emergency skills & drills	94%	5%	1%
Fetal monitoring	85%	12%	2%
Human Factors	94%	4%	2%
Recognition & management of the unwell woman	80%	15%	6%
Sepsis	85%	11%	5%
Co-morbidities	78%	15%	8%
Adult/maternal life support	74%	23%	2%
Newborn life support	70%	19%	10%
Learning from adverse events	66%	19%	16%
Informed consent	37%	49%	14%
Reducing smoking in pregnancy	36%	35%	29%
Screening for fetal growth	34%	46%	21%
Preterm birth	59%	27%	15%
Management of reduced fetal movement	57%	32%	12%
Perineal Trauma	33%	41%	26%
Perinatal mental health	62%	18%	20%
Bereavement care	47%	26%	27%
Newborn Care	54%	25%	21%
Care following operative interventions	45%	23%	32%

Table 6: Who delivered the training in this topic?

Topic	In-house providers	External Providers	A combination (in-house and external)
Emergency skills & drills	71%	2%	27%
Fetal monitoring	54%	9%	37%
Human Factors	76%	3%	22%
Recognition & management of the unwell woman	71%	7%	22%
Sepsis	85%	4%	11%
Co-morbidities	80%	4%	16%
Adult/maternal life support	90%	3%	6%
Newborn life support	84%	4%	12%
Learning from adverse events	86%	3%	11%
Informed consent	73%	19%	8%
Reducing smoking in pregnancy	57%	26%	16%
Screening for fetal growth	42%	38%	20%
Preterm birth	79%	12%	9%
Management of reduced fetal movement	84%	10%	6%
Perineal Trauma	84%	4%	12%
Perinatal mental health	69%	12%	19%
Bereavement care	76%	14%	9%
Newborn Care	87%	3%	10%
Care following operative interventions	88%	0%	13%

Table 7: Was training in this topic evaluated?

Topic	Training was evaluated	Training was not evaluated
Emergency skills & drills	92%	8%
Fetal monitoring	69%	31%
Human Factors	80%	20%
Recognition & management of the unwell woman	80%	20%
Sepsis	81%	19%
Co-morbidities	79%	21%
Adult/maternal life support	70%	30%
Newborn life support	82%	18%
Learning from adverse events	62%	38%
Informed consent	43%	57%
Reducing smoking in pregnancy	66%	34%
Screening for fetal growth	42%	58%
Preterm birth	65%	35%
Management of reduced fetal movement	61%	39%
Perineal Trauma	60%	40%
Perinatal mental health	73%	27%
Bereavement care	70%	30%
Newborn Care	78%	22%
Care following operative interventions	71%	29%

IV. Survey responses by question – Sub-topics

The tables in this section display overall organisation responses to the sub-topic questions and additional questions from the Baby Lifeline FOI. A copy of the full survey can be found on the [Baby Lifeline website](#).

Table 8: What specific training was provided as part of *Emergency skills & drills*?

Sub-topic	Provided
Shoulder dystocia	98%
Cord prolapse	80%
Eclampsia	92%
Hypertensive Crisis	61%
Antepartum haemorrhage	71%
Postpartum haemorrhage	98%
Vaginal breech birth	88%
Uterine Inversion	33%
Uterine rupture	49%
Amniotic fluid embolism	15%
Maternal collapse	88%
Water birth/pool drill	42%
Covid-19 positive emergency	87%
Impacted fetal head	29%
Intrapartum deinfibulation	8%
Maternal collapse due to anaesthetic intervention	45%
Other	29%

Table 9: *Emergency skills & drills*: additional questions

Question	Provided
Did your organisation provide emergency skills & drills training which was specific to the pre-hospital setting (i.e. specifically for community midwives)?	66%
Did training in this topic include consideration of the impact of 'human factors' in emergency scenarios (e.g. communication/situational awareness)?	99%
Did emergency skills & drills training include simulation of unit-specific emergency escalation/communication protocols?	99%
Do you use real-life scenarios and cases in your emergency skills & drills training? (e.g. MBRRACE-UK vignettes)	90%
Did training provided include developing an awareness of indications and use for cell salvage?	44%
Does training in emergency skills & drills include scenarios involving women whose first language is not English?	22%
Did training in emergency skills & drills include identification of clinical signs in people with black and brown skin?	30%

Table 10: What specific training was provided as part of *Fetal monitoring*?

Sub-topic	Percentage of those providing <i>Fetal monitoring</i> training	Percentage of all organisations surveyed
Continuous Electronic Fetal Monitoring (CTG)	98%	97%
Intermittent Auscultation	98%	97%
Situational awareness/human factors	82%	80%
Antenatal CTG	93%	91%
Fetal Physiology	90%	88%
Considering the wider clinical picture	85%	83%
Systems for review and escalation of fetal wellbeing	90%	88%
Other	21%	20%

Table 11: What specific training was provided as part of *Human factors*?

Sub-topic	Percentage of those providing <i>Human factors</i> training	Percentage of all organisations surveyed
Communication	97%	91%
Situational awareness	96%	90%
Tools to aid communication/handover	90%	84%
Cognitive bias	56%	53%
Impact of stress/fatigue/workload	81%	76%
Escalation	91%	85%
Other	19%	18%

Table 12: What specific training was provided as part of *Recognition & management of the unwell woman*?

Sub-topic	Percentage of those providing <i>Recognition & management of the unwell woman</i> training	Percentage of all organisations surveyed
Early recognition of the acutely unwell woman	95%	84%
Enhanced Maternal Care	66%	59%
Maternal Critical Care	76%	68%
...including the use of maternal critical care observation charts	55%	49%
...including structured review proformas	48%	43%
...including deterioration & escalation thresholds	58%	51%
...including timing of birth	44%	39%
...including postnatal care	49%	43%
Assessment and management of a COVID-19 positive woman	85%	76%
Other	16%	14%

Table 13: What specific training was provided as part of *Sepsis*?

Sub-topic	Percentage of those providing <i>Sepsis</i> training	Percentage of all organisations surveyed
Recognition of neonatal sepsis	45%	42%
Recognition of maternal sepsis	99%	91%
Management of neonatal sepsis	39%	36%
Management of maternal sepsis	97%	90%
Other (please specify)	6%	6%

Table 14: What specific training was provided as part of *Co-morbidities*?

Sub-topic	Percentage of those providing <i>Co-morbidities</i> training	Percentage of all organisations surveyed
Hypertension	82%	55%
Diabetes	69%	46%
Obesity/women post bariatric surgery	36%	24%
Thromboembolism	58%	39%
Cardiovascular disease	44%	29%
Epilepsy	28%	19%
Advanced maternal age	21%	14%
Teenage Pregnancy	16%	11%
Twin Pregnancy	34%	23%
Stroke	15%	10%
Malignancy	11%	7%
Other	16%	11%

Table 15: What specific training was provided as part of *Learning from adverse events*?

Sub-topic	Percentage of those providing <i>Learning from adverse events</i> training	Percentage of all organisations surveyed
Incident reporting	82%	57%
Learning from adverse events	91%	64%
Candour	66%	46%
Family engagement in incident investigations	52%	36%
Other	15%	10%

Table 16: What specific training was provided relating to *Other professional issues*?

Sub-topic	Percentage of those providing <i>other professional issues</i> training	Percentage of all organisations surveyed
Documentation of Care	81%	38%
Raising concerns/whistleblowing	63%	29%
Personalised care	61%	28%
Other	2%	1%

Table 17: What specific training was provided as part of *Screening for fetal growth*?

Sub-topic	Percentage of those providing <i>Screening for fetal growth</i> training	Percentage of all organisations surveyed
Measurement of symphysis fundal height	93%	87%
Plotting and interpretation of symphysis fundal height using local charts	94%	87%
When to refer	92%	86%
Other	19%	17%

Table 18: What specific training was provided as part of *Preterm birth*?

Sub-topic	Percentage of those providing <i>Preterm birth</i> training	Percentage of all organisations surveyed
Recognition of women at high risk of preterm birth	75%	34%
Appropriate referral of at-risk women to specialist services and/or preventative strategies	79%	35%
Optimising perinatal care for the extremely preterm infant (as per BAPM framework for practice)	74%	33%
Training for relevant staff in transvaginal US cervix scanning and interpretation in asymptomatic women at high risk of preterm birth.	46%	20%
Training for relevant staff in the application and interpretation of transvaginal US cervix scanning and/or other near-patient tests (such as fibronectin) in symptomatic women at high risk of preterm birth.	44%	20%
Training for relevant staff on strategies for preventing preterm birth (such as cerclage, arabin pessary insertion, or use of vaginal progesterone administration).	42%	19%
Did maternity staff have the opportunity to attend multidisciplinary training on optimising perinatal care for the extremely preterm infant with the neonatal team?	25%	11%
Other training on preterm birth	26%	12%

Table 19: What specific training was provided as part of *Ongoing risk assessment*?

Sub-topic	Percentage of those providing <i>Ongoing risk assessment</i> training	Percentage of all organisations surveyed
Antenatal Risk Assessment	89%	39%
Planning Place of Birth	80%	35%
Intrapartum Risk Assessment	89%	39%
Appropriate Transfer	79%	35%
Appropriate/timely referral to other specialities and shared-care (e.g. neurology input for women with epilepsy).	66%	29%

Table 20: *Ongoing risk assessment*: additional questions

Did training include risk-factors for transmission (and strategies for reducing risk) of serious infection to the fetus/neonate during pregnancy, birth, and postnatally?	Percentage of those providing <i>ongoing risk assessment</i> training	Percentage of all organisations surveyed
Yes, general risk factors	79%	35%
Yes, specific information about Group-B Streptococcus (GBS)	21%	9%
Yes, specific information about Herpes Simplex Virus (HSV)	11%	5%
Yes, specific information about Cytomegalovirus (CMV)	13%	6%

Table 21: What specific training was provided as part of *Perineal trauma*?

Sub-topic	Percentage of those providing <i>Perineal trauma</i> training	Percentage of all organisations
Prevention of perineal trauma	93%	64%
Assessment and management of first degree tears	94%	65%
Assessment and management of second degree tears	94%	65%
Assessment and management of third degree tears	84%	57%
Assessment and management of fourth degree tears	80%	55%

Table 22: What specific training was provided as part of *Newborn care*?

Sub-topic	Percentage of those providing <i>Newborn care</i> training	Percentage of all organisations surveyed
Neonatal hypoglycaemia	75%	60%
Neonatal jaundice	58%	46%
Thermoregulation	79%	63%
Newborn feeding	90%	72%
Procedures and positioning for safe skin-to-skin care	80%	64%
Other	19%	15%

Table 23: What specific training was provided as part of *Instrumental & assisted delivery*?

Sub-topic	Percentage of those providing <i>Instrumental & assisted delivery</i> training	Percentage of all organisations surveyed
Forceps Delivery	82%	33%
Rotational Forceps	63%	25%
Ventouse Delivery	82%	33%
Manual Rotation	69%	28%
Other	20%	8%

Table 24: What specific training was provided as part of *Pain relief during labour & birth*?

Sub-topic	Percentage of those providing <i>Pain relief during labour & birth</i> training	Percentage of all organisations surveyed
Safety	75%	35%
Choice, access, and consent	75%	35%
Care of epidurals	90%	43%
Other	20%	9%

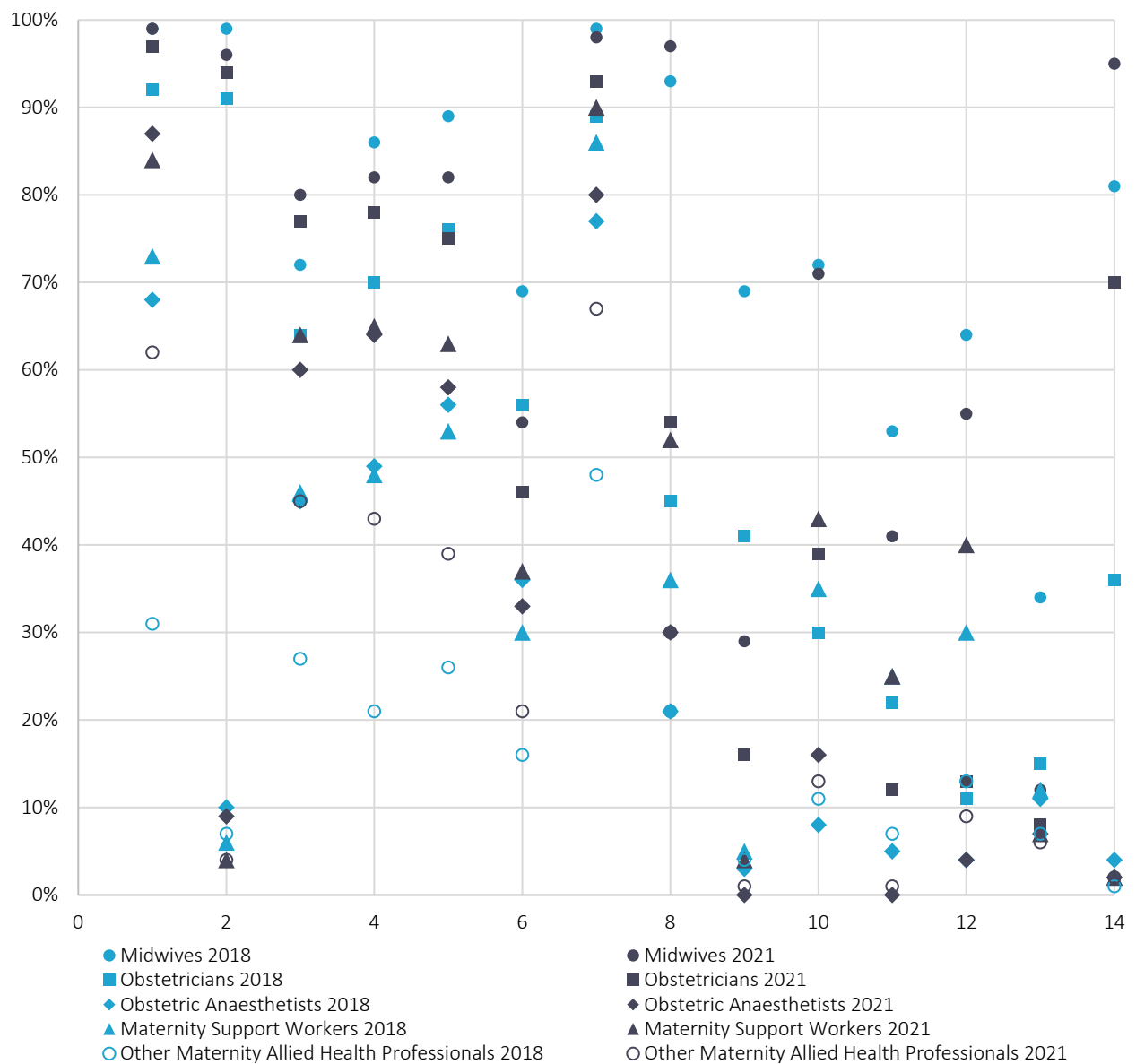
Table 25: What specific training was provided as part of *Safeguarding adults*?

Sub-topic	Percentage of those providing <i>Safeguarding adults</i> training	Percentage of all organisations surveyed
Handling disclosure	87%	82%
Female genital mutilation	81%	76%
Domestic and sexual violence	92%	87%

V. Training topics by topic, staff group and financial year

Graph 1 compares training topics considered mandatory at UK organisations in the 2020/21 financial year with 2017/18 by staff group. Staff groups are displayed on the graph using shapes and topics are listed along the X axis.

Graph 1: Training considered mandatory at UK organisations – by topic and by staff group; 2017/18 compared with 2020/21



- | | |
|--|---|
| 1. Emergency skills & drills | 8. Newborn life support |
| 2. Fetal monitoring – CTG | 9. Assessment, management and prevention of perineal trauma |
| 3. Interpersonal and human factors skills | 10. Perinatal mental health |
| 4. Early recognition and management of the acutely unwell woman | 11. Bereavement care |
| 5. Sepsis | 12. Newborn care |
| 6. Co-morbidities in pregnancy/management of high-risk pregnancies | 13. Care of women following operative interventions |
| 7. Adult/maternal life support | 14. Fetal monitoring – Intermittent auscultation |

VI. Training topics considered mandatory by staff group by year

Table 26: Which training topics were considered mandatory for which staff groups in 2017/18 and 2020/21?

Topic	Midwives		Obstetricians		Obstetric Anaesthetists		Maternity Support Workers		Other Maternity Allied Health Professionals	
	2017 /18	2020 /21	2017 /18	2020 /21	2017 /18	2020 /21	2017 /18	2020 /21	2017 /18	2020 /21
Emergency skills & drills	99%	99%	92%	97%	68%	87%	73%	84%	31%	62%
Fetal monitoring – CTG	99%	96%	91%	94%	10%	9%	6%	4%	7%	4%
Interpersonal and human factors skills	72%	80%	64%	77%	45%	60%	46%	64%	27%	45%
Recognition and management of the unwell woman	86%	82%	70%	78%	49%	64%	48%	65%	21%	43%
Sepsis	89%	82%	76%	75%	56%	58%	53%	63%	26%	39%
Co-morbidities	69%	54%	56%	46%	36%	33%	30%	37%	16%	21%
Adult/maternal life support	99%	98%	89%	93%	77%	80%	86%	90%	48%	67%
Newborn life support	93%	97%	45%	54%	21%	30%	36%	52%	21%	30%
Perineal trauma	69%	29%	41%	16%	3%	0%	5%	4%	4%	1%
Perinatal mental health	72%	71%	30%	39%	8%	16%	35%	43%	11%	13%
Bereavement care	53%	41%	22%	12%	5%	0%	25%	25%	7%	1%
Newborn care	64%	55%	11%	13%	4%	4%	30%	40%	13%	9%
Care following operative interventions	34%	12%	15%	8%	11%	7%	12%	7%	7%	6%
Fetal monitoring – Intermittent auscultation	81%	95%	36%	70%	4%	2%	2%	2%	1%	2%