

**Appendix 1: Resource use during intrapartum care\* [posted as supplied by author]**

Resource use variable	Obstetric Unit (OU)	Home	Freestanding Midwifery Unit (FMU)	Alongside Midwifery Unit (AMU)
<b>HOME</b>				
Homebirth packs	0.0 (0.0)	1.0	0.0 (0.0)	0.0 (0.0)
Staff travel to homebirth – distance 23 miles return trip	0.0 (0.0)	1.0	0.0 (0.0)	0.0 (0.0)
<b>ALL 'non-OU' UNITS</b>				
Duration of labour care prior to transfer (hours)	0.0 (0.0)	1.20 <sup>¥</sup> ( 2.92)	1.45 <sup>¥</sup> (3.36 )	1.72 <sup>¥</sup> (3.61)
Transfer duration (hours)	0.0 (0.0)	0.10 <sup>§</sup> (0.24)	0.13 <sup>§</sup> (0.27)	0.05 <sup>§</sup> ( 0.12)
<b>Mode of transfer</b>				
Ambulance	0.0 (0.0)	0.17 ( 0.38)	0.21 (0.41)	0.0 (0.0)
Private car	0.0 (0.0)	0.031 (0.17)	0.005 (0.069)	0.0013 (0.0036)
Wheelchair or trolley	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.21 (0.41)
Bed	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.021 0.143
Rapid response ambulance car	0.0 (0.0)	0.00025 (0.016)	0.0 (0.0)	0.0 (0.0)
Helicopter	0.0 (0.0)	0.00006 (0.008)	0.0 (0.0)	0.0 (0.0)
Taxi	0.0 (0.0)	0.0003 (0.019)	0.00009 (0.0009)	0.0 (0.0)
No physical transfer	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.0011 (0.034)
<b>Duration of labour care after transfer (hours)</b>				
Duration of labour care after transfer (hours)	0.0 (0.0)	1.46 <sup>€</sup> (3.71)	1.45 <sup>€</sup> (3.58)	1.81 <sup>€</sup> (4.01)
<b>ALL UNITS</b>				
Duration of labour care from start to finish if no transfer (hours)	9.01 (6.22)	6.61 (5.31)	7.49 (5.68)	7.92 (5.92)

<i>Mode of birth</i>				
Spontaneous vertex birth	0.738 (0 .49)	0.928 (0.31)	0.907 (0.29)	0.859 (0.47)
Vaginal breech birth	0.002 (0.04)	0.004 ( 0.06)	0.004 ( 0.058)	0.002 ( 0.03)
Ventouse	0.081 (0.26)	0.021 ( 0.14)	0.027 (0.16)	0.048 (0.21)
Forceps	0.068 (0.24)	0.021 (0 .15)	0.029 (0 .17)	0.047 (0.20)
Caesarean section	0.11.1 (0.31)	0.028 (0 .16)	0.035 ( 0.18)	0.044 ( 0.36)
<i>Procedures related to intrapartum care</i>				
Augmentation	0.235 (0.42)	0.054 (0 .23)	0.071 ( 0 .26)	0.103 (0 .30)
Epidural/Spinal	0.307 ( 0.45)	0.083 (0.27)	0.106 (0.31)	0.153 (0.35)
General Anaesthetic	0.015 (1.12)	0.005 (0.067)	0.005 (0.073)	0.006 (0.07)
Active Management of the third stage of labour	0.939 (0.23)	0.687 (0.46)	0.779 (0.42)	0.859 (0.46)
Episiotomy	0.193 (0.39)	0.054 (0.23)	0.086 (0.28)	0.131 (0.33)
Perineal trauma	0.032 (0.17)	0.19 (0.14)	0.023 (0.14)	0.032 (0.17)
Extracorporeal membrane oxygenation	0.0001 (0.014)	0.00018 ( 0.002)	0.00018 (0.19)	0.00049 ( 0.04)
Total body cooling	0.0005 (0.02)	0.00045 (0.02)	0.00032 ( 0.02)	0.00031 ( 0.017)
Care for a stillbirth	0.0002 (0.012)	0.0003 (0.018)	0.0004 (0.019)	0.0001 ( 0.007)
Neonatal death	0.0003 (0.017)	0.0003 (0.027)	0.0004 (0.02)	0.0001 ( 0.0176)

\* Values are given as means (standard deviations). Where numbers are extremely small they are shown to up to 5 decimal places, otherwise to three decimal places to reflect consistency in presentation of the results with the prospective cohort study. \* Women that were not transferred from their planned place of birth were excluded from this analysis: duration of labour care (hours) prior to transfer was calculated as: 5.71 (home), 6.68 (FMU), 6.5 (AMU).

§ Women that were not transferred from their planned place of birth were excluded from this analysis: duration of transfer (hours) was calculated as: 0.487 (home), 0.592 (FMU), 0.175 (AMU) which is 29 minutes (home), 35 minutes (FMU) and 10 minutes (AMU) respectively.

€ Women that were not transferred from their planned place of birth were excluded from this analysis: duration of labour care (hours) after transfer was calculated as: 6.8 (home), 6.6 (FMU), 6.89 (AMU).