

LICENSED MIDWIFE ANNUAL REPORT: 2007-2012 OVERVIEW SUMMARY

EXPLANATION AND DISCLAIMER

The first page of data details outcomes of planned out-of-hospital births attended by licensed midwives (LMs) over a period of six years. The next four pages detail the reasons why mothers and/or babies were transferred to the hospital after the onset of labor.

The annual reports upon which this summary is based were developed only to follow trends in out-of-hospital maternity care provided by licensed midwives within California, as directed by law. Data listed in this summary are raw, aggregated numbers that have not been verified, validated for correct input, or subjected to epidemiological analysis. They are not to be quoted as definitive statistics or research.

The reporting tool was developed without oversight by maternity-care epidemiology professionals, and has elicited discrepant information. For example:

- The numbers listed (e.g. in sections E, O, and P of the annual report) for maternal and perinatal mortality do not tally properly, so reliable information about these mortality rates cannot be determined.
- The questionnaire does not classify where fetal, perinatal, and neonatal demises took place – out-of-hospital while under the care of the LM, during transfer of care, or in the hospital after transfer of care.
- The report does not distinguish whether the perinate had anomalies or other conditions incompatible with life.
- Mortality information is elicited in more than one section of the questionnaire. This could have led to inadvertent errors in submission, including possible doubling of some entries, thus skewing results.

In 2008 a California LM reported a maternal mortality that actually took place outside of California. Since 2009 all data for all categories come from care that was provided only within the state of California.

Prepared and submitted by Karen Ehrlich, LM – March 2014

REASONS FOR HOSPITAL TRANSFER

Please note: The numbers in parantheses correspond to the lines in the 2009-2012 LMARs. A few of the line numbers for 2007 & 2008 differ from the rest.

On this page, the number in each year's column preceded by "n" refers to the number of planned out-of-hospital births at onset of CARE with LM.

		2007 _{n 2277}	2008 _{n 2774}	2009 _{n 3023}	2010 _{n 3115}	2011 _{n 3934}	2012 _{n 4370}
	Client request (43)	160	26	32	37	39	40
	Non vertex @ term (40)	16	48	29	31	32	43
	AB: spon & termin (34)	39	59	27	27	34	50
Antepartum	Hypertension dev in pg (26)	12	12	12	22	22	27
Elective	IUGR/fetal anomaly (36,37)	6	6	11	10	12	18
section G	Fetal heart irregularity (39)	4	2	4	4	2	6
	Multiple gestation (41)	3	12	10	11	9	10
	Abnorm fluid volume (38)	5	12	12	28	13	9
	Placental problems (33)	4	9	8	7	6	8
	Gestational DM (31)	4	3	6	7	7	9
	Vaginal bleeding (32)	4	5	2	3	3	2
	MW clinical judgment (42)	12	19	26	12	38	16
	All other (25,27,28,29,30,35,44)	32	31	30	41	32	31

Antepartum Urgent/ Emergent section H	Preterm labor or ROM (50)	16	33	26	26	30	44
	Headache/PIH/Preeclam (46)	3	5	10	8	13	13
	Significant vaginal bleed (49)	1	1	0	1	5	3
	Decr fetal mvmt/NST (51)	8	6	7	8	7	6
	Fetal demise (52)	5	5	6	5	4	2
	MW clinical judgment (53)	2	1	5	0	0	2
	Non-preg med condition (45)	3	1	1	0	1	2
	All other (47,48,54)	6	3	1	1	3	4

On next 3 pages, the "n" in each year's column refers to the number of planned out-of-hospital births at onset of LABOR.

		2007 _{n 1687}	2008 _{n 2278}	2009 _{n 1974}	2010 _{n 2245}	2011 _{n 2611}	2012 _{n 2784}
Intrapartum Elective section I	Lack progress/exhaustion/ dehydration (60)	125	188	164	179	240	248
	Pt request pain meds (66)	36	46	38	50	44	46
	Prolonged ROM (59)	18	31	23	31	34	27
	Thickmec w/o fet distres (61)	9	14	10	16	14	23
	Non-vertex presentation (62)	9	11	16	18	11	11
	Malposition/unstable lie (63)	7	10	11	7	7	6
	Hypertension/headache (55)	3	5	3	6	8	8
	Abnormal bleeding (57)	3	2	2	4	2	3
	Signs of infection (58)	1	1	4	4	6	7
	MW clinical judgment (65)	10	4	8	14	18	11
All other (56,64,67)	5	5	3	4	4	7	

Intrapartum Urgent/ Emergency section J	Non-reassur FHT/distress (73)	14	23	16	32	46	32
	Vaginal bleeding/suspected placental abruption (69)	3	2	3	4	5	3
	Preeclampsia (68)	2	1	1	1	1	5
	Cord prolapse (72)	1	2	0	1	0	1
	MW clinical judgment (74)	3	4	21	13	11	3
	All other (70,71,75,76)	0	0	1	2	1	0

		2007 _{n 1687}	2008 _{n 2278}	2009 _{n 1974}	2010 _{n 2245}	2011 _{n 2611}	2012 _{n 2784}
Postpartum Elective section K	Laceration beyond MW (78)	14	24	14	10	25	14
	Adherent placenta w/o significant bleeding (77)	6	13	7	7	8	11
	Signs of infection (82)	3	1	5	3	5	1
	Excessive bleeding in later postpartum (81)	2	4	1	3	7	4
	MW clinical judgment (83)	2	2	0	0	4	1
	Client request (84)	1	3	3	2	0	1
	All other (79,80,85)	2	4	2	3	3	6

Postpartum Urgent/ Emergency section L	Adherent placenta with signif bleeding (90)	9	10	8	10	17	11
	Uncontrolled hemorrh (88)	4	7	5	4	6	5
	Signs of infection (92)	1	2	1	0	0	0
	Seizures, shock or unconsciousness (89)	1	0	3	1	2	0
	Abnorm/unstable vitals (86)	0	3	1	1	3	5
	MW clinical judgment (93)	1	2	4	1	4	0
	All other (87,91,94)	1	5	5	4	2	0

		2007 n 1687	2008 n 2278	2009 n 1974	2010 n 2245	2011 n 2611	2012 n 2784
Infant Elective section M	Poor transition (98)	4	6	6	6	9	13
	Congenital anomalies (96)	3	4	0	9	2	5
	Birth injury (97)	incl w/anomalies	incl w/anomalies	1	0	0	0
	Low birth weight (95)	2	1	1	1	0	0
	Insuffic urine/mec (99)	0	0	2	0	0	1
	Parental request (100)	0	1	3	1	0	2
	MW clinical judgment (101)	7	0	7	4	10	5
	Other (102)	1	4	1	1	4	3

Infant Urgent/ Emergency section N	Abnorm vitals, color, tone lethargy, not nursing (103)	5	16	8	11	12	8
	Significant cardiac or respiratory issues (111)	9	7	8	9	7	10
	10 min Apgar 6 or less (112)	3	6	0	3	3	0
	Congenital anomalies (108)	4	2	1	2	0	0
	Birth injury (109)	incl w/anomalies	incl w/anomalies	0	1	0	1
	Signs of infection (104)	0	1	2	6	2	2
	Signif dehydr or depression of fontanelles (110)	0	0	2	0	1	0
	Abnorm bulg fontanelles (113)	0	0	0	0	0	0
	Abnorm cry, seizures, or loss of conscious (105)	1	0	0	2	0	0
	Significant jaundice w/in 30 hours (106)	2	3	2	1	2	0
	MW clinical judgment (114)	0	3	0	2	1	3
	All other (107,115)	2	1	1	0	3	2