



California Licensed Midwife Annual Report Summary

2022 Reporting Year

AS OF JULY 31, 2023

Submission Summary

Midwives Expected to Report	592
Number Reported	465
Number Unreported	127

Services Provided in California

Number of midwives or student midwives supervised by a midwife who performed midwifery services in State of California during the reporting year when the intended place of birth at the onset of care was an out-of-hospital setting	331
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Client Services

Total number of clients served as primary caregiver during this calendar year	8226
Clients who left care for a non-medical reason	453
Clients whose pregnancies ended for any reason prior to 20 weeks gestation	219
Clients served whose births were still pending on the last day of the reporting year	1498
Total number of clients covered in this report	6056

Out-of-Hospital Birth Outcomes Per County

County Name	Number of live births	Number of live pre-term births between 37 0/7 weeks gestation	Number of live term births (between 37 1/7 and 41 6/7 weeks)	Number of live post-term births (after 42 0/7 weeks)	Number of low birth weight, term, infants (under 2500 grams)
Alameda County	196	1	195	0	1
Alpine County	0	0	0	0	0
Amador County	7	0	7	0	0
Butte County	48	0	48	0	0
Calaveras County	4	0	4	0	0
Colusa County	2	0	2	0	0
Contra Costa County	96	0	96	0	0
Del Norte County	1	0	1	0	0
El Dorado County	58	0	58	0	0
Fresno County	47	0	47	0	0
Glenn County	10	0	10	0	0
Humboldt County	77	0	77	0	0
Imperial County	0	0	0	0	0
Inyo County	0	0	0	0	0
Kern County	79	1	77	0	0
Kings County	1	0	1	0	0
Lake County	9	0	9	0	0
Lassen County	18	0	18	0	0
Los Angeles County	909	3	905	1	3
Madera County	9	0	9	0	0
Marin County	40	0	39	0	0
Mariposa County	1	0	1	0	0
Mendocino County	68	0	68	0	0
Merced County	5	0	5	0	0
Modoc County	0	0	0	0	0
Mono County	0	0	0	0	0
Monterey County	66	0	65	1	0
Napa County	62	0	62	0	0
Nevada County	74	0	74	0	0
Orange County	272	0	272	0	6
Placer County	185	1	180	0	0
Plumas County	10	0	10	0	0

Riverside County	284	0	282	0	0
Sacramento County	127	0	126	1	0
San Benito County	2	0	2	0	0
San Bernardino County	307	2	304	1	2
San Diego County	546	2	540	4	1
San Francisco County	93	2	91	0	1
San Joaquin County	30	0	30	0	1
San Luis Obispo County	117	0	117	0	1
San Mateo County	39	0	39	0	0
Santa Barbara County	83	0	83	0	0
Santa Clara County	101	1	100	0	0
Santa Cruz County	71	0	71	0	1
Shasta County	119	0	119	0	0
Sierra County	1	0	1	0	0
Siskiyou County	16	0	16	0	0
Solano County	34	0	34	0	1
Sonoma County	115	1	113	1	0
Stanislaus County	34	0	34	0	0
Sutter County	3	0	3	0	0
Tehama County	8	0	8	0	0
Trinity County	2	0	2	0	0
Tulare County	5	0	5	0	0
Tuolumne County	64	0	64	0	0
Ventura County	151	0	150	1	0
Yolo County	22	0	22	0	0
Yuba County	13	0	13	0	0
Totals	4741	14	4709	10	18

Out-of-Hospital Birth Outcomes

Planned out-of-hospital births at the onset of labor*	5550
Completed births in an out-of-hospital setting*	4697
Non-VBAC completed singleton breech live born deliveries	138
Of the non-VBAC completed singleton breech live born deliveries, total number of precipitous deliveries	7
Sets of twins both delivered out of hospital	1
Of the sets of twins both delivered out of hospital, total number of precipitous deliveries	1
Sets of higher order multiples all delivered out of hospital	0
Of the sets of higher order multiples all delivered out of hospital, total number of precipitous deliveries	0

* Clients delivering multiples is counted as one birth

Out-of-Hospital VBAC Deliveries and Client History

Planned VBACs at the onset of term labor or term rupture of membranes*	322
Completed VBACs *	242
VBAC completed singleton vertex live born deliveries*	241
VBAC completed singleton breech live born deliveries*	1
VBAC infants' gestational age less than 37 weeks total	2
Of the VBAC infants' gestational age less than 37 weeks total, number of precipitous deliveries*	0
VBAC infants' gestational age between 37.1 and 41.6 weeks total	236
VBAC infants' gestational age 42 weeks or more total	4
VBAC Client History	
VBAC clients who had 0 prior vaginal deliveries	141
VBAC clients who had 1 prior vaginal delivery	91
VBAC clients who had 2 prior vaginal deliveries	27
VBAC clients who had 3 prior vaginal deliveries	10
VBAC clients who had 4 prior vaginal deliveries	6
VBAC clients who had 5 or more prior vaginal deliveries	7
VBAC clients who had 1 prior caesarean delivery	252
VBAC clients who had 2 prior caesarean deliveries	23
VBAC clients who had 3 prior caesarean deliveries	6
VBAC clients who had 4 prior caesarean deliveries	1
VBAC clients who had 5 or more prior caesarean deliveries	0
VBAC clients who had 0 prior VBAC deliveries	147
VBAC clients who had 1 prior VBAC delivery	94

VBAC clients who had 2 prior VBAC deliveries	26
VBAC clients who had 3 prior VBAC deliveries	7
VBAC clients who had 4 prior VBAC deliveries	6
VBAC clients who had 5 or more prior VBAC deliveries	2

** Clients delivering multiples is counted as one VBAC*

Antepartum Transfer of Care, Elective/Non-Emergency

Medical or mental health conditions unrelated to pregnancy	13
Hypertension developed in pregnancy	47
Blood coagulation disorders, including phlebitis	6
Anemia	2
Persistent vomiting with dehydration	0
Nutritional and weight loss issues, failure to gain weight	0
Gestational diabetes	10
Vaginal bleeding	0
Suspected or known placental anomalies or implantation abnormalities	15
Loss of pregnancy (includes spontaneous and elective abortion)	3
HIV test positive	0
Suspected intrauterine growth restriction, suspected macrosomia	15
Fetal anomalies	10
Abnormal amniotic fluid volumes; oligohydramnios or polyhydramnios	19
Fetal heart irregularities	6
Non vertex lie at term	54
Greater than 42 weeks and less than 37 weeks gestation	52
Multiple gestation	12
Clinical judgment of the midwife (where a single other condition above does not apply)	40
Client request	28
Other	36
Total	368

Antepartum Transfer of Care, Urgent/Emergency

Non pregnancy-related medical condition	5
Severe or persistent headache, pregnancy-induced hypertension (PIH), or preeclampsia	47
Isoimmunization, severe anemia, or other blood related issues	0
Significant infection	0
Significant vaginal bleeding	10
Preterm labor or preterm rupture of membranes	28
Marked decrease in fetal movement, abnormal fetal heart tones, non-reassuring non-stress test (NST)	18
Less than 37 0/7 weeks gestation with rupture of membranes	1
Clinical judgment of the midwife (where a single other condition above does not apply)	15
Fetal demise	1
Other	7
Total	132

Intrapartum Transfer of Care, Elective/Non-Emergency

Persistent hypertension; severe or persistent headache	15
Active herpes lesion	0
Abnormal bleeding	5
Signs of infection	9
Prolonged rupture of membranes	53
Lack of progress; maternal exhaustion; dehydration	322
Thick meconium in the absence of fetal distress	20
Non-vertex presentation	14
Unstable lie or mal-position of the vertex	9
Less than 37 weeks gestation in labor	17
Greater than 42 weeks gestation in labor	11
Multiple gestation	0
Clinical judgment of the midwife (where a single other condition above does not apply)	43
Client request; request for medical methods of pain relief	151
Other	16
Total	685

Intrapartum Transfer of Care, Urgent/Emergency

Suspected preeclampsia, eclampsia, seizures	19
Significant vaginal bleeding; suspected placental abruption; severe abdominal pain inconsistent with normal labor	12
Suspected uterine rupture	2
Maternal shock, loss of consciousness	0
Prolapsed umbilical cord	0
Non-reassuring fetal heart tones and/or signs or symptoms of fetal distress	91
Less than 37 weeks gestation in labor	28
Greater than 42 weeks gestation in labor	0
Clinical judgment of the midwife (where a single other condition above does not apply)	21
Other	1
Multiple gestation	0
Total	174

Postpartum Transfer of Care - Client, Elective/Non-Emergency

Adherent or retained placenta without significant bleeding	3
Repair of laceration beyond level of midwife's expertise	15
Postpartum depression	0
Social, emotional or physical conditions outside of scope of practice	2
Excessive or prolonged bleeding in later postpartum period	1
Signs of infection	0
Clinical judgment of the midwife (where a single other condition above does not apply)	3
Client request	0
Other	1
Total	25

Postpartum Transfer of Care - Client, Urgent/Emergency

Abnormal or unstable vital signs	8
Uterine inversion, rupture or prolapse	0
Uncontrolled hemorrhage	22
Seizures or unconsciousness, shock	4
Adherent or retained placenta with significant bleeding	20
Suspected postpartum psychosis	0
Signs of significant infection	0
Clinical judgment of the midwife (where a single other condition above does not apply)	8
Other	3
Total	65

Transfer of Care - Infant, Elective/Non-Emergency

Low birth weight	2
Congenital anomalies	2
Birth injury	0
Poor transition to extra uterine life	2
Insufficient passage of urine or meconium	0
Parental request	3
Clinical judgment of the midwife (where a single other condition above does not apply)	6
Other	5
Total	20

Transfer of Care - Infant, Urgent/Emergency

Abnormal vital signs or color, poor tone, lethargy, no interest in nursing	20
Signs or symptoms of infection	1
Abnormal cry, seizures or loss of consciousness	0
Significant jaundice at birth or within thirty (30) hours	0
Evidence of clinically significant prematurity	1
Congenital anomalies	3
Birth injury	3
Significant dehydration or depression of fontanelles	0
Significant cardiac or respiratory issues	15
Ten (10) minute APGAR score of six (6) or less	1
Abnormal bulging of fontanelles	0
Clinical judgment of the midwife (where a single other condition above does not apply)	6
Other	2
Total	52

Birth Outcomes After Transfer of Care

Client Outcome	Vaginal Birth	Caesarean Delivery	VBAC	Delivery Method Unknown
Without complication	718	454	37	7
With serious pregnancy/birth related medical complications resolved by six (6) weeks	71	42	1	3
With serious pregnancy/birth related medical complications not resolved by six (6) weeks	13	9	0	0
Death of client	0	0	0	0
Other	14	8	0	4
Information not obtainable	1	0	0	67
Totals	817	513	38	81
Infant Outcome	Vaginal Birth	Caesarean Delivery	VBAC	
Healthy live born infant	42	1	2	
With serious pregnancy/birth related medical complications resolved by four (4) weeks	10	0	1	
With serious pregnancy/birth related medical complications not resolved by four (4) weeks	2	0	0	
Live born infant who subsequently died	4	1	0	
Other	8	0	0	
Information not obtainable	1	0	0	
Totals	67	2	3	

Fetal Demise, Infant, and/or Maternal Death Per County

County Name	Fetal Demise	Infant Death	Maternal Death
Alameda County	2	0	0
Alpine County	0	0	0
Amador County	0	0	0
Butte County	0	0	0
Calaveras County	0	0	0
Colusa County	0	0	0
Contra Costa County	0	0	0
Del Norte County	0	0	0
El Dorado County	0	0	0
Fresno County	0	0	0
Glenn County	0	0	0
Humboldt County	0	0	0
Imperial County	0	0	0
Inyo County	0	0	0
Kern County	0	0	0
Kings County	0	0	0
Lake County	0	0	0
Lassen County	0	0	0
Los Angeles County	3	2	0
Madera County	0	0	0
Marin County	0	0	0
Mariposa County	0	0	0
Mendocino County	0	0	0
Merced County	0	0	0
Modoc County	0	0	0
Mono County	0	0	0
Monterey County	1	1	0
Napa County	0	0	0
Nevada County	0	0	0
Orange County	0	1	0
Placer County	0	0	0
Plumas County	0	0	0
Riverside County	4	0	0
Sacramento County	0	0	0

San Benito County	0	0	0
San Bernardino County	2	0	0
San Diego County	0	0	0
San Francisco County	0	2	0
San Joaquin County	0	0	0
San Luis Obispo County	0	1	0
San Mateo County	0	0	0
Santa Barbara County	0	1	0
Santa Clara County	0	0	0
Santa Cruz County	0	0	0
Shasta County	1	1	0
Sierra County	0	0	0
Siskiyou County	0	0	0
Solano County	0	0	0
Sonoma County	1	0	0
Stanislaus County	0	0	0
Sutter County	0	0	0
Tehama County	0	0	0
Trinity County	0	0	0
Tulare County	0	0	0
Tuolumne County	1	0	0
Ventura County	1	0	0
Yolo County	1	0	0
Yuba County	0	0	0
Totals	17	9	0

Fetal Demise

Prior to rupture of membranes without labor (20 0/7 weeks to 36 6/7 weeks)	8
Prior to rupture of membranes without labor (37 0/7 weeks to 41 6/7 weeks)	2
Prior to rupture of membranes without labor (42 0/7 weeks and greater)	0
After rupture of membranes without labor (20 0/7 weeks to 36 6/7 weeks)	0
After rupture of membranes without labor (37 0/7 weeks to 41 6/7 weeks)	1
After rupture of membranes without labor (42 0/7 weeks and greater)	0
After Onset of Labor (20 0/7 weeks to 36 6/7 weeks)	1
After Onset of Labor (37 0/7 weeks to 41 6/7 weeks)	4
After Onset of Labor (42 0/7 weeks and greater)	1
Cases where fetal demise was diagnosed prior to labor by a physician and later delivered out-of-hospital by the midwife at the request of the client (not included in Total)	2
Total	17

Infant Death

Early Infant - birth through the end of the seventh (7th) day of extra-uterine life	6
Late Infant - eighth (8th) day of extra-uterine life through the end of day twenty-seven (27) of extra-uterine life	3
Total	9

Maternal Death

While pregnant	0
Within forty-two (42) days of ending a pregnancy	0
Total	0

Complications Leading to Fetal Demise, Infant, and/or Maternal Death

Fetal Complication	Out-of-Hospital	After Transfer	
Anomaly incompatible with life	1	1	
Infection	0	0	
Uterine rupture	0	1	
Cord accident	2	0	
Other Maternal complication	0	0	
Maternal death	0	0	
Other	1	1	
Information not obtainable	7	3	
Totals	11	6	
Infant Complication	Out-of-Hospital	After Transfer	In Hospital Distant to Immediate Postpartum Period
Anomaly incompatible with life	0	0	2
Infection	0	0	0
Meconium aspiration, other respiratory	0	0	0
Neurological issues/seizures	0	0	3
Uterine rupture	0	0	0
Other medical issue	0	1	0
Other	0	1	1
Information not obtainable	0	0	1
Totals	0	2	7
Maternal Complication	Out-of-Hospital	After Transfer	In Hospital Distant to Immediate Postpartum Period
Blood loss	0	0	0
Sepsis	0	0	0
Eclampsia/toxemia or HELLP syndrome	0	0	0
Embolism (pulmonary or amniotic fluid)	0	0	0
Uterine rupture	0	0	0
Other	0	0	0
Information not obtainable	0	0	0
Totals	0	0	0