



California Licensed Midwife Annual Report Summary

2021 Reporting Year

AS OF JULY 29, 2022

Submission Summary

Midwives Expected to Report	569
Number Reported	421
Number Unreported	148

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	297
--	-----

Client Services

Total number of clients served as primary caregiver during this calendar year	7976
Clients who left care for a non-medical reason	413
Clients whose pregnancies ended for any reason prior to 20 weeks gestation	214
Clients served whose births were still pending on the last day of the reporting year	1457
Total number of clients covered in this report	5892

Out-of-Hospital Birth Outcomes Per County

County Name	Number of live births	Number of live pre-term births (before 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, <u>term</u> , infants (under 2500 grams)
Alameda County	241	1	240	0	3
Alpine County	0	0	0	0	0
Amador County	4	0	4	0	0
Butte County	66	51	15	0	0
Calaveras County	12	0	11	0	0
Colusa County	1	0	1	0	0
Contra Costa County	83	0	83	0	0
Del Norte County	6	0	6	0	0
El Dorado County	53	3	50	0	0
Fresno County	29	0	29	0	0
Glenn County	2	0	2	0	0
Humboldt County	129	0	129	0	0
Imperial County	2	0	2	0	0
Inyo County	0	0	0	0	0
Kern County	72	0	72	0	0
Kings County	5	0	5	0	0
Lake County	7	1	6	0	0
Lassen County	21	0	21	0	0
Los Angeles County	938	8	929	1	2
Madera County	9	0	9	0	0
Marin County	45	2	43	0	0
Mariposa County	2	0	2	0	0
Mendocino County	63	1	62	0	0
Merced County	11	0	11	0	0
Modoc County	0	0	0	0	0
Mono County	0	0	0	0	0
Monterey County	57	0	57	0	1
Napa County	27	0	27	0	1
Nevada County	80	0	80	0	0
Orange County	260	0	258	1	1
Placer County	180	1	176	3	0

Plumas County	6	0	6	0	0
Riverside County	256	0	252	2	0
Sacramento County	179	0	179	0	1
San Benito County	2	0	2	0	0
San Bernardino County	253	0	251	2	1
San Diego County	512	2	504	6	2
San Francisco County	69	0	69	0	0
San Joaquin County	29	0	29	0	9
San Luis Obispo County	80	0	80	0	0
San Mateo County	36	0	36	0	0
Santa Barbara County	65	0	65	0	0
Santa Clara County	107	0	107	0	1
Santa Cruz County	53	0	53	0	0
Shasta County	50	0	50	0	0
Sierra County	2	0	2	0	0
Siskiyou County	24	0	24	0	0
Solano County	26	0	26	0	0
Sonoma County	100	0	100	0	0
Stanislaus County	38	0	38	0	0
Sutter County	4	0	4	0	0
Tehama County	4	0	4	0	0
Trinity County	5	0	5	0	0
Tulare County	12	0	12	0	0
Tuolumne County	35	0	35	0	0
Ventura County	169	15	152	2	1
Yolo County	24	0	24	0	0
Yuba County	11	0	11	0	0
Totals	4556	85	4450	17	23

Out-of-Hospital Birth Outcomes

Planned out-of-hospital births at the onset of labor*	5354
Completed births in an out-of-hospital setting*	4511
Non-VBAC completed singleton breech live born deliveries	64
Of the non-VBAC completed singleton breech live born deliveries, total number of precipitous deliveries	20
Sets of twins both delivered out of hospital	3
Of the sets of twins both delivered out of hospital, total number of precipitous deliveries	2
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*	283
Completed VBACs *	221
VBAC completed singleton vertex live born deliveries *	219
VBAC completed singleton breech live born deliveries*	2
VBAC infants' gestational age less than 37 weeks total	3
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	217
VBAC infants' gestational age 42 weeks or more total	1

VBAC Client History

VBAC clients who had 0 prior vaginal deliveries	147
VBAC clients who had 1 prior vaginal delivery	73
VBAC clients who had 2 prior vaginal deliveries	19
VBAC clients who had 3 prior vaginal deliveries	6
VBAC clients who had 4 prior vaginal deliveries	6
VBAC clients who had 5 or more prior vaginal deliveries	8
VBAC clients who had 1 prior caesarean delivery	237
VBAC clients who had 2 prior caesarean deliveries	20
VBAC clients who had 3 prior caesarean deliveries	2
VBAC clients who had 4 prior caesarean deliveries	0
VBAC clients who had 5 or more prior caesarean deliveries	0
VBAC clients who had 0 prior VBAC deliveries	149

VBAC clients who had 1 prior VBAC delivery	74
VBAC clients who had 2 prior VBAC deliveries	18
VBAC clients who had 3 prior VBAC deliveries	9
VBAC clients who had 4 prior VBAC deliveries	6
VBAC clients who had 5 or more prior VBAC deliveries	3

**Clients delivering multiples is counted as one VBAC*

Antepartum Transfer of Care, Elective/Non-Emergency

Medical or mental health conditions unrelated to pregnancy	9
Hypertension developed in pregnancy	64
Blood coagulation disorders, including phlebitis	5
Anemia	6
Persistent vomiting with dehydration	0
Nutritional and weight loss issues, failure to gain weight	0
Gestational diabetes	20
Vaginal bleeding	1
Suspected or known placental anomalies or implantation abnormalities	13
Loss of pregnancy (includes spontaneous and elective abortion)	3
HIV test positive	0
Suspected intrauterine growth restriction, suspected macrosomia	22
Fetal anomalies	7
Abnormal amniotic fluid volumes; oligohydramnios or polyhydramnios	19
Fetal heart irregularities	9
Non vertex lie at term	47
Greater than 42 weeks and less than 37 weeks gestation	56
Multiple gestation	8
Clinical judgment of the midwife (where a single other condition above does not apply)	43
Client request	36
Other	30
Total	398

Antepartum Transfer of Care, Urgent/Emergency

Non pregnancy-related medical condition	2
Severe or persistent headache, pregnancy-induced hypertension (PIH), or preeclampsia	54
Isoimmunization, severe anemia, or other blood related issues	0
Significant infection	0
Significant vaginal bleeding	10
Preterm labor or preterm rupture of membranes	23
Marked decrease in fetal movement, abnormal fetal heart tones, non-reassuring non-stress test (NST)	23
Less than 37 0/7 weeks gestation with rupture of membranes	2
Clinical judgment of the midwife (where a single other condition above does not apply)	6
Fetal demise	3
Other	14
Total	137

Intrapartum Transfer of Care, Elective/Non-Emergency

Persistent hypertension; severe or persistent headache	18
Active herpes lesion	2
Abnormal bleeding	2
Signs of infection	13
Prolonged rupture of membranes	78
Lack of progress; maternal exhaustion; dehydration	312
Thick meconium in the absence of fetal distress	30
Non-vertex presentation	17
Unstable lie or mal-position of the vertex	9
Less than 37 weeks gestation in labor	18
Greater than 42 weeks gestation in labor	10
Multiple gestation	0
Clinical judgment of the midwife (where a single other condition above does not apply)	29
Client request; request for medical methods of pain relief	154
Other	12
Total	704

Intrapartum Transfer of Care, Urgent/Emergency

Suspected preeclampsia, eclampsia, seizures	16
Significant vaginal bleeding; suspected placental abruption; severe abdominal pain inconsistent with normal labor	8
Suspected uterine rupture	3
Maternal shock, loss of consciousness	1
Prolapsed umbilical cord	1
Non-reassuring fetal heart tones and/or signs or symptoms of fetal distress	67
Less than 37 weeks gestation in labor	21
Greater than 42 weeks gestation in labor	0
Clinical judgment of the midwife (where a single other condition above does not apply)	14
Other	11
Multiple gestation	0
Total	142

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

Adherent or retained placenta without significant bleeding	1
Repair of laceration beyond level of midwife's expertise	11
Postpartum depression	0
Social, emotional or physical conditions outside of scope of practice	0
Excessive or prolonged bleeding in later postpartum period	0
Signs of infection	1
Clinical judgment of the midwife (where a single other condition above does not apply)	1
Client request	1
Other	1
Total	16

Postpartum Transfer of Care – Client, Urgent/Emergency

Abnormal or unstable vital signs	5
Uterine inversion, rupture or prolapse	0
Uncontrolled hemorrhage	13
Seizures or unconsciousness, shock	1
Adherent or retained placenta with significant bleeding	13
Suspected postpartum psychosis	0
Signs of significant infection	0
Clinical judgment of the midwife (where a single other condition above does not apply)	10
Other	3
Total	45

Transfer of Care – Infant, Elective/Non-Emergency

Low birth weight	0
Congenital anomalies	0
Birth injury	0
Poor transition to extrauterine life	6
Insufficient passage of urine or meconium	0
Parental request	2
Clinical judgment of the midwife (where a single other condition above does not apply)	5
Other	6
Total	19

Transfer of Care – Infant, Urgent/Emergency

Abnormal vital signs or color, poor tone, lethargy, no interest in nursing	17
Signs or symptoms of infection	0
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	1
Birth injury	1
Significant dehydration or depression of fontanelles	0
Significant cardiac or respiratory issues	12
Ten (10) minute APGAR score of six (6) or less	2
Abnormal bulging of fontanelles	0
Clinical judgment of the midwife (where a single other condition above does not apply)	7
Other	1
Total	42

Birth Outcomes After Transfer of Care

Client Outcome	Vaginal Birth	Caesarean Delivery	VBAC	Delivery Method Unknown
Without complication	784	399	34	6
With serious pregnancy/birth related medical complications resolved by six (6) weeks	50	43	1	1
With serious pregnancy/birth related medical complications not resolved by six (6) weeks	6	8	1	0
Death of client	0	0	0	0
Other	13	21	2	3
Information not obtainable	0	0	0	70
Totals	853	471	38	80
Infant Outcome	Vaginal Birth	Caesarean Delivery	VBAC	
Healthy live born infant	45	1	0	
With serious pregnancy/birth related medical complications resolved by four (4) weeks	8	1	0	
With serious pregnancy/birth related medical complications not resolved by four (4) weeks	2	0	1	
Live born infant who subsequently died	1	0	0	
Other	1	1	0	
Information not obtainable	0	0	0	
Totals	57	3	1	

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

County Name	Fetal Demise	Infant Death	Maternal Death
Alameda County	2	1	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	1	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	0	0	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	0	0
Napa County	0	0	0
Nevada County	0	0	0
Orange County	2	0	0
Placer County	0	0	0
Plumas County	0	0	0
Riverside County	0	1	0

Sacramento County	0	0	0
San Benito County	0	0	0
San Bernardino County	3	0	0
San Diego County	2	1	0
San Francisco County	1	0	0
San Joaquin County	0	0	0
San Luis Obispo County	0	0	0
San Mateo County	0	0	0
Santa Barbara County	0	0	0
Santa Clara County	0	0	0
Santa Cruz County	0	0	0
Shasta County	0	0	0
Sierra County	0	0	0
Siskiyou County	0	0	0
Solano County	0	0	0
Sonoma County	0	0	0
Stanislaus County	0	0	0
Sutter County	0	0	0
Tehama County	0	0	0
Trinity County	0	1	0
Tulare County	0	0	0
Tuolumne County	0	0	0
Ventura County	1	0	0
Yolo County	0	0	0
Yuba County	0	0	0
Totals	13	4	0

Fetal Demise

Prior to rupture of membranes without labor (20 0/7 weeks to 36 6/7 weeks)	6
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)	0
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)	2
After Onset of Labor (37 0/7 weeks to 41 6/7 weeks)	3
After Onset of Labor (42 0/7 weeks and greater)	0
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)	3
Total	13

Infant Death

Early Infant - birth through the end of the seventh (7th) day of extra-uterine life	3
Late Infant - eighth (8th) day of extra-uterine life through the end of day twenty-seven (27) of extra-uterine life	1
Total	4

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	2	
Infection	0	0	
Uterine rupture	0	2	
Cord accident	0	0	
Other Maternal complication	0	0	
Maternal death	0	0	
Other	2	0	
Information not obtainable	5	1	
Totals	8	5	
Infant Complication	Out-of-Hospital	After Transfer	In Hospital Distant to Immediate Postpartum Period
Anomaly incompatible with life	0	0	1
Infection	0	0	0
Meconium aspiration, other respiratory	0	0	0
Neurological issues/seizures	0	0	1
Uterine rupture	0	0	0
Other medical issue	0	1	1
Other	0	0	0
Information not obtainable	0	0	0
Totals	0	1	3
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