



# California Licensed Midwife Annual Report Summary



2020 Reporting Year

**AS OF JULY 30, 2021**

## Submission Summary

Midwives Expected to Report	<b>545</b>
Number Reported	<b>387</b>
Number Unreported	<b>158</b>

## Services Provided in California

Number of midwives or student midwives supervised by a midwife who performed midwifery services in <b>State of California</b> during the reporting year when the intended place of birth at the onset of care was an out-of-hospital setting	<b>273</b>
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## Client Services

Total number of clients served as primary caregiver during this calendar year	<b>7353</b>
Clients who left care for a non-medical reason	<b>366</b>
Clients whose pregnancies ended for any reason prior to 20 weeks gestation	<b>180</b>
Clients served whose births were still pending on the last day of the reporting year	<b>1542</b>
<b>Total number of clients covered in this report</b>	<b>5265</b>

## 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	188	6	182	0	4
Alpine County	2	0	1	0	0
Amador County	3	0	3	0	0
Butte County	43	0	43	0	0
Calaveras County	8	0	8	0	0
Colusa County	0	0	0	0	0
Contra Costa County	80	3	77	0	0
Del Norte County	1	0	1	0	0
El Dorado County	40	1	38	1	0
Fresno County	20	0	20	0	0
Glenn County	4	0	4	0	0
Humboldt County	74	0	74	0	0
Imperial County	2	0	2	0	0
Inyo County	1	0	1	0	0
Kern County	59	0	59	0	0
Kings County	5	0	5	0	0
Lake County	3	0	3	0	0
Lassen County	11	0	11	0	0
Los Angeles County	968	2	964	2	1
Madera County	3	0	3	0	0
Marin County	42	0	41	0	0
Mariposa County	0	0	0	0	0
Mendocino County	51	0	50	1	1
Merced County	3	0	3	0	0
Modoc County	1	0	1	0	0
Mono County	1	0	1	0	0
Monterey County	41	0	41	0	0
Napa County	23	1	21	1	0
Nevada County	61	0	61	0	0
Orange County	221	1	220	0	2
Placer County	99	1	98	0	0
Plumas County	10	0	10	0	0
Riverside County	224	0	223	1	1

Sacramento County	181	1	180	0	0
San Benito County	0	0	0	0	0
San Bernardino County	306	0	305	1	1
San Diego County	419	0	418	1	3
San Francisco County	83	0	82	0	0
San Joaquin County	9	0	9	0	0
San Luis Obispo County	75	0	75	0	0
San Mateo County	57	0	57	0	0
Santa Barbara County	64	0	64	0	0
Santa Clara County	89	0	89	0	0
Santa Cruz County	81	2	78	1	0
Shasta County	75	0	75	0	0
Sierra County	3	0	3	0	0
Siskiyou County	22	0	22	0	0
Solano County	18	0	18	0	0
Sonoma County	71	0	67	4	0
Stanislaus County	16	0	16	0	0
Sutter County	4	0	4	0	0
Tehama County	10	0	10	0	0
Trinity County	1	0	1	0	0
Tulare County	8	0	8	0	0
Tuolumne County	52	0	51	1	0
Ventura County	142	0	141	1	0
Yolo County	18	1	17	0	0
Yuba County	9	0	9	0	0
<b>Totals</b>	<b>4105</b>	<b>19</b>	<b>4068</b>	<b>15</b>	<b>13</b>

## Out-of-Hospital Birth Outcomes

Planned out-of-hospital births at the onset of labor *	4776
Completed births in an out-of-hospital setting *	4050
Non-VBAC completed singleton breech live born deliveries	179
→ Of the non-VBAC completed singleton breech live born deliveries, total number of precipitous deliveries	17
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 *	273
Completed VBACs *	216
VBAC completed singleton vertex live born deliveries *	216
VBAC completed singleton breech live born deliveries *	0
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 *	1
VBAC infants' gestational age between 37.1 and 41.6 weeks total	213
VBAC infants' gestational age 42 weeks or more total	1

### VBAC Client History

VBAC clients who had 0 prior vaginal deliveries	142
VBAC clients who had 1 prior vaginal delivery	49
VBAC clients who had 2 prior vaginal deliveries	27
VBAC clients who had 3 prior vaginal deliveries	6
VBAC clients who had 4 prior vaginal deliveries	8
VBAC clients who had 5 or more prior vaginal deliveries	8
VBAC clients who had 1 prior caesarean delivery	213
VBAC clients who had 2 prior caesarean deliveries	24
VBAC clients who had 3 prior caesarean deliveries	3
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	153
VBAC clients who had 1 prior VBAC delivery	50
VBAC clients who had 2 prior VBAC deliveries	27

VBAC clients who had 3 prior VBAC deliveries	3
VBAC clients who had 4 prior VBAC deliveries	5
VBAC clients who had 5 or more prior VBAC deliveries	3

\* Clients delivering multiples is counted as one VBAC

<b>Antepartum Transfer of Care, Elective/Non-Emergency</b>	
Medical or mental health conditions unrelated to pregnancy	18
Hypertension developed in pregnancy	47
Blood coagulation disorders, including phlebitis	1
Anemia	4
Persistent vomiting with dehydration	0
Nutritional and weight loss issues, failure to gain weight	0
Gestational diabetes	17
Vaginal bleeding	0
Suspected or known placental anomalies or implantation abnormalities	16
Loss of pregnancy (includes spontaneous and elective abortion)	3
HIV test positive	0
Suspected intrauterine growth restriction, suspected macrosomia	12
Fetal anomalies	10
Abnormal amniotic fluid volumes; oligohydramnios or polyhydramnios	26
Fetal heart irregularities	9
Non vertex lie at term	39
Greater than 42 weeks and less than 37 weeks gestation	43
Multiple gestation	7
Clinical judgment of the midwife (where a single other condition above does not apply)	29
Client request	82
Other	20
<b>Total</b>	<b>383</b>

## Antepartum Transfer of Care, Urgent/Emergency

Non pregnancy-related medical condition	0
Severe or persistent headache, pregnancy-induced hypertension (PIH), or preeclampsia	34
Isoimmunization, severe anemia, or other blood related issues	2
Significant infection	0
Significant vaginal bleeding	6
Preterm labor or preterm rupture of membranes	21
Marked decrease in fetal movement, abnormal fetal heart tones, non-reassuring non-stress test (NST)	9
Less than 37 0/7 weeks gestation with rupture of membranes	4
Clinical judgment of the midwife (where a single other condition above does not apply)	10
Fetal demise	5
Other	5
<b>Total</b>	<b>96</b>

## Intrapartum Transfer of Care, Elective/Non-Emergency

Persistent hypertension; severe or persistent headache	14
Active herpes lesion	1
Abnormal bleeding	0
Signs of infection	6
Prolonged rupture of membranes	66
Lack of progress; maternal exhaustion; dehydration	307
Thick meconium in the absence of fetal distress	19
Non-vertex presentation	13
Unstable lie or mal-position of the vertex	8
Less than 37 weeks gestation in labor	14
Greater than 42 weeks gestation in labor	8
Multiple gestation	2
Clinical judgment of the midwife (where a single other condition above does not apply)	35
Client request; request for medical methods of pain relief	97
Other	8
<b>Total</b>	<b>598</b>

## Intrapartum Transfer of Care, Urgent/Emergency

Suspected preeclampsia, eclampsia, seizures	<b>6</b>
Significant vaginal bleeding; suspected placental abruption; severe abdominal pain inconsistent with normal labor	<b>11</b>
Suspected uterine rupture	<b>0</b>
Maternal shock, loss of consciousness	<b>0</b>
Prolapsed umbilical cord	<b>1</b>
Non-reassuring fetal heart tones and/or signs or symptoms of fetal distress	<b>66</b>
Less than 37 weeks gestation in labor	<b>24</b>
Greater than 42 weeks gestation in labor	<b>0</b>
Clinical judgment of the midwife (where a single other condition above does not apply)	<b>16</b>
Other	<b>11</b>
Multiple gestation	<b>0</b>
<b>Total</b>	<b>135</b>

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

Adherent or retained placenta without significant bleeding	<b>2</b>
Repair of laceration beyond level of midwife's expertise	<b>6</b>
Postpartum depression	<b>0</b>
Social, emotional or physical conditions outside of scope of practice	<b>1</b>
Excessive or prolonged bleeding in later postpartum period	<b>1</b>
Signs of infection	<b>1</b>
Clinical judgment of the midwife (where a single other condition above does not apply)	<b>3</b>
Client request	<b>1</b>
Other	<b>4</b>
<b>Total</b>	<b>19</b>

## Postpartum Transfer of Care – Client, Urgent/Emergency

Abnormal or unstable vital signs	5
Uterine inversion, rupture or prolapse	0
Uncontrolled hemorrhage	12
Seizures or unconsciousness, shock	1
Adherent or retained placenta with significant bleeding	16
Suspected postpartum psychosis	0
Signs of significant infection	1
Clinical judgment of the midwife (where a single other condition above does not apply)	2
Other	2
<b>Total</b>	<b>39</b>

## Transfer of Care – Infant, Elective/Non-Emergency

Low birth weight	0
Congenital anomalies	1
Birth injury	0
Poor transition to extrauterine life	7
Insufficient passage of urine or meconium	0
Parental request	0
Clinical judgment of the midwife (where a single other condition above does not apply)	1
Other	6
<b>Total</b>	<b>15</b>

## Transfer of Care – Infant, Urgent/Emergency

Abnormal vital signs or color, poor tone, lethargy, no interest in nursing	15
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	0
Congenital anomalies	2
Birth injury	1
Significant dehydration or depression of fontanelles	0
Significant cardiac or respiratory issues	10
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)	2
Other	6
<b>Total</b>	<b>37</b>

## Birth Outcomes After Transfer of Care

Client Outcome	Vaginal Birth	Caesarean Delivery	VBAC	Delivery Method Unknown
Without complication	653	386	30	10
With serious pregnancy/birth related medical complications resolved by six (6) weeks	45	31	2	0
With serious pregnancy/birth related medical complications not resolved by six (6) weeks	4	8	0	0
Death of client	0	0	0	0
Other	8	9	0	0
Information not obtainable	0	0	0	86
<b>Totals</b>	<b>710</b>	<b>434</b>	<b>32</b>	<b>96</b>
Infant Outcome	Vaginal Birth	Caesarean Delivery	VBAC	
Healthy live born infant	26	5	3	
With serious pregnancy/birth related medical complications resolved by four (4) weeks	6	0	3	
With serious pregnancy/birth related medical complications not resolved by four (4) weeks	1	0	0	
Live born infant who subsequently died	4	1	0	
Other	3	0	0	
Information not obtainable	0	0	0	
<b>Totals</b>	<b>40</b>	<b>6</b>	<b>6</b>	

## 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	1	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	6	1	0
Madera County	0	0	0
Marin County	0	0	0
Mariposa County	0	0	0
Mendocino County	1	0	0
Merced County	0	0	0
Modoc County	0	0	0
Mono County	0	0	0
Monterey County	0	0	0
Napa County	0	0	0
Nevada County	0	0	0
Orange County	1	2	0
Placer County	0	0	0
Plumas County	0	0	0
Riverside County	1	0	0
Sacramento County	0	1	0
San Benito County	0	0	0

San Bernardino County	2	0	0
San Diego County	0	1	0
San Francisco County	0	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	1	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	0	0
Tulare County	0	0	0
Tuolumne County	0	0	0
Ventura County	2	1	0
Yolo County	0	0	0
Yuba County	0	0	0
<b>Totals</b>	<b>16</b>	<b>7</b>	<b>0</b>

<b>Fetal Demise</b>	
Prior to rupture of membranes without labor (20 0/7 weeks to 36 6/7 weeks)	<b>5</b>
Prior to rupture of membranes without labor (37 0/7 weeks to 41 6/7 weeks)	<b>1</b>
Prior to rupture of membranes without labor (42 0/7 weeks and greater)	<b>0</b>
After rupture of membranes without labor (20 0/7 weeks to 36 6/7 weeks)	<b>0</b>
After rupture of membranes without labor (37 0/7 weeks to 41 6/7 weeks)	<b>2</b>
After rupture of membranes without labor (42 0/7 weeks and greater)	<b>0</b>
After Onset of Labor (20 0/7 weeks to 36 6/7 weeks)	<b>2</b>
After Onset of Labor (37 0/7 weeks to 41 6/7 weeks)	<b>5</b>
After Onset of Labor (42 0/7 weeks and greater)	<b>1</b>
→ 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 ( <b>not included in Total</b> )	<b>1</b>
<b>Total</b>	<b>16</b>

<b>Infant Death</b>	
Early Infant – birth through the end of the seventh (7th) day of extra-uterine life	<b>6</b>
Late Infant – eighth (8th) day of extra-uterine life through the end of day twenty-seven (27) of extra-uterine life	<b>1</b>
<b>Total</b>	<b>7</b>

<b>Maternal Death</b>	
While pregnant	<b>0</b>
Within forty-two (42) days of ending a pregnancy	<b>0</b>
<b>Total</b>	<b>0</b>

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

Fetal Complication	Out-of-Hospital	After Transfer		
Anomaly incompatible with life	2	0		
Infection	0	1		
Uterine rupture	0	0		
Cord accident	3	0		
Other Maternal complication	0	0		
Maternal death	0	0		
Other	3	3		
Information not obtainable	4	0		
<b>Totals</b>	<b>12</b>	<b>4</b>		
Infant Complication	Out-of-Hospital	After Transfer	In Hospital Distant to Immediate Postpartum Period	
Anomaly incompatible with life	0	2	1	
Infection	0	0	0	
Meconium aspiration, other respiratory	0	0	0	
Neurological issues/seizures	0	0	0	
Uterine rupture	0	0	0	
Other medical issue	0	0	0	
Other	1	0	0	
Information not obtainable	0	2	1	
<b>Totals</b>	<b>1</b>	<b>4</b>	<b>2</b>	
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	
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	