



California Licensed Midwife Annual Report Summary

OSHDPD

2018 Reporting Year

AS OF AUGUST 21, 2019

Submission Summary

Midwives Expected to Report	483
Number Reported	391
Number Unreported	92

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	266
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Client Services

Total number of clients served as primary caregiver during this calendar year	6226
Clients who left care for a non-medical reason	246
Clients whose pregnancies ended for any reason prior to 20 weeks gestation	155
Clients served whose births were still pending on the last day of the reporting year	1347
Total number of clients covered in this report	4478

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	226	0	226	0	2
Alpine County	0	0	0	0	0
Amador County	2	0	2	0	0
Butte County	24	0	24	0	0
Calaveras County	9	0	9	0	0
Colusa County	0	0	0	0	0
Contra Costa County	52	1	51	0	0
Del Norte County	5	0	5	0	0
El Dorado County	44	2	42	0	2
Fresno County	43	0	43	0	0
Glenn County	1	0	1	0	0
Humboldt County	62	0	61	1	0
Imperial County	0	0	0	0	0
Inyo County	0	0	0	0	0
Kern County	44	0	44	0	0
Kings County	3	0	3	0	0
Lake County	7	0	7	0	0
Lassen County	11	0	11	0	0
Los Angeles County	711	1	710	0	2
Madera County	5	0	5	0	0
Marin County	40	0	40	0	0
Mariposa County	1	0	1	0	0
Mendocino County	39	0	39	0	0
Merced County	2	0	2	0	0
Modoc County	0	0	0	0	0
Mono County	2	0	2	0	0
Monterey County	46	0	46	0	0
Napa County	15	0	15	0	0
Nevada County	69	0	66	3	0
Orange County	145	0	145	0	2
Placer County	45	0	45	0	0
Plumas County	5	0	5	0	0
Riverside County	211	0	211	0	0

Sacramento County	117	0	117	0	0
San Benito County	36	0	36	0	0
San Bernardino County	160	0	160	0	1
San Diego County	417	1	415	1	1
San Francisco County	99	0	99	0	0
San Joaquin County	17	0	17	0	0
San Luis Obispo County	50	1	49	0	0
San Mateo County	34	0	34	0	0
Santa Barbara County	76	0	76	0	0
Santa Clara County	75	2	73	0	0
Santa Cruz County	63	0	63	0	1
Shasta County	80	0	80	0	0
Sierra County	0	0	0	0	0
Siskiyou County	22	0	22	0	0
Solano County	14	0	14	0	0
Sonoma County	74	1	73	0	0
Stanislaus County	35	0	35	0	1
Sutter County	1	0	1	0	0
Tehama County	7	0	7	0	0
Trinity County	1	0	1	0	0
Tulare County	5	0	5	0	0
Tuolumne County	40	0	40	0	0
Ventura County	115	0	115	0	0
Yolo County	12	0	12	0	0
Yuba County	17	0	17	0	0
Unknown	102	4	96	2	1
Totals	3538	13	3518	7	13

Out-of-Hospital Birth Outcomes

Planned out-of-hospital births at the onset of labor *	4148
Completed births in an out-of-hospital setting *	3535
Non-VBAC completed singleton breech live born deliveries	116
→ Of the non-VBAC completed singleton breech live born deliveries, total number of precipitous deliveries	16
Sets of twins both delivered out of hospital	3
Sets of higher order multiples all delivered out of hospital	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 *	187
Completed VBACs *	151
VBAC completed singleton vertex live born deliveries *	150
VBAC completed singleton breech live born deliveries *	1
VBAC infants' gestational age less than 37 weeks total	1
→ 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	148
VBAC infants' gestational age 42 weeks or more total	2

VBAC Client History

VBAC clients who had 0 prior vaginal deliveries	89
VBAC clients who had 1 prior vaginal delivery	40
VBAC clients who had 2 prior vaginal deliveries	27
VBAC clients who had 3 prior vaginal deliveries	5
VBAC clients who had 4 prior vaginal deliveries	5
VBAC clients who had 5 or more prior vaginal deliveries	2
VBAC clients who had 1 prior caesarean delivery	151
VBAC clients who had 2 prior caesarean deliveries	14
VBAC clients who had 3 prior caesarean deliveries	2
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	80
VBAC clients who had 1 prior VBAC delivery	47
VBAC clients who had 2 prior VBAC deliveries	29
VBAC clients who had 3 prior VBAC deliveries	8
VBAC clients who had 4 prior VBAC deliveries	2
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	2
Hypertension developed in pregnancy	32
Blood coagulation disorders, including phlebitis	4
Anemia	2
Persistent vomiting with dehydration	0
Nutritional and weight loss issues, failure to gain weight	0
Gestational diabetes	8
Vaginal bleeding	2
Suspected or known placental anomalies or implantation abnormalities	7
Loss of pregnancy (includes spontaneous and elective abortion)	2
HIV test positive	0
Suspected intrauterine growth restriction, suspected macrosomia	19
Fetal anomalies	12
Abnormal amniotic fluid volumes; oligohydramnios or polyhydramnios	16
Fetal heart irregularities	5
Non vertex lie at term	36
Greater than 42 weeks and less than 37 weeks gestation	43
Multiple gestation	9
Clinical judgment of the midwife (where a single other condition above does not apply)	23
Client request	29
Other	9
Total	260

Antepartum Transfer of Care, Urgent/Emergency	
Non pregnancy-related medical condition	0
Severe or persistent headache, pregnancy-induced hypertension (PIH), or preeclampsia	17
Isoimmunization, severe anemia, or other blood related issues	0
Significant infection	0
Significant vaginal bleeding	5
Preterm labor or preterm rupture of membranes	10
Marked decrease in fetal movement, abnormal fetal heart tones, non-reassuring non-stress test (NST)	14
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)	9
Fetal demise	3
Other	11
Total	73

Intrapartum Transfer of Care, Elective/Non-Emergency	
Persistent hypertension; severe or persistent headache	11
Active herpes lesion	0
Abnormal bleeding	2
Signs of infection	7
Prolonged rupture of membranes	49
Lack of progress; maternal exhaustion; dehydration	257
Thick meconium in the absence of fetal distress	13
Non-vertex presentation	12
Unstable lie or mal-position of the vertex	8
Less than 37 weeks gestation in labor	16
Greater than 42 weeks gestation in labor	12
Multiple gestation	1
Clinical judgment of the midwife (where a single other condition above does not apply)	24
Client request; request for medical methods of pain relief	85
Other	15
Total	512

Intrapartum Transfer of Care, Urgent/Emergency	
Suspected preeclampsia, eclampsia, seizures	11
Significant vaginal bleeding; suspected placental abruption; severe abdominal pain inconsistent with normal labor	6
Suspected uterine rupture	0
Maternal shock, loss of consciousness	0
Prolapsed umbilical cord	2
Non-reassuring fetal heart tones and/or signs or symptoms of fetal distress	47
Less than 37 weeks gestation in labor	8
Greater than 42 weeks gestation in labor	1
Clinical judgment of the midwife (where a single other condition above does not apply)	20
Other	12
Multiple gestation	0
Total	107

Postpartum Transfer of Care – Client, Elective/Non-Emergency	
Adherent or retained placenta without significant bleeding	4
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	2
Signs of infection	0
Clinical judgment of the midwife (where a single other condition above does not apply)	2
Client request	2
Other	0
Total	21

Postpartum Transfer of Care – Client, Urgent/Emergency	
Abnormal or unstable vital signs	2
Uterine inversion, rupture or prolapse	0
Uncontrolled hemorrhage	6
Seizures or unconsciousness, shock	0
Adherent or retained placenta with significant bleeding	14
Suspected postpartum psychosis	0
Signs of significant infection	4
Clinical judgment of the midwife (where a single other condition above does not apply)	5
Other	1
Total	32

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	1
Clinical judgment of the midwife (where a single other condition above does not apply)	5
Other	1
Total	13

Transfer of Care – Infant, Urgent/Emergency	
Abnormal vital signs or color, poor tone, lethargy, no interest in nursing	15
Signs or symptoms of infection	4
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	0
Significant dehydration or depression of fontanelles	0
Significant cardiac or respiratory issues	24
Ten (10) minute APGAR score of six (6) or less	0
Abnormal bulging of fontanelles	0
Clinical judgment of the midwife (where a single other condition above does not apply)	2
Other	0
Total	49

Birth Outcomes After Transfer of Care

Client Outcome	Vaginal Birth	Caesarean Delivery	VBAC	Delivery Method Unknown
Without complication	588	287	14	6
With serious pregnancy/birth related medical complications resolved by six (6) weeks	29	35	1	2
With serious pregnancy/birth related medical complications not resolved by six (6) weeks	5	4	0	0
Death of client	0	0	0	0
Information not obtainable	6	10	1	2
Other	8	5	0	2
Totals	636	341	16	12
Infant Outcome	Vaginal Birth	Caesarean Delivery	VBAC	
Healthy live born infant	34	0	0	
With serious pregnancy/birth related medical complications resolved by four (4) weeks	14	0	0	
With serious pregnancy/birth related medical complications not resolved by four (4) weeks	5	0	1	
Fetal demise diagnosed prior to labor	0	0	0	
Fetal demise diagnosed during labor or at delivery	1	0	0	
Live born infant who subsequently died	4	0	0	
Information not obtainable	0	0	0	
Other	3	0	0	
Totals	61	0	1	

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

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

San Bernardino County	1	0	0
San Diego County	1	0	0
San Francisco County	1	1	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	1	0
Shasta County	1	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	1	0	0
Yolo County	0	0	0
Yuba County	0	0	0
Totals	12	5	0

Fetal Demise

Prior to onset of labor or after rupture of membranes without labor	1
Prior to onset of labor or rupture of membranes without labor	8
After the onset of labor, from 20 0/7 weeks gestation up to and including 36 6/7 weeks gestation	2
After the onset of labor, between 37 0/7 weeks gestation up to and including 41 6/7 weeks gestation	0
After the onset of labor, after 42 0/7 weeks gestation	0
During labor after 37 0/7 weeks gestation	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	12

Infant Death

Early Infant – birth through the end of the seventh day of extra-uterine life	5
Late infant – eighth day of extra-uterine life through the end of day twenty-seven of extra-uterine life	0
→ Cases where infant death 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)	0
Total	5

Maternal Death

Maternal Deaths While Pregnant	0
Maternal Deaths Within Forty-Two 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	2	3	
Infection	0	0	
Uterine rupture	0	0	
Cord accident	2	0	
Information not obtainable	1	2	
Other	1	1	
Other Maternal complication	0	0	
Maternal death	0	0	
Totals	6	6	
Infant Complication	Out-of-Hospital	After Transfer	In Hospital Distant to Immediate Postpartum Period
Anomaly incompatible with life	1	0	1
Infection	0	0	0
Meconium aspiration, other respiratory	0	1	0
Neurological issues/seizures	0	0	1
Uterine rupture	0	0	0
Other medical issue	0	0	0
Information not obtainable	0	0	0
Other	0	0	1
Totals	1	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
Information not obtainable	0	0	0
Other	0	0	0
Totals	0	0	0