

CALIFORNIA DIABETES AND PREGNANCY PROGRAM - CALENDAR YEAR 2008

DATA REPORT for deliveries between January 1, 2008 and by December 31, 2008

Maternal Characteristics by Maternal Type of Diabetes and Intervention at Last Sweet Success Visit (number and percent)¹

Generated 03/17/2011 14:28:02			Type 1						Type 2									
State of California	Grand Total		Total		Insulin Conventional		Insulin Pump		Total		Insulin Only		Insulin & Oral		Oral Meds		Diet	
	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%
Sweet Success Clients	15441	100.0%	240	100.0%	240	100.0%			1158	100.0%	924	79.8%	53	4.6%	90	7.8%	91	7.9%
Live Births	12912	83.6%	191	79.6%	191	79.6%			957	82.6%	779	84.3%	36	67.9%	73	81.1%	69	75.8%
Fetal Deaths	28	0.2%																
Spont. Abortions	144	0.9%							13	1.1%	6	0.6%						
Other ²	59	0.4%							8	0.7%	7	0.8%						
Unknown Outcomes	2298	14.9%	46	19.2%	46	19.2%			178	15.4%	131	14.2%	15	28.3%	14	15.6%	18	19.8%
Maternal Characteristics³																		
Race/Ethnicity																		
White	2547	16.7%	84	35.1%	84	35.1%			132	11.5%	103	11.2%	8	15.7%	11	12.6%	10	11.2%
Hispanic	8414	55.0%	90	37.7%	90	37.7%			763	66.6%	620	67.5%	29	56.9%	52	59.8%	62	69.7%
Black	397	2.6%	17	7.1%	17	7.1%			70	6.1%	52	5.7%			10	11.5%	6	6.7%
Asian/Pacific Islander	2160	14.1%	13	5.4%	13	5.4%			90	7.9%	73	8.0%	6	11.8%	7	8.0%		
Native American	45	0.3%							11	1.0%	9	1.0%						
Multiple Race																		
Other/Unknown	1734	11.3%	35	14.6%	35	14.6%			79	6.9%	61	6.6%	5	9.8%	6	6.9%	7	7.9%
Education																		
0 - 3rd grade	71	0.5%							7	0.6%	5	0.5%						
4th - 8th	1488	9.7%							135	11.8%	104	11.3%	5	9.8%	12	13.8%	14	15.7%
9th - 12th	5311	34.7%	98	41.0%	98	41.0%			478	41.7%	394	42.9%	16	31.4%	34	39.1%	34	38.2%
any post H.S.	5482	35.8%	98	41.0%	98	41.0%			318	27.8%	246	26.8%	19	37.3%	28	32.2%	25	28.1%
Unknown	2945	19.3%	39	16.3%	39	16.3%			207	18.1%	169	18.4%	11	21.6%	11	12.6%	16	18.0%
Payment Source																		
Private Ins.																		
HMO	3051	19.9%	51	21.3%	51	21.3%			187	16.3%	148	16.1%	15	29.4%	12	13.8%	12	13.5%
PPO	2997	19.6%	59	24.7%	59	24.7%			139	12.1%	102	11.1%	9	17.6%	17	19.5%	11	12.4%
MediCal	7919	51.8%	106	44.4%	106	44.4%			747	65.2%	606	66.0%	26	51.0%	52	59.8%	63	70.8%
Self Pay	168	1.1%							20	1.7%	17	1.9%						
Multiple	100	0.7%							11	1.0%	11	1.2%						
None/Other	1062	6.9%	19	7.9%	19	7.9%			41	3.6%	34	3.7%						

1. Cell values less than 5 are suppressed.
2. "Other" includes induced terminations.
3. Tables by specific maternal characteristics (e.g. race/ethnicity, education, payment source) exclude mothers with spontaneous abortions.

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	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%

Maternal Characteristics³

Maternal Age																			
< 18 years	71	0.5%	7	2.9%	7	2.9%			7	0.6%	5	0.5%							
18 - 24 years	1850	12.1%	79	33.1%	79	33.1%			125	10.9%	100	10.9%			10	11.5%	11	12.4%	
25 - 34 years	7689	50.3%	100	41.8%	100	41.8%			574	50.1%	471	51.3%	22	43.1%	43	49.4%	38	42.7%	
35 - 39 years	3344	21.9%	27	11.3%	27	11.3%			278	24.3%	226	24.6%	12	23.5%	15	17.2%	25	28.1%	
40 - 45 years	1113	7.3%	7	2.9%	7	2.9%			99	8.6%	74	8.1%	8	15.7%	9	10.3%	8	9.0%	
> 45 years	39	0.3%																	
Unknown	1191	7.8%	19	7.9%	19	7.9%			60	5.2%	41	4.5%	5	9.8%	10	11.5%			
Gravida																			
1	3267	21.4%	92	38.5%	92	38.5%			177	15.5%	134	14.6%	11	21.6%	15	17.2%	17	19.1%	
2 to 4	9032	59.0%	119	49.8%	119	49.8%			661	57.7%	523	57.0%	30	58.8%	53	60.9%	55	61.8%	
> 4	2427	15.9%	24	10.0%	24	10.0%			285	24.9%	241	26.3%	10	19.6%	18	20.7%	16	18.0%	
Unknown	571	3.7%							22	1.9%	20	2.2%							
Para																			
1	4268	27.9%	108	45.2%	108	45.2%			275	24.0%	224	24.4%	10	19.6%	20	23.0%	21	23.6%	
2 to 4	8205	53.6%	96	40.2%	96	40.2%			636	55.5%	511	55.7%	33	64.7%	46	52.9%	46	51.7%	
> 4	956	6.2%	6	2.5%	6	2.5%			108	9.4%	89	9.7%			5	5.7%	11	12.4%	
Unknown	1868	12.2%	29	12.1%	29	12.1%			126	11.0%	94	10.2%	5	9.8%	16	18.4%	11	12.4%	
Method of Delivery																			
Vaginal (including VBAC)	6890	45.0%	70	29.3%	70	29.3%			333	29.1%	248	27.0%	22	43.1%	26	29.9%	37	41.6%	
Cesarean - Primary	3041	19.9%	86	36.0%	86	36.0%			279	24.4%	234	25.5%	14	27.5%	22	25.3%	9	10.1%	
Cesarean - Secondary	2545	16.6%	45	18.8%	45	18.8%			307	26.8%	262	28.5%	11	21.6%	18	20.7%	16	18.0%	
Unknown	2821	18.4%	38	15.9%	38	15.9%			226	19.7%	174	19.0%			21	24.1%	27	30.3%	
Preconception Care ⁴																			
Yes	236	1.5%	67	28.0%	67	28.0%			169	14.8%	135	14.7%	9	17.6%	10	11.5%	15	16.9%	
No	560	3.7%	97	40.6%	97	40.6%			463	40.4%	358	39.0%	26	51.0%	48	55.2%	31	34.8%	
Not Applicable	13916	91.0%																	
Unknown	585	3.8%	74	31.0%	74	31.0%			511	44.6%	425	46.3%	14	27.5%	29	33.3%	43	48.3%	
Hemoglobin A1c ⁵																			
Pre-pregnancy known	219		69		69				125		109		9						
Pre-pregnancy > 7.0	94	42.9%	34	49.3%	34	49.3%			57	45.6%	53	48.6%							
Prenatal known	4625		165		165				703		561		40		54		48		
Prenatal > 7.0	577	12.5%	93	56.4%	93	56.4%			321	45.7%	283	50.4%	19	47.5%	12	22.2%	7	14.6%	

1. Cell values less than 5 are suppressed.

3. Tables by specific maternal characteristics (e.g. race/ethnicity, education, payment source) exclude mothers with spontaneous abortions.

4. Preconception care was reported only among women with pre-existing diabetes (Type 1 or 2). All other categories are reported as Not Applicable. Totals exclude spontaneous abortions.

5. Excludes clients with a spontaneous abortion and those whose HbA1c test results were not reported.

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	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%

Maternal Characteristics³

Weeks Gestation at Entry Into Sweet Success Care																		
< 14 weeks	1824	11.9%	140	58.6%	140	58.6%			627	54.8%	529	57.6%	34	66.7%	36	41.4%	28	31.5%
14 to 27 weeks	3541	23.1%	65	27.2%	65	27.2%			368	32.1%	278	30.3%	13	25.5%	36	41.4%	41	46.1%
28 to 32 weeks	6269	41.0%	20	8.4%	20	8.4%			88	7.7%	70	7.6%			6	6.9%	12	13.5%
33 to 37 weeks	2877	18.8%	11	4.6%	11	4.6%			49	4.3%	32	3.5%			7	8.0%	7	7.9%
> 38 weeks	236	1.5%																
Unknown	550	3.6%							9	0.8%	6	0.7%						
Post-partum Testing Done	6160	100.0%	99	1.6%	99	100.0%			459	7.5%	374	81.5%	23	5.0%	35	7.6%	27	5.9%
SS Interventions (total)																		
1 to 4	4697	30.7%	56	23.4%	56	23.4%			238	20.8%	179	19.5%	9	17.6%	18	20.7%	32	36.0%
5 to 10	5904	38.6%	55	23.0%	55	23.0%			273	23.8%	212	23.1%	6	11.8%	23	26.4%	32	36.0%
11 to 15	1756	11.5%	24	10.0%	24	10.0%			176	15.4%	153	16.7%	6	11.8%	13	14.9%		
> 15	1795	11.7%	91	38.1%	91	38.1%			396	34.6%	326	35.5%	29	56.9%	23	26.4%	18	20.2%
Unknown	1145	7.5%	13	5.4%	13	5.4%			62	5.4%	48	5.2%			10	11.5%		
Average Number of Visits	7.8		14.2		14.2		0.0		13.0		13.4		18.0		10.8		8.3	
Treatment Change (from first to last SS visit) ⁶																		
Insulin Added	2434	60.7%							242	81.2%	227	100.0%	15	32.6%				
Oral Medication Added	1574	39.3%							56	18.8%			31	67.4%	25	100.0%		
BMI less than 19.8	645	4.2%	14	5.9%	14	5.9%			8	0.7%	5	0.5%						
Total Gain < 28 lbs ⁷	359	55.7%	8	57.1%	8	57.1%												
Total Gain 28 - 40 lbs	221	34.3%																
Total Gain > 40 lbs	65	10.1%	5	35.7%	5	35.7%												
BMI 19.8 to 24.9	3645	23.8%	89	37.2%	89	37.2%			111	9.7%	88	9.6%			11	12.6%	10	11.2%
Total Gain < 25 lbs	1793	49.2%	33	37.1%	33	37.1%			69	62.2%	52	59.1%			8	72.7%	7	70.0%
Total Gain 25 - 35 lbs	1179	32.3%	23	25.8%	23	25.8%			14	12.6%	11	12.5%						
Total Gain > 35 lbs	673	18.5%	33	37.1%	33	37.1%			28	25.2%	25	28.4%						
BMI 25.0 to 29.0	3615	23.6%	74	31.0%	74	31.0%			207	18.1%	155	16.9%			24	27.6%	24	27.0%
Total Gain < 15 lbs	1164	32.2%	27	36.5%	27	36.5%			77	37.2%	50	32.3%			13	54.2%	13	54.2%
Total Gain 15 - 25 lbs	1200	33.2%	14	18.9%	14	18.9%			61	29.5%	46	29.7%			5	20.8%	8	33.3%
Total Gain > 25 lbs	1251	34.6%	33	44.6%	33	44.6%			69	33.3%	59	38.1%			6	25.0%		
BMI > 29.0	7103	46.4%	62	25.9%	62	25.9%			816	71.3%	668	72.8%	45	88.2%	51	58.6%	52	58.4%
Total Gain < 15 lbs	3536	49.8%	27	43.5%	27	43.5%			389	47.7%	302	45.2%	20	44.4%	33	64.7%	34	65.4%
Total Gain 15 - 25 lbs	1938	27.3%	18	29.0%	18	29.0%			185	22.7%	157	23.5%	8	17.8%	7	13.7%	13	25.0%
Total Gain > 25 lbs	1629	22.9%	17	27.4%	17	27.4%			242	29.7%	209	31.3%	17	37.8%	11	21.6%	5	9.6%
BMI or Wt. Gain Unknown	289	1.9%																

1. Cell values less than 5 are suppressed.

3. Tables by specific maternal characteristics (e.g. race/ethnicity, education, payment source) exclude mothers with spontaneous abortions.

6. Treatment change is reported for those clients remaining in the same general diagnostic grouping whose intervention at the last visit changed to include oral medications or insulin.

7. Total gain is based on the difference in weight measured at last SS visit and the pre-pregnancy weight reported.

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	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%
Type of Pregnancy⁸																		
Singletons	14485	94.6%	219	91.6%	219	91.6%			1093	95.5%	886	96.5%	44	86.3%	76	87.4%	87	97.8%
Multiples	540	3.5%	16	6.7%	16	6.7%			39	3.4%	27	2.9%			8	9.2%		
- Twins	513	3.4%	16	6.7%	16	6.7%			36	3.1%	24	2.6%			8	9.2%		
- Triplets or more	27	0.2%																
- Unknown multiples																		
Unknown	286	1.9%							13	1.1%	5	0.5%	5	9.8%				
Gender⁹																		
Male	6100	42.1%	81	37.0%	81	37.0%			447	40.9%	366	41.3%	23	52.3%	25	32.9%	33	37.9%
Female	5476	37.8%	94	42.9%	94	42.9%			411	37.6%	335	37.8%	14	31.8%	31	40.8%	31	35.6%
Unknown	2909	20.1%	44	20.1%	44	20.1%			235	21.5%	185	20.9%	7	15.9%	20	26.3%	23	26.4%
Congenital Anomalies																		
Known at Discharge	138	100.0%	9	6.5%	9	100.0%			24	17.4%	21	87.5%						
Method of Feeding at Discharge from Hospital																		
Breast Milk Only	4754	32.8%	71	32.4%	71	32.4%			287	26.3%	223	25.2%	13	29.5%	23	30.3%	28	32.2%
Formula Only	1355	9.4%	29	13.2%	29	13.2%			139	12.7%	117	13.2%	7	15.9%	5	6.6%	10	11.5%
Breast milk & formula	2925	20.2%	28	12.8%	28	12.8%			204	18.7%	163	18.4%	13	29.5%	18	23.7%	10	11.5%
Unknown	5451	37.6%	91	41.6%	91	41.6%			463	42.4%	383	43.2%	11	25.0%	30	39.5%	39	44.8%
Singletons																		
Birthweight																		
< 1,500 grams	77	0.5%							18	1.6%	17	1.9%						
1,500 to 2,499 grams	677	4.7%	13	5.9%	13	5.9%			60	5.5%	51	5.8%			5	6.6%		
2,500 to 3,999 grams	9484	65.5%	115	52.5%	115	52.5%			608	55.6%	495	55.9%	27	61.4%	38	50.0%	48	55.2%
4,000 to 4,499 grams	933	6.4%	29	13.2%	29	13.2%			99	9.1%	80	9.0%			6	7.9%	9	10.3%
> 4,500 grams	273	1.9%	7	3.2%	7	3.2%			53	4.8%	44	5.0%						
Unknown	3041	21.0%	51	23.3%	51	23.3%			255	23.3%	199	22.5%	7	15.9%	24	31.6%	25	28.7%
Completed Weeks Gestation at Delivery¹⁰																		
20 to 24 weeks	9	0.1%																
24 to 28 weeks	86	0.6%	6	2.7%	6	2.7%			35	3.2%	31	3.5%						
29 to 32 weeks	75	0.5%							13	1.2%	12	1.4%						
33 to 36 weeks	972	6.7%	41	18.7%	41	18.7%			105	9.6%	85	9.6%	6	13.6%	9	11.8%	5	5.7%
37 to 41 weeks	10579	73.0%	134	61.2%	134	61.2%			724	66.2%	595	67.2%	31	70.5%	44	57.9%	54	62.1%
> 41 weeks	218	1.5%							24	2.2%	17	1.9%						
Unknown	2546	17.6%	35	16.0%	35	16.0%			190	17.4%	145	16.4%			19	25.0%	23	26.4%

1. Cell values less than 5 are suppressed.

8. Tables by type of pregnancy and infant characteristics exclude spontaneous abortions

9. Tables by specific infant characteristics (e.g. gender, congenital anomalies, method of feeding, birthweight, completed weeks gestation, birthweight for gestational age, and not discharged with mother) are for singleton infants not spontaneously aborted.

10. Completed weeks gestation at delivery calculated using estimated date of delivery and actual date of delivery (Birth Date).

If either value is missing, case is reported as unknown.

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	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%	num #	%

Birthweight (Size) for Gestational Age ^{9, 11}																		
Small (<10th %tile)	1339	9.2%	12	5.5%	12	5.5%			78	7.1%	65	7.3%					7	8.0%
Average (11-89th %tile)	8528	58.9%	110	50.2%	110	50.2%			565	51.7%	463	52.3%	23	52.3%	37	48.7%	42	48.3%
Large (>90 %tile)	1225	8.5%	42	19.2%	42	19.2%			167	15.3%	137	15.5%	11	25.0%	9	11.8%	10	11.5%
Unknown	3393	23.4%	55	25.1%	55	25.1%			283	25.9%	221	24.9%	8	18.2%	26	34.2%	28	32.2%
Not Discharged with Mother																		
Total	1034	100.0%	43	4.2%	43	100.0%			167	16.2%	142	85.0%	11	6.6%	7	4.2%	7	4.2%
Length of Stay < 7 days	352	34.0%	14	32.6%	14	32.6%			57	34.1%	47	33.1%	8	72.7%				
Length of Stay > 7 days	285	27.6%	11	25.6%	11	25.6%			48	28.7%	44	31.0%						
Unknown	397	38.4%	18	41.9%	18	41.9%			62	37.1%	51	35.9%					5	71.4%

1. Cell values less than 5 are suppressed.

9. Tables by specific infant characteristics (e.g. gender, congenital anomalies, method of feeding, birthweight, completed weeks gestation, birthweight for gestational age, and not discharged with mother) are for singleton infants not spontaneously aborted.

11. Birthweight (size) for gestational age is calculated using infant birthweight and gestational age as calculated by difference of estimated date of delivery (EDD) and actual Delivery Date (DD) when compared to standard U.S. growth charts. If birthweight, EDD, or DD is missing, case is reported as unknown.