

BIRTH CERTIFICATE SUMMARY

&

PERINATAL INDICATORS

2000



SANTA CRUZ COUNTY

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This report was compiled in March 2001 by Santa Cruz County Health Services Agency, Maternal, Child, and Adolescent Health Office. To obtain copies or discuss contents, contact the office at (831) 454-5482.

BIRTH CERTIFICATE SUMMARY & HIGHLIGHTS

This year 2000 Birth Certificate Summary Report includes all births to Santa Cruz County residents (3,480) and 351 births to women who live in other counties but delivered in Santa Cruz county. Of the county residents who gave birth, 232 delivered outside of the county and the indicator data concerning their births is shown in the "Out of County" column in Tables 1 and 2. The 351 non-county residents' birth data included in this report are interspersed among the 3 delivery facilities in the county; 175 of these births are to Monterey County residents living in zip code 95076.

HIGHLIGHTS OF HEALTH INDICATORS FOR 2000:

- ◆ 88% of all women in 2000 received prenatal care in the first trimester. This rate continues to rise slowly, is higher than the 84% seen in 1999, and is still higher than the 82.2% statewide. However, among women whose births were covered under Medi-Cal, the early-to-care rate did not increase from the 1999 rate of 73%. The Year 2000 Goal for the State of California was 90%. Entry into care in the third trimester continues to remain low at 1.8%, and only 21 birth certificates indicated "no prenatal care". Only 2% of the women received inadequate care according to Kessner index.
- ◆ Low birth weight (under 5.5 pounds) babies continue at a steady, low level of 5.2%, below California's 6.1% and nearly equal to the Year 2000 goal of 5%. Teens show an 8.4% rate of low birth weight with a larger proportion of the babies under 1500 gms. (3.3 pounds) than the general population. These numbers remain quite small, however, with only 34 babies under 1500 grams for the total county's births.
- ◆ Medi-Cal births have continued on a downward trend, at 41% of the total births in Santa Cruz County. Medi-Cal births peaked at 51% in 1994. Watsonville Community Hospital's Medi-Cal deliveries remain at 70% of their total number of deliveries, and this hospital delivers 67% of the county's Medi-Cal funded births. A new table has been added this year for Medi-Cal births by zip code that displays 95076 and 95019 (south county) which account for 70% of all Medi-Cal births in the county.
- ◆ Births to women age 35 years and older account for 19.8% of all births in Santa Cruz County. This is higher than the statewide average of 15.6% (in 1999).
- ◆ The raw number of births to teens 19 years and under holds steady at 9.7% of the total births in the county. Teen birth *rates* reflect the same picture with a 2000 rate of 40.4 (per 1000 population estimate) comparable to 1999. Analysis of the raw number of births to teens shows an overall drop of 22% from 1995 to 2000, with the largest decrease of 60% for ages 16 and under. Of the 371 births to teens 19 years and under, 242 of the (65%) were to residents of 95076, and 60 were the 2nd birth (or more) for the teen. This represents 16.2% of total births to teenage mothers, much lower than the national average of 22% (in 1998). In comparison to the total birthing population, teens had higher rates of inadequate care, late and no prenatal care, and low birth weight babies.

SANTA CRUZ COUNTY BIRTH CERTIFICATE SUMMARY
BY OCCURRENCE AND RESIDENCE
FOR PERIOD OF: January 1, 2000 through December 31, 2000

Table I

	Watsonville Hospital	Dominican Hospital	Sutter Maternity	Out of County	Non- Hospital	TOTAL	%
AGE OF MOTHER:							
15 & under	10	7	0	1	0	18	9.7%
16 - 17	66	22	9	2	1	100	
18 - 19	158	55	30	-8	2	253	
20 - 34	1090	865	545	141	62	2703	70.5%
35 & over	171	281	202	80	23	757	19.6%
ETHNICITY:							
Caucasian	136	703	559	152	69	1619	42.3%
Hispanic	1346	408	175	55	4	1988	52%
Black	3	14	10	0	0	27	<1%
Asian	8	56	38	12	1	115	3%
Unknown/Other	2	49	4	13	14	82	
PRENATAL CARE:							
None	12	5	0	2	2	21	0.5%
3 rd Trimester	42	12	13	0	1	68	1.8%
Inadequate/Kessner Index	46	14	1	11	2	74	2%
Unknown	0	9	1	1	0	11	
1 st Trimester	1253	1140	695	209	76	3373	88%
MOTHER'S EDUCATION:							
None/Unknown	20	39	9	14	13	95	2.5%
1 - 8 years	580	114	19	14	0	727	19%
9 - 11 years	375	132	32	10	1	550	14.4%
12 & more years	520	945	726	194	74	2459	64%
BIRTHWEIGHT OF BABY:							
Under 1500 gms	5	8	1	20	0	34	0.9%
1500 - 2499 gms	56	61	17	30	0	164	4.3%
2500 gms & over	1434	1161	768	182	88	3633	94.8%
DELIVERY FUNDED BY MEDI-CAL	1050	380	102	214	4	1568	41%
TOTAL BIRTHS	1495	1230	786	232	88	3831	100%

**SANTA CRUZ COUNTY TEEN BIRTH CERTIFICATE SUMMARY
BY OCCURRENCE AND RESIDENCE
FOR PERIOD OF: January 1, 2000 through December 31, 2000**

Table II

	Watsonville Hospital	Dominican Hospital	Sutter Maternity	Out of County	Non- Hospital	TOTAL	%
AGE OF MOTHER:							
14 & under	1	2	0	0	0	3	<1%
15	9	5	1	0	0	15	4%
16 - 17	66	22	8	3	1	100	27%
18-19	158	55	30	8	2	253	68%
TOTAL BIRTHS TO TEENS	234	84	39	11	3	371	9.7%
ETHNICITY:							
Caucasian	14	29	29	1	0	73	20%
Hispanic	218	48	8	8	1	283	76%
Black	1	1	0	0	0	2	<1%
Asian	1	3	2	1	0	7	2%
Unknown/Other	0	3	0	1	2	6	
PRENATAL CARE:							
None	1	1	0	0	2	4	1%
3 rd Trimester	14	1	2	0	0	17	4.6%
Inadequate/Kessner Index	13	1	1	0	1	16	4.3%
Unknown	0	1	1	2	0	2	
1 st Trimester	192	72	25	9	0	298	80%
MOTHER'S EDUCATION:							
None/Unknown	5	4	1	1	2	13	
1 - 8 years	54	9	0	2	0	65	17.5%
9 - 11 years	104	38	7	2	1	152	41%
12 & more years	71	33	31	6	0	141	38%
BIRTHWEIGHT OF BABY:							
Under 1500 gms	0	2	0	5	0	7	1.9%
1500 - 2499 gms	9	9	3	3	0	24	6.5%
2500 gms & over	225	73	36	3	3	340	91.6%
DELIVERY FUNDED BY MEDI-CAL	208	65	16	7	1	297	80%

**SANTA CRUZ COUNTY BIRTHS
BY ZIP CODE OF RESIDENCE AND MEDI-CAL PAYMENT
2000**

Table III

CITY	TOTAL BIRTHS	MEDI-CAL	% OF MEDI-CAL
APTOS 95003, 95001	245	24	9.8%
AROMAS 95004	19	7	41%
BEN LOMOND 95005	68	12	17.6%
BOULDER CREEK 95006	79	19	24%
BROOKDALE 95007	10	2	20%
CAPITOLA 95010	90	13	14.4%
DAVENPORT 95017	6	2	33%
FELTON 95018	81	15	18.5%
FREEDOM 95019	135	88	65%
MOUNT HERMON 95041	5	1	20%
SANTA CRUZ 95060-65	1016	302	30%
SCOTTS VALLEY 95066-67	175	12	7%
SOQUEL 95073	103	18	17.5%
WATSONVILLE 95076-77	1604	1010	63%
OUT OF COUNTY ZIP CODES	195	43	22%
TOTALS	3831	1568	40.9%

SANTA CRUZ COUNTY
TEEN BIRTHS BY ZIP CODE OF RESIDENCE
2000

Table IV

CITY	TOTAL BIRTHS	TEEN BIRTHS	% OF TEEN BIRTHS
APTOS 95003, 95001	245	8	3.3%
AROMAS 95004	19	1	5.3%
BEN LOMOND 95005	68	2	3%
BOULDER CREEK 95006	79	6	7.6%
BROOKDALE 95007	10	0	0
CAPITOLA 95010	90	5	5.6%
DAVENPORT 95017	6	0	0
FELTON 95018	81	3	3.7%
FREEDOM 95019	135	20	14.8%
MOUNT HERMON 95041	5	0	0
SANTA CRUZ 95060-65	1016	68	6.7%
SCOTTS VALLEY 95066-67	175	3	1.8%
SOQUEL 95073	103	4	3.9%
WATSONVILLE 95076-77	1604	242	15.1%
OUT OF COUNTY ZIP CODES	195	9	4.6%
TOTALS	3831	371	9.7%

**TEENAGE BIRTHS IN SANTA CRUZ COUNTY
BY RESIDENCE AND MOTHER'S AGE
2000**

	Age 14 & Under	Age 15	Age 16	Age 17	Age 18-19	TOTAL
APTOS	0	0	0	1	7	8
AROMAS	0	0	0	0	1	1
BEN LOMOND	0	0	0	0	2	2
BOULDER CREEK	0	0	2	0	4	6
BROOKDALE	0	0	0	0	0	0
CAPITOLA	0	1	0	1	3	5
DAVENPORT	0	0	0	0	0	0
FELTON	0	0	0	1	2	3
FREEDOM	1	0	0	2	17	20
MOUNT HERMON	0	0	0	0	0	0
SANTA CRUZ	1	3	6	15	43	68
SCOTTS VALLEY	0	0	0	0	3	3
SOQUEL	0	0	0	0	4	4
WATSONVILLE	1 (age 12)	10	26	44	161	242
OUT OF COUNTY	0	1	1	1	6	9
TOTALS	3	15	35	65	253	371

**TEEN BIRTHS IN SANTA CRUZ COUNTY
1995 - 2000 Percentage Change**

	Age 14 & Under	Age 15	Age 16	Age 17	Age 18 - 19	Total
1995	18	44	67	95	251	475
1996	10	24	63	74	256	427
1997	8	40	49	78	225	400
1998	9	29	48	89	234	409
1999	9	19	38	53	247	366
2000	3	15	35	65	253	371
% Change	-83%	-66%	-48%	-32%	+0.8%	-22%

TEEN BIRTH TRENDS
95076 - Watsonville
1990 - 2000

YEAR	TOTAL BIRTHS (number)	TEEN BIRTHS (number)	PERCENTAGE OF BIRTHS TO TEENS
1990	1,676	229	13.6%
1991	1,694	258	15.3%
1992	1,752	250	14.3%
1993	1,671	264	15.7%
1994	1,615	261	16.0%
1995	1,584	273	17.2%
1996	1,605	246	15.3%
1997	1,614	229	14.2%
1998	1,601	259	16.2%
1999	1,588	216	13.6%
2000	1604	242	15.1%

TEEN BIRTH TRENDS
San Lorenzo Valley
Ben Lomond, Boulder Creek, Brookdale, Felton
1990 - 2000

YEAR	TOTAL BIRTHS (number)	TEEN BIRTHS (number)	PERCENTAGE OF BIRTHS TO TEENS
1990	290	19	6.5%
1991	262	11	4.2%
1992	248	14	5.6%
1993	256	17	6.6%
1994	228	15	6.5%
1995	293	18	6.0%
1996	283	13	4.6%
1997	276	12	4.3%
1998	254	9	3.5%
1999	266	13	5.0%
2000	238	11	4.6%

Santa Cruz County
Teens with Two or More Live Births
2000

Age	Total Births	Total Teens with 2 nd Live Birth	Total Watsonville (95076) Teens with 2+Births
12	1	0	0
13	0	0	0
14	2	0	0
15	15	0	0
16	35	1	1
17	65	4	2
18-19	253	55	39
TOTAL	371	60 (16.2%)	42 (17% of Total Teen Births for 95076)

Nationally, 22% of all births in 1996 to teens ages 15-19 were 2nd or higher birth order according to Child Trends, Inc. "Facts At A Glance."

Santa Cruz County
242 Teen Births in Watsonville - ZIP Code 95076
Trimester Prenatal Care Initiated

AGE	NO PN CARE	1 ST TRIMESTER	2 ND TRIMESTER	3 RD TRIMESTER
14 - Under	0	0	0	1
15 - 17	1	60	12	7
18 - 19	1	139	15	6
TOTAL	2 (0.8%)	199 (82%)	27	14 (5.6%) (of Total Teen Births in Watsonville)

Santa Cruz County - 2000
371 Teen Births
 Trimester Prenatal Care Initiated
 Adequacy of Care

Age	1st Trimester	3rd Trimester	No Prenatal Care	Inadequate (Kessner Index)
14 - Under	1	1	0	1
15 - 17	82	9	2	10
18 - 19	215	7	2	5
TOTAL	298 (80.3%)	17 (4.6%)	4 (1.1%)	16 (4.3%)

Santa Cruz County
PERINATAL INDICATORS
1997 - 2000 BIRTHS

	Santa Cruz				State of California
	1997	1998	1999	2000	1999
Total Births*	3848	3798	3776	3831	518,073
Teen Births **					
Number	400	409	366	371	57,615
% of Total Births	10.1%	10.8%	9.7%	9.7%	11.1%
Rate/1000 Pop.	41.5	41.1	40.5	40.4	n.a.
Infant Mortality Rate	4.8	5.8	4.9	n.a.	5.4
Low Birth Weight Under 5.5 Pounds	5.0%	5.3%	4.3%	5.2%	6.1%
Number of Babies Under 3.3 Pounds					5950
Dominican	6	7	2	8	
Watsonville	7	9	6	5	
Sutter Maternity	0	0	0	1	
Out of County	20	17	29	20	
Deliveries Funded By Medi-Cal					n.a.
Dominican Hospital	38%	33%	32%	31%	
Watsonville Hospital	68%	68%	71%	70%	
Sutter Maternity	14%	14%	17%	13%	
Total	44.5%	42%	42%	41%	

* 1997 - 2000 total births include all births to Santa Cruz County residents and births to non-county residents who delivered in Santa Cruz County facilities.

** Teen births include age 19 and under.

Comparison of Selected Perinatal Indicators
1997-2000

	Santa Cruz				State of California 1999	Year 2000 Goal
	1997	1998	1999	2000		
Percentage of Births Receiving Prenatal Care in First Trimester						
Total Births	82%	83%	84%	88%	82.2%	90%
Teens	71%	73%	74%	80%		
Watsonville Hospital	76%	77%	77%	84%		
Dominican Hospital	87%	87%	89%	93%		
Sutter Maternity	88%	87%	88%	88%		
Medi-Cal Funded	74%	73%	73%	82%		
Private & Other Funded	91%	91%	92%	92%		
3rd Trimester & No Prenatal Care						
Total Births	2.5%	3.0%	2.5%	2.3%	3.1%	
Teens	5.8%	5.1%	3.8%	5.7%		
Watsonville Hospital	4.0%	4.4%	4.9%	3.6%		
Dominican Hospital	1.4%	2.1%	1.1%	1.1%		
Sutter Maternity	1.0%	1.0%	0.6%	1.7%		
Medi-Cal Funded:	3.2%	5.3%	5.2%	4.1%		
Private & Other Funded	0.9%	0.8%	0.6%	1.5%		
Inadequate Prenatal Care By Kessner Index						
Total Births	3.0%	3.0%	3.0%	2.4%	2.0%	
Teens	5.0%	5.0%	5.0%	3.6%	4.3%	
Watsonville Hospital	5.0%	4.6%	4.6%	4.8%	3.1%	
Dominican Hospital	1.6%	1.9%	1.9%	0.9%	1.1%	
Sutter Maternity	1.1%	1.0%	1.0%	0.6%	0.1%	
Medi-Cal Funded	4.1%	5.3%	5.3%	4.8%	3.2%	
Private & Other Funded	1.1%	0.8%	0.8%	0.6%	1.0%	

Note: The Kessner Index combines the month of the first prenatal visit with the total number of visits to establish a measure of the use of prenatal care.