

BIRTH CERTIFICATE
SUMMARY
&
PERINATAL INDICATORS

1997



SANTA CRUZ COUNTY

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This report was compiled in May, 1998 by Santa Cruz County Health Services Agency, Maternal, Child, and Adolescent Health Office. To obtain copies or discuss contents, contact Lynn McKibbin, PHN, at 408 454-4650.

BIRTH CERTIFICATE SUMMARY & HIGHLIGHTS

This 1997 Birth Certificate Summary Report includes all births to Santa Cruz County residents (3,535) and 413 births to women who live in other counties. Of the 3,535 County residents who gave birth, 291 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 413 non-county residents' birth data are interspersed among the 3 delivery facilities in the County, 224 of these births are to Monterey County residents living in zip code 95076.

HIGHLIGHTS OF HEALTH INDICATORS FOR 1997:

- ◇ 82% of all women in 1997 received prenatal care in the first trimester. This is slightly higher than the 81% seen in 1995, and still higher than the 80.6% statewide. The Year 2000 Goal is 90%. Entry into care in the third trimester was reduced by 1.3% and 1.1% fewer women received inadequate care according to Kessner index.
- ◇ Low birthweight (under 5.5 pounds) babies continue at a steady, low level of 5%, well below California's 6.1% and equal to the Year 2000 goal of 5%. Teens show an even lower rate of low birthweight at 4%.
- ◇ Births to teenagers 19 and under have decreased again this year to 10.1% of the total births, a 6.5% decrease from last year. Zip code 95076 shows a 7% decrease from last year's number, although still reason for concern at 14.2% of all births. This is still above the State's 11.9% of all births in 1996. The 18 - 19 year old age group showed the most significant decrease this year with a 12% decrease in births from 1996.
- ◇ MediCal births have continued on a downward trend, now 44.5% of the total births in Santa Cruz county. MediCal births peaked at 51% in 1994. Watsonville Hospital accounts for 63% of all MediCal deliveries included in this report.

SANTA CRUZ COUNTY BIRTH CERTIFICATE SUMMARY
BY OCCURRENCE AND RESIDENCE
FOR PERIOD OF: January 1, 1997 through December 31, 1997

Table I

AGE OF MOTHER:	Watsonville Hospital	Dominican Hospital	Sutter Maternity	Out of County	Non- Hospital	TOTAL	%
14 & under	5	2	1	0	0	8	(400) 10.1%
15 - 17	114	39	6	7	1	167	
18 - 19	129	64	22	6	4	225	
20 - 34	1212	964	434	187	61	2858	
35 & over	165	263	148	91	23	690	17.4%
ETHNICITY:							
Caucasian	169	793	456	212	81	1711	43%
Hispanic	1435	407	122	58	4	2026	51%
Black	2	13	4	3	0	22	
Asian	18	47	24	12	3	104	
Unknown/Other	0	63	3	3	1	70	
PRENATAL CARE:							
None	10	6	1	0	2	19	0.5%
3 rd Trimester	57	12	5	4	3	81	2%
Inadequate/Kessner Index	82	21	7	5	4	119	3%
Unknown	0	46	0	2	2	50	
1 st Trimester	1231	1160	535	265	58	3249	82.2%
MOTHER'S EDUCATION:							
None/Unknown	17	79	3	5	1	105	
1 - 8 years	662	111	11	15	0	799	
9 - 11 years	379	125	36	14	4	558	
12 & more years	567	1017	561	257	84	2486	
MOM'S PLACE OF BIRTH:							
Mexico	1105	270	55	28	0	1458	36.9%
BIRTHWEIGHT OF BABY:							
Under 1500 gms	7	6	0	20	2	35	0.9%
1500 - 2499 gms	50	70	8	36	1	165	4.1%
2500 gms & over	1568	1256	603	235	86	3748	
DELIVERY FUNDED BY MEDI-CAL	1110	508	86	45	6	1755	44.5%
TOTAL BIRTHS	1625	1332	611	291	89	3948	

SANTA CRUZ COUNTY TEEN BIRTH CERTIFICATE SUMMARY
BY OCCURRENCE AND RESIDENCE
FOR PERIOD OF: January 1, 1997 through December 31, 1997

Table II

	Watsonville Hospital	Dominican Hospital	Sutter Maternity	Out of County	Non- Hospital	TOTAL	%
AGE OF MOTHER:							
14 & under	5	2	1	0	0	8	2%
15	29	10	0	1	0	40	10%
16 - 17	85	29	6	6	1	127	31.8%
18-19	129	64	22	6	4	225	56.2%
TOTAL BIRTHS TO TEENS	248	105	29	13	5	400	10.1%
ETHNICITY:							
Caucasian	21	35	16	5	5	82	21%
Hispanic	225	62	13	8	0	308	77%
Black	1	4	0	0	0	5	1.3%
Asian	1	1	0	0	0	2	.5%
Unknown/Other	0	3	0	0	0	3	.8%
PRENATAL CARE:							
None	0	1	0	0	0	1	
3 rd Trimester	20	1	0	0	1	22	5.5%
Inadequate/Kessner Index	17	2	0	0	1	20	5%
Unknown	0	6	0	0	0	6	1.5%
1 st Trimester	168	79	24	13	2	286	71.5%
MOTHER'S EDUCATION:							
None/Unknown	1	11	0	1	0	13	
1 - 8 years	82	14	1	1	0	98	
9 - 11 years	111	42	12	6	2	173	
12 & more years	54	38	16	5	3	116	
MOM'S PLACE OF BIRTH:							
Mexico	118	30	2	3	0	153	38.2%
BIRTHWEIGHT OF BABY:							
Under 1500 gms	1	0	0	1	0	2	.5%
1500 - 2499 gms	3	6	1	4	0	14	3.5%
2500 gms & over	244	99	28	8	5	384	

DELIVERY FUNDED BY MEDI-CAL	227	80	10	9	1	327	81.8%
TOTAL BIRTHS (for all ages)	1625	1332	611	291	89	3948	

**SANTA CRUZ COUNTY
BIRTHS BY ZIP CODE OF RESIDENCE
1997**

Table III

CITY	TOTAL BIRTHS	TEEN BIRTHS	% OF TEEN BIRTHS
APTOS 95003, 95001	246	9	3.7%
AROMAS 95004	19	4	21%
BEN LOMOND 95005	67	1	1.5%
BOULDER CREEK 95006	113	7	6.2%
BROOKDALE 95007	11	0	-
CAPITOLA 95010	112	4	3.6%
DAVENPORT 95017	10	1	10%
FELTON 95018	85	4	4.7%
FREEDOM 95019	144	27	18.8%
MOUNT HERMON 95041	7	0	-
SANTA CRUZ 95060-65	1039	79	7.6%
SCOTTS VALLEY 95066-67	180	7	3.9%
SOQUEL 95073	112	12	10.7%
WATSONVILLE 95076-77	1614	229	14.2%

OUT OF COUNTY ZIP CODES	189	16	8.5%
TOTALS	3948	400	10.1%

**TEENAGE BIRTHS IN SANTA CRUZ COUNTY
BY RESIDENCE AND MOTHER'S AGE
1997**

Table IV

	Age 14 & Under	Age 15	Age 16	Age 17	Age 18-19	TOTAL
APTOS	0	0	0	1	9	10
AROMAS	0	0	0	0	4	4
BEN LOMOND	0	0	0	0	1	1
BOULDER CREEK	0	0	1	2	4	7
BROOKDALE	0	0	0	0	0	0
CAPITOLA	0	1	0	1	2	4
DAVENPORT	0	0	0	0	1	1
FELTON	0	0	1	1	2	4
FREEDOM	1	6	3	5	12	27
MOUNT HERMON	0	0	0	0	0	0
SANTA CRUZ	3	9	5	13	49	79
SCOTTS VALLEY	0	1	0	0	6	7
SOQUEL	0	0	1	4	7	12
WATSONVILLE	4	23	38	47	117	229
OUT OF COUNTY	0	0	0	4	11	15
TOTALS	8	40	49	78	225	400

Table V

TEEN BIRTH TRENDS

95076 - WATSONVILLE
1990 - 1997

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%

TEEN BIRTH TRENDS
San Lorenzo Valley
1990 - 1997

Table VI

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%

*San Lorenzo Valley includes:

Brookdale - 0
Boulder Creek - 7
Ben Lomond - 1
Felton - 4

BIRTHS IN SANTA CRUZ COUNTY HOSPITALS
TO WOMEN RESIDING IN ZIP CODE 95004 (Aromas)
1997

Eighteen babies were born in Santa Cruz County hospitals and facilities to mothers residing in Aromas (95004). This small city occupies space in 3 counties, yet is closest geographically to Watsonville in Santa Cruz County, which is 10 miles away. For the many families who live in Monterey County (Salinas is 30 miles away) and San Benito County (Hollister is 20 miles away), access to health care can be a nightmare when trying to determine county eligibility. Depending on their street address or the location of the rooms in their house, the family may reside in any of these 3 counties. The K-8 Aromas School has the unique distinction of being the only school in California serving children from three different counties.

1. By Age of Mother

AGE	# OF BIRTHS
14	0
15	0
16	0
17	
18 - 19	0
20 - 34	
35+	
Total Births	

2. By County of Residence —

Santa Cruz County	0
Monterey County	0
San Benito County	0
Total Births	

3. By Hospital of Birth —

Watsonville	0
Dominican	0
Sutter	0
Home	0
Salinas	0
Total Births	

—

SANTA CRUZ COUNTY
PERINATAL INDICATORS
1994 - 1997 BIRTH CERTIFICATES

Total Births	1994	1995	1996	1997	State of California 1996
	3662	3835*	3845*	3948*	538,628
Teen Births **					
Number	445	475	427	400	
Percent of Total Births	12%	12.4%	11.2%	10.1%	11.9%
Infant Mortality Rate	7.6	3.7	6.1	na	5.9%
Low Birthweight Under 5.5 pounds	4.3%	4.4%	4.4%	5%	6.1%
<u>Under 3.3 pounds</u>					
Dominican (#)	10	3	2	6	
Watsonville (#)	10	6	8	7	(1.1%)
Sutter (#)	--	--	0	0	
Out of County (#)	--	19	22	20	
Deliveries Funded By Medi-Cal					
Dominican	29%	32%	37%	38%	
Watsonville	80%	73%	70%	68%	
Sutter	--	--	9%	14%	
Total	51%	48.9%	46.5%	44.5%	

* 1995, 1996 & 1997 totals 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
1994 - 1997

Percentage of Births Receiving Prenatal Care in the First Trimester	1994	1995	1996	1997	State of California 1996	Year 2000 Goal
Total Births:	79%	82%	81%	82%	80%	90%
Teens:	65%	69%	66%	71%		
Watsonville Hospital	71%	75%	74%	76%		
Dominican Hospital	87%	89%	86%	87%		
Sutter Maternity	--	--	81%	88%		
Medi-Cal Funded	69%	73%	72%	74%		
Private & Other Funded	88%	91%	88%	91%		

3rd Trimester and no Prenatal Care	1994	1995	1996	1997	State of California 1996
Total Births	3.8%	4.0%	3.7%	2.5%	5.2%
Teens:	5.4%	6.5%	4.9%	5.8%	
Watsonville Hospital		6.3%	5.5%	4%	
Dominican Hospital		1.6%	1.9%	1.4%	
Sutter Maternity			4.5%	1%	
Medi-Cal Funded:		6.4%	5.6%	3.2%	
Private & Other Funded		1.5%	1.9%	0.9%	

Inadequate Prenatal Care by Kessner Index	1994	1995	1996	1997
Total Births	7.8%	4.3%	4.1%	3%
Teens	11.0%	8.0%	5.4%	5%
Watsonville Hospital		7.0%	6.2%	5%
Dominican Hospital		2.0%	1.8%	1.6%
Sutter Maternity			4.5%	1.1%
Medi-Cal Funded		7.0%	6.1%	4.1%
Private & Other Funded		1.5%	2.2%	1.1%

(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.)