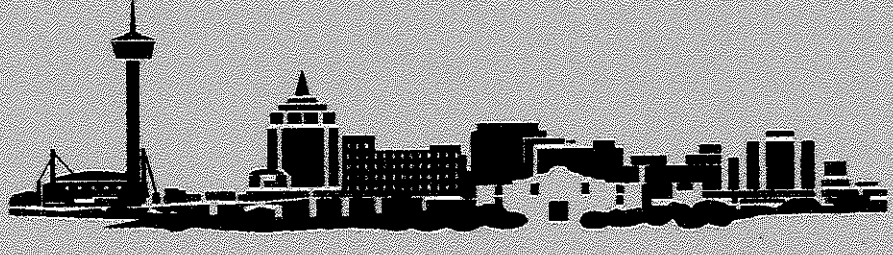
San Antonio Metropolitan Health District

HEALTH PROFILES

1997



METRO HEALTH

SAN ANTONIO'S PUBLIC HEALTH TEAM

SAN ANTONIO METROPOLITAN HEALTH DISTRICT

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San Antonio, Texas 78205-2489
PHONE (210) 207-8780 FAX (210) 207-8999

To our Partners in Health:

The mission of the San Antonio Metropolitan Health District is to promote and protect the health of all San Antonio and Bexar County residents and visitors to our community. To accomplish this goal, we must work in partnership with other state, federal and community providers to address the vast array of personal, social and environmental forces that contribute to poor health status. The health concerns highlighted in this report cannot be addressed in isolation. We must continue to move from a central public health agency focus to a more flexible and responsive model that features an integrated community approach. Such a broad-based public health perspective will help assure our citizens an effective safety net and informed decision making. It will encourage early intervention initiatives that are proactive, sustainable and inclusive of all community interests. Everyone benefits from clean air, pure water, and safe food. Control of contagious diseases, reduction of injuries and the promotion of healthy lifestyle choices will improve the overall health of all of our residents.

A great deal of time and effort went into the production of this document. Much credit is due to the diligent work of numerous staff assigned to our management, policy analysis, and surveillance teams. We hope the result of this effort provides a common reference for agencies to work together to address the pressing health concerns of our community. These include violence, substance abuse, adolescent pregnancy, and access to comprehensive and high quality health care. In the past, these partnerships have resulted in improved pregnancy outcomes, declines in infant mortality, a reduction in vaccine preventable disease and a strengthening of the fragile ecosystem on which we all depend. Continued improvements will depend largely on how well we continue to inform and educate our residents about the ways in which they can improve and protect their own health and well-being.

My hope is that in reviewing this data we take the time to reflect on both our accomplishments and our shortcomings. There is much we can point to with pride, but we must persevere in our efforts to modify deadly risk-taking behaviors, and reverse the adverse life circumstances that condemn so many to an existence of helplessness and hopelessness. We neglect these social imperatives at our own peril. The most creative and best crafted of our public health interventions are rendered ineffective in the face of these conditions. This effort must be pursued in a time of fragmented and uncertain funding from a variety of federal, state and local sources. Despite this challenge, the San Antonio Metropolitan Health District is firmly committed to quality public health services that our residents and visitors expect and deserve.

Sincerely,

Fernando A. Guerra M.D., M.P.H.
Director of Health

METRO HEALTH
SAN ANTONIO'S PUBLIC HEALTH TEAM

Introduction

This edition of 1997 San Antonio Health Profiles presents health information collected annually by the San Antonio Metropolitan Health District (SAMHD) to assist in assessing the health status of San Antonio and Bexar County. The information found in this document reflects events which occurred in calendar year 1997. The information presented was gathered from our own Vital Records Bureau and a variety of other administrative sources within the SAMHD.

Our goal was to produce a document which would serve a variety of purposes from a quick reference for the casual user to a more detailed analysis for the program planner and health administrator. Unfortunately key information sets remain unavailable for purposes of this assessment. Noticeably absent are reliable indicators for substance abuse, school health, behavioral and social morbidities, as well as clinical and hospital data relevant to prevalence of chronic and preventable conditions. In spite of these shortcomings this document should provide health and social services agencies with sufficient information to conduct needs assessments or establish outcome measures for community based programs.

The data reported herein is based either on registered vital records (birth and death certificates), administrative records (notifiable disease reports) or surveys of Bexar County residents (behavioral risk factor surveillance). The reader should recognize, of course, the potential for error that may occur because of under-reported events, survey design, or data processing and coding errors. Every effort was made to present the most accurate and reliable information available. However, the most difficult errors to remedy are inaccurate conclusions drawn from complex events and those which imply simple cause-effect relationships. Additionally, data involving the presence or absence of relatively rare health events carry the possibility of large margins of error and should also be interpreted with caution.

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ACKNOWLEDGEMENTS
Gratitude is extended to everyone who participated in the development of this year's Health Profiles publication. A special thanks to Dr. Ben Bradshaw who provided invaluable assistance in the statistical calculations for age adjusted death rates and life expectancy at birth. Thanks to Ileana King whose perseverance made this report possible.

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Selected Health Demographics
San Antonio Metropolitan Health District
1997

Socio Economic Indicators

Children in Poverty		34.2%
Overall Poverty		22.7%
Unemployment Rate		4.6%
Women Below 150% Poverty		213,697.0
200% Below Poverty	1,219(19%)	

Demographics

Age

Population under 1	23,176
1 - 4	113,389
5 - 18	286,387
Total Population	1,371,100
Women 15 - 44 (child bearing years)	306,557

Natality	Number	Rate (or %)
Total Births	22,810	16.6/1000
Infant Mortality	173	7.6/1000
Teen Births	1,775	22%
Low Birth Weight	2,039	8.9%
Late Prenatal Care	3,681	16.1%
Fertility Rate*	-	74.0 /1000

Communicable Diseases	Number	Rate/100K
STD		
-Primary & Secondary Syphylis	404	30.6
-Gonorrhea	1,797	131.1
AIDS	309	22.5
Tuberculosis	101	7.3
Hepatitis A	437	31.9
Hepatitis B	100	7.3

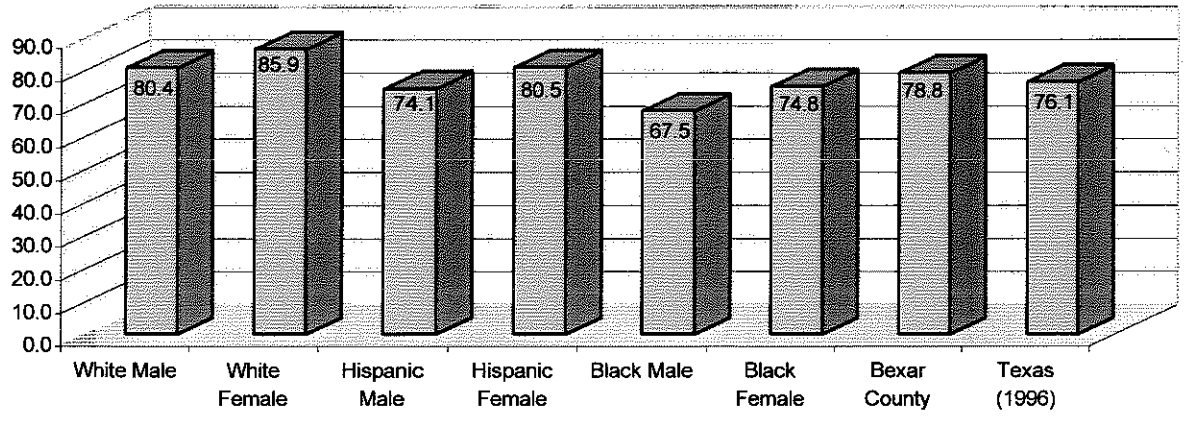
Mortality	Deaths	Rate/100K
Deaths - All Causes	9,115	664.8
Heart Disease	2,685	195.4
Stroke	369	26.9
Cancer - all	1,848	134.8
-lung	459	33.5
-breast	162	11.8

Mortality (con't)	Deaths	Rate/100K
Unintentional Injury	164	12
-motor vehicle	131	9.6
Homicide	123	8.9
Suicide	118	8.6
Diabetes	314	22.9

Environmental

Animals Inpounded	43,364	Number of Ozone Action Days	26
Animal Bites Reported	3,960	Rabies in Animals	12
Children w/ Blood Lead Levels >10 u/dl	755	Tons of Munincipal Solid Waste	336,328

Life Expectancy at Birth in Bexar County 1997



*Fertility is the number of live births/1000 women 15-44

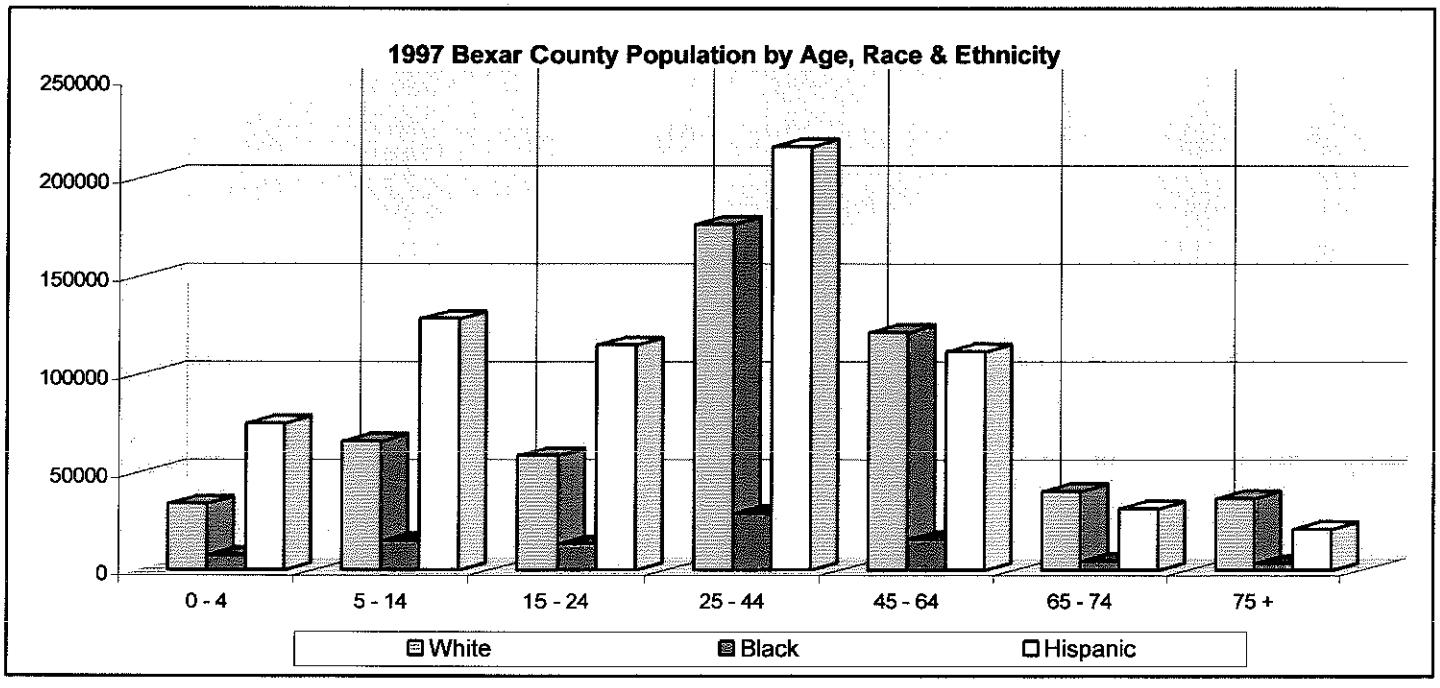
ESTIMATED POPULATION

City of San Antonio

Year	1991	1992	1993	1994	1995	1996	1997	*Pop. Increase by % (1991-1997)*
Hispanic	501,490	510,414	532,407	552,668	573,349	585,578	605,600	*17.20%*
White-Non Hispanic	389,994	396,933	414,037	429,793	445,877	455,387	462,499	*15.70%*
Black/Other	63,916	65,053	67,856	70,439	73,074	74,635	76,701	*16.70%*
TOTAL	955,400	972,400	1,014,300	1,052,900	1,092,300	1,115,600	1,144,800	*16.54%*

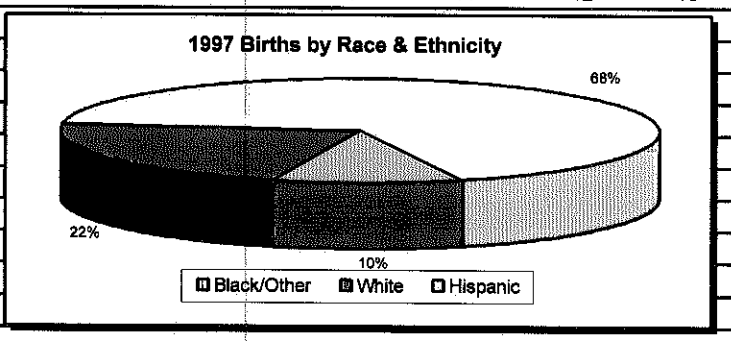
Bexar County

Year	1991	1992	1993	1994	1995	1996	1997	*Pop. Increase by % (1991-1997)*
Hispanic	637,281	647,306	659,379	673,026	687,882	703,838	725,312	*12.14%*
White-Non Hispanic	495,595	503,392	512,780	523,394	534,946	547,355	553,924	*10.47%*
Black/Other	81,223	82,501	84,040	85,799	87,672	89,706	91,864	*11.60%*
TOTAL	1,214,100	1,233,200	1,256,200	1,282,200	1,310,500	1,340,900	1,371,100	*11.45%*



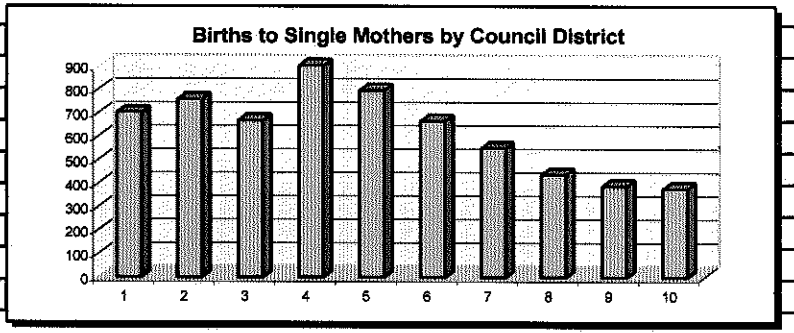
Births by Age of Mother and Birth Order

Mother	1	2	3	4	5	6	7	8	9	10	11	12	13+	Total
12	1													1
13	20													20
14	89	4												93
15	251	18	2											271
16	456	63	2											521
17	702	146	21											869
18	706	229	35	9	1									980
19	724	321	89	15	0									1149
20	635	411	122	36	6									1210
21	580	429	179	56	8	1								1253
22	527	437	230	64	23	0	1	1						1283
23	461	402	219	67	18	3	0	0	1	1				1172
24	412	449	242	73	26	9	1	0	0	0				1212
25	482	412	309	93	27	5	5	0	0	0				1333
26	472	444	260	100	36	10	3	1	0	0				1326
27	450	422	257	103	35	11	4	0	0	1				1283
28	380	424	241	75	38	15	6	1	0	1				1181
29	392	358	236	85	38	15	5	4	1	0				1134
30	291	311	196	94	35	18	7	2	1	0	1			956
31	237	346	196	89	23	17	7	2	0	2	1		1	921
32	222	302	184	88	31	15	9	3	4	0	0			858
33	184	263	175	89	33	13	6	2	0	1	0			766
34	184	225	162	88	22	10	2	3	1	1	0			698
35	143	170	140	68	32	15	2	1	0	0	0	1		572
36	90	156	122	66	26	17	6	8	2	1	0	1		495
37	75	124	104	72	21	12	1	0	1	1	0	0		411
38	59	87	65	40	16	8	7	2	1	0	0	1		286
39	38	48	48	31	18	4	1	3		2	0			193
40	32	32	34	18	16	7	5	2		0	0			146
41	18	29	19	18	13	4	3	0		1	0			105
42	7	10	11	8	4	2	0	2		0	1			45
43	3	13	10	6	4	2	2	1		1				42
44	4	1	3	0	2	1	0			0				11
45	0	2	2	2	3		1			1				11
46	0	1			0									1
46+	1				1									2
Total	**9,328**	**7,089**	**3,915**	**1,553**	**556**	**214**	**84**	**38**	**12**	**14**	**3**	**3**	**1**	**22,810**



Births to Single Mothers by Age and Birth Order

Mother	1	2	3	4	5	6	7	8	9	10	11	12	13+	Total
12	1													1
13	19													19
14	71	4												75
15	207	14	2											223
16	357	35	2											394
17	470	73	9											552
18	460	131	16	5	1									613
19	424	156	50	5	0									635
20	328	134	56	16	5									539
21	259	142	72	25	6	1								505
22	222	153	78	26	11	0		1						491
23	173	114	79	29	7	3		0						405
24	124	115	57	22	11	3	1	0						333
25	130	87	83	26	4	2	4	0						336
26	105	76	60	26	14	2	1	0						284
27	84	69	49	22	12	5	2	0						243
28	58	59	41	14	9	5	0	0						186
29	66	43	30	17	11	5	1	1	1					175
30	46	32	35	14	13	4	1	0	1		1			147
31	45	42	24	16	7	3	2	2		1				142
32	35	28	22	20	5	3	2	1		0				116
33	29	20	20	12	6	3	2	1		0				93
34	33	17	13	23	5	1	0	1		0				93
35	29	16	15	9	5	0	0	0		0				74
36	19	23	13	9	4	3	2	3		0		1		77
37	24	18	14	10	4	2	0	0		0				72
38	10	10	8	6	2	1	2	1		0				40
39	9	5	1	3	3	0	1	0		0				22
40	6	2	5	3	2	0	1	2		0				21
41	8	6	4	1	2	0	0	0		0				21
42	3	3	2	1	1	0	0	1		0				11
43	2	2	4	0	1	0	0			1				10
44	1		1	0	1	1	0							4
45+			1	1			1							3
Total	**3,857**	**1,629**	**866**	**361**	**152**	**47**	**23**	**14**	**2**	**2**	**1**	**1**	**0**	**6,955**



Maternal Health Indicators 1992 - 1997

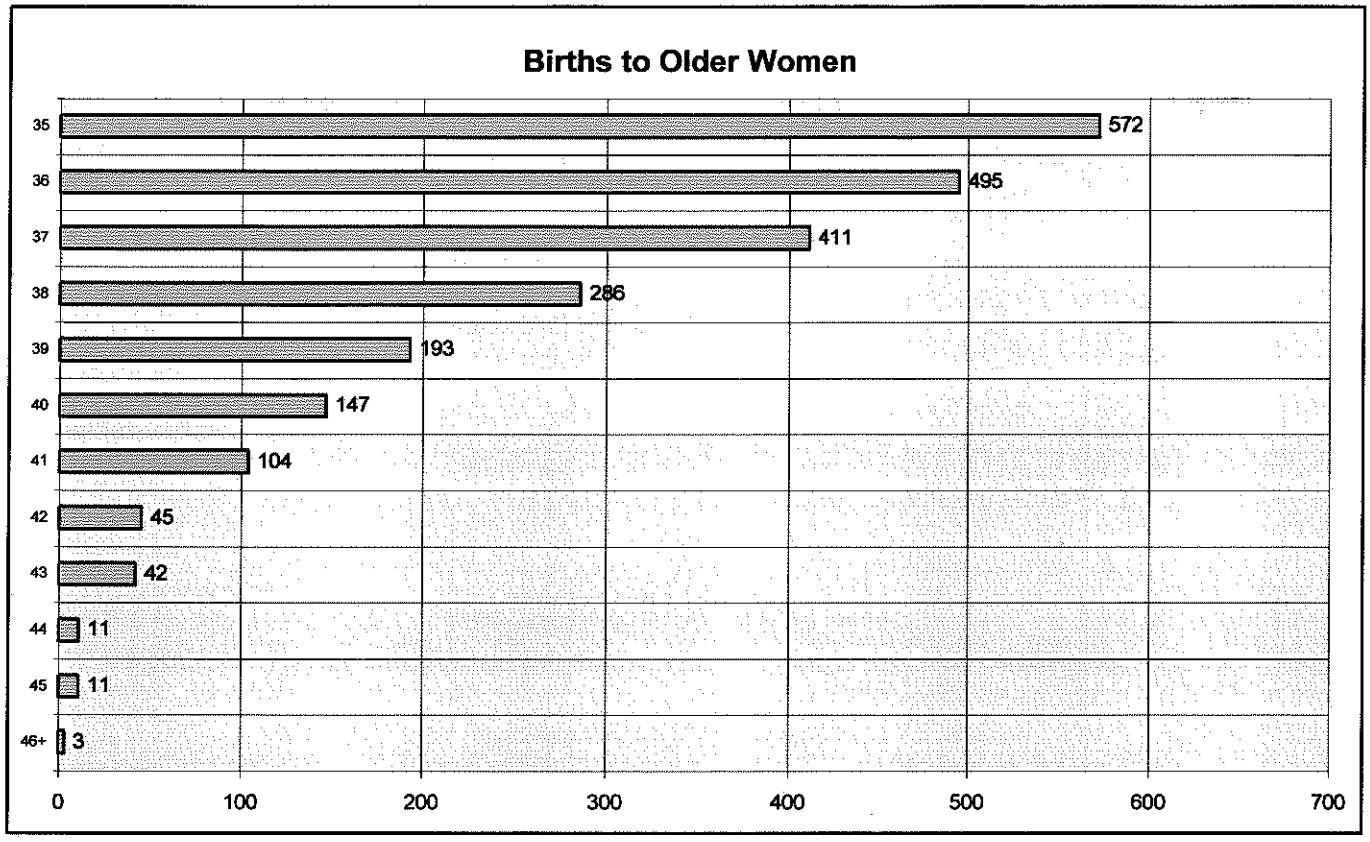
	1992	1993	1994	1995	1996	1997
Total Births	22,058	22,541	22,599	22,346	22,691	22,810
Births to Mothers 10 -17	1,497	1,611	1,751	1,746	1,696	1,775
Subsequent Births to Mothers 10 - 17	334	324	238	238	235	256
Births to Single Mothers	4,091	4,176	6,377	5,614	5,655	6,954
Receiving Late Prenatal Care	4,972	4,573	4,361	4,003	3,542	3,681
Low Birth Weight Deliveries	1,562	1,571	1,561	1,620	1,657	2,039
Infant Deaths	161	184	170	173	178	173

Hospital Birth Data 1997

Hospital	Total Births	Single Mother	Births to Mothers 10-17	Low Birth Wt.	Very Low Birth Wt.	Late Prenatal Care
Baptist Medical Center	2,135	756	236	181	63	634
Brooke Army Medical Center	7	3	1	1	1	4
Santa Rosa Northwest	622	266	91	37	19	161
Metropolitan Methodist Hospital	2,685	1,235	235	191	65	145
Nix Health Care System	578	271	61	37	19	115
N. Central Baptist Hospital	419	78	7	24	10	42
Northeast Baptist Hospital	1,938	456	66	122	46	704
Southeast Baptist Hospital	513	214	60	48	20	114
Santa Rosa Medical Center	2,492	1,063	384	413	133	681
Southwest General Hospital	1,115	612	164	96	50	271
Southwest Texas Methodist	3,920	654	72	332	89	285
University Hospital	2,915	604	265	377	132	647
Wilford Hall Medical Center	2,118	310	73	198	75	282
Methodist Women & Children's	4,343	1,086	215	336	122	370
Delivered at Home	63	17	1	9	9	24
Other Locations	6	4	0	2	0	4

Leading Causes of Infant Deaths 1997

Cause	Neonatal (0 - 27 days)	Infant (28 days - 1yr)	Total
Conditions Originating in the Perinatal Preiod	46	8	54
Congenital Abnormalities	22	10	32
Ill Defined Conditions	7	13	20
SIDS	3	13	16
All Accidents	5	7	12

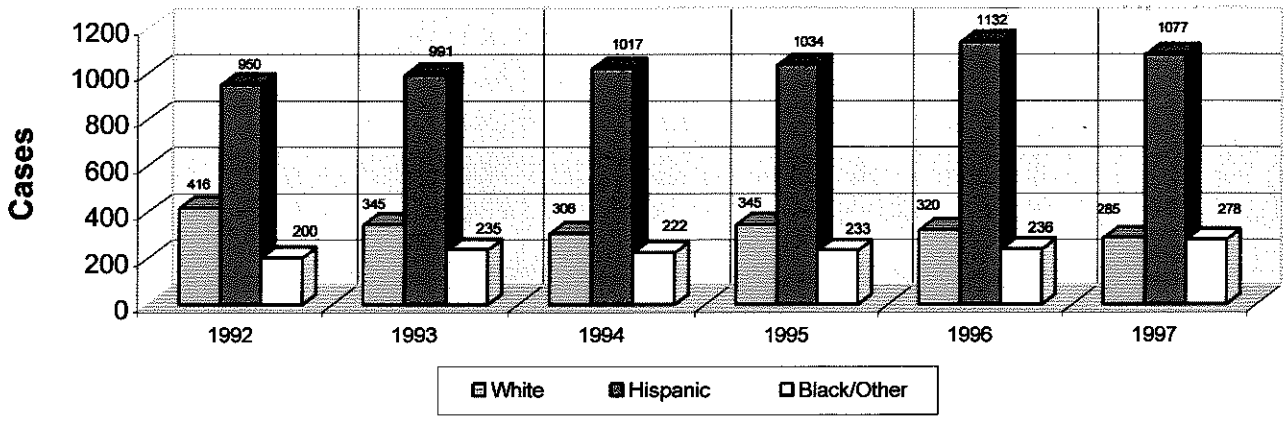


Multiple Births in Bexar County 1992-1997*

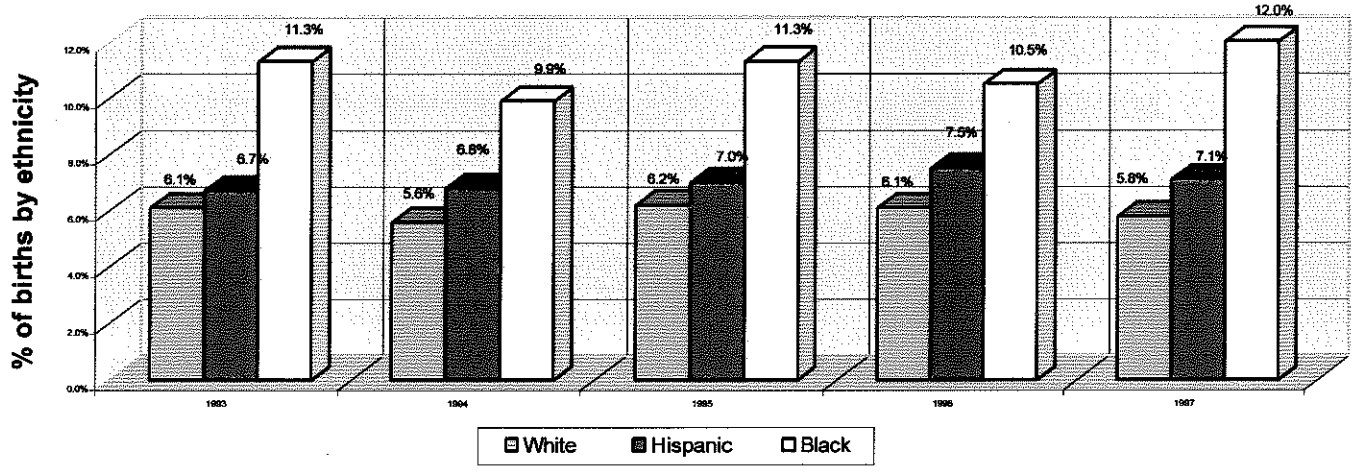
	Mother's Age	Single Birth	Twins	Triplets	Quads	Quints	Total
1997	10 - 16	882	21	3			906
	17 - 21	5374	87				5460
	22 - 26	6213	113				6326
	27 +	9842	260	15			10117
1996	10 - 16	898	6	3			907
	17 - 21	5296	70	3			5369
	22 - 26	6261	145	6			6412
	27 +	9761	284				10045
1995	10 - 16	985	14				999
	17 - 21	5209	56	3			5268
	22 - 26	6158	109				6267
	27 +	9575	230	9	4		9818
1994	10 - 16	949	8				957
	17 - 21	5403	76				5479
	22 - 26	6158	112	3			6273
	27 +	9638	244	11			9893
1993	10 - 16	859	11				870
	17 - 21	5545	73		1		5619
	22 - 26	6085	112	1			6198
	27 +	9604	215	12			9831
1992	10 - 16	774	6				780
	17 - 21	5490	84	3			5577
	22 - 26	5923	85	9			6017
	27 +	9451	231	10	3		9695

* All numbers indicate single live births in each category
(*e.g. 6 sets of triplets born in 1997*)

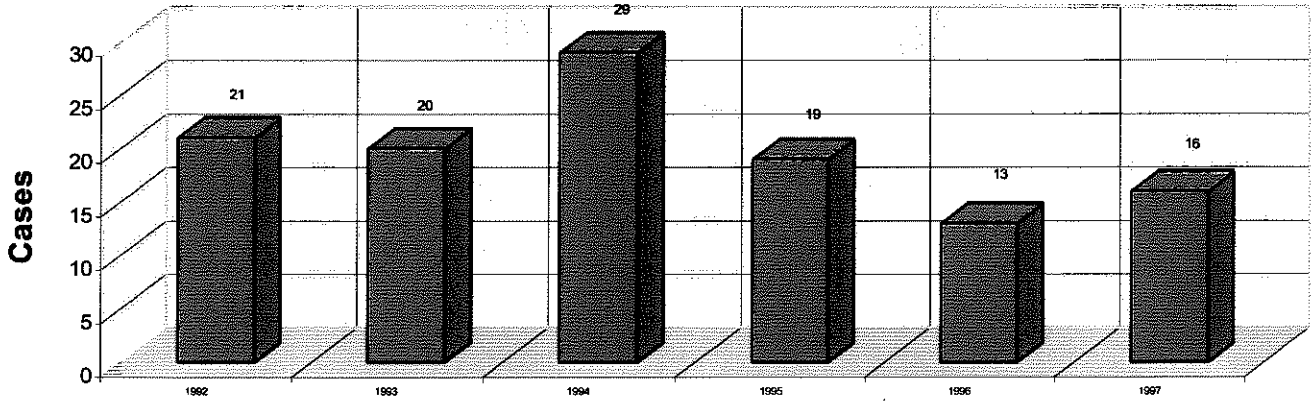
Low Birth Weight by Race & Ethnicity* 1992-1997



Low Birth Weight (%) by Race & Ethnicity* 1992-1997

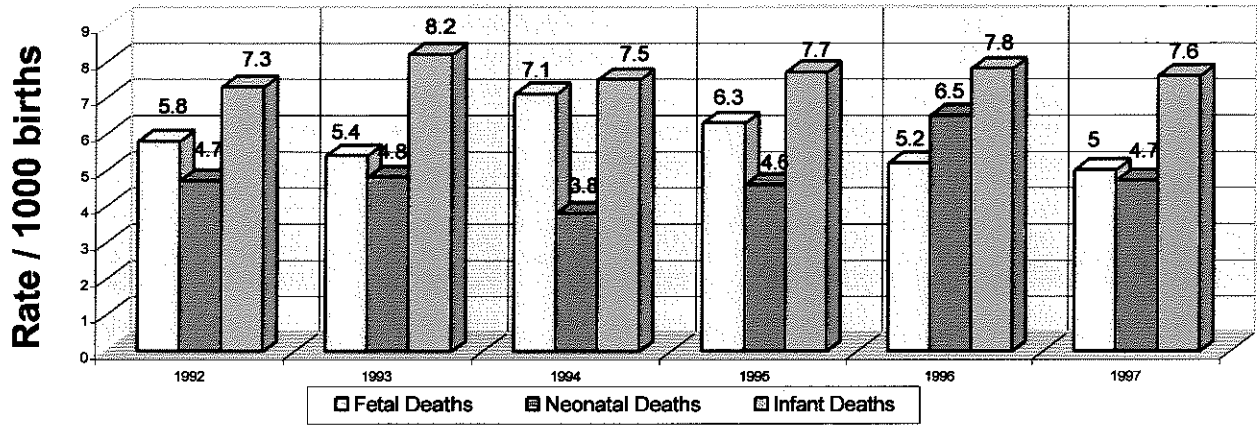


Sudden Infant Death Syndrome 1992-1997

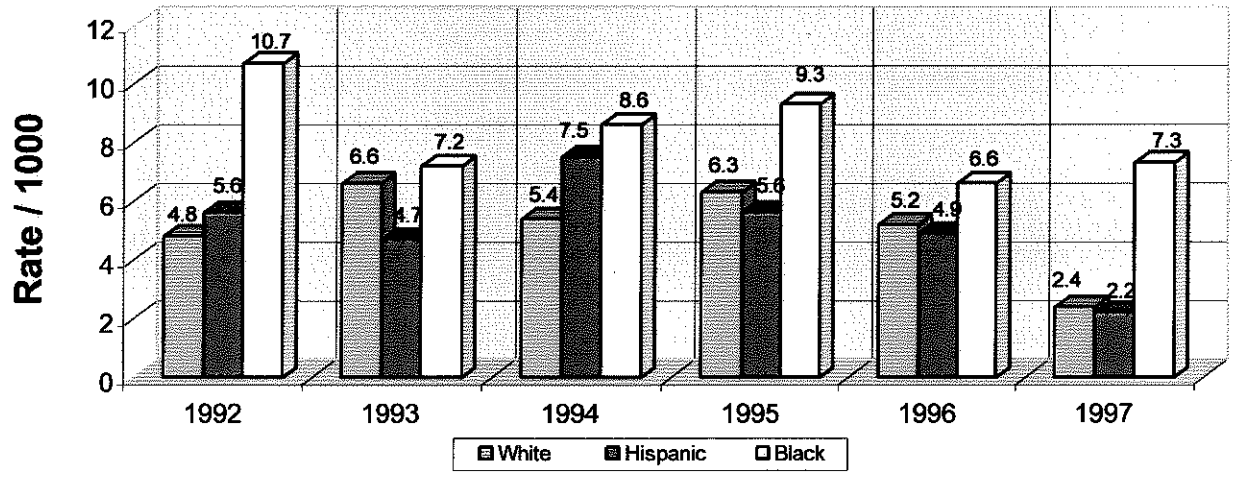


* see reference #2 in glossary

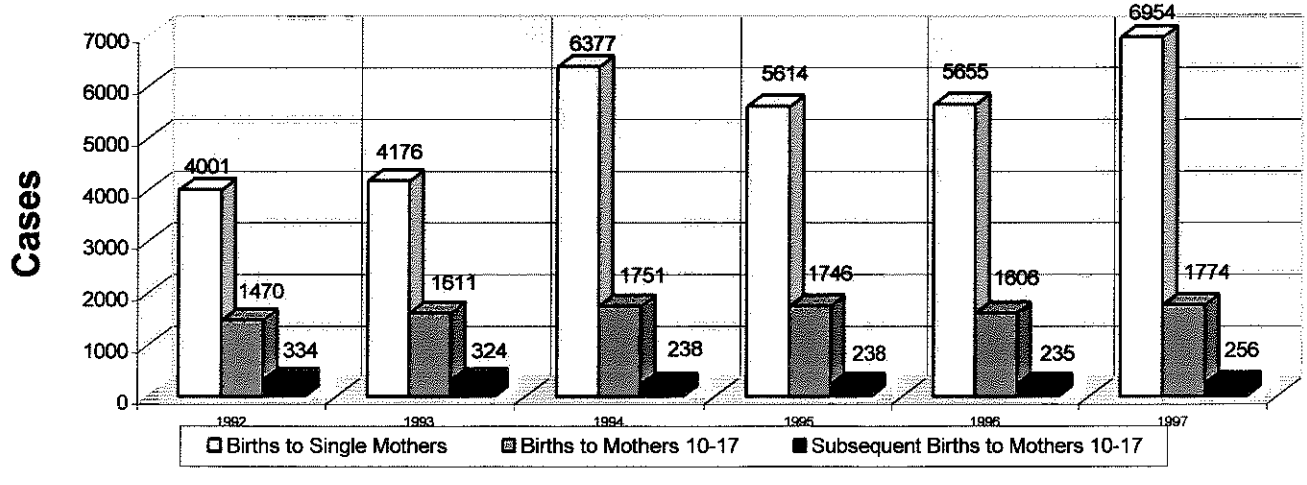
Fetal, Neonatal & Infant Death Rates 1992-1997



Fetal Death Rate by Race & Ethnicity 1992-1997

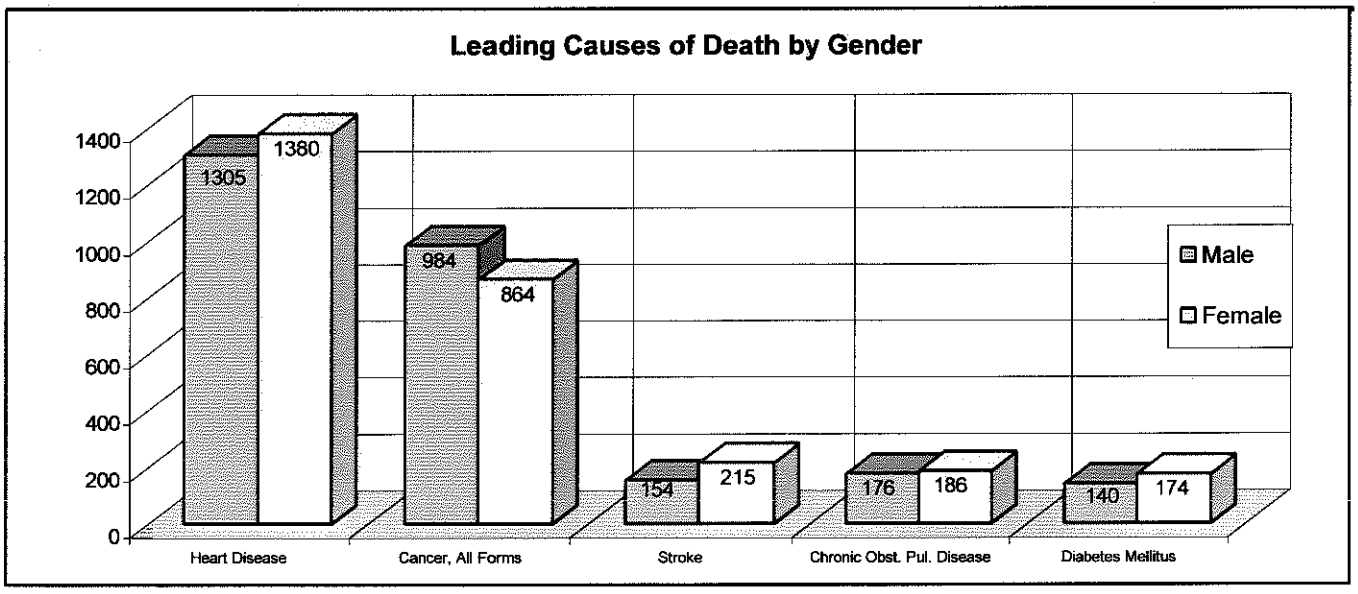


Maternal Birth Indicators 1992-1997



Leading Causes of Death (Bexar County)

Cause	1992	1993	1994	1995	1996	1997
Heart Disease	2,546	2,543	2,589	2,592	2,522	2,685
Cancer, All Forms	1,785	1,773	1,784	1,758	1,824	1,848
Stroke	303	344	330	420	359	369
Chronic Obstructive Pulmonary Disease (COPD)	343	371	381	366	335	362
Diabetes Mellitus	200	231	242	282	306	314
Accidents, All Causes	244	272	277	294	303	295
Hypertension & Hypertensive Renal Disease	157	247	236	228	276	291
Pneumonia	317	314	324	282	263	274
Renal Failure	170	245	230	176	154	182
Chronic Liver Disease	124	131	154	135	150	142
Homicide	267	255	213	157	133	123
Suicide	162	151	160	164	150	118
HIV / AIDS	169	154	188	176	157	90
Subtotal Leading Causes	6,787	7,031	7,108	7,030	6,932	7,003
Total Deaths All Causes	**8,441**	**8,743**	**8,808**	**8,792**	**8,826**	**9,115**



Leading Causes of Death by Age Group, 1997

Under 1 Year			1 - 4 Years		
Cause	*Number*	***Rate/1000***	*Cause*	*Number*	*Rate/100K*
Perinatal Cond.	54	2.3	Injury/Accidents	8	8.4
Congenital Abnorm.	32	1.4	Drowning	6	6.3
Ill Defined	18	.8	Ill Defined	5	5.2
SIDS	16	0.7	Congenital Abnorm.	2	2.1
Injury/Accident	8	.3	Septicemia	2	2.1
Heart Disease	7	.3	Malig. Neoplasm	1	1.5
TOTAL (all cases)	173		TOTAL (all cases)	33	

5 - 14 Years			15 - 24 Years		
Cause	*Number*	*Rate/100K*	*Cause*	*Number*	*Rate/100K*
Injury/Accident	9	4.3	Injury/Accidents	27	14.5
Heart Disease	3	1.4	Homicide	26	13.9
Malig. Neoplasm	2	1.0	Suicide	16	8.6
Congenital Abnorm.	2	1.0	Malig. Neoplasm	8	4.3
Homicide	2	1.0	Heart Disease	5	2.7
Suicide	2	1.0	HIV / AIDS	2	1.1
TOTAL (all causes)	29		TOTAL (all causes)	106	

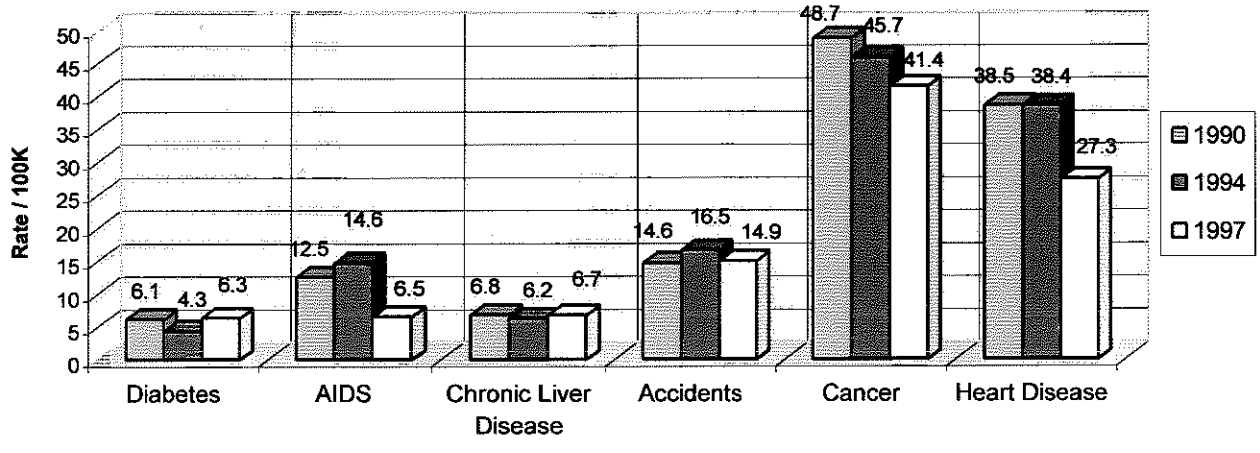
25 - 44 Years			45 - 64 Years		
Cause	*Number*	*Rate/100K*	*Cause*	*Number*	*Rate/100K*
Injury/Accidents	106	25.1	Malig. Neoplasm	468	188.4
Malig. Neoplasm	87	20.6	Heart Disease	369	148.5
Homicide	71	16.8	Diabetes Mellitus	76	30.6
HIV / AIDS	65	15.4	Chronic Liver	60	24.2
Heart Disease	52	12.3	Renal Failure	60	24.2
Suicide	39	9.2	Cerebrovascular	42	16.9
TOTAL (all causes)	648		TOTAL (all cases)	1606	

65 - 74 Years			75 + Years		
Cause	*Number*	*Rate/100K*	*Cause*	*Number*	*Rate/100K*
Heart Disease	547	716.5	Heart Disease	1,701	2795.1
Malig. Neoplasm	543	711.3	Malig. Neoplasm	737	1211.1
Diabetes Mellitus	98	128.4	Cerebrovascular	242	397.7
Chronic Obst. Pulm.	90	117.9	Chronic Obst. Pulm.	234	384.5
Cerebrovascular	69	90.4	Hypertension	191	313.9
Hypertension	54	70.7	Pneumonia/Influen.	158	259.6
TOTAL (all cases)	1879		TOTAL (all cases)	4640	

SPECIFIC CAUSE OF DEATH BY RACE & ETHNICITY 1997

	White	Hispanic	Blk/Oth	Bexar Co.	Rate/100K
Acute Myocardial Infarction	116	98	17	231	17.5
All Other Accidents & Adverse Effects	72	85	5	162	12.4
All other infectious & Parasitic Diseases	3	5	2	10	0.75
Anemias	14	8	4	26	2.0
Arteriosclerosis	76	67	16	159	12.0
Asthma	8	4	3	15	1.13
Benign Neoplasm Ca in Situ.	10	2	1	13	1.0
Bronchitis, Chronic & Unspecified	10	3	0	13	1.0
Cerebrovascular Diseases	189	138	42	369	28.0
Certain Cond. Orig. in Perinatal Period	11	33	10	54	4.1
Cholethiasis & Other Disorders of the Gallbladder	3	2	2	159	0.5
Chronic Liver Diseases & Cirrhosis	42	91	9	142	10.8
Congenial Abnormalities	16	30	2	48	3.6
Diabetes Mellitus	96	191	27	314	23.8
Diseases of the Endocardium (valve disease)	37	23	5	65	5.0
Diseases Pulmonary Circ. & Other forms of Heart Disease	659	422	167	1248	94.6
Emphysema	2	1	0	3	0.2
Essential Hypertension & Hypertensive Real Disease	142	110	39	291	22.0
Hernia of Abdominal Cavity & Other Intes., Periton Di	6	5	2	13	1.0
HIV/AIDS	42	38	10	90	6.8
Homicide & Injury Purposely Inflicted	22	82	19	123	9.3
Hypertensive Heart Disease	40	20	17	77	5.8
Malignant Cancer & Lymphoma	1072	594	182	1848	140.0
Meningitis	0	3	0	3	0.2
Motor Vehicle Accidents	50	38	10	98	6.8
Nutritional Deficiencies	20	6	1	27	2.0
Old Myocardial Infarction & Other Chronic Isch. Heart Disease	538	367	61	966	73.2
Other Acute & Subacute Forms of Ischaemic Heart Disease	0	1	1	2	0.2
Other Chronic Obstructive Pulmonary Disease	263	79	20	362	27.4
Other Diseases of Arteries, Arterioles & Capillaries	53	31	5	89	6.9
Pneumonia	165	97	12	274	20.8
Renal Failure, Acute & Chronic	57	115	10	182	13.8
Septicemia	66	65	16	147	11.1
Suicide & Self Inflicted Injury	72	35	11	118	9.0
Symptoms, Signs & Ill Defined Conditions	121	124	33	278	21.1
Ulcer of Stomach & Duodenum	10	5	1	16	1.2
Total Deaths (All Causes)	**4772**	**3509**	**834**	**9115**	**690.6**

Premature Death by Selected Causes* 1990, 1994 & 1997



* deaths age 0-65

SELECTED NOTIFIABLE COMMUNICABLE DISEASES

Vaccine Preventable Diseases	Bexar Co. 1995 *Confirmed Cases*	Bexar Co. 1996 *Confirmed Cases*	Bexar Co. 1997 *Confirmed Cases*	Benchmark (Texas 1996) *Confirmed Cases*
Measles	10	0	0	49
Mumps	1	2	2	44
Rubella	1	0	0	8
Tetanus	0	0	1	3
Pertussis	35	13	40	151
Polio	1*	0	0	0
Chicken Pox**	906	301	850	20,332

* Vaccine induced transmission

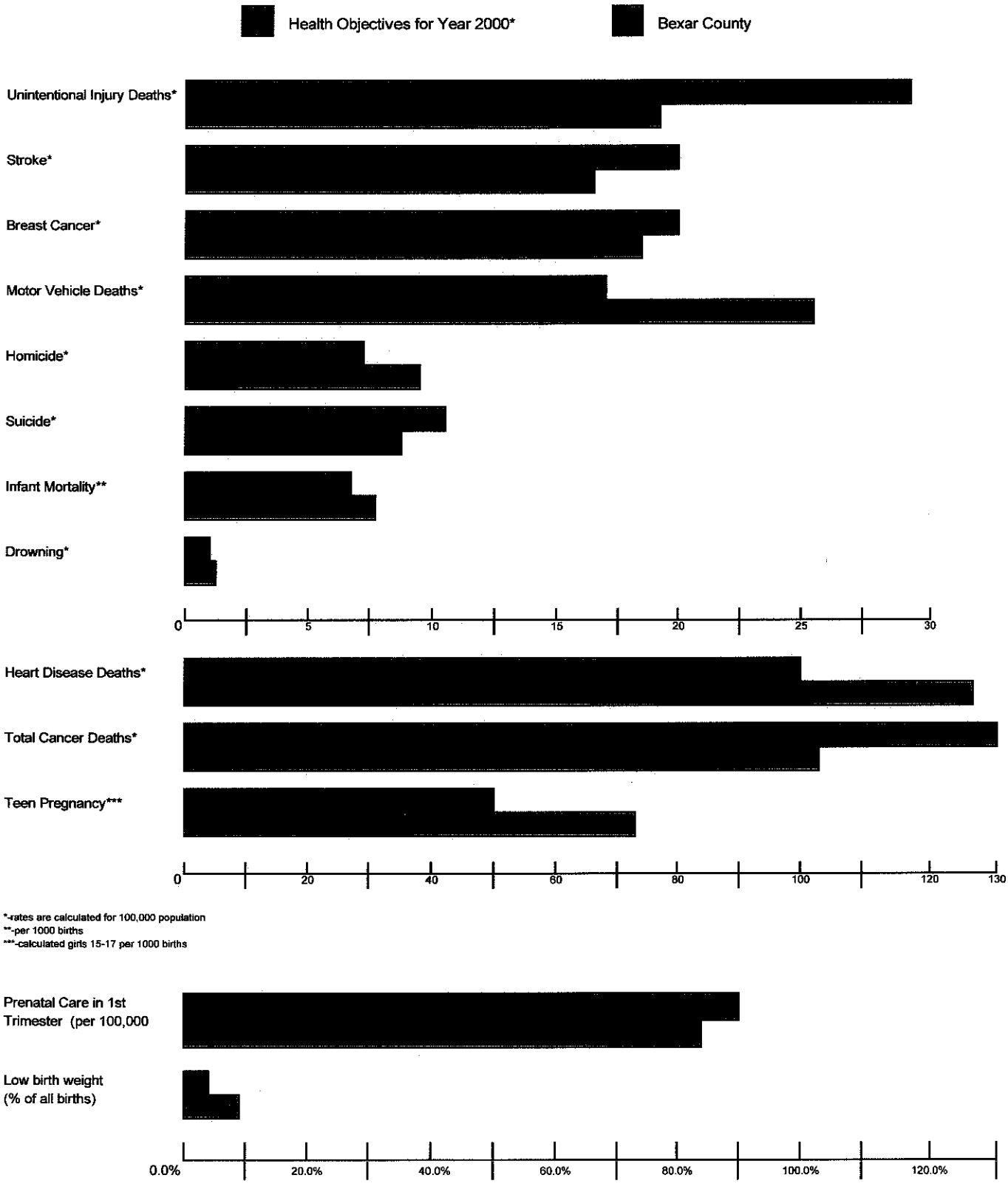
**Figures may not reflect actual cases due to passive reporting methodologies

Sexually Transmitted Diseases	Bexar Co. 1995 *rate/100 K (total cases)*	Bexar Co. 1996 *rate/100 K (total cases)*	Bexar Co. 1997 *rate/100 K (total cases)*	Benchmark (Texas 1996) *rate/100 K (total cases)*
Chlamydia	337.7 (4425)	323.5 (4338)	375.3 (4953)	226.7(43,003)
Gonorrhea	151.2 (1982)	100.5 (1348)	136.1 (1797)	127.2(23,124)
Syphilis	33.0 (432)	28.2 (378)	30.6 (404)	4.7(890)
AIDS	31.0 (406)	30.1 (403)	23.4 (309)	26.0(*)

Other Notifiable Diseases	Bexar Co. 1995 *rate/100 K*	*(total cases)*	Bexar Co. 1996 *rate/100 K*	*(total cases)*	Bexar Co. 1997 *rate/100 K*	*(total cases)*	Benchmark (Texas 1996) *rate/100 K*	*(total cases)*
Amebiasis	0.2	(2)	0.2	(3)	0.0	(0)	0.7	(130)
Brucellosis	0.0	(0)	0.0	(0)	0.3	(4)	0.1	(23)
Campylobacter	9.0	(116)	8.9	(119)	7.9	(105)	4.7	(897)
Cholera	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)
Dengue	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(5)
Encephalitis	0.1	(1)	0.0	(0)	0.0	(0)	0.2	(31)
Escherichia coli 0157:H7	0.0	(0)	0.0	(0)	0.2	(2)	0.3	(53)
Hansen's Disease	0.2	(2)	0.0	(0)	0.0	(0)	0.2	(29)
Hantavirus Infections	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(3)
Hemolytic Uremic Syndrome	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(7)
Hepatitis A	11.4	(147)	26.4	(354)	33.1	(437)	18.2	(3,460)
Hepatitis B	6.1	(78)	9.5	(127)	7.6	(100)	6.6	(1,258)
Hepatitis C	1.3	(17)	1.0	(13)	0.76	(10)	1.1	(205)
Hepatitis D	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(3)
Hepatitis Unspecified	0.0	(0)	0.0	(0)	0.0	(0)	0.2	40)
Legionellosis	0.0	(0)	0.0	(0)	0.76	(10)	0.2	(32)
Listerosis	0.4	(5)	0.0	(0)	0.5	(7)	0.2	(47)
Lyme Disease	0.0	(0)	0.0	(0)	0.1	(1)	0.5	(97)
Malaria	0.2	(3)	0.0	(0)	0.5	(6)	0.7	(141)
Meningitis (Viral)	8.0	(103)	9.7	(130)	8.8	(116)	4.9	927)
Meningitis (Bacterial)	2.0	(26)	0.7	(9)	1.9	(25)	2.7	(510)
Meningococcal Infections	0.9	(11)	1.0	(13)	1.0	(13)	1.1	218)
Rabies in Animals	-	(37)	-	(8)	-	(12)		-
Relapsing Fever	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(1)
Rocky Mountain Spotted Fever	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)
Salmonellosis	15.3	(197)	18.0	(241)	11.6	(153)	14.8	(2,800)
Shingllosis	23.1	(297)	31.4	(421)	26.6	(351)	14.5	(2,757)
Strep (Gp A) Invasive	1.0	(13)	0.0	(0)	1.3	(17)	0.3	(65)
Tuberculosis	9.8	(128)	9.2	(123)	7.7	(101)	11.1	(2,103)
Typhoid Fever	0.1	(1)	0.0	(0)	0.0	(0)	0.1	(17)
Typhus, Murine	0.0	(0)	0.0	(0)	0.0	(0)	0.2	41)
Vibrio Infections	0.0	(0)	0.0	(0)	0.0	(0)	0.1	(24)

* Not available

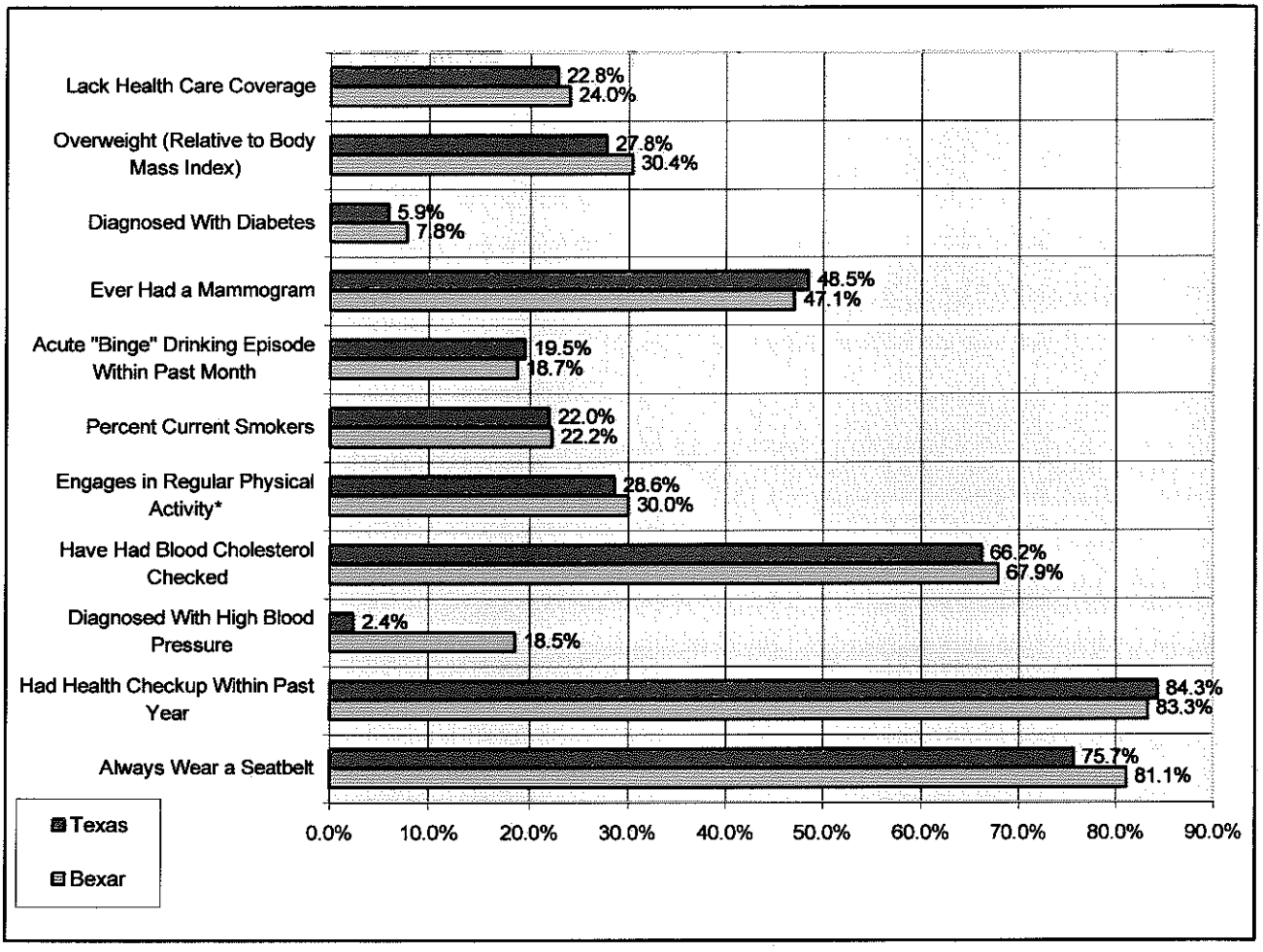
Bexar County Population Health Benchmarks 1997



*-rates are calculated for 100,000 population
**-per 1000 births
***-calculated girls 15-17 per 1000 births

* National Objectives by the U.S. Public Health Service

Behavioral Risk Factor Surveillance 1997



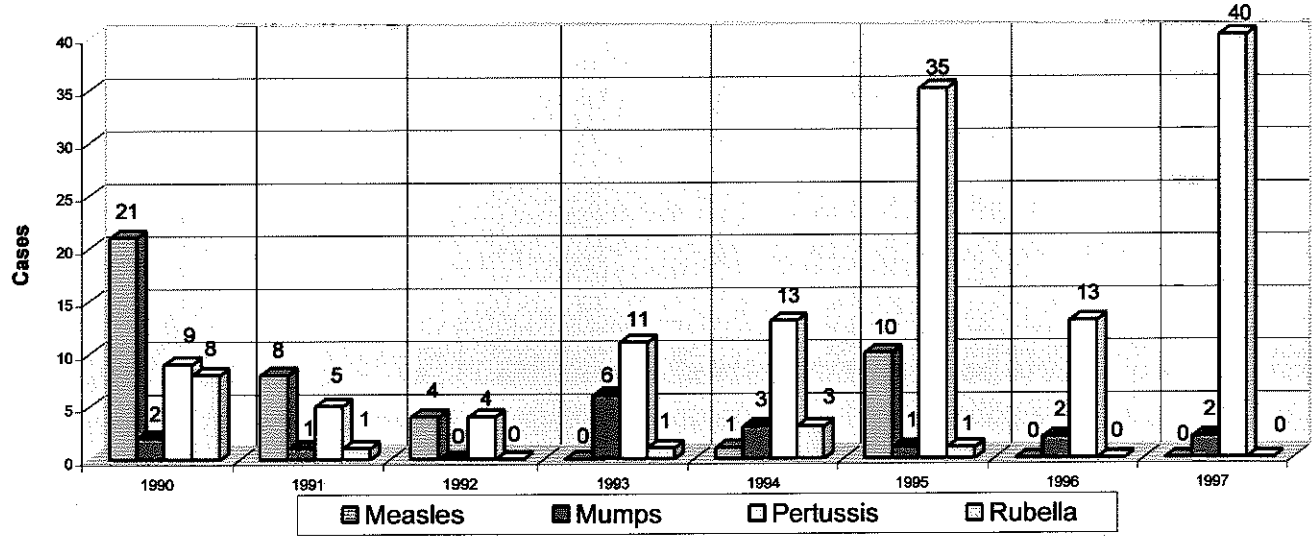
*Behavioral Risk Factor Surveillance Survey (BRFSS) is a random telephone survey of 807 Bexar County Residents 18 and older conducted annually.

Environmental Health Indicators 1997

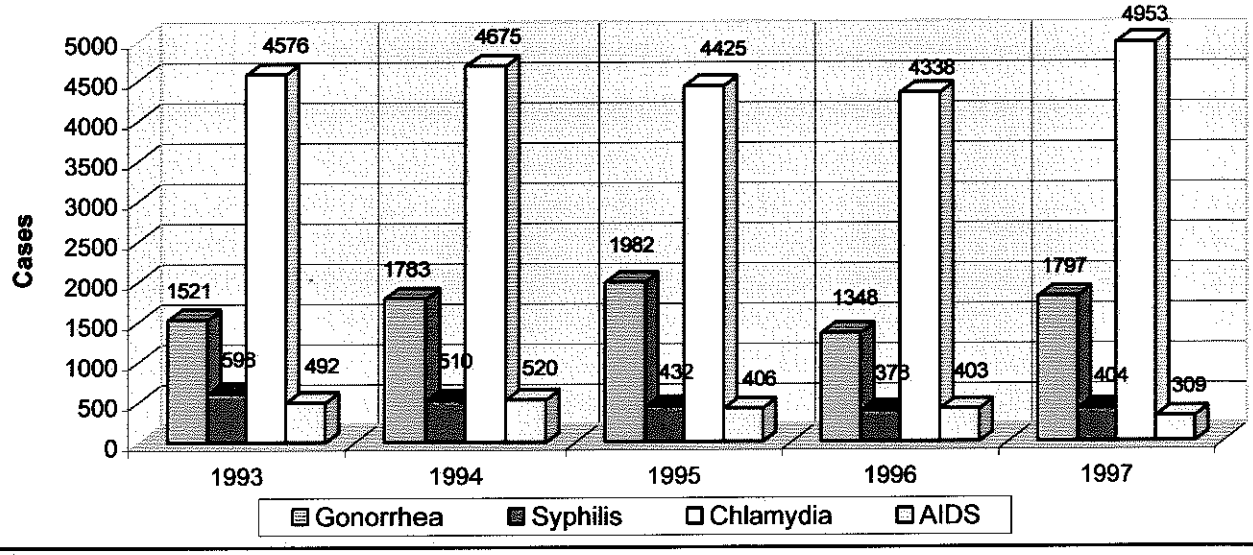
	1995	1996	1997
Animal Bites (reported and substantiated)	3,825	3,794	3,960
Animals Impounded	48,384	52,816	43,364
Homes Tested for Lead Based Paint	53	73	47
Children with Blood Lead Levels >10 u/dl	435	1,204	755
Rabies in Animals*	37	17	12
Number of Ozone Action Days	34	14	26
Heat / Cold Exposure Related Illness EMS Calls	177	188	146
Number of TNRCC Hazardous Waste Cleanup Sites	2	8	17
Tons of Municipal Solid Waste Discarded	307,000	294,000	336,328

* Confirmed Cases

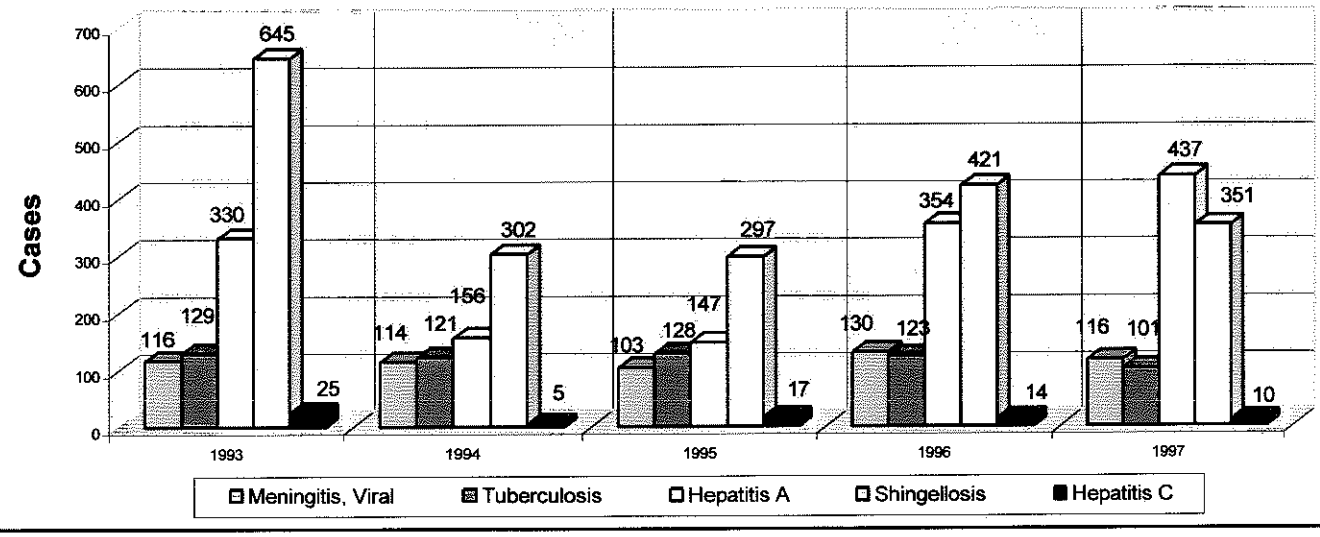
Vaccine Preventable Diseases 1990-1997



Sexually Transmitted Diseases 1993-1997



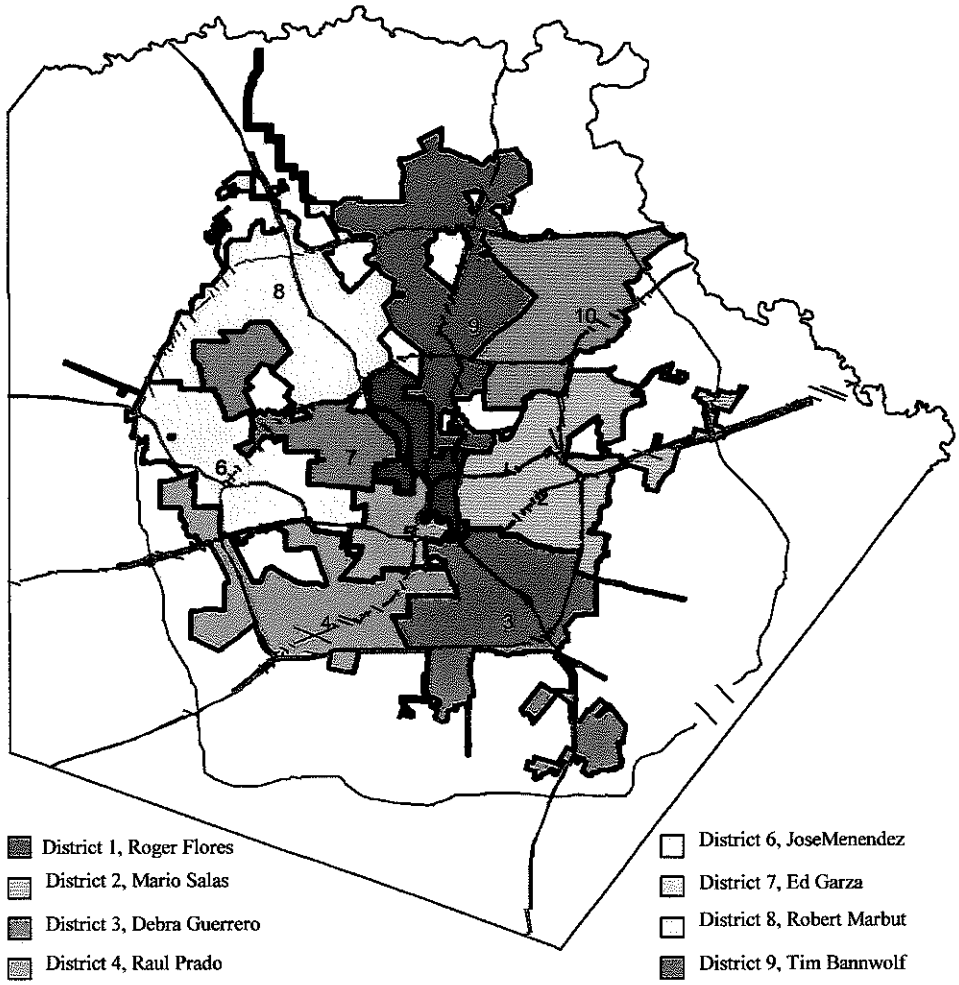
Other Selected Notifiable Diseases 1993-1997



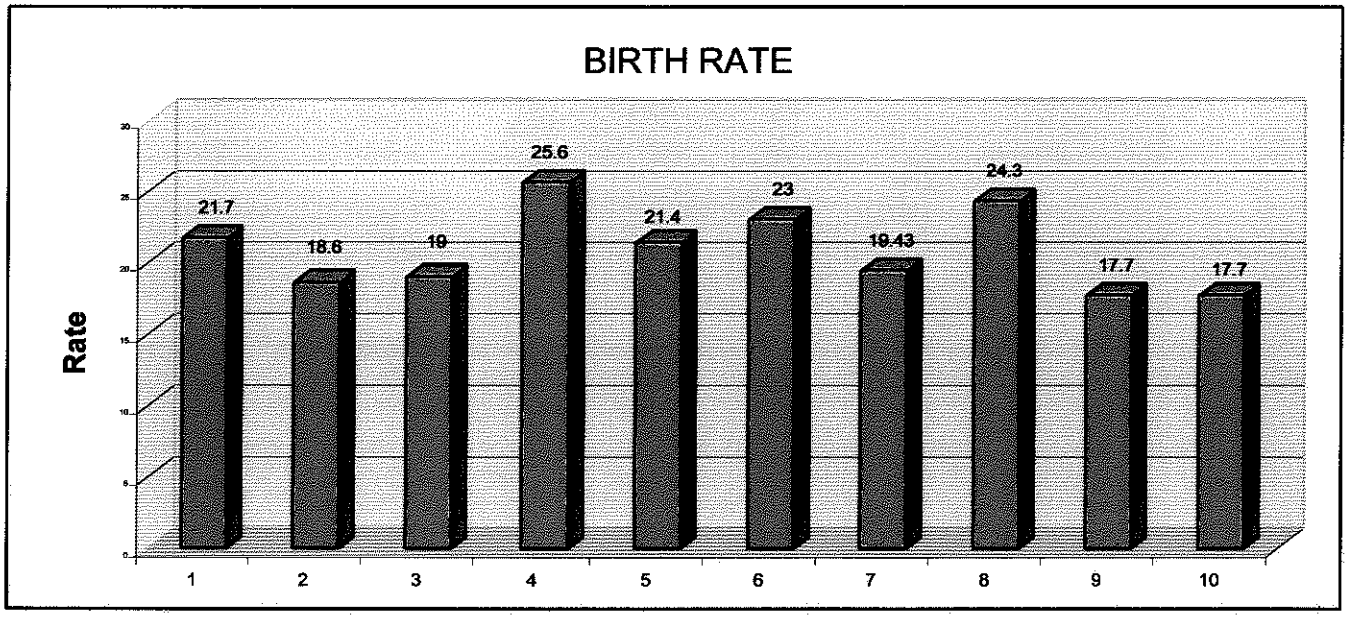
1997 Health Summary by Council District

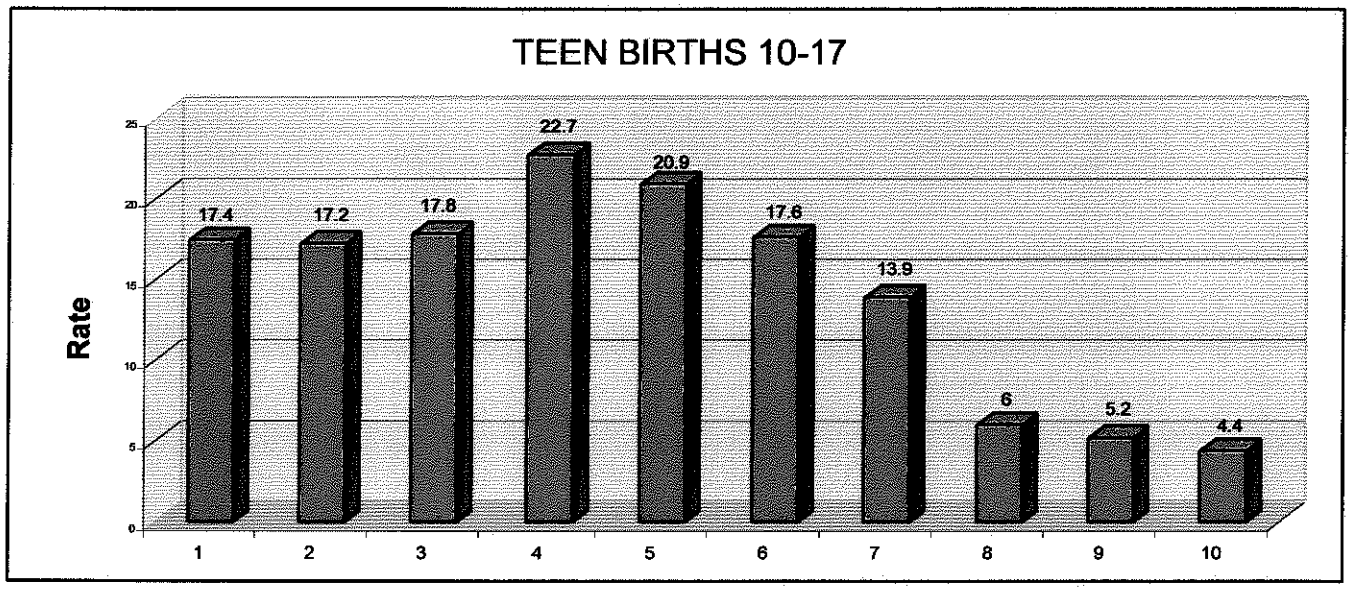
COUNCIL	TOTAL BIRTHS	TEEN BIRTHS 10-17	LATE PRE-NATAL CARE	LOW BIRTH WEIGHT	BIRTHS TO SINGLE MOTHER	INFANT DEATHS	TOTAL DEATHS	CANCER	DIABET-MELIT	HEART & CV	ACCIDENTS	SUICIDES	HOMICIDES
1	2,047	200	396	173	701	15	981	167	28	337	35	8	22
2	1,681	190	391	199	756	17	953	186	26	351	20	8	21
3	1,756	201	328	173	667	13	790	157	41	279	23	10	9
4	2,327	252	430	231	900	23	731	133	38	232	40	7	16
5	1,918	228	423	173	794	12	754	127	34	259	24	5	12
6	2,191	204	372	186	664	19	531	105	25	171	21	7	5
7	1,880	164	301	162	551	12	824	176	29	282	24	7	4
8	2,325	70	221	187	436	15	698	150	20	232	21	17	8
9	1,692	61	210	145	387	6	810	161	25	273	29	14	4
10	1,696	51	190	126	376	13	670	163	13	218	18	9	6
San Antonio	19,513	1,621	3,262	1,755	6,232	145	7,742	1,525	279	2,634	255	92	107

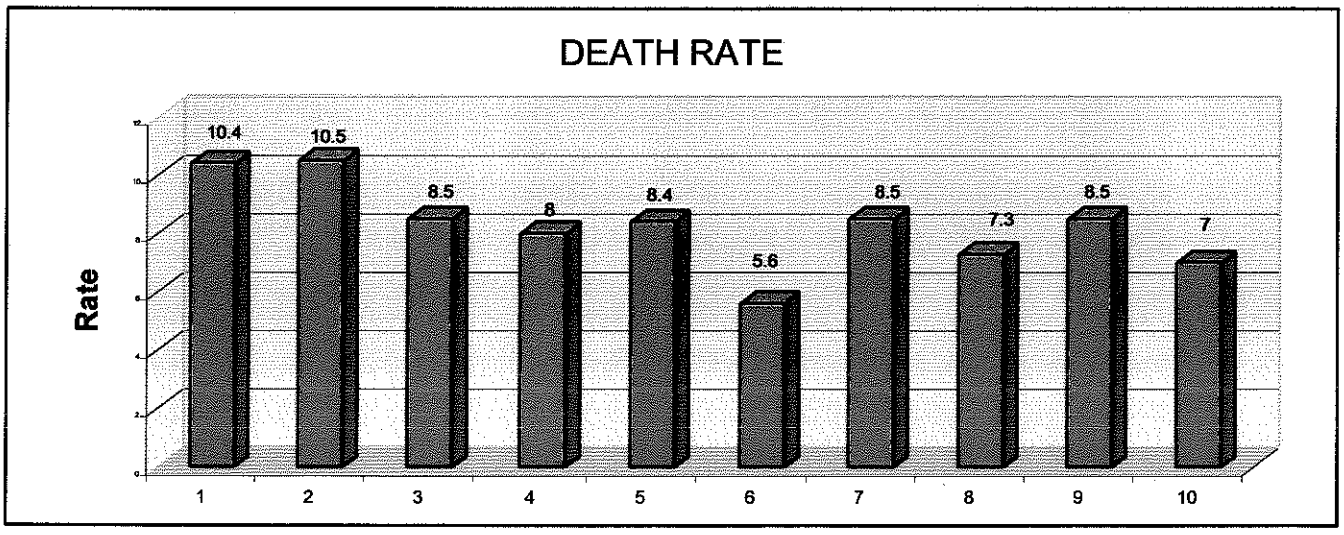
Council Districts



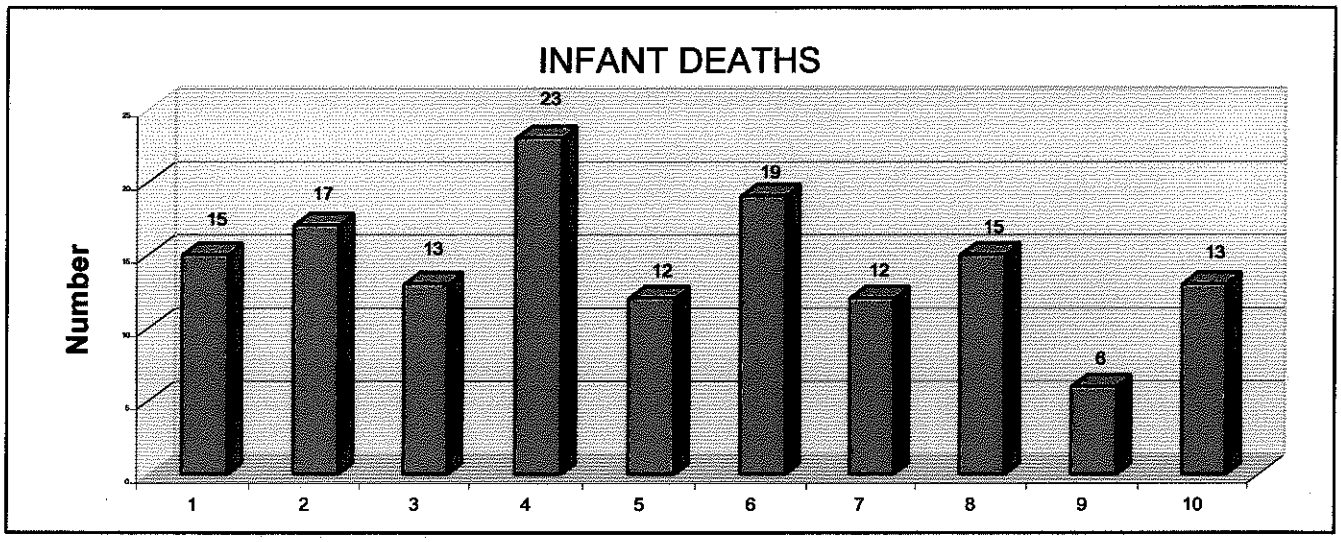
Health Summary by Council Districts

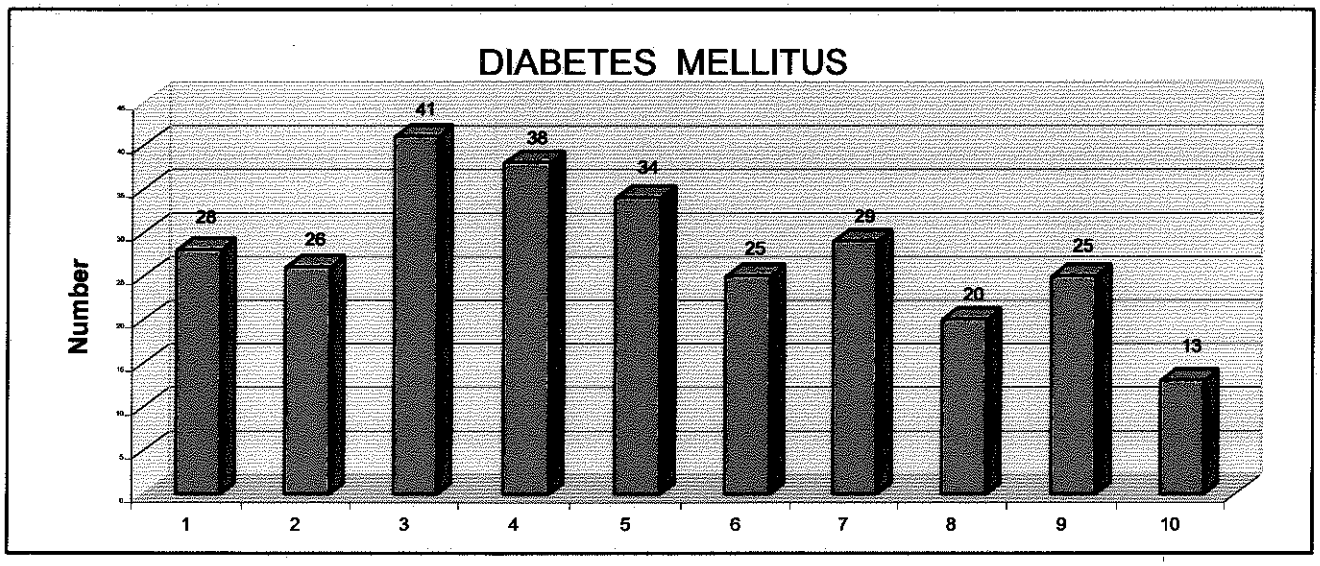


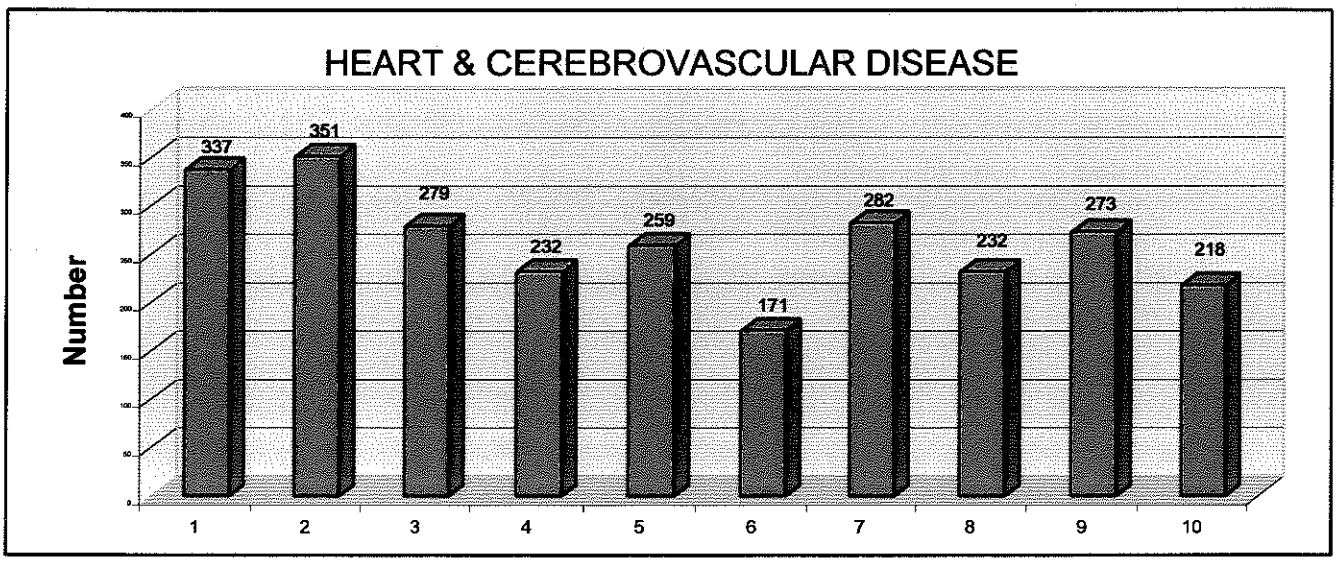




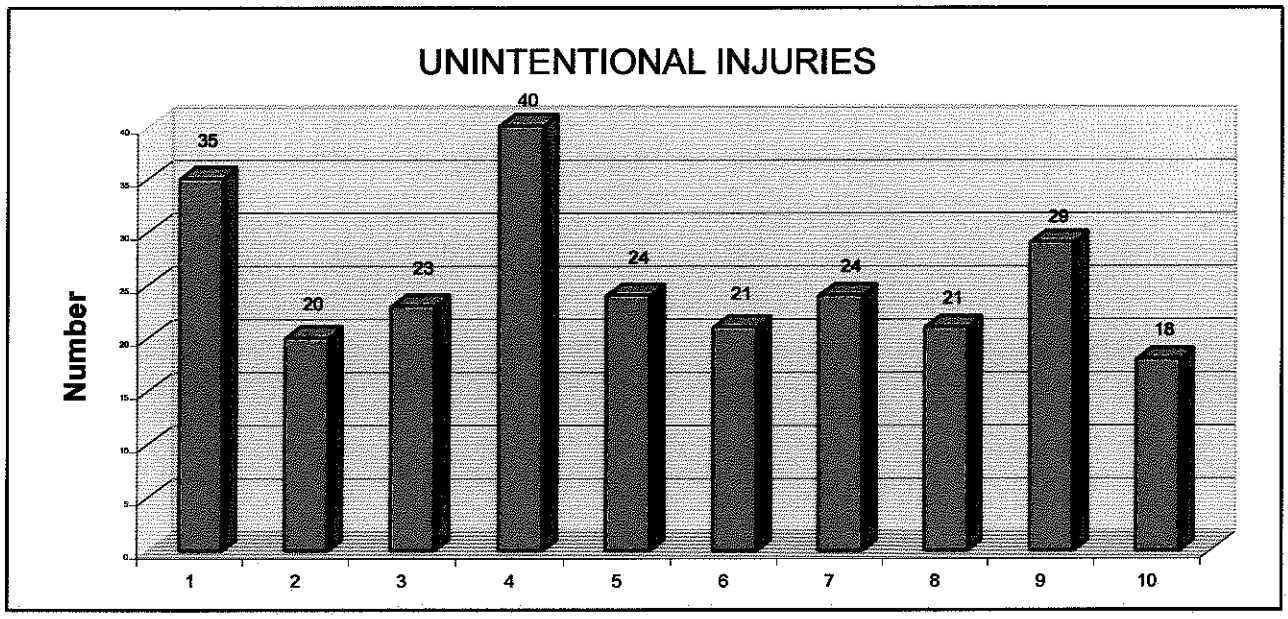
Health Summary by Council Districts

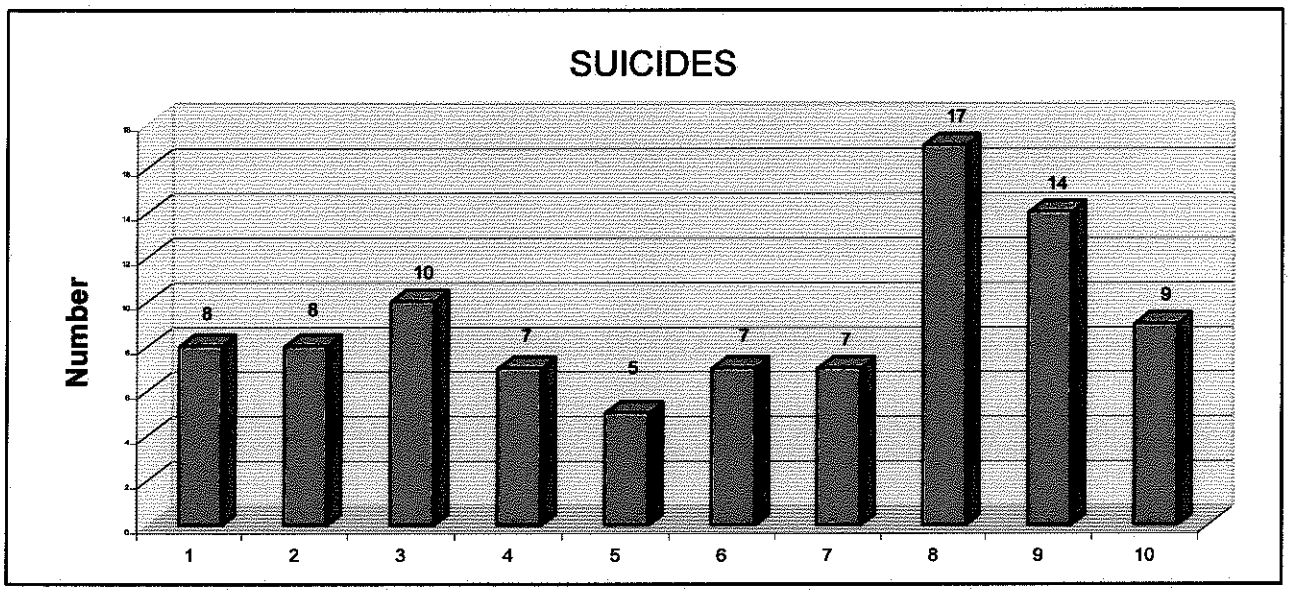


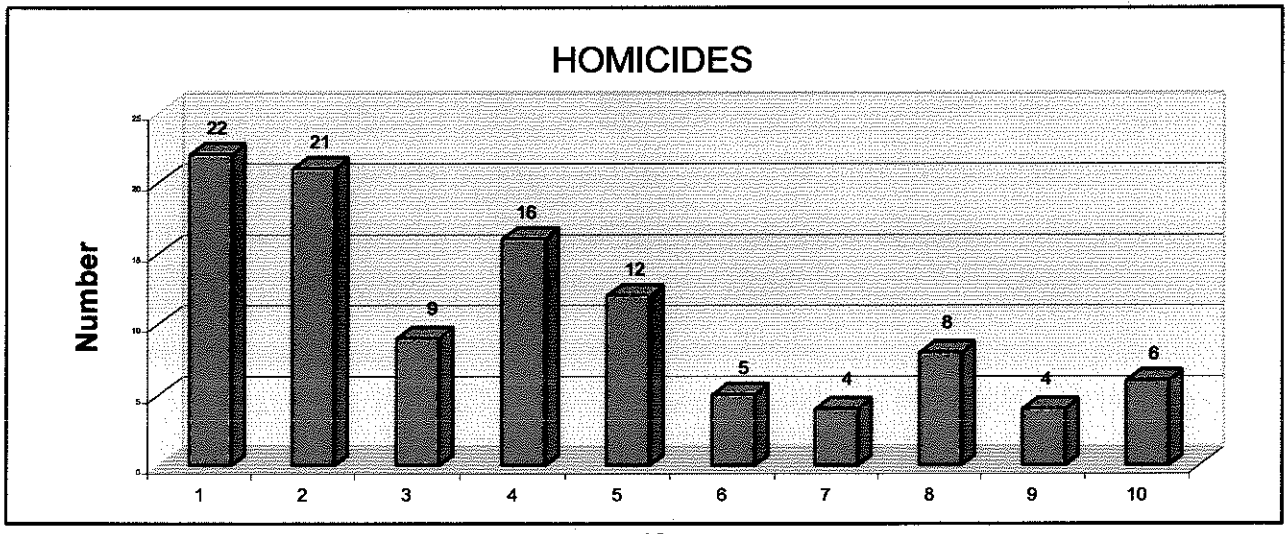




Health Summary by Council Districts







1997 Health Summary By Census Tract

CENSUS	TOTAL BIRTHS	TEEN BIRTHS 10-17	LATE PRE-NATAL CARE	LOW BIRTH WEIGHT	BIRTHS TO SINGLE MOTHER	INFANT DEATHS	TOTAL DEATHS	CANCER	DIABET-MELIT	HEART & CV	ACCIDENTS	SUICIDES	HOMICIDE
1101	163	13	29	12	56	0	41	7	2	11	2	0	1
1102	13	0	3	1	8	0	13	0	0	7	0	0	1
1103	132	14	35	16	73	2	53	4	4	13	1	0	3
1104	11	0	2	0	0	0	14	4	0	4	0	0	0
1105	115	17	44	11	68	2	26	3	3	9	1	0	1
1106	87	9	24	7	34	0	43	12	1	12	2	0	1
1107	50	7	8	4	19	0	26	3	0	14	1	0	0
1108	48	4	10	3	21	1	46	6	2	17	0	0	1
1109	18	2	1	3	8	0	9	1	0	2	1	0	0
1110	58	4	17	7	25	1	38	6	1	11	0	0	2
***11---	695	70	173	64	312	6	309	46	13	100	8	0	10
1201	52	1				1	8	3	0	0	1	0	0
1202	108	7	24	14	45	0	73	16	1	30	2	2	1
1203	67	0	0	0	1	0	61	9	1	24	0	0	0
1204	51	0	0	0	0	0	59	14	2	19	0	0	0
1205	203	13	46	14	77	1	128	26	2	41	6	2	2
1206	90	2	14	9	22	1	80	15	2	28	1	2	1
1207	108	3	13	9	28	1	136	29	7	39	7	2	0
1208	83	2	7	5	13	0	71	18	2	28	0	0	0
1209	114	2	14	10	22	0	70	20	1	23	1	0	0
1210	87	5	11	12	32	2	51	9	3	21	1	1	0
1211	808	17	60	53	106	4	240	61	6	46	8	2	1
1212	347	12	54	27	97	2	122	30	1	27	4	1	3
1213	34	0	1	0	4	0	57	15	0	11	0	0	0
1214	197	15	37	26	95	2	78	15	3	21	2	1	2
1215	444	32	1	2	8	6	207	52	4	63	5	5	3
1216	194	9	0	2	0	1	74	21	2	21	2	3	2
1217	99	3	0	0	0	1	52	10	0	14	2	0	0
1218	441	13	37	29	78	4	96	25	2	30	5	1	1
1219	108	1	2	3	5	1	30	4	1	11	1	0	0
***12---	3,635	137	321	215	633	27	1,693	392	40	497	48	22	16

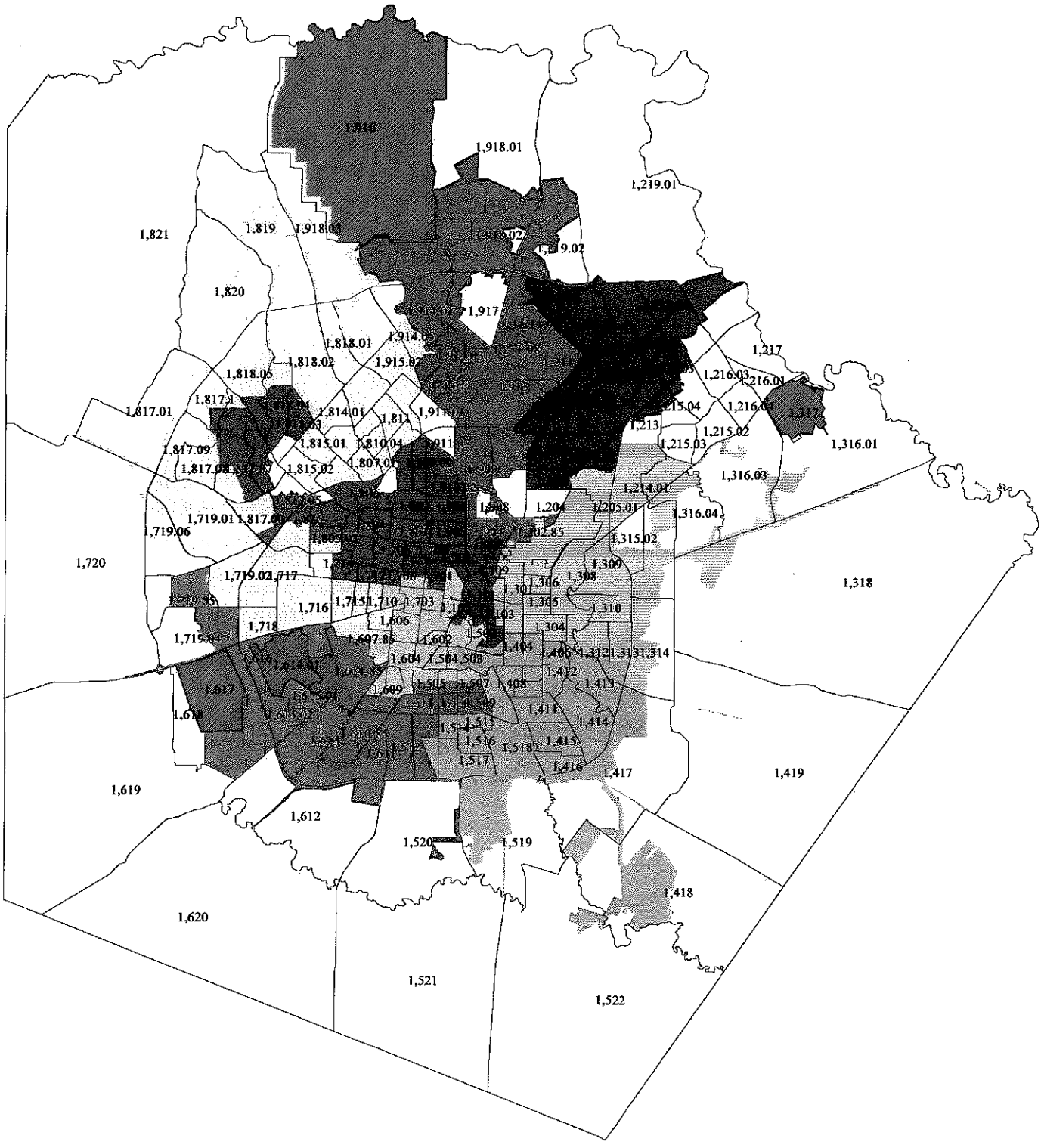
CENSUS	TOTAL BIRTHS	TEEN BIRTHS 10-17	LATE PRE-NATAL CARE	LOW BIRTH WEIGHT	BIRTHS TO SINGLE MOTHER	INFANT DEATHS	TOTAL DEATHS	CANCER	DIABET-MELIT	HEART & CV	ACCIDENTS	SUICIDES	HOMICIDE
1301	89	14	23	11	37	1	45	4	0	23	0	0	1
1302	44	8	12	6	23	0	23	1	3	9	0	0	2
1303	82	8	22	10	29	0	45	9	1	26	0	0	1
1304	171	20	34	22	70	0	84	17	1	46	1	2	2
1305	78	14	20	8	33	1	54	9	2	26	0	0	1
1306	116	18	30	17	66	1	87	16	2	39	2	0	3
1307	62	10	28	4	26	0	28	5	2	6	0	0	0
1308	71	8	18	11	43	0	56	16	1	19	0	0	0
1309	66	7	15	10	31	0	31	8	1	11	2	0	2
1310	81	8	19	12	50	2	79	16	4	27	0	0	2
1311	47	8	13	7	28	1	34	8	1	13	3	0	0
1312	41	4	12	3	15	0	31	6	1	13	0	1	0
1313	61	5	16	8	28	0	48	11	0	21	1	0	1
1314	102	11	14	9	36	3	39	11	0	9	2	0	0
1315	275	21	24	11	48	3	86	17	2	23	5	2	2
1316	324	17	5	5	3	3	90	19	4	28	6	3	1
1317	89	0	0	0	0								
1318	103	4	4	2	3	0	62	17	2	27	1	0	0
***13—	1,902	185	309	156	569	14	725	159	22	262	22	6	12
1401	34	2	12	6	12	2	18	4	0	4	0	0	0
1402	65	13	15	4	32	0	29	8	2	6	2	0	0
1403	99	12	20	9	38	0	33	8	4	5	1	1	2
1404	75	13	13	6	30	1	39	3	5	18	0	0	2
1405	52	6	11	5	17	0	44	6	2	20	0	1	1
1406	44	8	10	8	17	0	18	4	1	6	1	0	0
1407	73	3	15	3	25	0	48	4	2	23	0	0	1
1408	102	10	18	6	41	1	60	13	2	22	2	2	0
1409	35	2	8	3	14	1	13	1	0	7	0	0	0
1410	62	9	11	6	26	0	23	7	0	8	0	0	0
1411	124	9	20	18	42	0	32	8	1	14	2	2	0
1412	131	11	26	15	62	3	77	18	2	17	2	0	0
1413	75	6	17	10	30	0	46	10	1	20	2	0	1
1414	136	13	22	8	46	0	81	20	4	28	4	0	1
1415	16	0	0	0	0	0	1	0	0	0	0	0	0
1416	25	0	1	1	8	0	7	1	0	1	0	1	0
1417	41	4	2	0	2	1	36	5	2	15	2	0	1
1418	51	7	0	0	0	4	26	4	0	7	1	0	3
1419	59	3	0	0	0	0	30	8	3	8	0	0	0
***14---	1,299	131	221	108	442	13	661	132	31	229	19	7	12

CENSUS	TOTAL BIRTHS	TEEN BIRTHS 10-17	LATE PRE-NATAL CARE	LOW BIRTH WEIGHT	BIRTHS TO SINGLE MOTHER	INFANT DEATHS	TOTAL DEATHS	CANCER	DIABET-MELIT	HEART & CV	ACCIDENTS	SUICIDES	HOMICIDE
1501	121	8	16	13	39	0	56	10	1	24	2	1	0
1502	20	3	1	2	6	1	20	3	0	6	0	0	0
1503	109	19	21	12	42	2	43	3	4	16	2	0	0
1504	112	13	13	9	41	0	33	5	3	10	0	0	0
1505	189	18	32	18	74	0	72	12	4	27	2	1	2
1506	98	16	16	12	44	2	48	6	4	14	0	0	1
1507	132	17	25	13	52	2	49	10	1	13	2	1	0
1508	71	17	19	9	30	1	25	7	1	7	0	0	0
1509	109	16	25	12	43	3	52	10	1	18	1	0	1
1510	75	9	14	9	36	0	28	5	3	6	0	0	1
1511	146	12	21	16	58	0	67	10	5	28	3	0	1
1512	138	13	14	16	54	0	31	4	0	11	3	1	0
1513	187	22	32	21	73	2	50	6	2	22	3	0	0
1514	92	10	17	6	46	1	37	9	3	15	1	1	1
1515	44	4	10	3	21	0	25	4	0	7	2	0	0
1516	137	16	17	14	40	1	52	10	5	18	0	0	0
1517	140	17	26	12	42	1	30	11	0	11	0	0	0
1518	21	1	4	4	5	0	6	2	0	2	0	1	0
1519	63	8	5	8	19	1	19	1	0	12	3	0	0
1520	23	0	0	1	3	0	3	0	0	2	0	0	0
1521	70	3	1	0	0	1	25	6	3	7	0	1	0
1522	128	5	0	0	0	0	40	7	3	12	1	1	0
***15—	2,225	247	329	210	768	18	811	141	43	288	25	8	7
1601	174	36	46	19	75	0	50	6	1	18	2	0	1
1602	53	4	11	5	16	1	30	4	1	8	3	0	0
1603	80	9	17	7	39	0	47	7	4	20	0	1	0
1604	97	9	21	8	41	0	39	11	1	15	1	0	1
1605	156	23	39	10	75	3	70	8	2	27	4	0	1
1606	120	16	27	11	53	0	39	7	0	17	1	0	0
1607	190	17	31	16	67	2	56	11	2	17	1	0	1
1608	1	0	0	0	0								
1609	209	27	45	18	83	2	64	8	7	19	3	3	2
1610	53	6	2	5	15	1	23	3	2	8	1	0	1
1611	166	20	28	13	67	1	49	8	0	14	3	1	1
1612	31	2	4	1	12	0	10	2	0	2	1	1	0
1613	338	46	50	36	139	3	63	10	1	19	5	0	5
1614	93	2	1	0	0	1	4	1	0	1	0	0	0
1615	262	20	63	28	116	3	72	19	3	25	2	1	1
1616	83	11	18	5	39	1	21	7	0	6	1	0	0
1617	10	0	0	0	0	0	1	1	0	0	0	0	0
1618	99	11	18	10	40	2	70	17	2	20	2	0	0
1619	91	8	0	0	0	2	38	7	1	10	0	1	1
1620	167	18	0	0	0	0	47	15	1	8	1	2	2
***16—	2,473	285	421	192	877	22	793	152	28	254	31	10	17

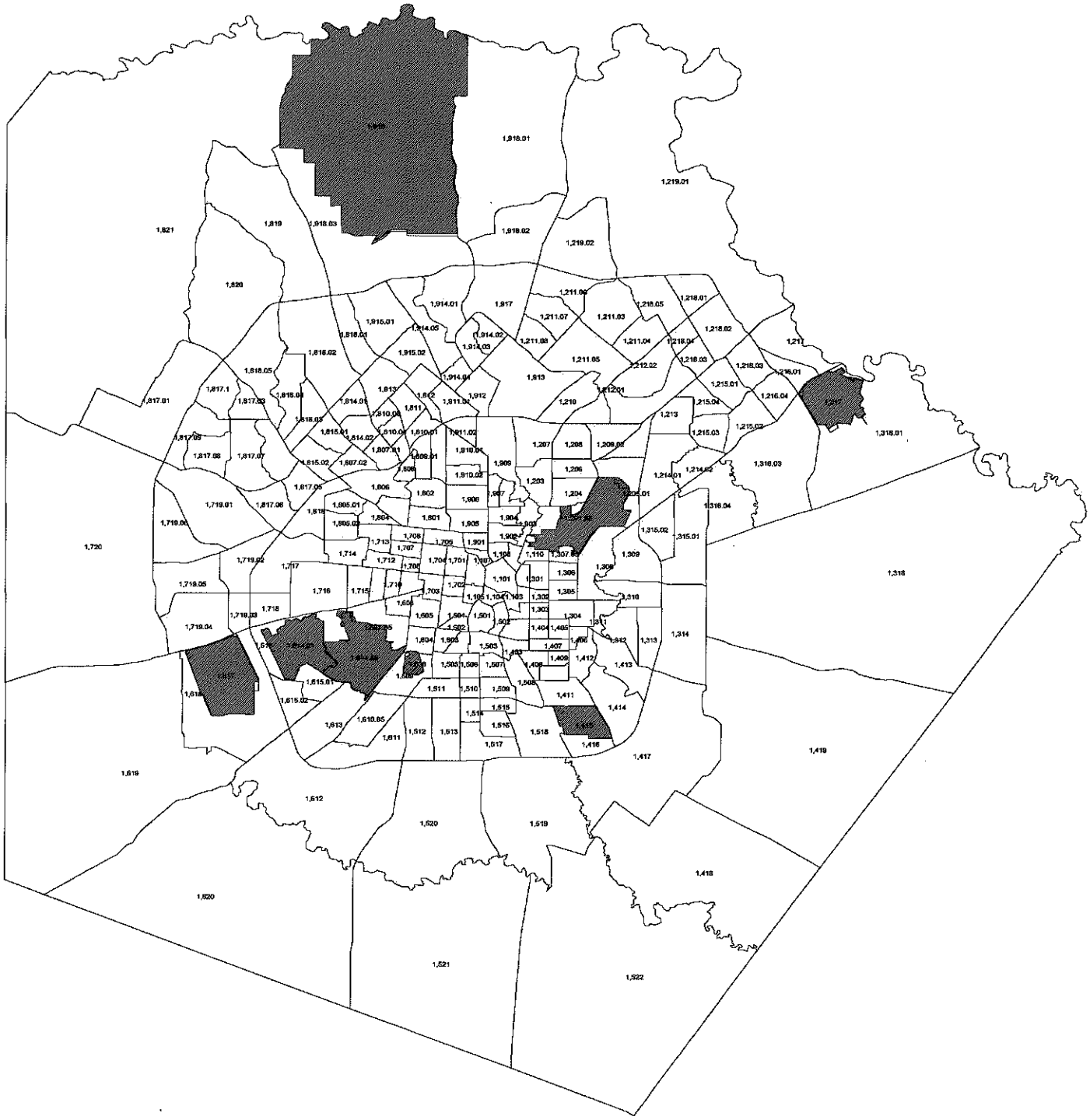
CENSUS	TOTAL BIRTHS	TEEN BIRTHS 10-17	LATE PRE-NATAL CARE	LOW BIRTH WEIGHT	BIRTHS TO SINGLE MOTHER	INFANT DEATHS	TOTAL DEATHS	CANCER	DIABET-MELIT	HEART & CV	ACCIDENTS	SUICIDES	HOMICIDE
1701	213	17	50	16	56	0	64	7	2	28	2	0	3
1702	116	10	29	11	44	2	61	13	1	17	1	1	3
1703	166	21	38	16	71	0	47	2	1	19	3	0	0
1704	255	42	58	31	107	3	91	15	6	31	3	1	4
1705	91	10	18	5	30	1	67	11	6	21	3	0	1
1706	93	8	19	8	26	0	32	8	1	7	0	0	0
1707	126	18	33	13	54	1	51	14	5	15	2	1	0
1708	32	6	10	3	9	0	17	5	2	5	0	1	0
1709	106	12	24	7	38	0	66	15	5	23	1	1	0
1710	162	26	35	15	52	0	51	8	1	15	3	0	0
1711	103	6	23	10	41	0	36	5	2	20	0	0	0
1712	98	11	20	11	36	4	29	3	2	6	1	0	0
1713	120	15	20	7	44	0	66	10	2	23	4	0	2
1714	144	15	43	16	47	1	50	9	1	13	2	0	0
1715	152	17	29	11	54	3	66	11	5	26	1	0	1
1716	141	26	33	15	59	1	36	5	1	16	0	0	1
1717	131	13	21	6	43	1	39	10	4	8	3	0	0
1718	219	21	34	25	73	1	52	8	3	15	2	0	0
1719	915	50	99	57	169	9	154	43	8	30	10	3	3
1720	131	1	0	0	0	1	61	16	1	16	1	1	1
***17---	3,514	345	636	283	1,053	28	1,136	218	59	354	42	9	19
1801	112	11	23	9	32	0	73	12	2	28	4	0	0
1802	188	11	36	16	63	2	108	18	0	32	2	0	1
1803	82	9	16	4	27	0	57	9	0	24	0	1	0
1804	96	13	13	6	35	0	22	2	4	6	0	0	1
1805	300	37	62	25	119	3	79	18	4	28	3	2	1
1806	144	6	19	16	41	0	133	27	3	53	3	1	0
1807	173	5	22	22	45	2	109	11	4	53	1	4	0
1808	69	10	0	0	0	1	24	3	0	7	1	1	0
1809	209	10	39	14	59	0	123	37	1	38	4	3	1
1810	297	18	42	38	74	3	102	23	0	28	4	0	1
1811	54	1	5	1	7	0	30	8	1	14	1	0	0
1812	43	0	4	5	5	0	48	10	1	16	3	0	0
1813	199	7	16	15	54	0	55	14	4	11	0	1	1
1814	138	2	13	7	27	3	58	6	0	18	1	3	1
1815	337	13	27	23	41	0	90	27	1	25	5	4	1
1816	136	17	22	16	52	1	46	15	2	11	1	1	0
1817	1,268	55	124	84	219	10	242	54	9	75	9	7	4
1818	741	22	55	52	122	6	148	38	4	48	4	3	1
1819	39	1	1	0	1	1	16	5	1	5	0	0	0
1820	36	0	0	1	0	0	22	2	1	6	3	0	0
1821	93	0	0	0	0	1	42	13	1	17	1	0	0
***18---	4,754	248	539	354	1,023	33	1,627	352	43	543	50	31	13

CENSUS	TOTAL BIRTHS	TEEN BIRTHS 10-17	LATE PRE-NATAL CARE	LOW BIRTH WEIGHT	BIRTHS TO SINGLE MOTHER	INFANT DEATHS	TOTAL DEATHS	CANCER	DIABET-MELIT	HEART & CV	ACCIDENTS	SUICIDES	HOMICIDE
1901	84	7	14	8	26	0	64	6	3	25	1	0	2
1902	56	7	5	4	16	0	59	12	1	18	1	1	0
1903	0	0	0	0	0	0	2	1	0	0	0	0	0
1904	21	0	2	3	2	0	26	2	0	8	0	1	0
1905	184	19	30	18	53	1	76	15	2	26	2	2	1
1906	241	32	54	19	85	0	92	11	1	33	2	0	3
1907	50	1	9	3	18	0	33	5	0	15	1	0	0
1908	26	1	0	0	0	0	16	3	0	11	0	1	0
1909	110	5	11	12	29	1	131	23	3	34	4	0	0
1910	313	33	38	29	113	7	170	35	8	48	8	3	2
1911	32	0	0	0	0	0	51	14	0	18	1	0	0
1912	96	6	23	8	27	0	97	17	5	38	4	0	0
1913	94	6	15	9	34	1	29	9	0	7	1	0	0
1914	631	19	77	49	143	1	129	24	1	42	8	6	3
1915	130	3	7	9	17	0	59	23	3	18	1	0	0
1916	0	0	0	0	0	0	0	0	0	0	0	0	0
1917	58	0	1	1	2	0	58	8	0	20	1	1	1
1918	187	2	2	1	1	0	64	20	1	22	2	1	0
***19—	2,152	141	288	173	566	11	1,156	228	28	383	37	16	12
Total	**22,649**	**1,789**	**3,237**	**1,755**	**6,243**	**172**	**8,911**	**1,820**	**307**	**2,910**	**282**	**109**	**118**

Bexar County Council & Census Map

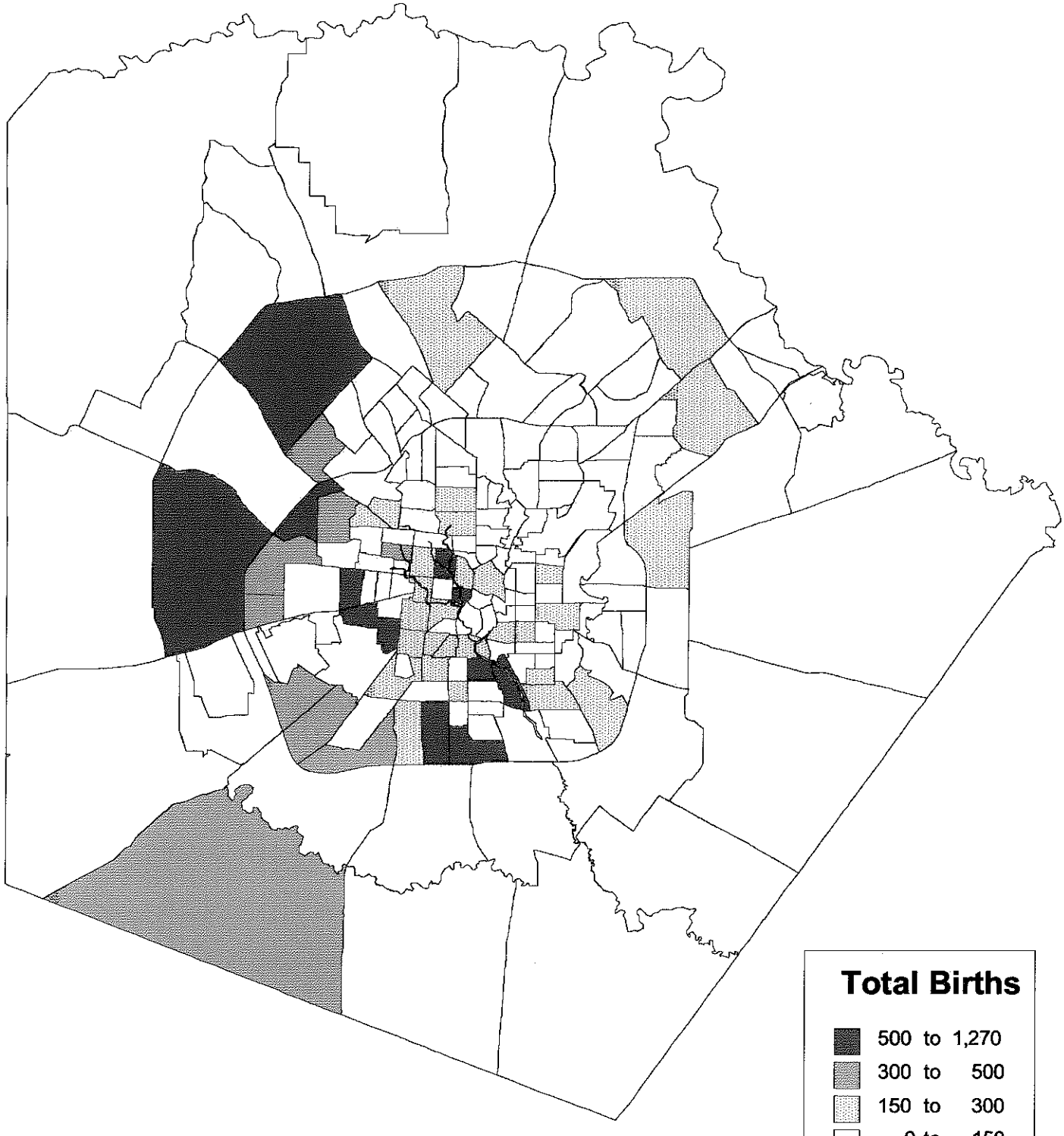


1990 Census Basemap



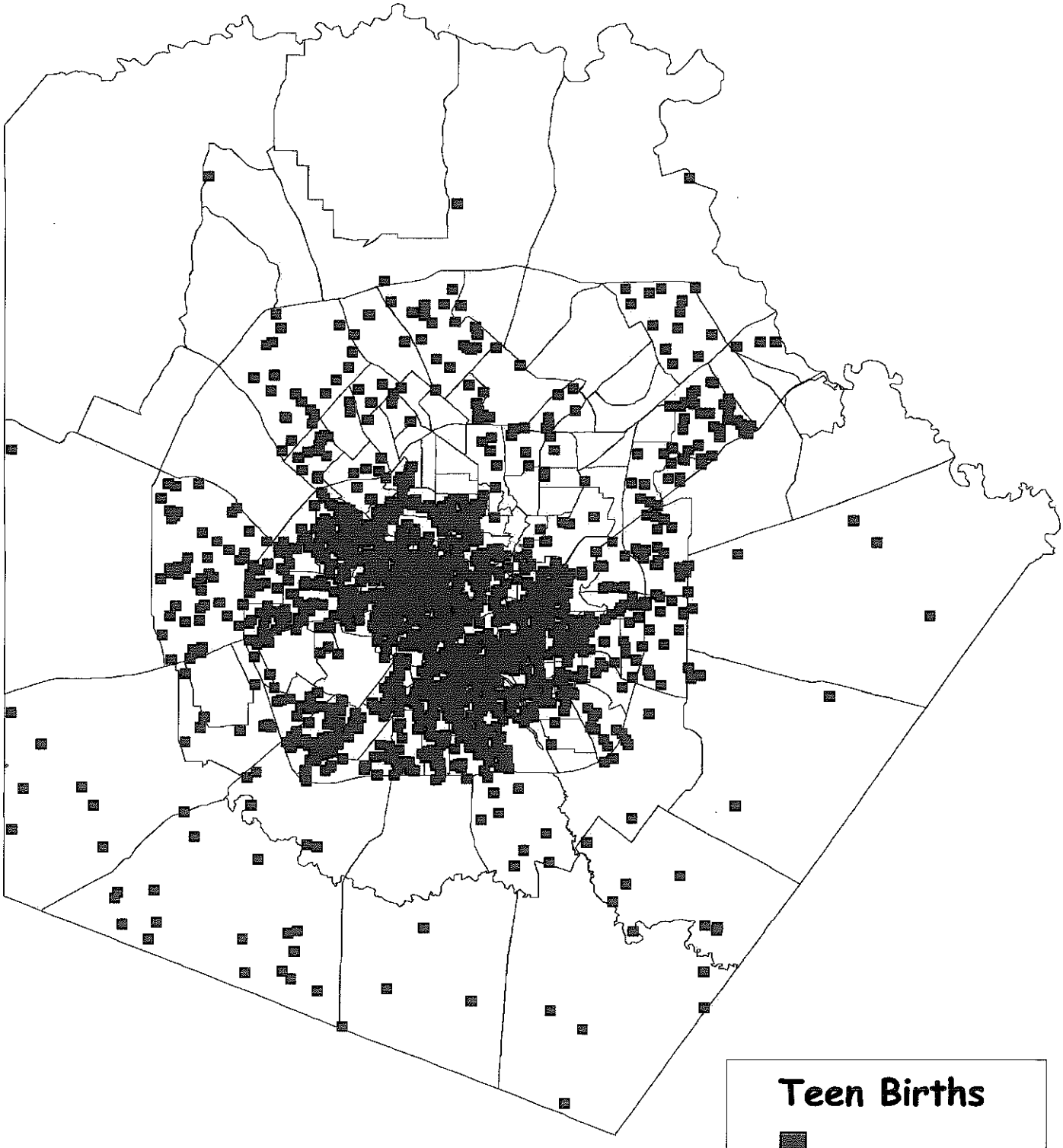
TOTAL BIRTHS

BEXAR COUNTY, TEXAS 1997



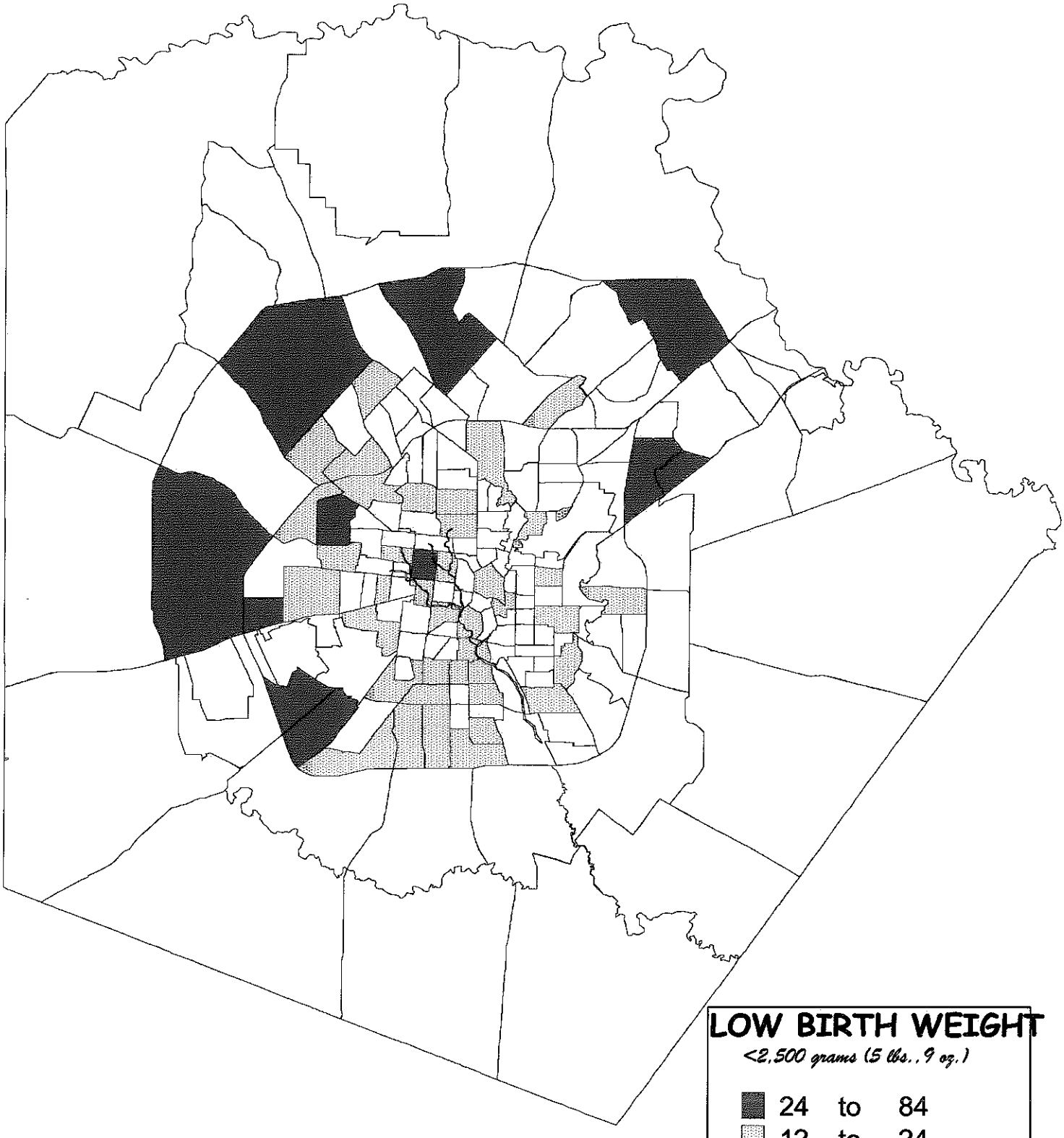
TEEN BIRTHS (10-17 YRS.)

BEXAR COUNTY, TEXAS 1997



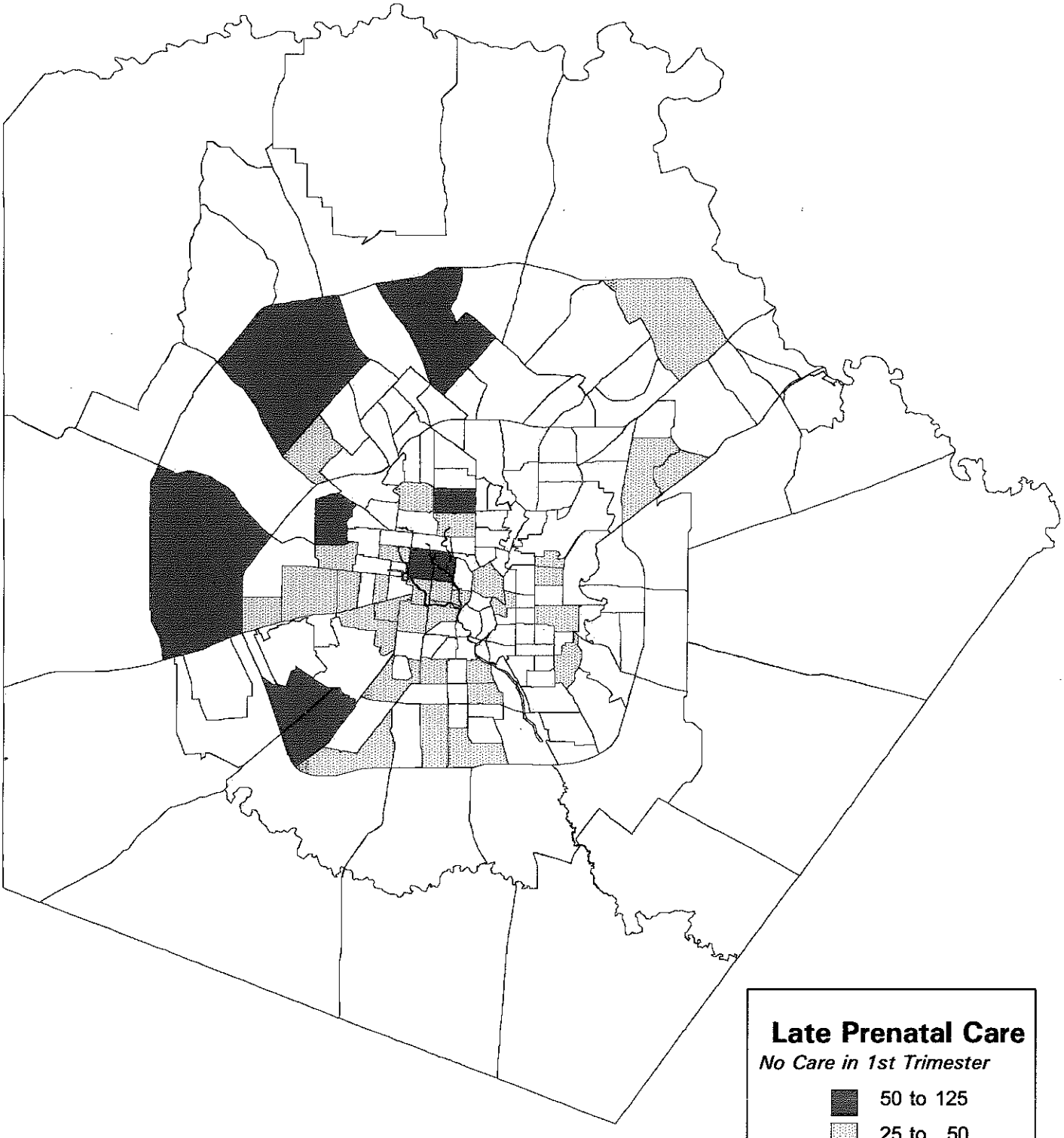
LOW BIRTH WEIGHT (<2500 grams)

BEXAR COUNTY, TEXAS 1997



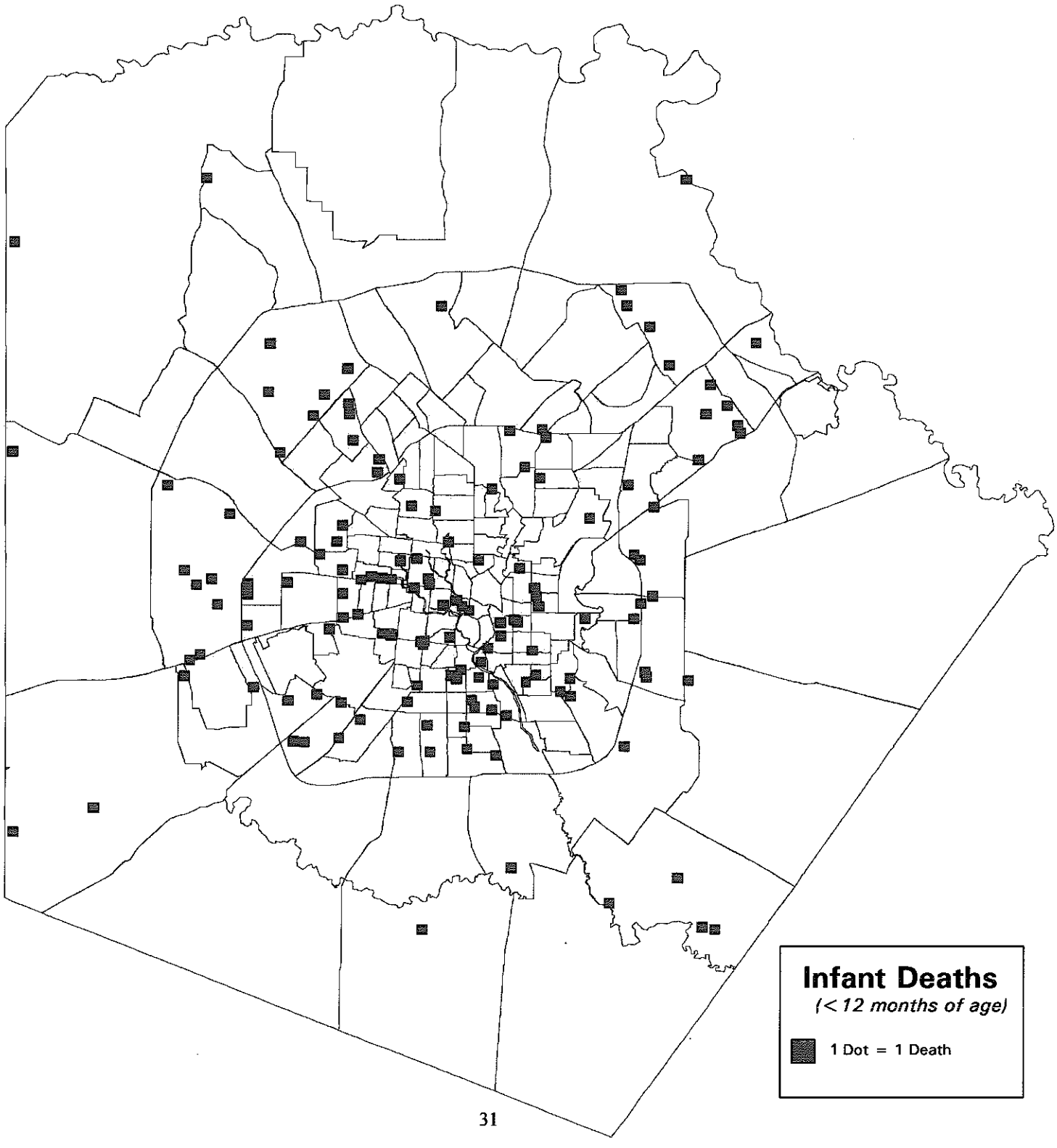
LATE PRENATAL CARE

BEXAR COUNTY, TEXAS 1997



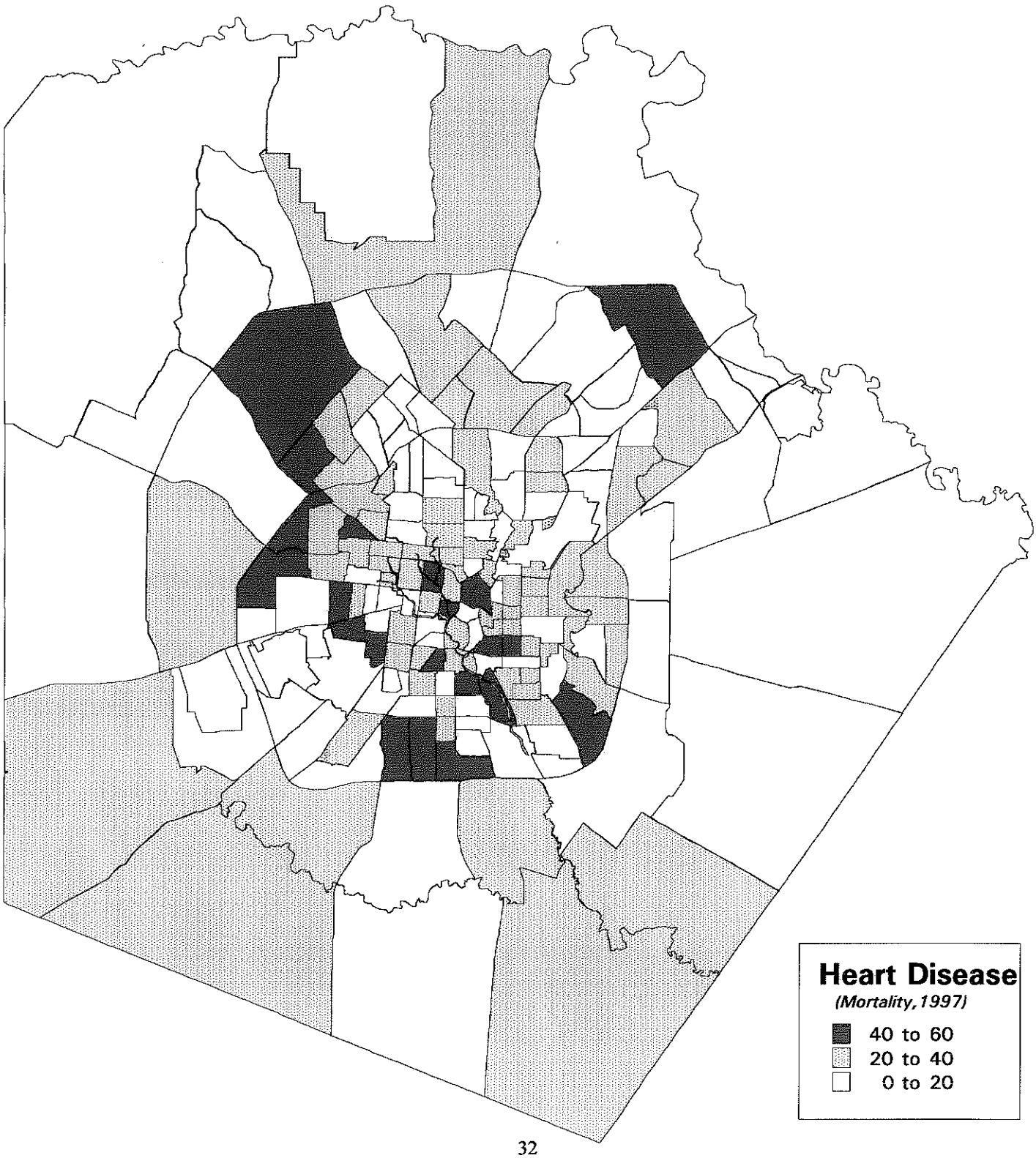
INFANT DEATHS

BEXAR COUNTY, TEXAS 1997



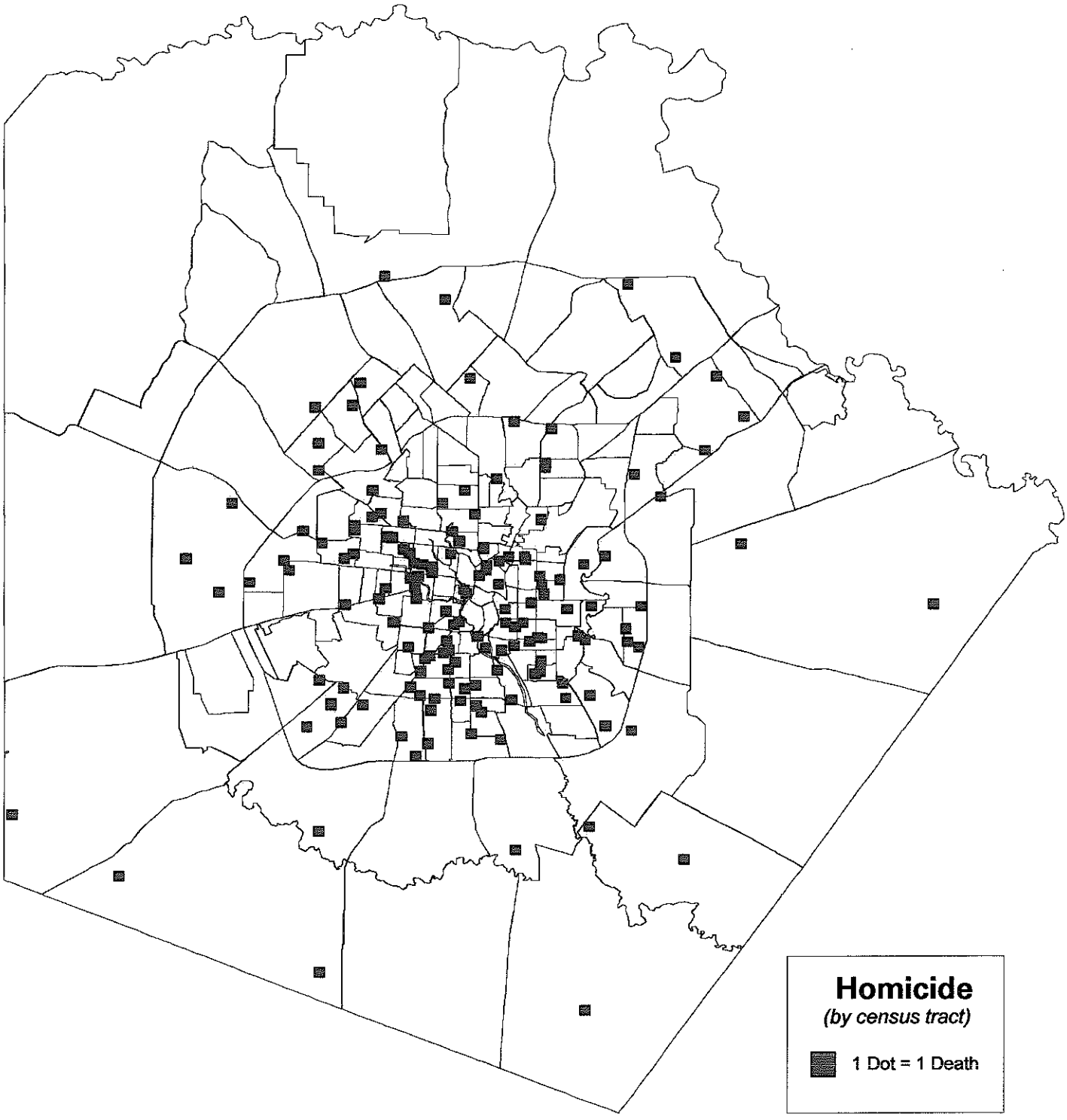
HEART DISEASE MORTALITY

BEXAR COUNTY, TEXAS 1997



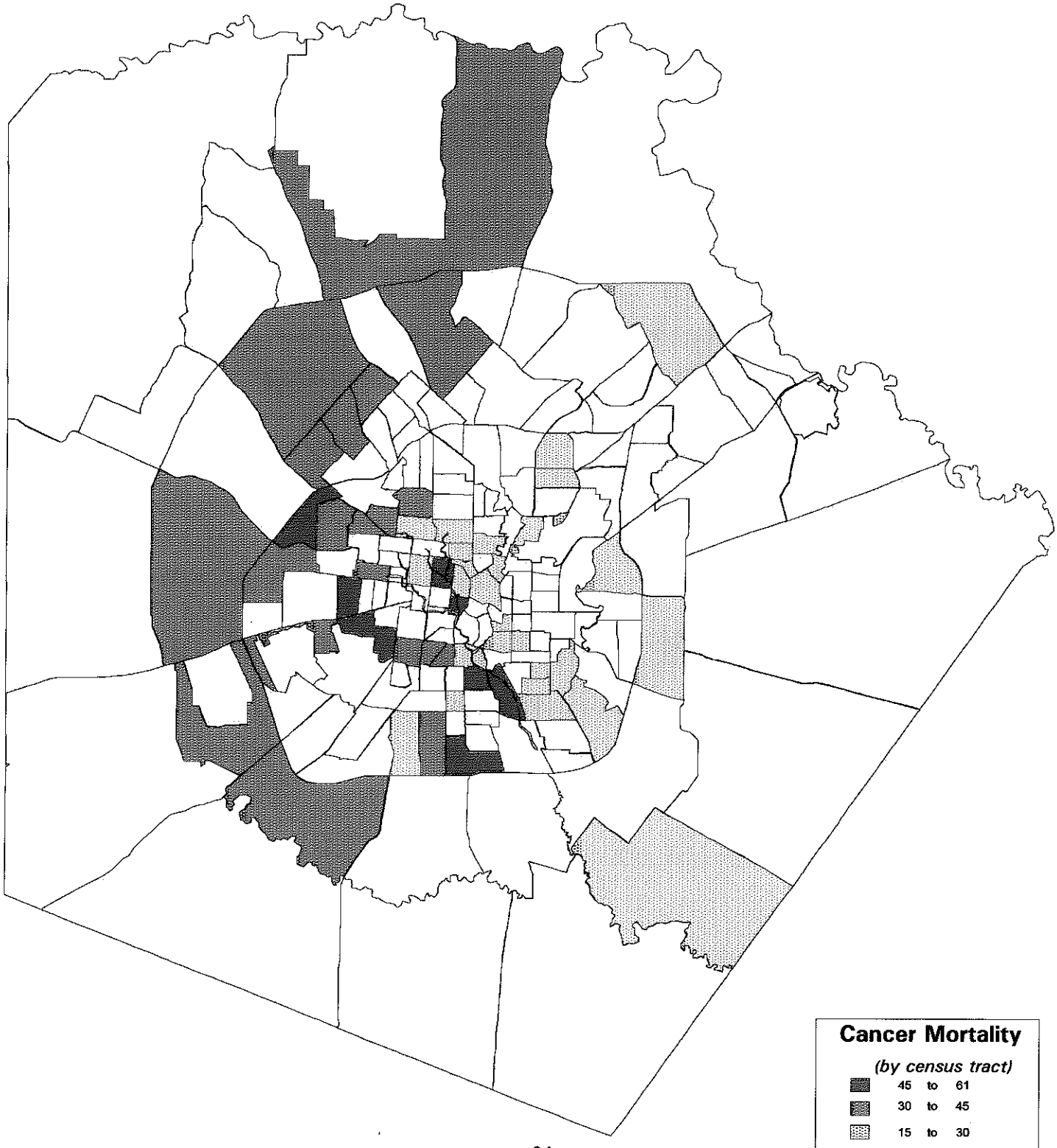
HOMICIDE

BEXAR COUNTY, TEXAS 1997



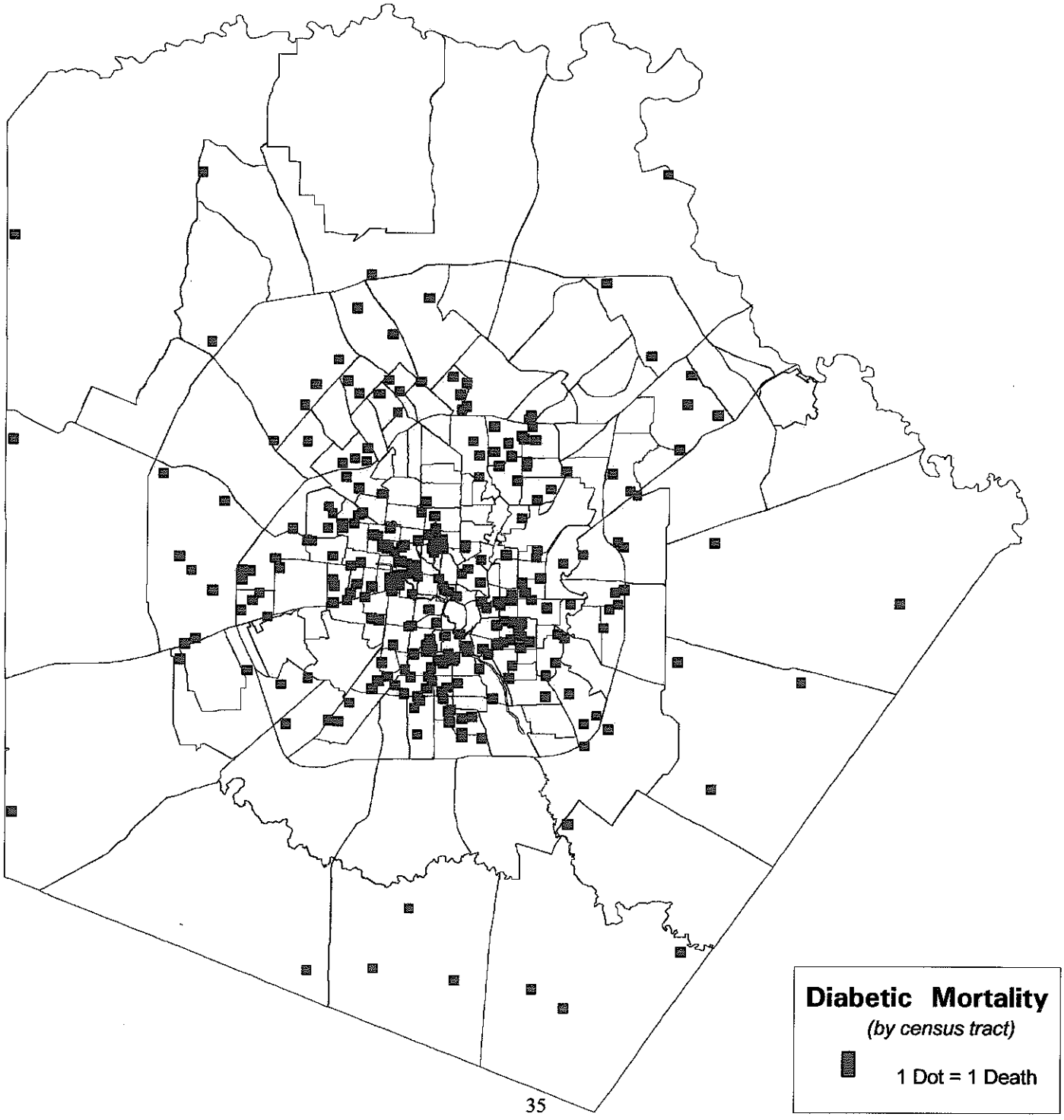
CANCER MORTALITY

BEXAR COUNTY, TEXAS 1997



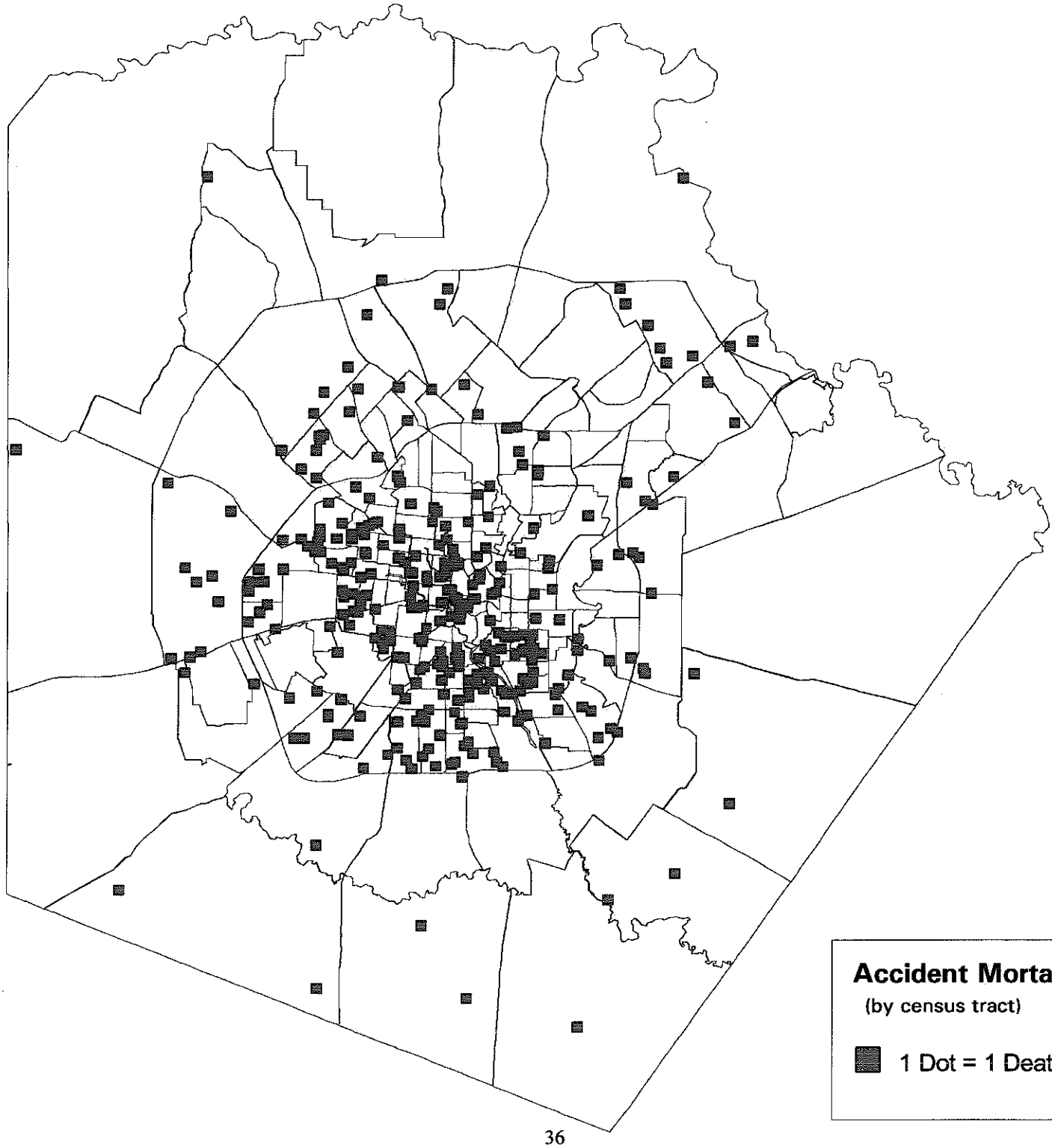
DIABETES MORTALITY

BEXAR COUNTY, TEXAS 1997



ACCIDENT MORTALITY

BEXAR COUNTY, TEXAS 1997



Glossary

Number of Children (Age 0-18 Years) Below Poverty: Number of children, 0-18 years (1995 population projections) estimated to be below poverty. The current poverty income limits for a family of four is $15,600 annually.

Fertility Rate: The number of live births per 1,000 women in the population 15-44 years of age.

Births Rate: The number of live births per 1,000 population

Maternal Death: A death attributed to delivery or a complication of pregnancy, childbirth, or the puerperium, as defined by the International Classification of Diseases.

Infant Death: Any death under one year of age.

Infant Death Rate: Number of Deaths under one year of age per 1,000 live births.

Neonatal Death: A death to an infant under 28 days of age.

Fetal Death: Fetal death is death prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of pregnancy. In this summary, only the fetal deaths of 20 weeks or more are reported.

Death Rate: The number of deaths per 100,000 residents unless otherwise noted.

Behavioral Risk: The percent at risk for adverse health events attributable to personal lifestyle, habits or behavior. This information was derived from responses by 807 Bexar County residents to an annual statewide telephone survey. These estimates ar

Smoking: Current regular smoker (ever smoked 100 cigarettes and smokes now).

Overweight: The prevalence of overweight is defined is defined as a Body Mass Index [(weight in kilograms)/(height in meters)] of > 27.8 for men and > 27.3 for women.

Acute "Binge" Drinking: Respondents who report they have consumed five or more drinks on an occasion, one or more times in the month prior to the interview.

Regular Physical Activity: Respondents who engage in physical activity at least 20 minutes a day, 3 times per week.

Leading Causes of Death: These data were gathered from 1997 death certificates coded by decedent's underlying cause of death as determined by attending physician. Note that "Heart Disease" deaths are the sum of deaths attributed to Hypertensive Heart Di

References

1 - The denominator used for fertility rates are women 15 - 44 years of age
2 - Low birth weight is considered to be less than 2500 grams.