



Hospital Admissions for Ambulatory Care Sensitive Conditions in Los Angeles County: 1996-1997

Produced by

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INTRODUCTION

This report presents information on Los Angeles county residents in 1996 and 1997 who were hospitalized for conditions known as Ambulatory Care Sensitive Conditions (ACSCs). ACSCs are conditions for which most hospital admissions could be prevented if patients received adequate access to ambulatory care services. Thus, ACSCs represent one method of defining potentially avoidable hospitalizations. ACSCs were originally developed by Billings et al.¹ for a study of hospital admissions in New York City. They have subsequently been used by other researchers to demonstrate the impact of inadequate access to ambulatory care services on various populations, including children and seniors.^{2,3,4,5,6,7}

This report present data on the number of hospital admissions, admission rates per 100,000 population, total days of inpatient care, and total hospital charges for 24 ACSCs among residents of Los Angeles County during 1996 and 1997. The next section describes the data sources and assumptions employed in analyzing the data, followed by the results and a discussion of implications for Los Angeles County.

DATA SOURCES AND ANALYTIC METHODS

The primary data source for this study is the 1996 and 1997 hospital discharge abstract data for all California hospital inpatient admissions collected by the California Office of Statewide Health Planning and Development. Because this study focuses on the health of the population of Los Angeles County residents, we wanted to identify all hospital admissions by county residents regardless of where those admissions occurred. Thus, if some county residents were hospitalized outside the county, we still wanted to capture those admissions in this study. Likewise, residents from other counties hospitalized in Los Angeles County were excluded from this study.

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We first identified all hospital admissions among residents of Los Angeles County in both years based on the zip code of residence listed on the discharge abstract. For patients residing in zip codes that cross the Los Angeles county border, we randomly assigned Los Angeles county residence based on the proportion of the population in that zip code residing in the county according to Bureau of Census data. There were 1,102,088 total hospital admissions among Los Angeles county residents in 1996; and 1,115,950 in 1997. We then selected hospital admissions in each of the 24 ACSCs using the definitions shown in Table 1. This step resulted in 133,429 ACSC admissions in 1996 (12.1% of total admissions) and 139,292 ACSC admissions (12.5% of total admissions) in 1997.

ACSC admissions were assigned to one of 8 Service Planning Areas (SPAs) within the county based on zip code of residence. For zip codes that cross SPA boundaries, we randomly assigned admissions to a SPA based on the proportion of that zip code's residents living in each SPA. Tables showing the number of total ACSC admissions by SPA and various demographic variables are included in Appendix 1.

Admission rates per 100,000 were calculated using population estimates from the Census Bureau for 1996 and 1997 by census tract, gender, race, and age group. We aggregated these population estimates to the SPA level first, then aggregated age and gender categories that were clinically meaningful for each ACSC. For example, admission for pelvic inflammatory disease is only relevant for females and occurs almost exclusively between the ages of 15 and 64. Thus, admission rates for this ACSC were based only the female population aged 15-64. A complete list of the age and gender groups used in calculating admission rates for each ACSC can be found in Appendix 2. We did not calculate aggregate admission rates across the 24 ACSCs because the denominator varied from condition to condition; thus, an aggregate measure across conditions does not seem appropriate.

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Table 1. Definition of Ambulatory Care Sensitive Conditions (ACSCs)

Condition	ICD-9-CM Codes for Principal Dx
Anemia, iron deficiency	280.1, 280.8, 280.9 and age < 5
Angina	411.1, 411.8, 413, excluding procedures 01-86.99
Asthma	493
Cellulitis	681, 682, 683, 686, excluding procedures 01-86.99 except 86.0 if sole procedure
Cervical cancer	180, excluding 180.0 with procedure 67.1, 180.1 with 67.2, and 180.8 with 67.3
Chronic obstructive pulmonary disease (COPD)	491, 492, 494, 496, include 466.0 only if 2° dx of 491, 492, 494, 496
Congestive heart failure (CHF)	428, 402.01, 402.11, 402.91, 518.4, excluding procedures 36.01, 36.02, 36.05, 36.1, 37.5, 37.7
Convulsions	780.3
Dehydration	276.5
Diabetes	250.0, 250.1, 250.2, 250.3, 250.8, 250.9
Ear, nose, and throat (ENT) infections	382, 462, 463, 465, 472.1, excluding procedure 20.01 with 382
Failure to thrive	783.4 and age < 1
Gastroenteritis	558.9
Grand mal convulsions	345
Hypertension	401.0, 401.9, 402.00, 402.10, 402.90, excluding procedures 36.01, 36.02, 36.1, 37.5, 37.7
Hypoglycemia	251.2
Immunization-related conditions	033, 037, 045, 320.0, 390, 391
Nutritional deficiencies	260, 261, 262, 268.0, 268.1
Pelvic inflammatory disease	614, excluding procedures 68.3-68.8
Pneumonia, bacterial	481, 482.2, 482.3, 482.9, 483, 485, 486, excluding 2° dx of 282.6 and age < 2
Syphilis, congenital	090 and age < 1
Tuberculosis, pulmonary	011
Tuberculosis, other	012, 013, 014, 015, 016, 017, 018
Urinary tract/kidney infection (UTI)	590, 599.0, 599.9

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Table 2. Number of ACSC Admissions by SPA and Year

ACSC	Year	San								South	Totals
		Ante- lope	Fern- ando	San Gabriel	Metro	West	South	East	Bay		
Anemia	1996	0	7	6	3	1	3	1	7	28	
	1997	1	6	9	5	0	6	6	6	39	
Angina	1996	202	972	1182	710	197	648	863	893	5667	
	1997	170	896	1077	660	186	606	812	843	5250	
Asthma	1996	405	1718	1918	1504	389	2288	1744	2420	12386	
	1997	486	1862	2099	1547	484	2456	1939	2544	13417	
Cellulitis	1996	163	1351	1017	1103	472	905	1069	1367	7447	
	1997	156	1419	1145	1122	474	938	1200	1431	7885	
Cervical cancer	1996	18	118	147	164	46	140	111	124	868	
	1997	27	110	118	164	34	148	129	117	847	
COPD	1996	519	2132	2090	1430	633	1243	1485	2059	11591	
	1997	615	2432	2383	1522	667	1465	1806	2287	13177	
CHF	1996	732	4425	4370	3351	1417	3463	3437	3692	24887	
	1997	716	4987	4631	3359	1444	3455	3491	3879	25962	
Convulsions	1996	128	737	704	577	247	544	604	708	4249	
	1997	167	746	745	511	239	601	657	674	4340	
Dehydration	1996	389	1741	1560	1203	551	1236	1792	1389	9861	
	1997	268	1736	1781	1243	530	1285	1729	1232	9804	
Diabetes	1996	249	1117	1277	1081	307	1360	1277	1440	8108	
	1997	235	1265	1335	1132	343	1374	1405	1606	8695	
ENT infection	1996	34	206	231	230	62	285	288	291	1627	
	1997	40	276	250	230	56	265	295	299	1711	
Failure to thrive	1996	6	13	8	5	3	24	4	16	79	
	1997	6	8	11	4	0	10	8	14	61	
Gastroenteritis	1996	75	477	576	599	136	542	757	607	3769	
	1997	66	577	560	631	151	570	752	613	3920	
Grand mal	1996	37	276	286	216	93	300	207	270	1685	
	1997	50	290	282	177	88	316	209	247	1659	
Hypertension	1996	74	336	378	347	75	453	290	375	2328	
	1997	65	337	399	374	92	436	369	377	2449	
Hypoglycemia	1996	7	24	21	28	6	31	22	28	167	
	1997	4	23	21	21	9	23	22	24	147	
Immunization	1996	5	36	42	43	7	57	41	45	276	
	1997	2	34	23	28	5	23	14	19	148	
Nutritional	1996	5	24	13	14	4	6	8	12	86	
	1997	16	15	14	16	8	12	4	6	91	
PID	1996	45	247	219	200	66	287	189	290	1543	
	1997	34	251	228	166	78	249	177	232	1415	
Pneumonia	1996	669	4079	4445	2849	1260	2735	3837	3686	23560	
	1997	694	4465	4703	3048	1256	2842	3867	3716	24591	
Syphilis, congenital	1996	3	11	8	23	2	107	10	18	182	
	1997	3	16	5	31	0	84	13	16	168	
TB, pulmonary	1996	7	79	96	176	21	107	76	93	655	
	1997	5	61	105	135	18	108	61	76	569	
TB, other	1996	1	25	49	49	14	33	14	23	208	
	1997	3	16	29	36	12	24	22	22	164	
UTI	1996	320	2327	2055	1664	580	1322	2083	1821	12172	
	1997	292	2486	2214	1624	658	1486	2119	1904	12783	
Totals	1996	4093	22478	22698	17569	6589	18119	20209	21674	133429	
	1997	4121	24314	24167	17786	6832	18782	21106	22184	139292	

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FINDINGS

A total of 133,429 ACSC admissions occurred among Los Angeles County residents in 1996 (Table 2). This number increased 4.4 percent to 139,292 in 1997. More than three-quarters of ACSC admissions were attributable to one of 7 high-volume conditions: asthma, chronic obstructive pulmonary disease (COPD), congestive heart failure (CHF), dehydration, diabetes, pneumonia, and urinary tract infection (UTI). To make meaningful comparisons between the 8 SPAs in Los Angeles County, it is more useful to examine admission rates per 100,000 for each ACSC (Table 3). In general, ACSC admission rates were highest in the South and East SPAs and lowest in the West. For some ACSCs, such as asthma, COPD, and CHF, admission rates were 2-4 times greater in SPAs with the highest rates relative to those with the lowest rates.

Substantial differences in ACSC admissions also occurred between racial/ethnic groups (Tables 4 and 5). In general, African Americans and Other (including Native American) racial/ethnic groups had considerably higher admission rates per 100,000 for almost every ACSC, while Asian Americans generally had the lowest rates. For many ACSCs, African Americans had admission rates 2-5 times higher than Asian Americans. Of course, Asian Americans represent a highly diverse category of ethnic populations, many of whom are recent immigrants with poorer health status, so the low ACSC admission rates among Asian Americans should be interpreted cautiously. ACSC admission rates among Latinos did not follow a consistent pattern. For some conditions, such as hypertension, COPD, CHF and pneumonia, Latinos had low admission rates comparable to Asian Americans. For many conditions, Latinos had admissions rates comparable to Whites. For several other conditions, most notably cervical cancer, ENT, and gastroenteritis, Latinos had among the highest admission rates.

Females were somewhat more likely to have ACSC admissions than males, particularly for angina, asthma, COPD, dehydration, gastroenteritis, and hypertension (Table 6). The reason

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for this discrepancy is unclear, particularly since these conditions do necessarily have a higher incidence among females.

Children and seniors were particularly affected by conditions that resulted in ACSC admissions. Children up to the age of 14 were most likely to have an ACSC admission for asthma, convulsions, dehydration, ENT infection, gastroenteritis, pneumonia, and UTI (Table 7). About 17 percent of total ACSC admissions occurred among this age group. Seniors aged 65 and older were most likely to have ACSC admissions for COPD, CHF, pneumonia, and UTI. Almost half of all ACSC admissions occurred among those 65 and older.

The vast majority of ACSC admissions were among insured individuals (Table 8). About two-thirds of admissions occurred among individuals with public insurance (i.e., Medicare, Medicaid, or other), while the most of the remaining admissions were privately insured. Less than 4 percent were self-pay or charity care (i.e., uninsured). This is somewhat surprising given the high rate of uninsurance – 32 percent – among Los Angeles County residents.⁸

Overall, the in-hospital mortality rate for ACSC admissions was less than 3 percent (Table 9). As discussed earlier, ACSC admissions can be viewed as potentially preventable hospitalizations. Nevertheless, some ACSCs, such as COPD, CHF, and pneumonia, represent medical conditions that can often be managed effectively on an ambulatory basis, but that sometimes reach an advanced stage requiring hospitalization, *despite* proper ambulatory care. One limitation of using ACSCs based on hospital discharge data is that it is impossible to separate admissions with advanced disease, which are presumably unavoidable, from those with routine disease where hospitalization could have been avoided.

The economic impact of ACSC admissions can be measured in both days of hospitals inpatient care (Table 10) and total hospital charges (Table 11). ACSC admissions required 603,987 days of inpatient hospital care in 1996. The number of days increased by 3.7 percent to 626,080 in 1997. ACSC admissions accounted for \$1.65 billion in hospital charges in 1996, and

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\$1.81 billion in 1997.^a Based on an average inpatient cost-to-charge ratio of 0.584 for Los Angeles County hospitals during this period,⁹ ACSC admissions cost approximately \$0.96 billion in 1996 and \$1.06 billion in 1997.

CONCLUSIONS

ACSC admissions represent an enormous use of hospital inpatient resources in Los Angeles County. Large disparities exist within the County across racial/ethnic groups and across geographic areas defined by Service Planning Areas. At least some of the geographic differences are attributable to differences in the racial/ethnic distribution of each SPA's population, however.

Surprisingly, the vast majority of ACSC admissions occurred among insured patients, despite the high rate of uninsurance in the County. This finding suggests that public and private insurers might be able to reduce the high rates of ACSC admissions for chronic conditions such as COPD and CHF through more effectively disease management strategies.

Further research on ACSCs is clearly necessary to determine what proportion of admissions are realistically preventable with improved access to ambulatory care. However, if we use the West SPA as a benchmark of what is achievable in Los Angeles County, ACSC admission rates could be reduced by as much as 2-4 times in some SPAs. Furthermore, this report further documents substantial racial/ethnic disparities in access and health status,^{10,11,12} particularly among African Americans, who had ACSC admission rates consistently and often substantially larger than Whites, Latinos, and Asian Americans. As the County transitions to a health care system that emphasizes ambulatory rather than inpatient care, ACSCs should prove to be a useful tool for evaluating the impact of that transition on rates of potentially preventable hospitalizations.

^a Kaiser hospitals are not required to report total charges; thus, these figures are somewhat understated.

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Table 3. Admission Rates per 100,000* for ACSC Admissions by SPA and Year

ACSC	Year	San		San		West	South	East	South	Totals
		Antelope	Fernando	Gabriel	Metro					
Anemia	1996	0.0	5.0	4.3	3.1	3.1	3.0	0.9	5.8	3.6
	1997	3.2	4.3	6.4	5.2	0.0	5.9	5.1	5.0	5.0
Angina	1996	116.0	81.8	108.3	91.7	45.3	125.7	112.4	94.1	96.1
	1997	94.8	74.7	97.0	83.8	42.7	115.8	103.7	87.7	87.8
Asthma	1996	138.7	94.6	109.2	121.8	66.8	234.1	133.0	163.6	131.1
	1997	161.9	101.8	118.0	123.4	83.4	248.4	145.6	170.4	140.4
Cellulitis	1996	55.8	74.4	57.9	89.3	81.1	92.6	81.5	92.4	78.8
	1997	52.0	77.6	64.4	89.5	81.6	94.9	90.1	95.9	82.5
Cervical cancer	1996	20.7	19.5	25.9	42.8	20.2	51.4	28.1	25.7	28.7
	1997	30.1	18.0	20.5	42.1	14.9	53.7	32.0	23.9	27.7
COPD	1996	298.0	179.4	191.5	184.7	145.7	241.1	193.4	216.9	196.6
	1997	342.9	202.9	214.6	193.3	153.0	280.1	230.6	238.1	220.4
CHF	1996	420.3	372.3	400.4	432.8	326.1	671.7	447.7	388.9	422.1
	1997	399.2	416.0	417.1	426.5	331.3	660.5	445.8	403.8	434.2
Convulsions	1996	43.8	40.6	40.1	46.7	42.4	55.7	46.1	47.9	45.0
	1997	55.6	40.8	41.9	40.8	41.2	60.8	49.3	45.2	45.4
Dehydration	1996	133.2	95.8	88.8	97.4	94.7	126.5	136.6	93.9	104.3
	1997	89.3	94.9	100.1	99.1	91.3	130.0	129.8	82.5	102.6
Diabetes	1996	95.2	66.6	79.0	94.9	55.9	155.2	106.9	105.9	93.5
	1997	87.4	74.9	81.5	97.8	62.7	154.8	115.7	117.0	99.1
ENT infection	1996	11.6	11.3	13.2	18.6	10.7	29.2	22.0	19.7	17.2
	1997	13.3	15.1	14.1	18.3	9.6	26.8	22.1	20.0	17.9
Failure to thrive	1996	84.0	40.5	25.3	22.9	39.7	102.6	14.9	58.5	44.4
	1997	80.3	24.2	33.7	17.7	0.0	41.8	28.9	49.8	33.3
Gastroenteritis	1996	25.7	26.3	32.8	48.5	23.4	55.5	57.7	41.0	39.9
	1997	22.0	31.6	31.5	50.3	26.0	57.6	56.5	41.1	41.0
Grand mal	1996	12.7	15.2	16.3	17.5	16.0	30.7	15.8	18.3	17.8
	1997	16.7	15.9	15.9	14.1	15.2	32.0	15.7	16.5	17.4
Hypertension	1996	42.5	28.3	34.6	44.8	17.3	87.9	37.8	39.5	39.5
	1997	36.2	28.1	35.9	47.5	21.1	83.3	47.1	39.2	41.0
Hypoglycemia	1996	4.0	2.0	1.9	3.6	1.4	6.0	2.9	2.9	2.8
	1997	2.2	1.9	1.9	2.7	2.1	4.4	2.8	2.5	2.5
Immunization	1996	1.7	2.0	2.4	3.5	1.2	5.8	3.1	3.0	2.9
	1997	0.7	1.9	1.3	2.2	0.9	2.3	1.1	1.3	1.5
Nutritional	1996	1.7	1.3	0.7	1.1	0.7	0.6	0.6	0.8	0.9
	1997	5.3	0.8	0.8	1.3	1.4	1.2	0.3	0.4	1.0
PID	1996	47.3	40.5	37.7	51.3	31.3	93.7	45.5	58.8	49.8
	1997	34.7	41.0	38.8	42.1	37.2	80.7	42.1	46.8	45.3
Pneumonia	1996	229.0	224.5	253.1	230.6	216.5	279.8	292.6	249.2	249.3
	1997	231.2	244.2	264.4	243.1	216.3	287.4	290.3	249.0	257.4
Syphilis, congenital	1996	42.0	34.3	25.3	105.3	26.5	457.2	37.3	65.8	102.3
	1997	40.1	48.3	15.3	137.4	0.0	351.2	47.0	56.9	91.6
TB, pulmonary	1996	4.0	6.6	8.8	22.7	4.8	20.8	9.9	9.8	11.1
	1997	2.8	5.1	9.5	17.1	4.1	20.6	7.8	7.9	9.5
TB, other	1996	0.6	2.1	4.5	6.3	3.2	6.4	1.8	2.4	3.5
	1997	1.7	1.3	2.6	4.6	2.8	4.6	2.8	2.3	2.7
UTI	1996	109.6	128.1	117.0	134.7	99.7	135.3	158.8	123.1	128.8
	1997	97.3	136.0	124.5	129.5	113.3	150.3	159.1	127.6	133.8

Note: * See Table 17 for definition of clinically relevant age and gender groups used in calculating admission rates for each ACSC.

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Table 4. Number of ACSC Admissions by Race/Ethnicity and Year

ACSC	Year	White	Latino	African American	Asian American	Native American	Other	Totals
Anemia	1996	6	15	1	5	0	1	28
	1997	2	22	3	10	0	2	39
Angina	1996	2503	1559	911	540	15	139	5667
	1997	2306	1361	883	525	6	169	5250
Asthma	1996	3286	4749	3439	774	15	213	12386
	1997	3422	5306	3551	864	22	252	13417
Cellulitis	1996	3483	2606	944	265	19	130	7447
	1997	3601	2852	955	321	12	144	7885
Cervical cancer	1996	240	418	92	99	2	19	868
	1997	173	477	102	76	2	17	847
COPD	1996	7111	1738	1704	783	11	244	11591
	1997	7973	2030	2083	799	18	274	13177
CHF	1996	12652	5358	4918	1405	39	515	24887
	1997	13247	5598	5064	1496	49	508	25962
Convulsions	1996	1680	1456	847	185	11	70	4249
	1997	1825	1389	846	189	7	84	4340
Dehydration	1996	4341	3562	1185	569	6	198	9861
	1997	4309	3373	1249	595	16	262	9804
Diabetes	1996	2432	3353	1813	366	6	138	8108
	1997	2646	3662	1852	353	19	163	8695
ENT infection	1996	340	941	240	75	3	28	1627
	1997	379	952	264	84	3	29	1711
Failure to thrive	1996	22	32	22	3	0	0	79
	1997	13	32	13	2	0	1	61
Gastroenteritis	1996	1059	2005	420	210	6	69	3769
	1997	1099	2060	456	233	4	68	3920
Grand mal	1996	636	594	351	68	4	32	1685
	1997	635	560	355	75	3	31	1659
Hypertension	1996	687	693	683	191	4	70	2328
	1997	701	800	676	199	5	68	2449
Hypoglycemia	1996	60	48	43	14	0	2	167
	1997	71	29	37	8	0	2	147
Immunization	1996	54	168	29	17	0	8	276
	1997	37	94	9	6	0	2	148
Nutritional	1996	55	12	12	6	0	1	86
	1997	53	13	20	4	0	1	91
PID	1996	439	589	413	69	3	30	1543
	1997	406	551	365	57	2	34	1415
Pneumonia	1996	10902	7524	3030	1641	33	430	23560
	1997	11506	7629	3226	1690	35	505	24591
Syphilis, congenital	1996	6	68	102	3	0	3	182
	1997	10	79	77	1	0	1	168
TB, pulmonary	1996	97	273	124	128	3	30	655
	1997	82	255	106	110	1	15	569
TB, other	1996	23	105	24	46	0	10	208
	1997	24	84	19	35	0	2	164
UTI	1996	5315	4467	1448	714	15	213	12172
	1997	5620	4608	1536	776	18	225	12783
Totals	1996	57429	42333	22705	8176	193	2593	133429
	1997	60140	43816	23747	8508	222	2859	139292

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Table 5. Admission Rates per 100,000* for ACSC Admissions by Race/Ethnicity and Year

ACSC	Year	White	Latino	African American	Asian American	Other	Totals
Anemia	1996	3.4	3.5	1.3	6.2	14.4	3.6
	1997	1.2	5.0	3.9	12.0	27.1	5.0
Angina	1996	98.7	75.5	169.3	74.6	462.3	96.1
	1997	91.5	63.7	165.1	70.1	455.3	87.8
Asthma	1996	97.9	116.9	391.5	70.4	421.6	131.1
	1997	103.3	127.0	408.8	76.3	449.3	140.4
Cellulitis	1996	103.7	64.2	107.5	24.1	275.5	78.8
	1997	108.7	68.2	109.9	28.4	255.8	82.5
Cervical cancer	1996	18.5	40.7	31.2	26.1	118.7	28.7
	1997	13.4	44.8	34.8	19.4	93.4	27.7
COPD	1996	280.3	84.2	316.7	108.2	765.5	196.6
	1997	316.5	95.0	389.6	106.7	759.7	220.4
CHF	1996	498.7	259.6	914.0	194.1	1663.0	422.1
	1997	525.8	261.9	947.1	199.7	1449.2	434.2
Convulsions	1996	50.0	35.8	96.4	16.8	149.8	45.0
	1997	55.1	33.2	97.4	16.7	149.2	45.4
Dehydration	1996	129.3	87.7	134.9	51.8	377.3	104.3
	1997	130.0	80.7	143.8	52.6	455.9	102.6
Diabetes	1996	76.5	92.4	226.4	35.9	305.5	93.5
	1997	84.2	97.9	233.7	33.7	341.3	99.1
ENT infection	1996	10.1	23.2	27.3	6.8	57.3	17.2
	1997	11.4	22.8	30.4	7.4	52.5	17.9
Failure to thrive	1996	53.9	31.8	46.3	17.7	0.0	44.4
	1997	32.0	30.7	71.2	10.8	66.3	33.7
Gastroenteritis	1996	31.5	49.4	47.8	19.1	138.7	39.9
	1997	33.2	49.3	52.5	20.6	118.1	41.0
Grand mal	1996	18.9	14.6	40.0	6.2	66.6	17.8
	1997	19.2	13.4	40.9	6.6	55.8	17.4
Hypertension	1996	27.1	33.6	126.9	26.4	222.1	39.5
	1997	27.8	37.4	126.4	26.6	189.9	41.0
Hypoglycemia	1996	2.4	2.3	8.0	1.9	6.0	2.8
	1997	2.8	1.4	6.9	1.1	5.2	2.5
Immunization	1996	1.6	4.1	3.3	1.5	14.8	2.9
	1997	1.1	2.2	1.0	0.5	3.3	1.5
Nutritional	1996	1.6	0.3	1.4	0.5	1.8	0.9
	1997	1.6	0.3	2.3	0.4	1.6	1.0
PID	1996	38.4	47.6	132.7	17.7	172.4	49.8
	1997	36.0	43.4	118.8	14.3	164.5	45.3
Pneumonia	1996	324.7	185.2	345.0	149.3	856.2	249.3
	1997	347.2	182.5	371.4	149.3	885.6	257.4
Syphilis, congenital	1996	14.7	67.6	214.6	17.7	223.0	102.3
	1997	24.6	75.7	421.7	5.4	66.3	92.9
TB, pulmonary	1996	3.8	13.2	23.0	17.7	99.1	11.1
	1997	3.3	11.9	19.8	14.7	41.6	9.5
TB, other	1996	0.9	5.1	4.5	6.4	30.0	3.5
	1997	1.0	3.9	3.6	4.7	5.2	2.7
UTI	1996	158.3	110.0	164.8	65.0	421.6	128.8
	1997	169.6	110.3	176.8	68.5	398.5	133.8

Note: * See Table 17 for definition of clinically relevant age and gender groups used in calculating admission rates for each ACSC.

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 6. Number of ACSC Admissions by Gender and Year

ACSC	Year	Male	Female	Totals
Anemia	1996	16	12	28
	1997	21	18	39
Angina	1996	2626	3041	5667
	1997	2333	2917	5250
Asthma	1996	5559	6827	12386
	1997	5956	7461	13417
Cellulitis	1996	4031	3416	7447
	1997	4265	3620	7885
Cervical cancer	1996	0	868	868
	1997	0	847	847
COPD	1996	4972	6619	11591
	1997	5706	7471	13177
CHF	1996	11095	13791	24886
	1997	11679	14283	25962
Convulsions	1996	2219	2030	4249
	1997	2237	2103	4340
Dehydration	1996	4324	5537	9861
	1997	4278	5526	9804
Diabetes	1996	3947	4161	8108
	1997	4262	4433	8695
ENT infection	1996	813	814	1627
	1997	844	867	1711
Failure to thrive	1996	43	36	79
	1997	32	29	61
Gastroenteritis	1996	1733	2036	3769
	1997	1780	2140	3920
Grand mal	1996	844	841	1685
	1997	914	745	1659
Hypertension	1996	851	1477	2328
	1997	877	1572	2449
Hypoglycemia	1996	70	97	167
	1997	75	72	147
Immunization	1996	139	136	275
	1997	71	77	148
Nutritional	1996	27	59	86
	1997	36	55	91
PID	1996	0	1543	1543
	1997	0	1415	1415
Pneumonia	1996	11132	12426	23558
	1997	11670	12921	24591
Syphilis, congenital	1996	96	86	182
	1997	79	89	168
TB, pulmonary	1996	442	213	655
	1997	359	210	569
TB, other	1996	109	99	208
	1997	91	73	164
UTI	1996	3640	8530	12170
	1997	3856	8927	12783
Totals	1996	58728	74695	133423
	1997	61421	77871	139292

Note: 6 cases in 1996 had missing gender.

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 7. Number of ACSC Admissions by Age Category and Year

ACSC	Year	<1	1-4	5-14	15-24	25-44	45-64	65+	Totals
Anemia	1996	3	25	0	0	0	0	0	28
	1997	9	30	0	0	0	0	0	39
Angina	1996	0	0	0	3	482	2315	2867	5667
	1997	0	0	0	9	424	2049	2768	5250
Asthma	1996	511	2301	2644	752	2330	2136	1712	12386
	1997	714	2627	2653	831	2334	2380	1878	13417
Cellulitis	1996	129	348	354	316	2128	2006	2166	7447
	1997	112	418	415	370	1969	2193	2408	7885
Cervical cancer	1996	0	0	0	6	339	378	145	868
	1997	0	0	0	15	276	409	147	847
COPD	1996	3	14	13	42	464	2938	8117	11591
	1997	9	13	23	56	610	3425	9041	13177
CHF	1996	41	21	14	60	974	5308	18469	24887
	1997	46	18	15	54	1165	5604	19060	25962
Convulsions	1996	291	530	250	228	946	891	1113	4249
	1997	231	583	226	203	907	977	1213	4340
Dehydration	1996	1191	1700	540	226	891	1175	4138	9861
	1997	1012	1468	578	184	884	1229	4449	9804
Diabetes	1996	10	61	345	539	2140	2653	2360	8108
	1997	7	58	391	565	2245	2914	2515	8695
ENT infection	1996	592	297	163	121	238	114	102	1627
	1997	607	321	162	126	207	145	143	1711
Failure to thrive	1996	79	0	0	0	0	0	0	79
	1997	61	0	0	0	0	0	0	61
Gastroenteritis	1996	586	749	442	255	622	470	645	3769
	1997	563	842	507	232	557	515	704	3920
Grand mal	1996	66	205	186	146	470	291	321	1685
	1997	76	207	187	135	436	372	246	1659
Hypertension	1996	0	9	7	16	423	936	93	2328
	1997	0	0	7	26	451	976	989	2449
Hypoglycemia	1996	1	8	3	5	27	43	80	167
	1997	2	6	3	4	28	35	69	147
Immunization	1996	199	11	13	5	16	22	10	276
	1997	90	4	4	7	17	17	9	148
Nutritional	1996	4	1	4	3	12	15	47	86
	1997	4	3	5	2	15	12	50	91
PID	1996	0	0	21	363	979	147	33	1543
	1997	0	0	19	331	879	164	22	1415
Pneumonia	1996	1856	2349	1061	430	2092	3484	12288	23560
	1997	1781	2188	892	377	1997	3809	13547	24591
Syphilis, congenital	1996	182	0	0	0	0	0	0	182
	1997	168	0	0	0	0	0	0	168
TB, pulmonary	1996	3	6	5	41	211	188	201	655
	1997	4	3	8	37	163	183	171	569
TB, other	1996	5	8	12	11	70	52	50	208
	1997	2	12	4	10	56	39	41	164
UTI	1996	999	325	301	640	1749	1906	6254	12172
	1997	897	368	351	669	1844	2043	6611	12783
Totals	1996	6751	8968	6378	4208	17603	27468	62053	133429
	1997	6395	6169	6450	4243	17464	29490	66081	139292

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 8. Number of ACSC Admissions by Insurance Status and Year

ACSC	Year	Medicare	Medicaid	Other Govt.	HMO	PPO	FFS	Self-pay, Charity	Totals
Anemia	1996	0	17	0	6	3	2	0	28
	1997	0	26	1	7	5	0	0	39
Angina	1996	2193	1193	293	1163	297	253	275	5667
	1997	2100	1026	238	1130	272	214	270	5250
Asthma	1996	1705	5215	592	2877	863	590	544	12386
	1997	1834	5296	647	3498	980	558	603	13416
Cellulitis	1996	2099	1944	1135	1091	499	282	397	7447
	1997	2332	2038	1006	1305	558	248	398	7885
Cervical cancer	1996	104	383	150	126	43	35	27	868
	1997	100	400	141	118	41	17	30	847
COPD	1996	7224	2049	140	1371	429	205	173	11591
	1997	8078	2244	196	1610	489	283	276	13176
CHF	1996	15205	4068	500	3257	840	451	566	24887
	1997	15859	4170	528	3507	877	444	577	25962
Convulsions	1996	1239	1343	175	792	263	169	268	4249
	1997	1373	1321	154	740	269	180	303	4340
Dehydration	1996	3772	3215	99	1442	716	393	224	9861
	1997	3980	2887	126	1498	648	400	265	9804
Diabetes	1996	2185	2282	1018	1298	433	282	610	8108
	1997	2349	2447	1089	1447	462	300	600	8694
ENT infection	1996	103	894	73	287	106	88	76	1627
	1997	135	868	81	365	112	78	71	1710
Failure to thrive	1996	0	51	1	15	9	2	1	79
	1997	0	35	0	18	5	1	2	61
Gastroenteritis	1996	613	1606	147	702	288	261	152	3769
	1997	650	1613	153	798	312	217	177	3920
Grand mal	1996	434	589	89	286	96	92	98	1684
	1997	382	590	103	254	113	113	104	1659
Hypertension	1996	764	609	275	261	132	131	156	2328
	1997	825	604	335	282	140	106	157	2449
Hypoglycemia	1996	72	35	6	22	11	11	10	167
	1997	53	31	12	29	10	3	9	147
Immunization	1996	8	173	15	48	11	9	12	276
	1997	9	67	9	34	13	4	12	148
Nutritional	1996	48	14	2	8	8	5	1	86
	1997	42	20	3	11	6	6	3	91
PID	1996	42	508	172	419	188	139	75	1543
	1997	42	401	175	411	178	82	126	1415
Pneumonia	1996	10266	6668	625	3492	1228	658	623	23560
	1997	11477	6260	727	3692	1275	579	581	24591
Syphilis, congenital	1996	0	144	4	10	3	2	19	182
	1997	0	136	15	7	1	0	9	168
TB, pulmonary	1996	147	243	114	56	22	9	64	654
	1997	129	205	117	31	18	14	55	569
TB, other	1996	41	90	20	22	10	6	19	208
	1997	33	67	15	24	4	10	11	164
UTI	1996	5383	3412	398	1724	576	345	334	12172
	1997	5824	3212	480	1891	647	341	388	12783
Totals	1996	53647	36745	6043	20775	7074	4420	4724	133428
	1997	57606	35964	6351	22707	7435	4198	5027	139288

Note: 1 case in 1996 and 4 in 1997 had missing insurance status.

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 9. Number of ACSC Admissions by Discharge Status and Year

ACSC	Year	Home	Same Hospital	Other Hospital	HHA	AMA	Died	Other	Totals
Anemia	1996	27	0	0	1	0	0	0	28
	1997	38	0	0	0	1	0	0	39
Angina	1996	4442	61	830	110	168	11	45	5667
	1997	4032	60	866	87	158	9	38	5250
Asthma	1996	11409	163	268	313	148	36	49	12386
	1997	12311	190	295	320	225	34	42	13417
Cellulitis	1996	5561	467	462	606	233	14	104	7447
	1997	5877	548	566	556	200	15	123	7885
Cervical cancer	1996	761	8	18	48	2	28	3	868
	1997	765	6	17	33	4	21	1	847
COPD	1996	7553	991	1191	1159	183	323	190	11590
	1997	8647	1156	1344	1179	226	371	253	13176
CHF	1996	16797	1422	2619	2439	361	949	298	24885
	1997	17624	1622	2771	2175	428	1011	331	25962
Convulsions	1996	3179	201	439	203	104	27	96	4249
	1997	3165	234	477	181	129	34	120	4340
Dehydration	1996	7377	506	1032	531	76	208	131	9861
	1997	7109	658	1081	500	89	204	163	9804
Diabetes	1996	6170	283	573	727	195	80	80	8108
	1997	6551	359	659	688	238	98	102	8695
ENT infection	1996	1561	9	17	28	6	0	6	1627
	1997	1643	12	20	17	16	1	2	1711
Failure to thrive	1996	64	0	4	9	1	0	1	79
	1997	47	1	3	7	3	0	0	61
Gastroenteritis	1996	3552	34	58	62	26	7	30	3769
	1997	3666	38	68	71	46	7	24	3920
Grand mal	1996	1295	61	177	67	23	29	33	1685
	1997	1314	68	159	42	27	18	31	1659
Hypertension	1996	2057	30	90	68	50	7	26	2328
	1997	2156	44	83	68	52	7	39	2449
Hypoglycemia	1996	118	6	24	11	3	3	2	167
	1997	106	5	17	7	6	3	3	147
Immunization	1996	249	3	4	15	0	5	0	276
	1997	118	3	14	10	1	2	0	148
Nutritional	1996	35	12	21	10	0	5	3	86
	1997	36	17	19	13	1	4	1	91
PID	1996	1481	11	7	19	21	0	4	1543
	1997	1353	6	12	21	17	2	4	1415
Pneumonia	1996	15627	1661	3018	1557	221	1182	294	23560
	1997	15724	1888	3497	1521	230	1393	337	24590
Syphilis, congenital	1996	160	0	6	15	0	1	0	182
	1997	153	0	2	13	0	0	0	168
TB, pulmonary	1996	486	9	59	37	21	22	21	655
	1997	405	16	51	28	24	29	16	569
TB, other	1996	145	21	22	8	1	7	4	208
	1997	119	8	18	6	1	9	3	164
UTI	1996	8011	807	2072	863	71	161	187	12172
	1997	8394	972	2144	775	112	151	235	12783
Totals	1996	98117	6766	13011	8906	1914	3105	1607	133426
	1997	101353	7911	14183	8318	2234	3423	1868	139290

Note: Same hospital = transferred to subacute or long-term care within same hospital. Other hospital = transferred to different hospital for acute, subacute, or long-term care. HHA = home health agency. AMA = left against medical advice. 3 cases in 1996 and 2 in 1997 missing discharge status.

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 10. Total Days of Hospital Inpatient Care for ACSC Admissions by SPA and Year

ACSC	Year	Ante-lope	San Fernando	San Gabriel	Metro	West	South	East	South Bay	Totals
Anemia	1996	0	15	21	7	1	7	1	21	73
	1997	1	15	23	19	0	21	13	18	110
Angina	1996	420	2121	2602	1844	415	1579	1948	1884	12813
	1997	317	1851	2320	1624	372	1561	1693	1768	11506
Asthma	1996	1070	5911	6211	5106	1379	6801	5616	7845	39939
	1997	1345	6402	6400	5566	1739	7685	6199	8145	43481
Cellulitis	1996	670	5572	4506	5010	1950	3898	4514	5360	31480
	1997	698	5949	4911	4844	1935	3920	4823	5342	32422
Cervical cancer	1996	92	664	739	766	232	669	497	627	4286
	1997	153	617	660	770	255	871	667	545	4538
COPD	1996	2854	12264	11253	8803	4130	6926	7925	11426	65581
	1997	3417	13868	13049	8954	4772	7917	9182	12188	73347
CHF	1996	3828	21571	21072	18398	7197	17083	16474	17537	123160
	1997	3585	24977	22964	18112	7673	16551	16910	17201	127973
Convulsions	1996	410	2302	2414	2063	867	1836	1978	2231	14101
	1997	523	2503	2556	1907	922	2184	2145	2135	14875
Dehydration	1996	1154	6292	5576	4825	2574	4410	5708	4715	35254
	1997	926	6736	6083	5049	2249	4630	5278	4523	35474
Diabetes	1996	1070	4905	5587	5498	1285	6098	5823	5776	36042
	1997	940	5763	6113	5384	1564	6044	6434	6106	38348
ENT infection	1996	87	569	657	588	183	714	800	729	4327
	1997	104	675	631	659	118	697	750	727	4361
Failure to thrive	1996	29	81	63	21	6	198	25	242	665
	1997	29	54	51	12	67	58	83	205	354
Gastroenteritis	1996	186	1212	1522	1613	323	1451	1781	1425	9513
	1997	205	1610	1363	1609	338	1354	1738	1408	9625
Grand mal	1996	150	1336	1371	922	328	1600	865	1072	7644
	1997	194	1549	1458	981	416	1378	913	971	7860
Hypertension	1996	182	919	1036	1056	226	1373	806	979	6577
	1997	171	912	1048	1137	287	1375	957	942	6829
Hypoglycemia	1996	29	60	80	111	55	95	70	92	592
	1997	11	66	90	73	28	80	76	60	484
Immunization	1996	21	200	384	322	32	507	324	426	2216
	1997	20	378	159	175	44	278	133	145	1332
Nutritional	1996	22	178	111	108	12	61	66	92	650
	1997	104	126	118	179	51	107	17	50	752
PID	1996	138	815	682	645	252	997	604	997	5130
	1997	104	820	753	543	290	955	580	819	4864
Pneumonia	1996	3818	23045	25551	17280	8403	14636	21048	19529	133310
	1997	4123	25384	26002	17495	7662	16181	21070	19397	137314
Syphilis, congenital	1996	15	62	36	159	45	1227	74	147	1765
	1997	30	278	27	283	0	1039	94	163	1914
TB, pulmonary	1996	83	1026	1161	2808	265	1714	979	1595	9631
	1997	27	891	1150	1388	414	1552	767	966	7155
TB, other	1996	40	314	636	720	194	464	184	183	2735
	1997	46	247	577	588	129	292	318	294	2491
UTI	1996	1375	10796	9409	8464	2536	6436	9340	8147	56503
	1997	1303	11150	10161	8009	2960	7072	9569	8447	58671
Totals	1996	17743	102230	102680	87137	32890	80780	87450	93077	603987
	1997	18376	112821	108667	85360	34218	83811	90384	92443	626080

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 11. Total Hospital Inpatient Charges for ACSC Admissions by SPA and Year (in \$1,000s)

ACSC	Year	Ante-lope	San	San	West	South	East	South	Totals
			Fern-ando	Gabriel				Bay	
Anemia	1996	0	33	44	17	0	13	2	137
	1997	0	41	53	46	0	65	22	278
Angina	1996	1230	5975	7427	4813	1535	4227	5447	36015
	1997	1030	5367	7353	4642	1313	4373	4809	33944
Asthma	1996	2845	17538	16366	14437	4662	17572	14629	110482
	1997	3887	18651	17753	15330	6222	21989	17176	124726
Cellulitis	1996	1216	12090	9278	11035	4421	8464	8857	11595
	1997	1553	13232	10246	11136	4655	9358	10278	11825
Cervical cancer	1996	312	2406	2424	2451	846	1766	1524	13749
	1997	753	2059	2564	2949	999	2837	2430	16439
COPD	1996	7336	37450	32094	25860	13031	20107	22780	35567
	1997	9475	43285	39043	27215	17947	25111	27027	37905
CHF	1996	10343	67020	62771	56134	24251	47402	47942	52032
	1997	10568	80931	72573	58648	28908	50769	52335	53601
Convulsions	1996	1167	6740	6552	5348	2878	4702	5350	6590
	1997	1499	7618	7526	5751	3108	5909	6074	6224
Dehydration	1996	2394	15162	12780	11148	8947	9070	12166	10118
	1997	2146	17317	14317	12676	6416	10839	11288	10578
Diabetes	1996	2521	13258	14115	13949	3639	15398	14378	15316
	1997	2475	16684	16631	14362	5407	16617	17571	16813
ENT infection	1996	205	1360	1434	1560	606	1602	1805	1855
	1997	237	1707	1572	1659	390	1849	1709	1925
Failure to thrive	1996	47	126	88	34	11	472	32	1110
	1997	51	90	87	26	0	183	56	97
Gastroenteritis	1996	385	2658	3164	4100	1070	3002	3338	3129
	1997	559	3460	2988	3399	832	3063	3697	3277
Grand mal	1996	470	5222	4143	2573	1286	5090	2476	3499
	1997	457	4739	6038	3955	1594	4852	2494	3132
Hypertension	1996	510	2738	2483	2749	756	3830	2084	2617
	1997	588	2935	2732	3066	903	4154	2574	2918
Hypoglycemia	1996	104	204	217	326	156	231	164	266
	1997	27	182	202	204	108	208	188	158
Immunization	1996	29	644	1162	736	159	1369	834	1534
	1997	48	1566	684	622	211	829	388	503
Nutritional	1996	46	437	298	324	42	102	186	255
	1997	216	321	334	664	110	290	45	96
PID	1996	387	2614	2012	2025	800	2688	1772	2641
	1997	321	2757	2315	1904	876	2789	1769	2354
Pneumonia	1996	9947	67332	72609	50222	28887	38584	57759	53462
	1997	12582	76085	79514	52355	27863	47290	63536	54588
Syphilis, congenital	1996	18	113	59	440	222	3615	223	321
	1997	61	945	22	608	3574	138	138	368
TB, pulmonary	1996	161	2266	2776	5917	555	4029	2134	3733
	1997	72	2237	3314	3543	895	4653	1681	2442
TB, other	1996	223	963	1991	1981	719	1416	679	494
	1997	201	789	2629	1960	375	1009	969	545
UTI	1996	2981	25701	21570	19999	6382	14667	20933	18907
	1997	3195	27750	24873	19540	8590	17014	22102	20557
Totals	1996	44887	290049	277858	238178	105860	209416	227492	254881
	1997	51999	330750	315363	246259	117720	239624	250356	260581

Appendix 1:
ACSC Admissions by SPA and Demographic Characteristics

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 12. Total Number of ACSC Admissions by SPA, Race/Ethnicity, and Year

SPA	Year	White	Latino	African American	Asian American	Native American	Other	Totals
Antelope	1996	2899	526	572	73	5	18	4093
	1997	2828	564	627	81	4	17	4121
San Fernando	1996	15095	4842	1027	875	28	611	22478
	1997	16265	5352	1051	932	35	679	24314
San Gabriel	1996	10645	7314	1988	2391	21	339	22698
	1997	11243	7951	2047	2580	30	316	24167
Metro	1996	6029	7105	2084	1723	21	607	17569
	1997	6169	7095	2149	1802	27	544	17786
West	1996	4758	738	747	236	8	102	6589
	1997	5049	676	762	237	9	99	6832
South	1996	1222	5941	10588	203	13	152	18119
	1997	1235	6006	11080	203	20	238	18782
East	1996	7120	11011	802	791	45	440	20209
	1997	7520	11394	862	815	32	483	21106
South Bay	1996	9661	4856	4897	1884	52	324	21674
	1997	9831	4778	5169	1858	65	483	22184
Totals	1996	57429	42333	22705	8176	193	2593	133429
	1997	60140	43816	23747	8508	222	2859	139292

Table 13. Total Number of ACSC Admissions by SPA, Gender, and Year

SPA	Year	Male	Female	Totals
Antelope	1996	1804	2289	4093
	1997	1803	2318	4121
San Fernando	1996	9811	12667	22478
	1997	10579	13735	24314
San Gabriel	1996	9811	12832	22698
	1997	10041	13626	24167
Metro	1996	8116	9452	17568
	1997	8251	9535	17786
West	1996	2856	3732	6588
	1997	2949	3883	6832
South	1996	7913	10203	18116
	1997	8245	10537	18782
East	1996	8778	11431	20209
	1997	9139	11967	21106
South Bay	1996	9584	12089	21673
	1997	9914	12270	22814
Totals	1996	58728	74695	133423
	1997	61421	77871	139292

Note: 6 cases in 1996 had missing gender.

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 14. Total Number of ACSC Admissions by SPA, Age Category, and Year

SPA	Year	<1	1-4	5-14	15-24	25-44	45-64	65+	Totals
Antelope	1996	179	338	247	138	592	851	1758	4093
	1997	167	312	215	151	583	941	1752	4121
San Fernando	1996	768	979	804	650	2787	4267	12223	22478
	1997	782	1049	797	636	2792	4654	13604	24314
San Gabriel	1996	1178	1468	1074	643	2648	4484	11203	22698
	1997	1172	1602	1071	659	2657	4727	12279	24167
Metro	1996	829	1097	709	492	2373	3613	8456	17569
	1997	762	1076	622	524	2257	3752	8793	17786
West	1996	130	230	159	141	767	1146	4016	6589
	1997	95	228	183	121	791	1200	4214	6832
South	1996	1330	1572	1101	745	2935	4573	5863	18119
	1997	1225	1647	1182	767	2826	4854	6281	18782
East	1996	1284	1852	1208	695	2354	3870	8946	20209
	1997	1285	1805	1247	715	2426	4182	9446	21106
South Bay	1996	1053	1442	1076	704	3147	4664	9588	21674
	1997	907	1450	1133	670	3132	5180	9712	22184
Totals	1996	6751	8968	6378	4208	17603	27468	62053	133429
	1997	6395	9169	6450	4243	17464	29490	66081	139292

Table 15. Total Number of ACSC Admissions by SPA, Insurance Status, and Year

SPA	Year	Medicare	Medicaid	Other Govt.	HMO	PPO	FFS	Self-pay, Charity	Totals
Antelope	1996	1535	805	87	1057	225	202	182	4093
	1997	1532	784	120	1073	199	192	221	4121
San Fernando	1996	10589	4574	720	3462	1174	801	858	22478
	1997	11899	4689	718	3753	1696	750	809	24314
San Gabriel	1996	9259	5711	455	4334	1509	652	777	22697
	1997	10609	5560	454	4349	1577	684	933	24166
Metro	1996	6940	6065	953	1517	786	496	812	17569
	1997	7290	5590	935	1774	811	453	923	17785
West	1996	3265	744	211	1232	645	287	205	6589
	1997	3472	761	194	1379	590	247	189	6832
South	1996	5392	7235	1513	2334	429	445	771	18119
	1997	5539	7128	1712	2828	386	386	803	18782
East	1996	7740	6334	670	3198	925	763	579	20209
	1997	8241	6177	766	3361	1105	824	632	21106
South Bay	1996	8927	5277	1434	3641	1081	774	540	21674
	1997	9024	5266	1452	4190	1071	662	517	22182
Totals	1996	53647	36745	6043	20775	7074	4420	4724	133428
	1997	57606	35964	6351	22707	7435	4198	5027	139288

Note: 1 case in 1996 and 4 in 1997 had missing insurance status.

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 16. Total Number of ACSC Admissions by SPA, Discharge Status, and Year

SPA	Year	Home	Same	Other	HHA	AMA	Died	Other	Totals
			Hospital	Hospital					
Antelope	1996	3169	126	300	326	47	104	21	4093
	1997	3012	258	373	259	64	128	27	4121
San Fernando	1996	15349	1850	2445	1609	267	597	359	22376
	1997	16397	2257	2666	1611	304	661	418	24314
San Gabriel	1996	16170	1645	2593	1252	270	590	178	22698
	1997	17290	1658	2833	1163	297	704	222	24167
Metro	1996	12540	607	1843	1484	383	426	286	17569
	1997	12530	805	2003	1273	433	417	325	17786
West	1996	4571	376	631	624	121	179	87	6589
	1997	4654	414	700	609	90	218	147	6832
South	1996	14961	385	1146	853	317	270	187	18119
	1997	15258	549	1217	834	394	302	227	18781
East	1996	15508	455	1978	1361	235	471	201	20209
	1997	16117	608	2155	1257	306	483	180	21106
South Bay	1996	15849	1322	2075	1397	274	468	288	21673
	1997	16095	1362	2236	1312	346	510	322	22183
Totals	1996	98117	6766	13011	8906	1914	3105	1607	133426
	1997	101353	7911	14183	8318	2234	3423	1868	139290

Note: Same hospital = transferred to subacute or long-term care within same hospital. Other hospital = transferred to different hospital for acute, subacute, or long-term care. HHA = home health agency. AMA = left against medical advice. 3 cases in 1996 and 2 in 1997 had missing discharge status.

**Appendix 2: Definition of Age and Gender Groups for Calculating
Admission Rates per 100,000**

Hospital Admissions for Ambulatory Care Sensitive Conditions in L.A. County: 1996-1997

Table 17. Age and Gender Groups Used to Calculate Admission Rates per 100,000

ACSC	Age Groups	Gender Groups
Anemia	0-4	Male, Female
Angina	25+	Male, Female
Asthma	All	Male, Female
Cellulitis	All	Male, Female
Cervical cancer	25+	Female
COPD	25+	Male, Female
CHF	25+	Male, Female
Convulsions	All	Male, Female
Dehydration	All	Male, Female
Diabetes	5+	Male, Female
ENT infection	All	Male, Female
Failure to thrive	<1	Male, Female
Gastroenteritis	All	Male, Female
Grand mal	All	Male, Female
Hypertension	25+	Male, Female
Hypoglycemia	25+	Male, Female
Immunization	All	Male, Female
Nutritional	All	Male, Female
PID	15-64	Female
Pneumonia	All	Male, Female
Syphilis, congenital	<1	Male, Female
TB, pulmonary	25+	Male, Female
TB, other	25+	Male, Female
UTI	All	Male, Female

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