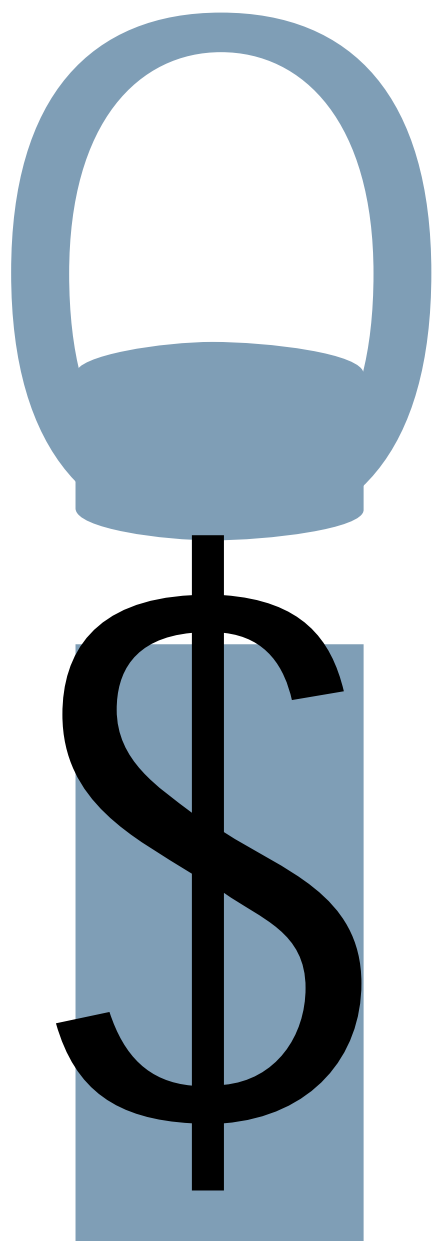


Child and Adolescent Hospitalizations for Most Frequent and Expensive Conditions in Utah



Office of Health Care Statistics
August 1999

Child and Adolescent Hospitalizations for Most Frequent and Expensive Conditions in Utah Feedback Form

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Acknowledgments

This report on Child and Adolescent Hospitalization for Most Frequent and Expensive Conditions in Utah was produced by the **Office of Health Care Statistics (OHCS)**. The report was reviewed by, Dr. Robert Rolfs and Dr. Luis Paita. Multiple and extensive reviews by Dr. Rolfs have greatly improved the report.

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The source of data for this report was:

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Executive Summary

Reasons for hospitalization and patterns of morbidity and health care utilization tend to be different for children and adolescents than adults. Older people are more likely to be hospitalized for heart disease, and other chronic diseases. In contrast children and adolescents are most frequently hospitalized for an entirely different array of diseases and conditions examined in this report. This report focuses on Utah children and adolescents, age 0-19 years and presents a descriptive analysis of conditions resulting in the most frequent and expensive non-newborn hospitalizations. The primary source of data for this report was the Utah Hospital Inpatient Discharge Data, 1993-97 file, compiled by Office of Health Care Statistics, Utah Department of Health under the direction of Utah Health Data Committee.

The objectives of the study were:

1. To describe the most frequent and expensive conditions for which children and adolescents 0-19 years old (excluding newborns) are hospitalized in the state.
2. To provide the child and adolescent hospitalization profiles of small areas and local health districts and to examine the variation in hospitalization rates for selected conditions by age, and gender.
3. To examine and describe the financial impact of child and adolescent hospitalization in the state as measured by hospital charges.

Two methodological issues merit comment. First, this report does not include those hospitalizations of Utah young people that occurred in other states. Since these data were not available, it is plausible that hospitalization rates, especially in localities near the state borders, were underestimated. Second, since the unit of analysis was the discharge and not the individual, some individuals may have had more than one hospitalization in a year.

Some pertinent findings of this report are listed below:

- ! During 1993-1997 in Utah, there were 118,864 non-newborn discharges, which resulted in over \$866 million in hospital charges.
- ! Over the five year period of 1993-97, the 20 discharge conditions highlighted in this report, including vaginal deliveries and cesarean deliveries, accounted for 75,400 hospitalizations, 63.4% of all non-newborn discharges.

- ! These 20 conditions resulted in a total hospital charges of \$401,629,000, which accounted for 46.4% of the non-newborn charges for this age group in 1993 -97. The conditions with the highest total charges were unintentional injuries (\$122,579,261), pneumonia (\$50,434,908), depression (\$49,774,797) and vaginal deliveries (\$37,405,965). Conditions with the highest average hospital charges per discharge were manic-depressive illness (\$11,093), behavior disorders (\$9,625), and injuries due to assault (\$9,488).
- ! Of the conditions included in this report, the top five discharge conditions by volume were: vaginal deliveries with a total number of discharges as 14,967 (40.1 discharges per 10,000 persons age 0-19 and 316.2 per 10,000 females ages 15-19); 14,485 for unintentional injuries (38.8 per 10,000 persons age 0-19), 8,078 for pneumonia (21.6 per 10,000 persons age 0-19), 5,845 for depression (15.6 per 10,000 persons age 0-19), and 5,350 for bronchiolitis and bronchitis (14.3 per 10,000 persons age 0-19).
- ! The leading causes of hospitalization for children 0-4 years of age were bronchiolitis/bronchitis, pneumonia, unintentional injuries, dehydration and asthma; for children 5-9 years of age they were unintentional injuries, pneumonia, asthma, acute appendicitis and dehydration; for adolescence 10-14 year old, they were unintentional injuries, depression, pneumonia and asthma; and for those adolescents 15-19 years of age, they were vaginal deliveries, unintentional injuries, acute appendicitis, depression, cesarean deliveries, and acute appendicitis.
- ! Overall, girls in this age group appeared to have a higher rate of hospitalizations for all non-newborn discharges (354.4 per 10,000) than did boys (283.4 per 10,000). However, after deliveries were excluded, males were hospitalized at a higher rate (283.4 per 10,000) than girls (260.2 per 10,000). Boys had higher rates of hospitalization than girls for unintentional injuries, acute appendicitis, bronchiolitis/bronchitis, pneumonia, asthma, and acute laryngitis/tracheitis. Girls, on the other hand, had higher rates of hospitalization than males for depression, kidney/urinary tract infection and self inflicted injuries.
- ! Discharge rates for the conditions highlighted in the study varied among the health districts. For example, the discharge rate was much higher than the state rate in Tri-County Health District. Rates in this local health district were significantly higher than the state rate for 12 out of 22 conditions and were not significantly lower for any of the conditions. Summit County district was on the other end of the spectrum, with rates significantly lower than the state rates for 12 out of the 22 conditions, while the rate was significantly higher than the state for only one condition, unintentional injuries.

! Potentially important patterns of variation were observed among small areas for rates of hospitalization. For instance, Glendale had the highest overall rates of hospitalization for all non-newborn discharges. This area had significantly higher discharge rates (than the state rate) for six out of 22 conditions. South Jordan, on the other hand, had the lowest overall hospitalization rate, and rates in that area were significantly lower than the state rates for 14 out of the 22 conditions. Rates were not significantly higher than state rates for any of these conditions in South Jordan.

This report highlights some of the most frequent and expensive conditions for which Utah children and youth were hospitalized in 1993 through 1997. In communities where hospitalization rates were higher than expected, these data along with other information, can be used to target preventive efforts, to evaluate the primary care system, to improve parental education or to alert the health community to the need for interventions. Although the report describes hospitalization rates and their variations across geographic areas, it cannot provide the reasons for those differences. Additional information will be needed to determine whether the geographic differences are due to problems with access, or to economic, cultural or other factors.

Introduction

Children and adolescents tend to have a different pattern of morbidity and health care utilization than adults. While heart disease, cancer and other chronic diseases are the main threats to older people's health, children and adolescents are most frequently hospitalized for an entirely different array of diseases and conditions including injuries, asthma, depression etc. Morbidity patterns of children are important for guiding health policy, allocations of resources, and for identifying remediable conditions affecting children's health. However, in reports that focus on the whole population, patterns of hospitalization for children tend to be obscured. This report is intended to remedy that problem, focusing on the hospital rates of children.

This report examines the regional and community-level patterns of hospitalization of Utah children and adolescents (ages 0-19) for conditions that are among the most expensive and frequent. Most of the conditions included in this report were based on those used in a prior study by Virginia Department of Health and Center for Pediatric Research [4]. The conventional geographic categories used in reports by Utah Department of Health have been local health districts or counties. The distribution of population is very uneven across these geographic categories. Small area analysis allows analysis of units of optimum size, large enough to have stable rates yet small enough to identify homogenous communities. Small area analysis includes sixty-one areas identified in our earlier reports [2,3] with an average 1997 population size of 33,500 persons. By providing the child and adolescent hospitalization profiles of small areas and local health districts, this report aims to promote understanding of health care utilization patterns and gaps for Utahns in this age group.

In addition to area profiles, we have presented maps that depict rates for the selected conditions by small areas. For each of the selected conditions, two maps are presented. The first map provides information on all sixty-one areas in the state. In this map, areas constituting Wasatch Front (urban counties) are relatively small and hard to identify. The second map focuses just on the Wasatch Front. The numbers on the map represent the small areas, the list of which is provided on inside of the back cover. The map shadings indicate rate ranges. The report also examines the variation in rates of hospitalization by age and gender, and charges associated with child and adolescent hospitalizations.

Findings

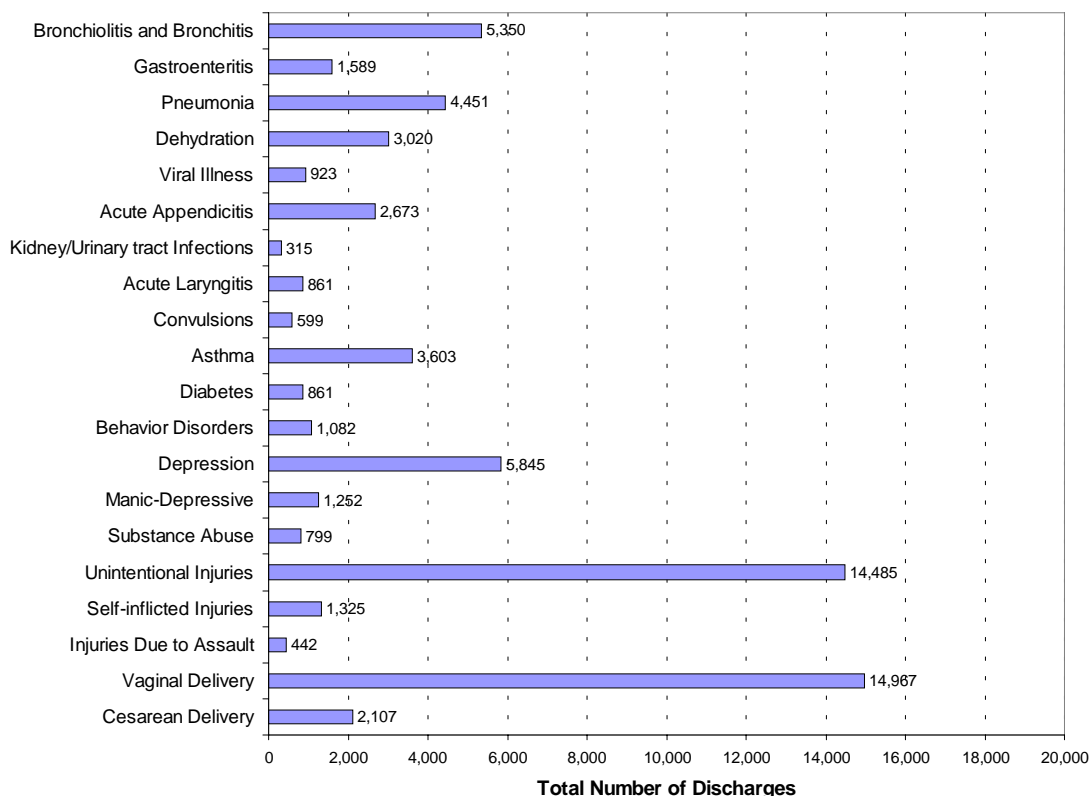
Findings

Numbers and rates of discharges.

Over the five year period of 1993-97, there were a total of 118,864 non-newborn discharges for Utah residents ages 0-19. Of these, 75,400 discharges occurred for the 20 discharge conditions highlighted in this report (including vaginal deliveries and cesarean deliveries) accounting for 63.4% of all non-newborn discharges.

The condition for which Utah's youth were most often hospitalized was vaginal deliveries with 14,967 discharges (40.1 discharges per 10,000 persons age 0-19 and 316.2 per 10,000 females age 15-19); unintentional injuries numbering 14,485 (38.8 per 10,000 persons), pneumonia with 8,078 cases (21.6 per 10,000), depression totaling for 5,845 cases (15.6 per 10,000 persons) and bronchiolitis and bronchitis with 5,350 discharges (14.3 per 10,000).

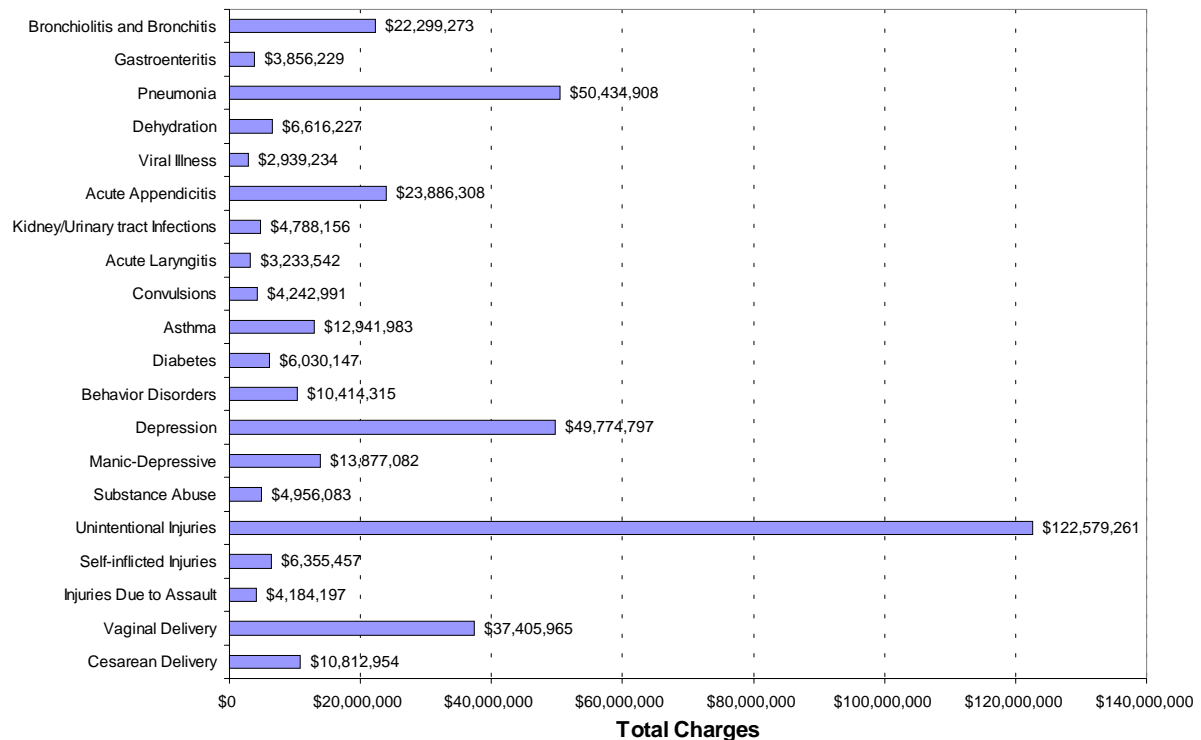
Figure 1. Total Numbers of Hospital Discharges (5 year totals) for Selected Conditions for Utah Residents 0-19, 1993-97



Total and average charges:

Hospitalizations of Utah residents (non-newborn) age 0-19 resulted in over \$866 million in hospital charges over the period of five years from 1993-97. The average charge for all non new born discharges was \$7,339. The 20 conditions, included in this report, resulted in total hospital charges of \$401,629,000, which accounted for 46.4% of all non-newborn hospital charges, for Utahns in this age group, in 1993 -97. The conditions that constituted the highest percentages of total charges were unintentional injuries (\$122,579,261) and depression (\$49,774,797) which accounted for 12.2% and 4.9% of non-newborn discharges in this age group respectively. Conditions with highest average hospital charges per hospitalization, were manic-depressive illness (\$11,093), behavior disorders (\$9,625), and injuries due to assault (\$9,488).

**Figure 2. Total Amount of Hospital Charges (5 year total) for Selected Conditions
Utah Residents 0-19, 1993-97**



Variation by Gender and Age

The rate of hospitalizations for all non-newborn discharges among Utah residents was higher for females (354.4 per 10,000) than males (283.4 per 10,000) (Table 1). However, once deliveries were excluded, males were hospitalized at a higher rate (283.4 per 10,000) than females (260.2 per 10,000).

Hospitalization rates were highest for females in the age group 15-19 (689.9 per 10,000), while hospitalization rates were highest for males in the age group 0-4 years (515.6 per 10,000). The difference was due to the frequency of deliveries in the 15-19 year age group.

Our analysis revealed different patterns of morbidity for boys and girls. Boys had higher rates of hospitalization than girls for unintentional injuries (46.9 per 10,000 vs. 30.3 per 10,000), bronchiolitis/bronchitis (16.5 per 10,000 vs. 12.0 per 10,000), pneumonia (23.4 per 10,000 vs. 19.8 per 10,000), asthma (11.0 per 10,000 vs. 8.2 per 10,000), and behavior disorders (3.8 per 10,000 vs. 2.0 per 10,000). Females, on the other hand, had higher rates of hospitalization than males for depression (19.0 per 10,000 vs. 12.5 per 10,000), kidney and urinary tract infections (6.3 per 10,000 vs. 1.7 per 10,000) and self inflicted injuries (4.8 per 10,000 vs. 2.3 per 10,000).

Figure 3 presents frequencies of hospitalization for the most common conditions by age group and table 4 shows hospital charges. Among children 0-4 years old, the highest number of discharges occurred for pneumonia (5,967 discharges), totaling over \$50 million in hospital charges. The second leading cause of hospitalization was, bronchiolitis and bronchitis (5,205 discharges), followed by unintentional injuries, dehydration, and asthma.

Among youth ages 5-9 years, unintentional injuries (2,439 discharges), was the most frequent condition, and accounted for the greatest amount of charges (\$16,525,932). The next most common conditions were pneumonia (821 discharges), asthma (919 discharges, and \$3,286,368 in charges), acute appendicitis (785), and dehydration (362 discharges). The top condition for hospitalization among 10-14 years-olds was unintentional injuries (3,053), which accounted for more than \$24 million in hospital charges. Depression followed with 1,770 discharges and approximately \$17 million in hospital charges, acute appendicitis follows with 1,898 discharges and approximately \$9 million in charges. The leading reason for hospitalization of youth 15-19 was vaginal deliveries (14,835 discharges and \$37 million in charges), unintentional injuries (5,127 discharges and \$49 million in charges), followed by depression (3,891 discharges and \$29 million in charges), and cesarean deliveries 2,087 discharges and \$11 million in charges).

Table 1: Number And Rate of Hospital Discharges Per 10,000 Children 0-19 By Gender And Age, Inpatient Discharges From Utah Hospitals:1993-97

Males

Category of Diagnosis	__0-4 Years__		__5-9 Years__		__10-14 Years__		__15-19 Years__		__0-19 Years__	
	Number*	Rate	Number*	Rate	Number*	Rate	Number*	Rate	Number*	Rate
All Non-newborn Discharges	25,220	515.6	6,814	147.9	8,669	178.9	13,227	282.3	53,930	283.4
Bronchiolitis and Bronchitis	3,071	62.8	52	1.1	15	0.3	11	0.2	3,149	16.5
Gastroenteritis	599	12.2	85	1.8	72	1.5	70	1.5	826	4.3
Pneumonia	3,379	69.1	509	11.0	290	6.0	273	5.8	4,451	23.4
Dehydration	1,284	26.3	195	4.2	72	1.5	79	1.7	1,630	8.6
Viral Illness	380	7.8	41	0.9	32	0.7	54	1.2	507	2.7
Acute Appendicitis	79	1.6	432	9.4	1,089	22.5	1,073	22.9	2,673	14.0
Kidney/Urinary tract Infection	209	4.3	48	1.0	33	0.7	25	0.5	315	1.7
Acute Laryngitis/tracheiitis	729	14.9	104	2.3	18	0.4	10	0.2	861	4.5
Convulsions	392	8.0	100	2.2	60	1.2	47	1.0	599	3.1
Asthma	1,086	22.2	552	12.0	334	6.9	129	2.8	2,101	11.0
Diabetes	85	1.7	150	3.3	250	5.2	331	7.1	816	4.3
Behavior Disorders	10	0.2	165	3.6	304	6.3	244	5.2	723	3.8
Depression	4	0.1	125	2.7	720	14.9	1,523	32.5	2,372	12.5
Manic-Depressive	3	0.1	70	1.5	247	5.1	361	7.7	681	3.6
Substance Abuse	4	0.1	.	.	38	0.8	471	10.1	513	2.7
Unintentional Injuries	2,291	46.8	1,461	31.7	1,957	40.4	3,224	68.8	8,933	46.9
Self-inflicted Injuries	18	0.4	3	0.1	56	1.2	364	7.8	441	2.3
Injuries Due to Assault	63	1.3	7	0.2	30	0.6	245	5.2	345	1.8

(Continues)

* Five-year total number of discharges

**Table 1: Number And Rate of Hospital Discharges Per 10,000 Children 0-19 By Gender And Age,
Inpatient Discharges From Utah Hospitals:1993-97**

Females

Category of Diagnosis	__0-4 Years__		__5-9 Years__		__10-14 Years__		__15-19 Years__		__0-19 Years__	
	Number*	Rate	Number*	Rate	Number*	Rate	Number*	Rate	Number*	Rate
All Non-newborn Discharges	19,088	412.9	5,164	118.0	8,015	174.7	32,658	689.9	64,925	354.4
Bronchiolitis and Bronchitis	2,134	46.2	36	0.8	13	0.3	18	0.4	2,201	12.0
Gastroenteritis	500	10.8	86	2.0	76	1.7	101	2.1	763	4.2
Pneumonia	2,588	56.0	430	9.8	327	7.1	282	6.0	3,627	19.8
Dehydration	1,014	21.9	167	3.8	83	1.8	126	2.7	1,390	7.6
Viral Illness	287	6.2	31	0.7	34	0.7	64	1.4	416	2.3
Acute Appendicitis	68	1.5	357	8.2	809	17.6	871	18.4	2,105	11.5
Kidney/Urinary tract Infection	603	13.0	188	4.3	88	1.9	280	5.9	1,159	6.3
Acute Laryngitis/tracheitis	404	8.7	46	1.1	16	0.3	13	0.3	479	2.6
Convulsions	359	7.8	63	1.4	62	1.4	59	1.2	543	3.0
Asthma	638	13.8	367	8.4	270	5.9	227	4.8	1,502	8.2
Diabetes	67	1.4	132	3.0	341	7.4	442	9.3	982	5.4
Behavior Disorders	2	0.0	38	0.9	142	3.1	177	3.7	359	2.0
Depression	7	0.2	48	1.1	1,050	22.9	2,368	50.0	3,473	19.0
Manic-Depressive	3	0.1	14	0.3	179	3.9	375	7.9	571	3.1
Substance Abuse	.	.	.	.	39	0.9	247	5.2	286	1.6
Unintentional Injuries	1,574	34.0	978	22.3	1,096	23.9	1,903	40.2	5,551	30.3
Self-inflicted Injuries	20	0.4	5	0.1	189	4.1	670	14.2	884	4.8
Injuries Due to Assault	37	0.8	7	0.2	15	0.3	38	0.8	97	0.5
All Deliveries****	.	.	.	.	148	3.2	17,103	361.3**	17,256	94.2
Vaginal Delivery	.	.	.	.	128	2.8	14,835	313.4**	14,967	81.7
Cesarean Delivery	.	.	.	.	19	0.4	2,087	44.1**	2,107	11.5

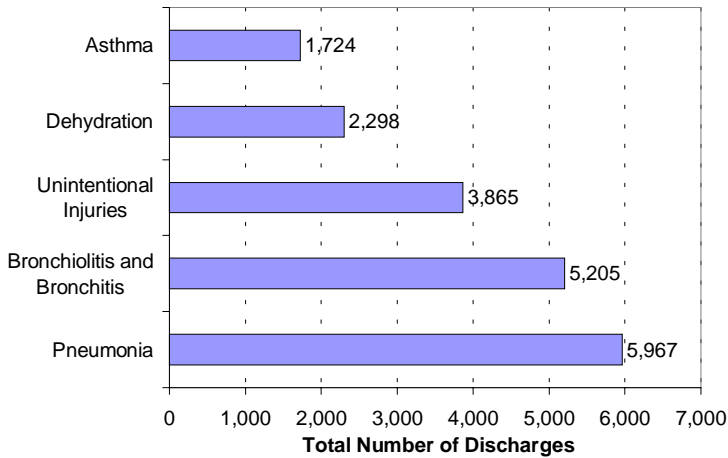
* Five-year total number of discharges

** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19. The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

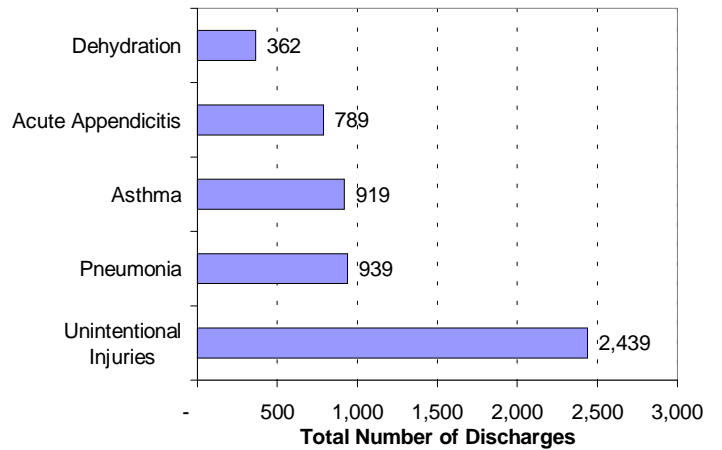
SOURCE: Utah Hospital Discharge Database, 1993-97, Utah Department of Health.

Figure 3: Five Year Total Number of Hospital Discharges for Top Five Hospital Discharge Conditions by Frequency, and by 5-Year Age Groups Utah Residents 0-19, 1993-97

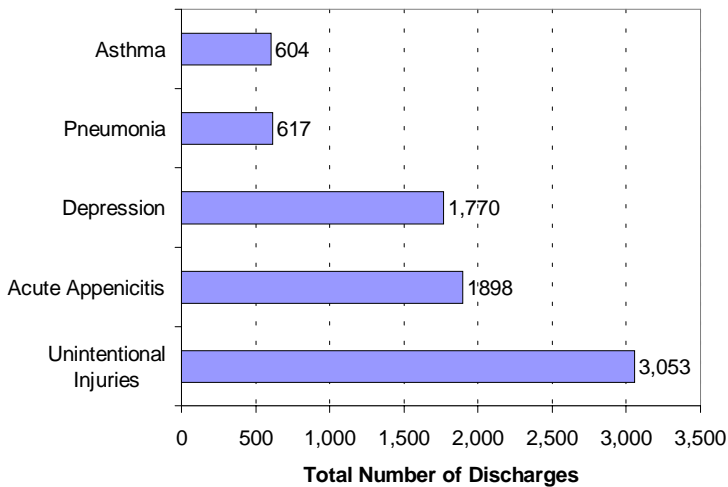
Ages 0 to 4



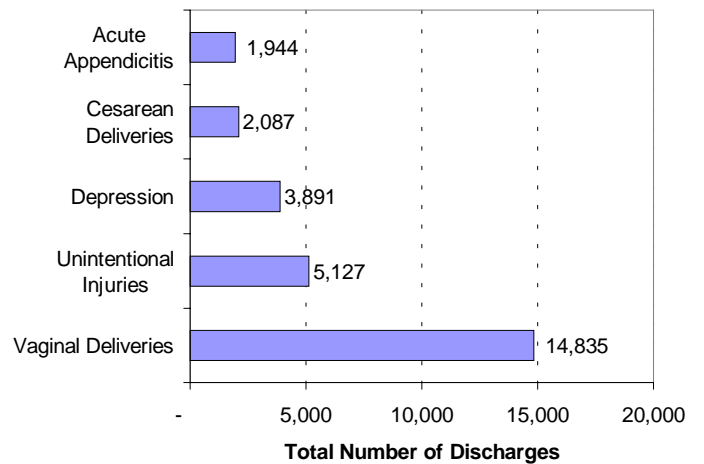
Ages 5 to 9



Ages 10 to 14



Ages 15-19



Variation by Type of Payer

Table 2 shows the percentage distribution of hospital discharges for the selected conditions by type of primary payer. Medicaid and managed care were primary payers for over 54% of all non-newborn discharges. The condition covered most frequently (51.9%) by Medicaid as primary payer was cesarean delivery. Vaginal deliveries (47.0%) bronchiolitis and bronchitis (37.5%) were the next most frequently covered conditions by Medicaid.

Although there is not an uninsured category in the database, the self pay category represents some of the hospital discharges for the uninsured persons. Approximately 4.0% of all non-newborn discharges had self pay as primary payer category. It is interesting to note that of all the conditions for which the primary payer is self pay, injuries due to assault had relatively higher proportion covered by self pay (15%) than any other condition.

Table 2: Percentage Distribution of Hospital Discharges for Persons 0-19 By Payer Category, Inpatient Discharges from Utah Hospitals: 1993-97

Category of Diseases	Medicaid	Other Govern- ment	Blue Cross /Blue Shield	Other Commer- cial	Managed Care	Self Pay	Unknown /Other	Not Reported	Total Percent	Total No. of Dischrges
All Non-newborn Discharges	27.14	3.69	8.90	24.45	27.57	4.04	3.05	1.16	100.0	118,864
Bronchiolitis and Brnchtis	37.46	2.36	8.22	19.46	27.03	2.79	1.36	1.33	100.0	5,350
Gastroenteritis	23.98	2.71	9.31	21.59	32.54	4.53	4.47	0.88	100.0	1,589
Pneumonia	34.85	2.95	8.50	20.18	26.32	3.86	2.14	1.20	100.0	8,078
Dehydration	25.10	3.18	9.83	23.05	31.56	4.07	2.22	0.99	100.0	3,020
Viral Illness	32.50	1.95	8.67	20.04	26.87	4.66	4.01	1.30	100.0	923
Acute Appendicitis	9.48	3.20	12.60	28.59	35.79	5.92	3.08	1.34	100.0	4,778
Kidney/Urinary tract Infctn	27.14	3.19	10.24	24.90	26.73	4.55	2.78	0.47	100.0	1,474
Acute Laryngitis/tracheiits	20.00	2.84	10.15	24.25	32.84	5.00	3.36	1.57	100.0	1,340
Convulsions	30.97	4.46	8.22	24.58	25.72	3.85	1.66	0.52	100.0	1,143
Asthma	26.70	2.64	9.05	22.65	31.56	3.80	2.53	1.08	100.0	3,603
Diabetes	15.18	4.17	13.07	24.64	33.82	4.23	3.34	1.56	100.0	1,798
Behavior Disorders	26.43	11.92	6.65	24.95	19.87	3.05	5.27	1.85	100.0	1,082
Depression	14.01	7.94	9.84	29.63	28.62	3.08	5.25	1.63	100.0	5,845
Manic-Depressive	19.89	10.14	7.75	27.48	23.88	4.47	4.63	1.76	100.0	1,252
Substance Abuse	6.26	7.63	7.13	33.54	34.67	4.01	4.38	2.38	100.0	799
Unintentional Injuries	15.89	3.51	8.96	36.53	25.70	4.76	3.86	0.80	100.0	14,485
Self-inflicted Injuries	14.26	5.21	9.96	26.42	30.49	7.62	4.00	2.04	100.0	1,325
Injuries Due to Assaults	24.21	6.56	6.11	17.19	26.92	14.93	2.71	1.36	100.0	442
All Deliveries****	47.65	2.60	4.08	12.13	23.64	5.10	3.61	1.19	100.0	17,256
Vaginal Delivery	47.02	2.57	4.08	12.27	23.87	5.30	3.66	1.23	100.0	14,967
Cesarean Delivery	51.87	2.85	3.94	11.34	22.02	3.56	3.56	0.85	100.0	2,107

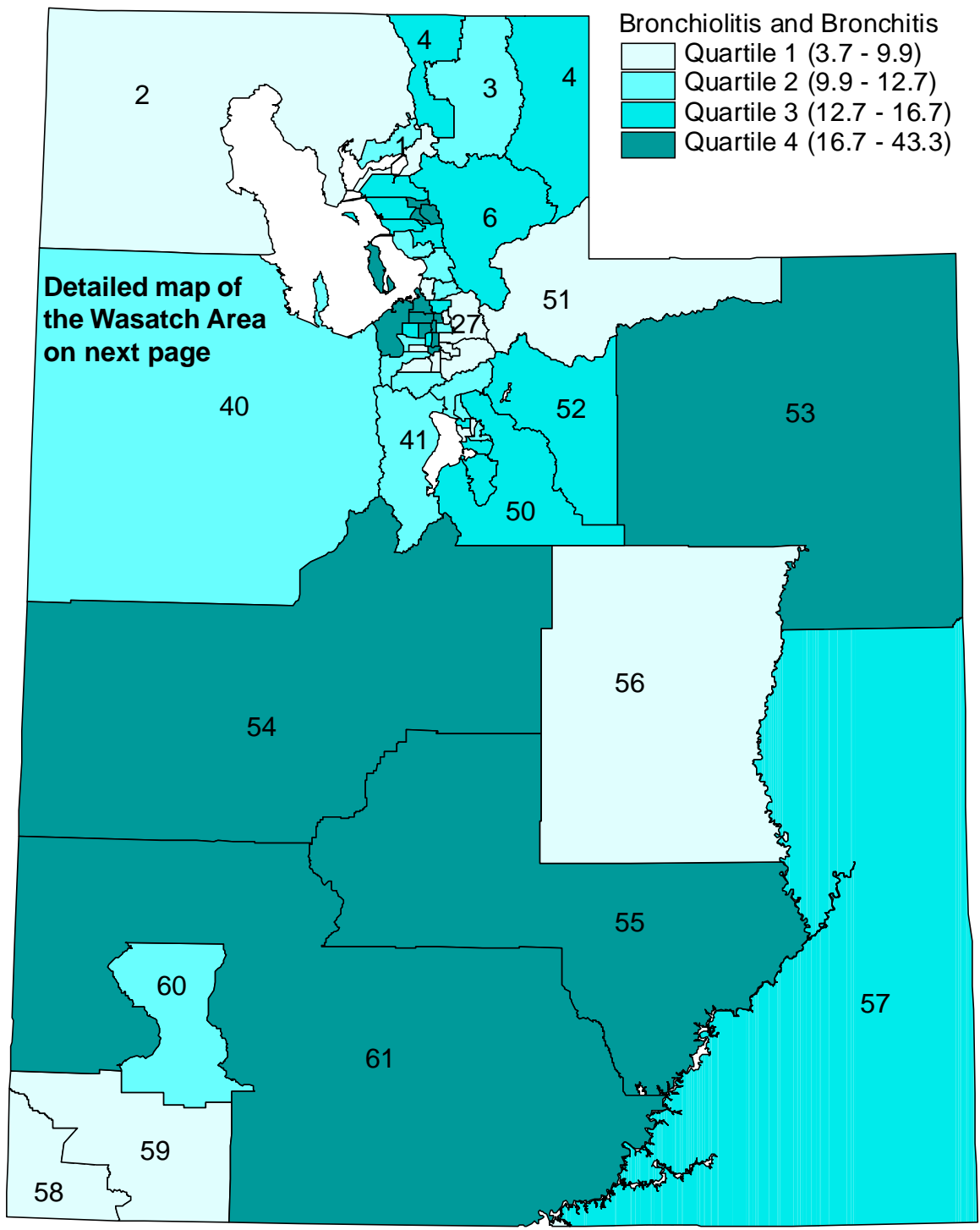
Small area and local health district variations

Profiling hospitalization rates for children by community and by local health district has been the main focus of this report. The reference tables showing summaries of data for local health districts and small areas allow detailed comparisons of rates of hospitalization for the selected conditions. In addition, the rates of hospitalization for the selected conditions have been portrayed in small area maps in the next section.

There was significant variation in rates of hospitalization among the local health districts. Age adjusted rates of all non-newborn discharges were highest in Tri-County Health District (485.5 per 10,000), followed by Central Utah District (404.2 per 10,000), and Southeastern Utah District (386.5 per 10,000). The reference tables can provide another useful way of geographic comparisons—by determining the number of conditions on which the rates for an area are significantly higher than or lower than the state rate. For instance, in Tri-County Health District, the rates were significantly higher than the state for 10 out of 18 conditions and were not significantly lower for any of the conditions. Summit County District was on the other end of the spectrum, with rates significantly lower than the state rates for 11 out of the 18 conditions while the rate was significantly higher than the state for only one condition (unintentional injuries).

Potentially important patterns of variations were observed among small areas for rates of hospitalization. For instance, Glendale had the highest overall rate of hospitalization for all non-newborn discharges. This area had significantly higher discharge rates for five out of 14 conditions (excluding delivery-related conditions). South Jordan, on the other hand, had the lowest overall hospitalization rate, and for 13 out of the 18 conditions South Jordan's rates were significantly lower than the state rates. Rates were not significantly higher than state rates for any of the conditions in South Jordan. Further comparisons of rates for the small areas are presented in the maps in the following sections as well as in the reference tables.

Figure 4: Average Annual Rates of Hospitalization for Bronchiolitis and Bronchitis per 10,000 Persons. Utah, 1993-97.

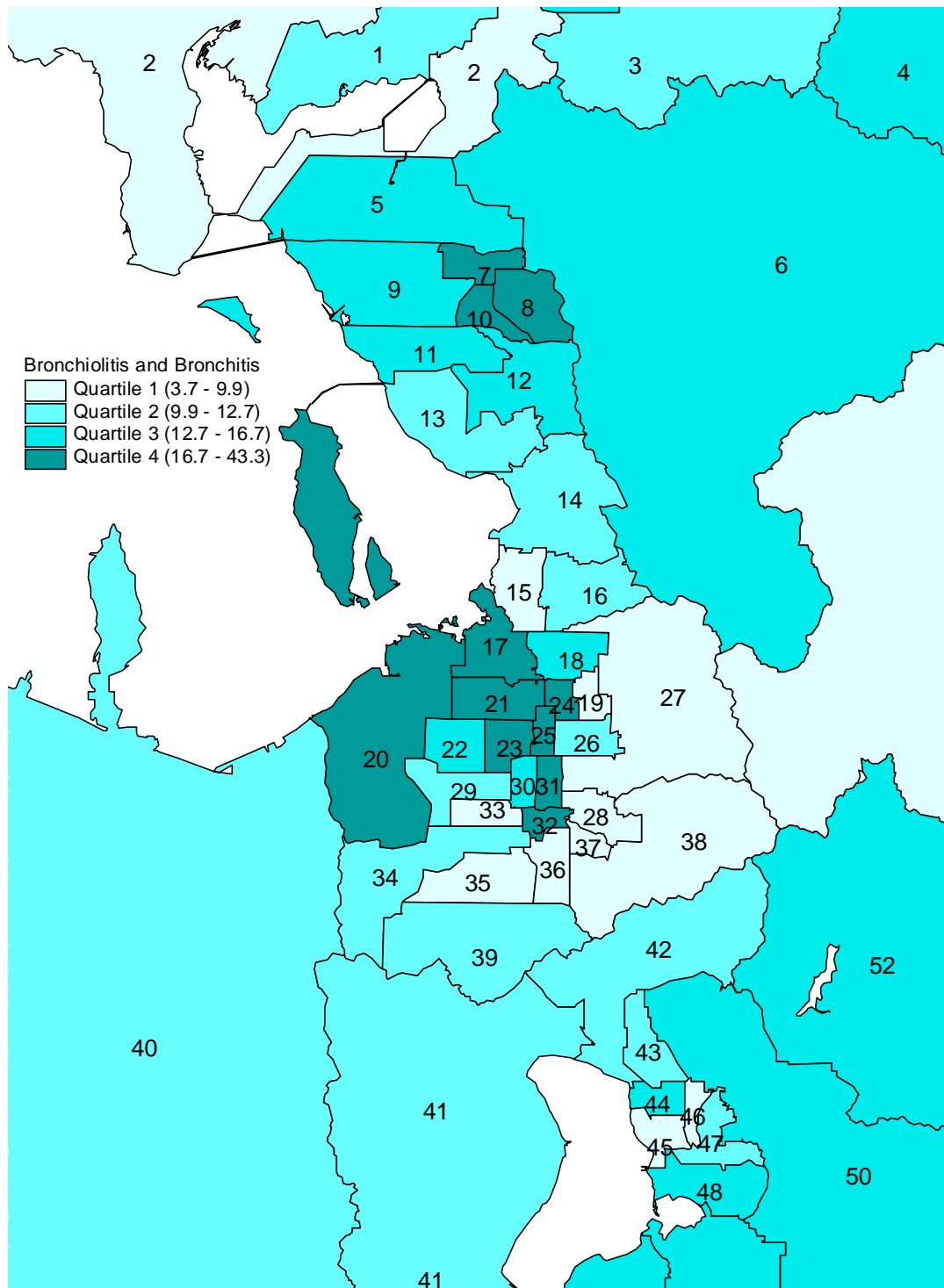


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

Figure 5: Average Annual Rates of Hospitalization for Bronchiolitis and Bronchitis per 10,000 Persons. Utah Wasatch Front, 1993-97 .

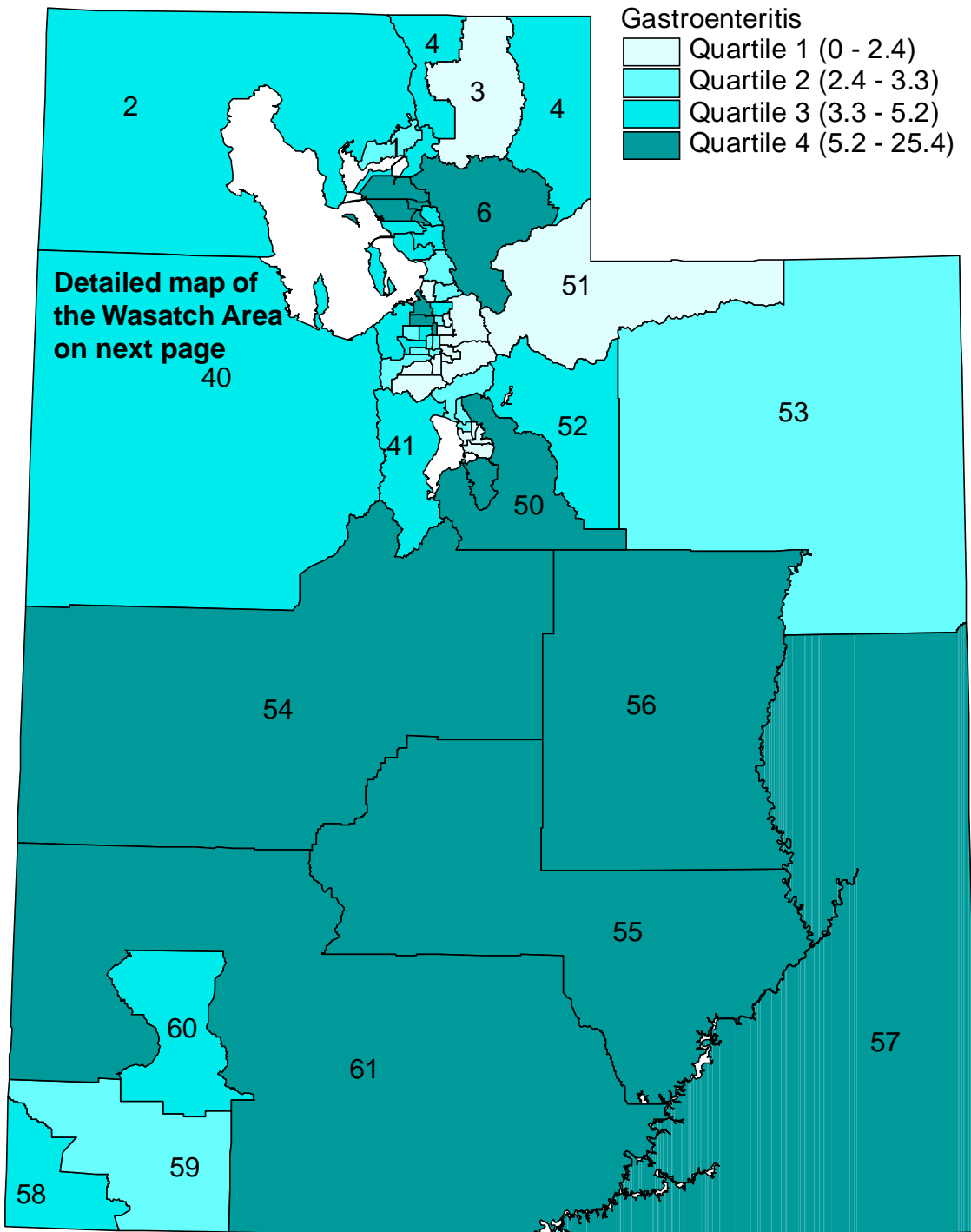


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

Figure 6: Average Annual Rates of Hospitalization for Gastroenteritis per 10,000 Persons. Utah, 1993-97 .

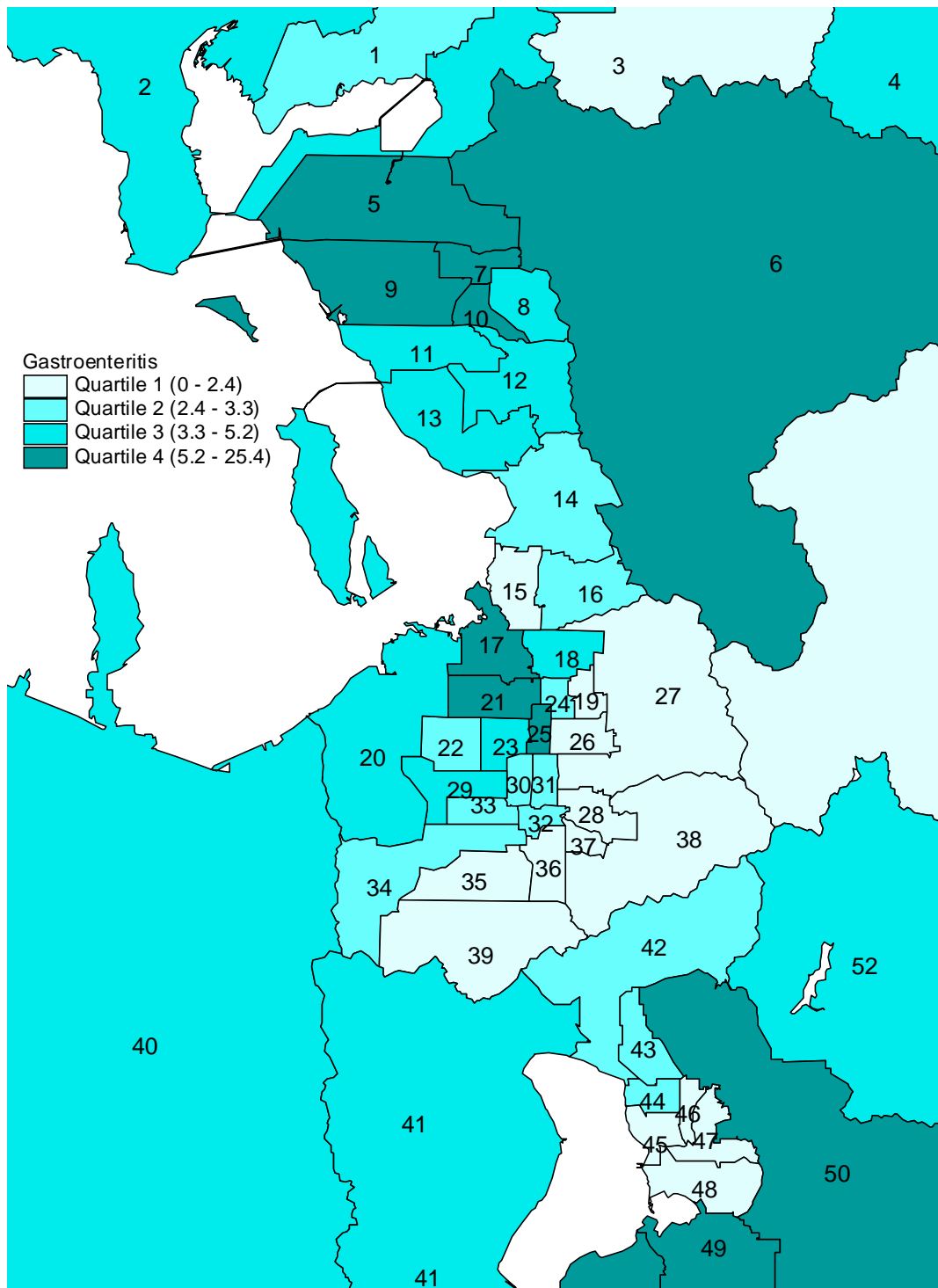


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

Figure 7: Average Annual Rates of Hospitalization for Gastroenteritis per 10,000 Persons. Utah Wasatch Front, 1993-97.

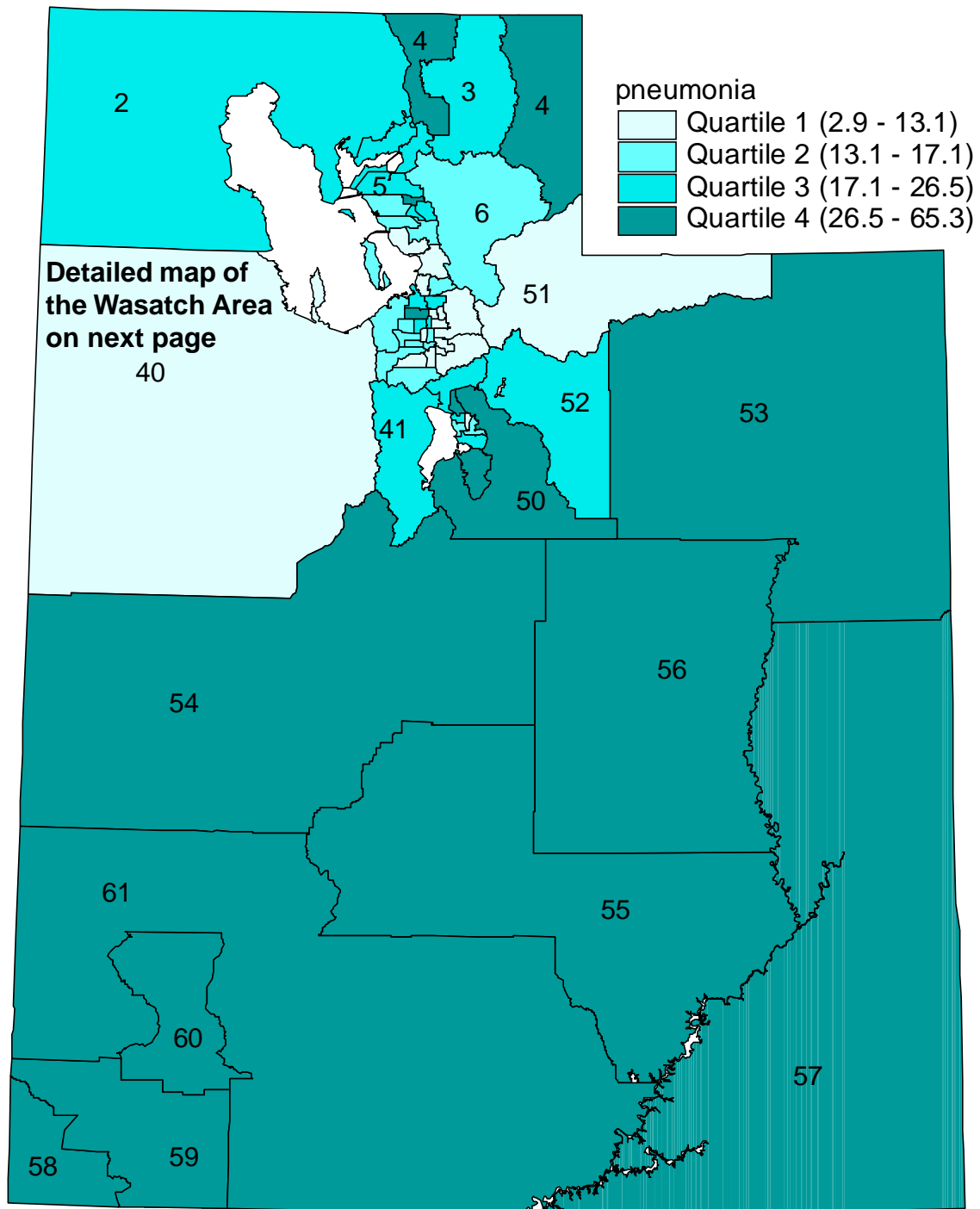


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 8: Average Annual Rates of Hospitalization for Pneumonia per 10,000 Persons.
Utah, 1993-97 .**

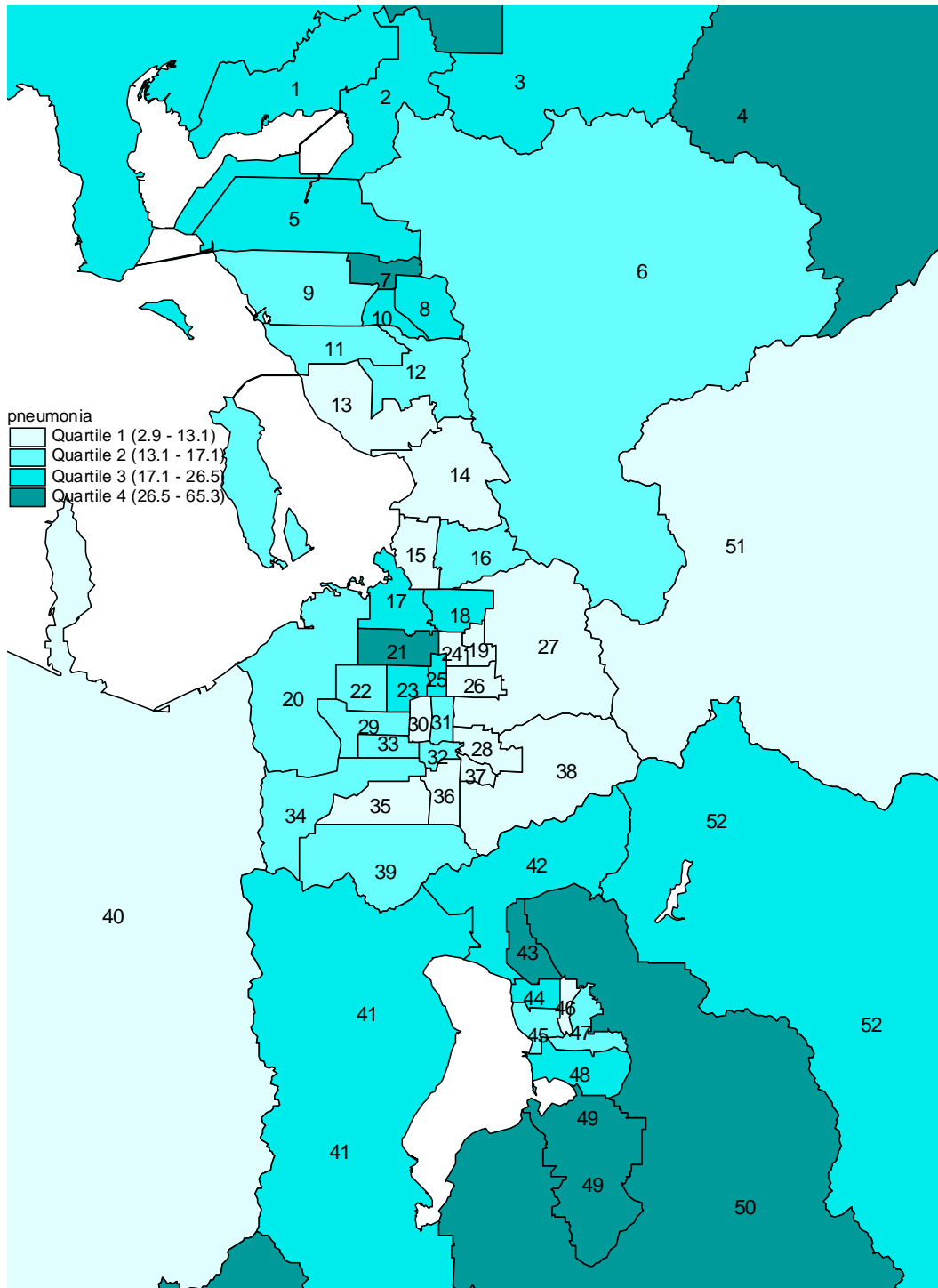


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 9: Average Annual Rates of Hospitalization for Pneumonia per 10,000 Persons.
Utah Wasatch Front, 1993-97 .**

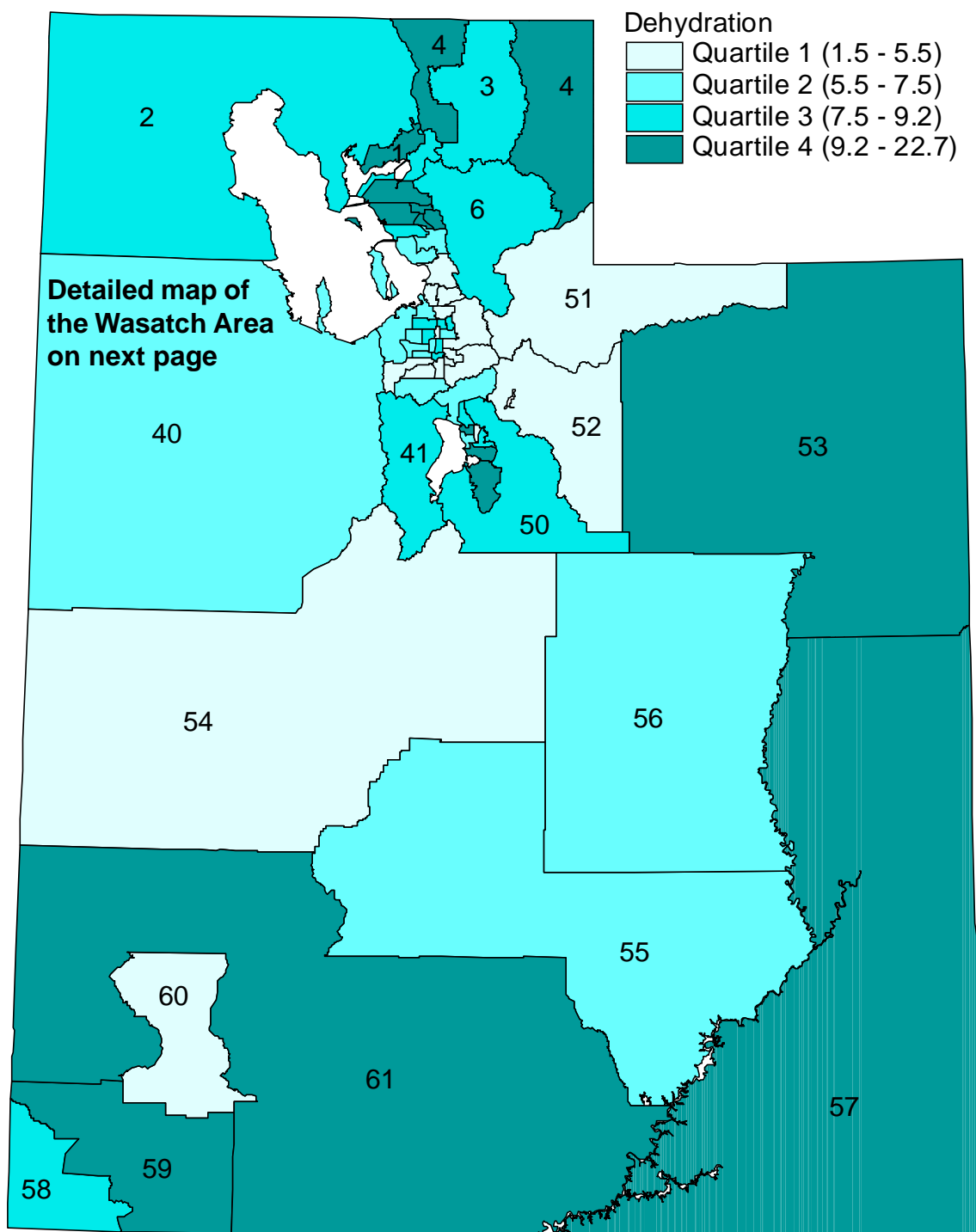


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 10: Average Annual Rates of Hospitalization for Dehydration per 10,000 Persons.
Utah, 1993-97 .**

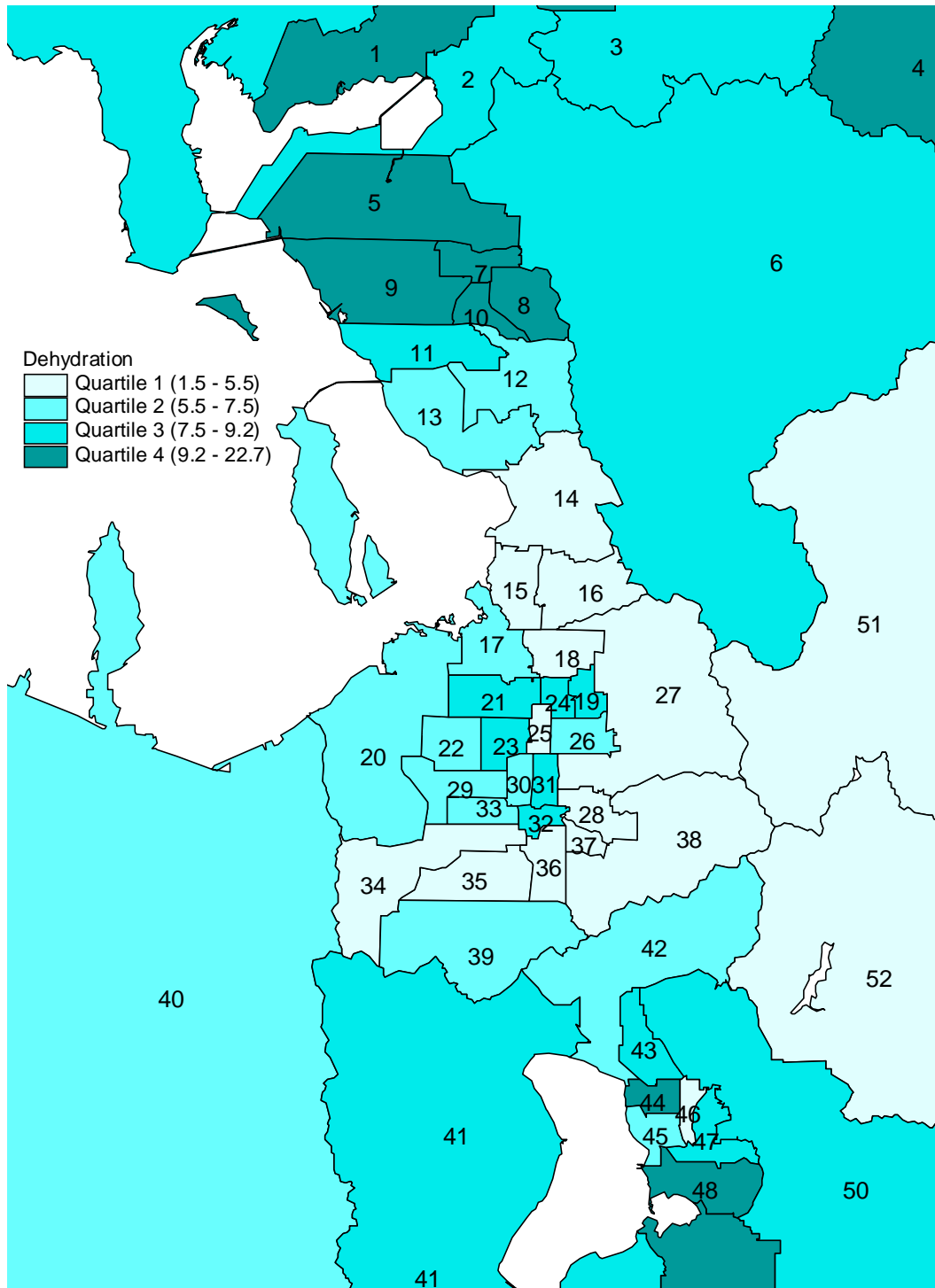


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 11: Average Annual Rates of Hospitalization for Dehydration per 10,000 Persons.
Utah Wasatch Front, 1993-97 .**

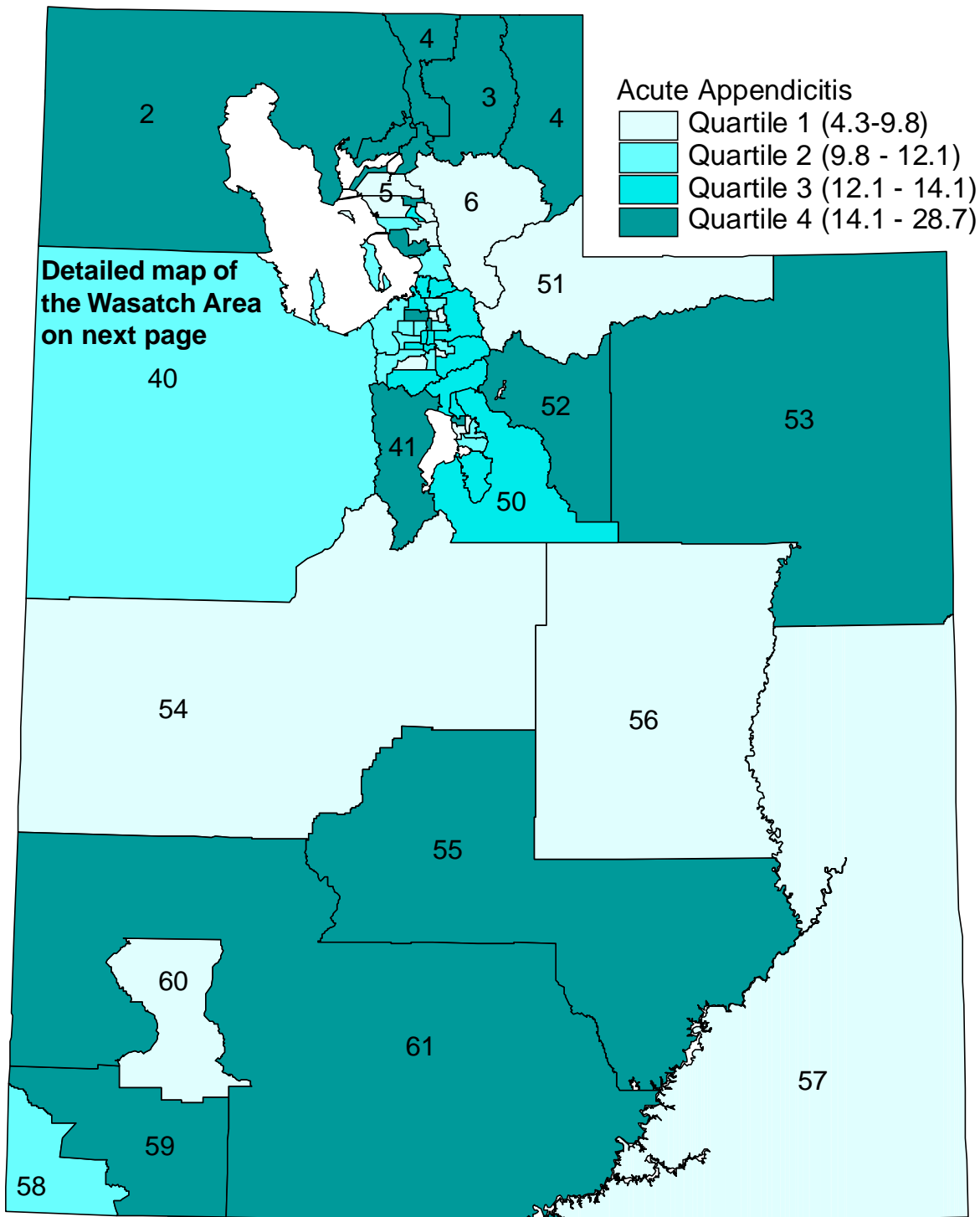


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 12: Average Annual Rates of Hospitalization for Acute Appendicitis per 10,000 Persons.
Utah, 1993-97 .**

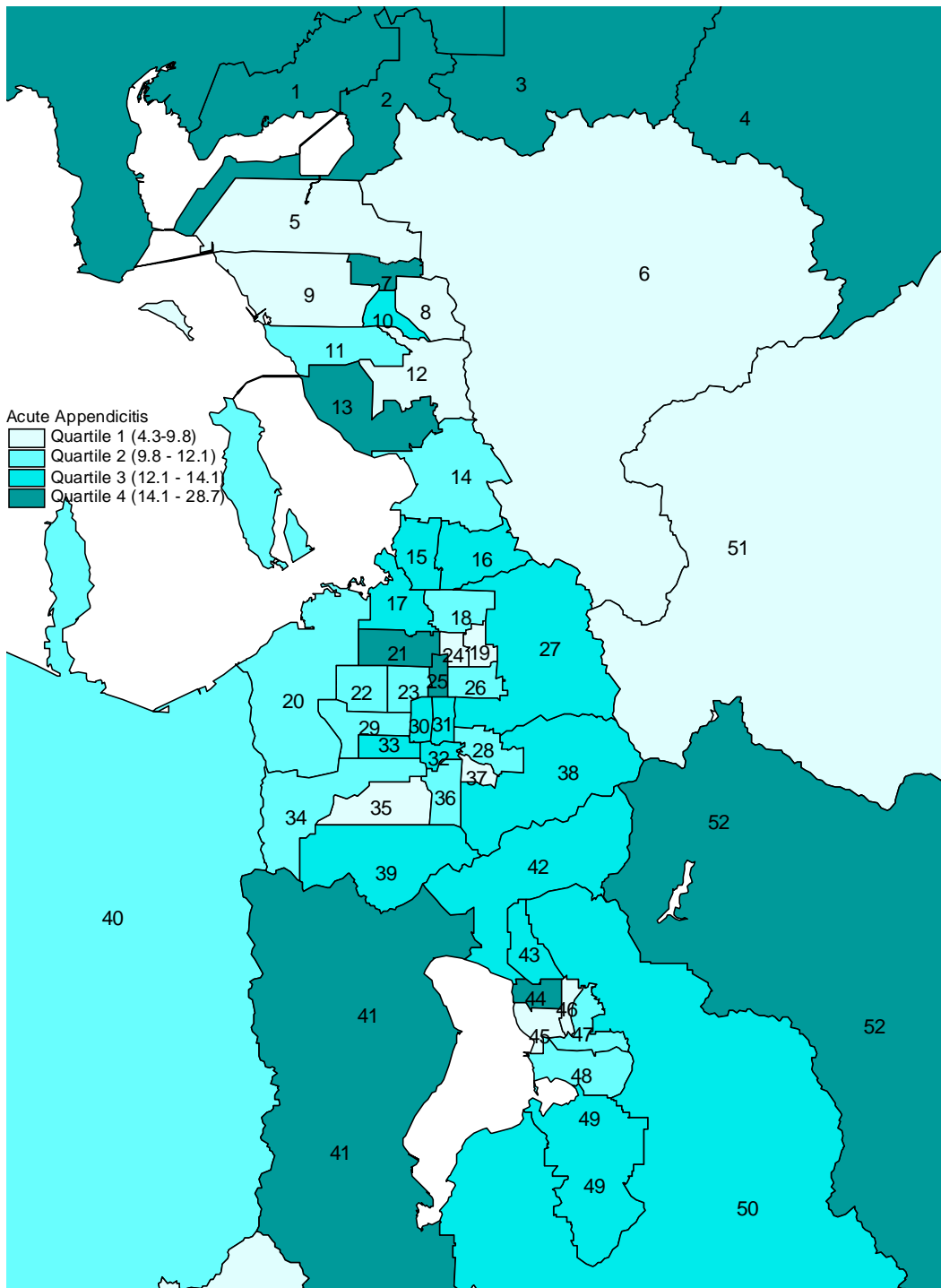


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 13: Average Annual Rates of Hospitalization for Acute Appendicitis per 10,000 Persons.
Utah Wasatch Front, 1993-97 .**

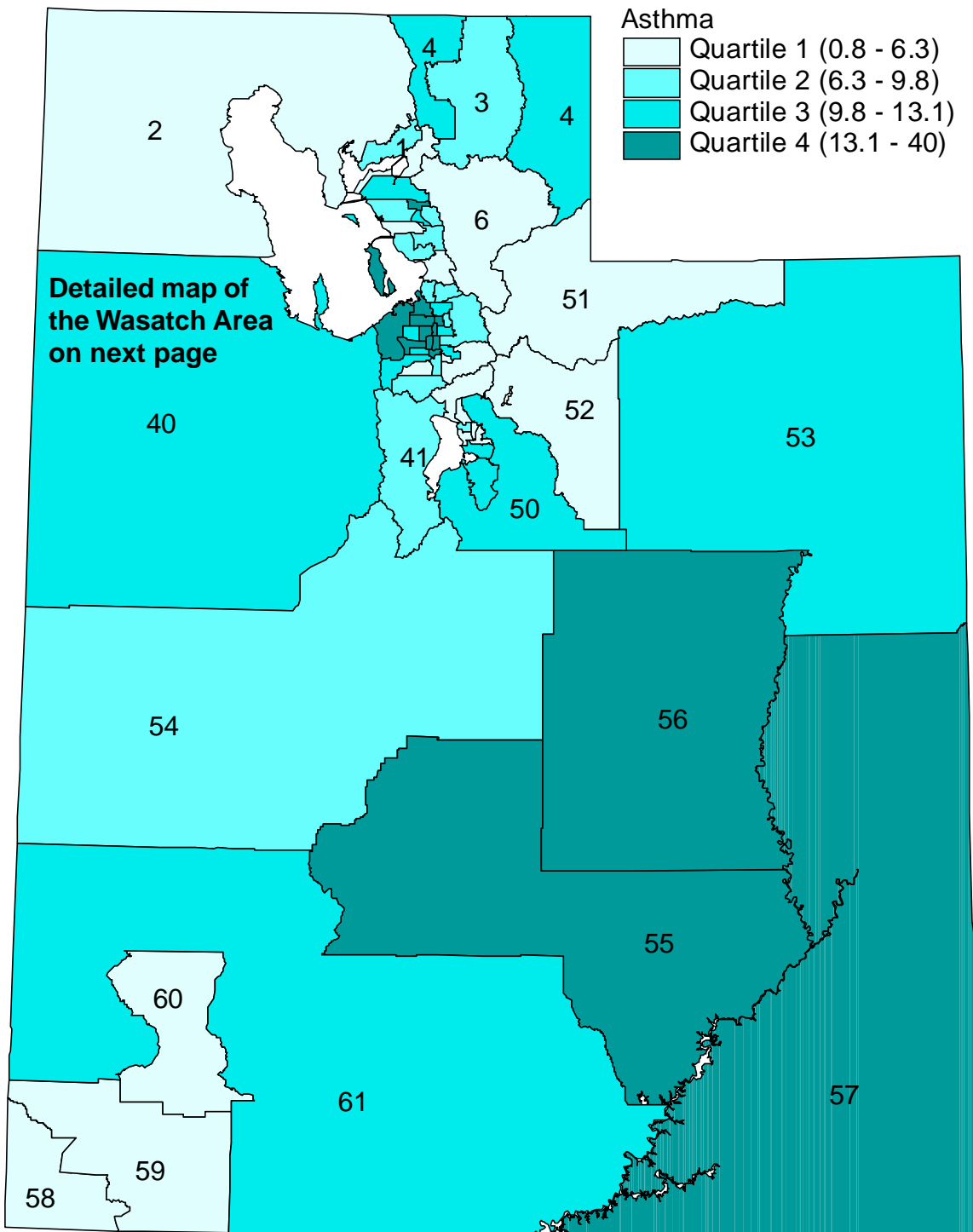


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 14: Average Annual Rates of Hospitalization for Asthma per 10,000 Persons.
Utah, 1993-97 .**

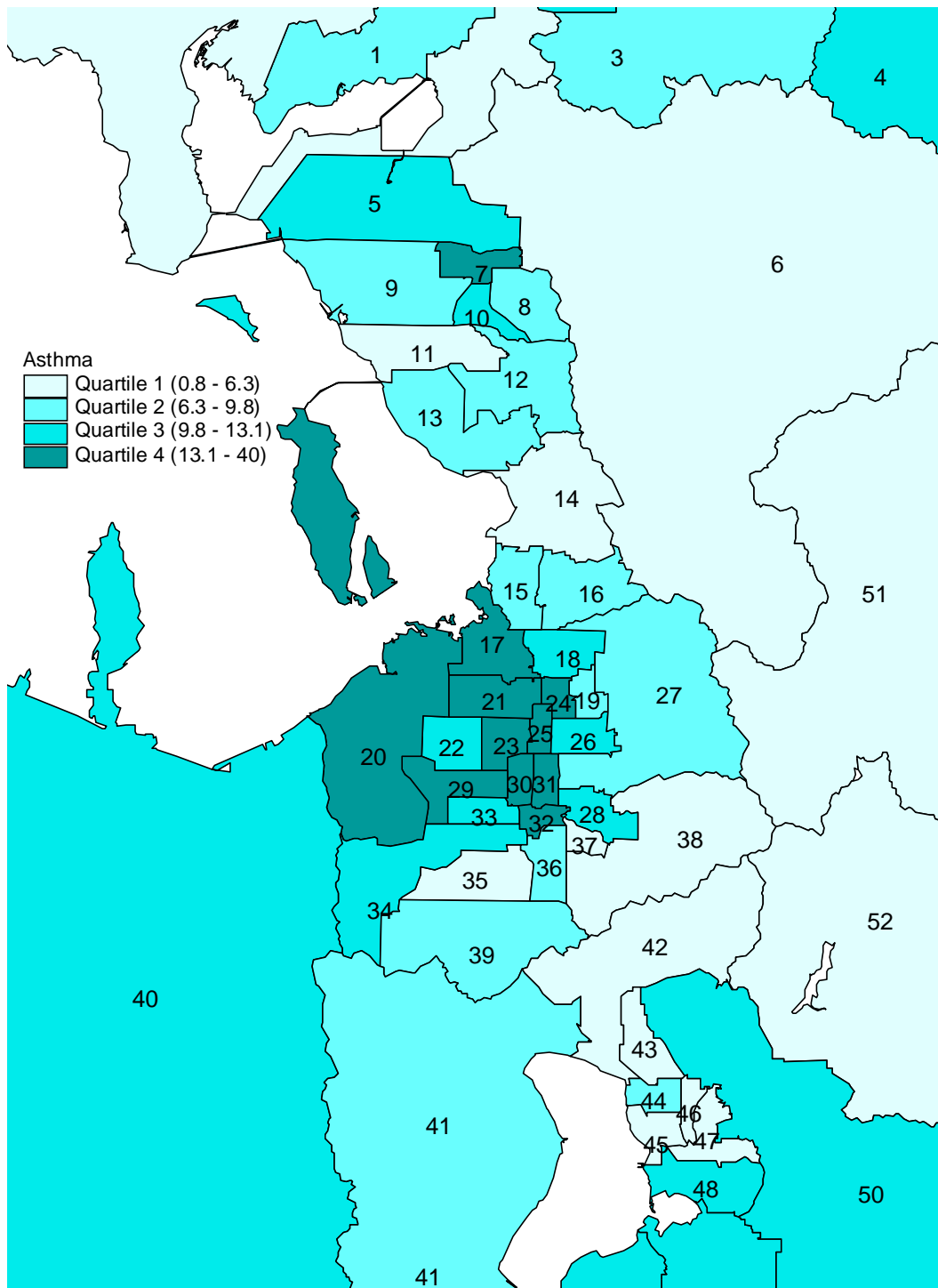


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 15: Average Annual Rates of Hospitalization for Asthma per 10,000 Persons.
Utah Wasatch Front, 1993-97 .**

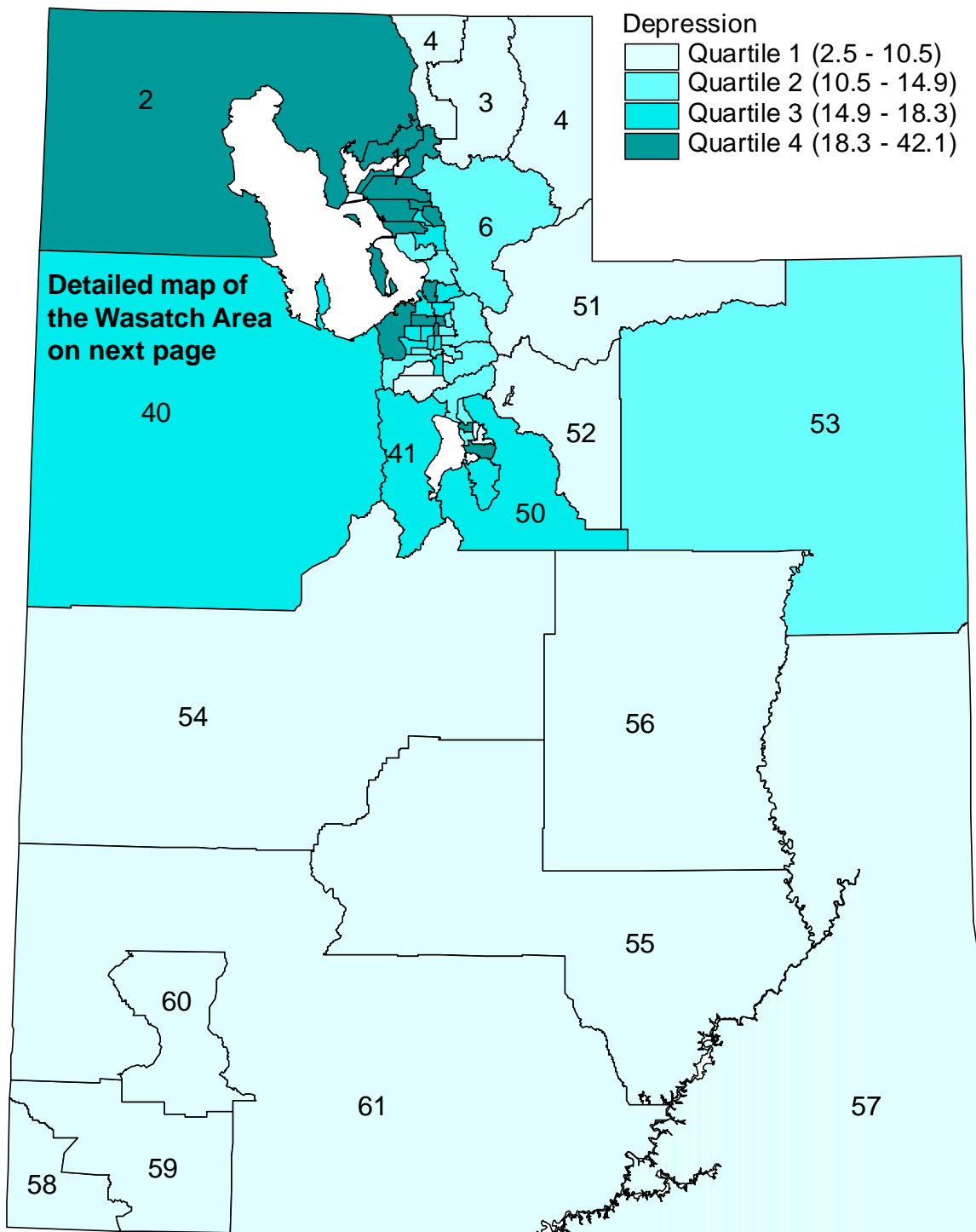


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 16: Average Annual Rates of Hospitalization for Depression per 10,000 Persons.
Utah, 1993-97 .**

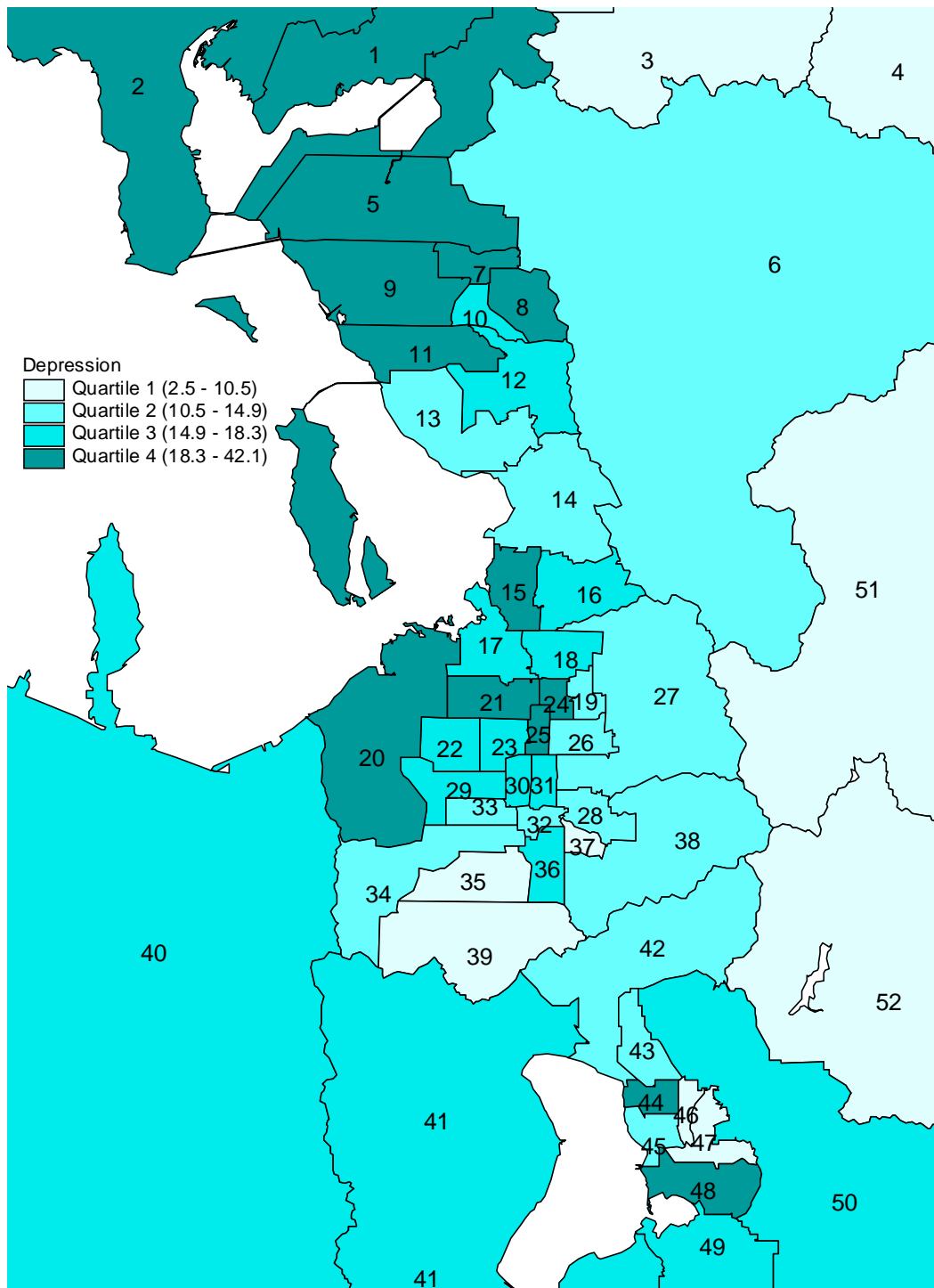


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 17: Average Annual Rates of Hospitalization for Depression per 10,000 Persons.
Utah Wasatch Front, 1993-97 .**

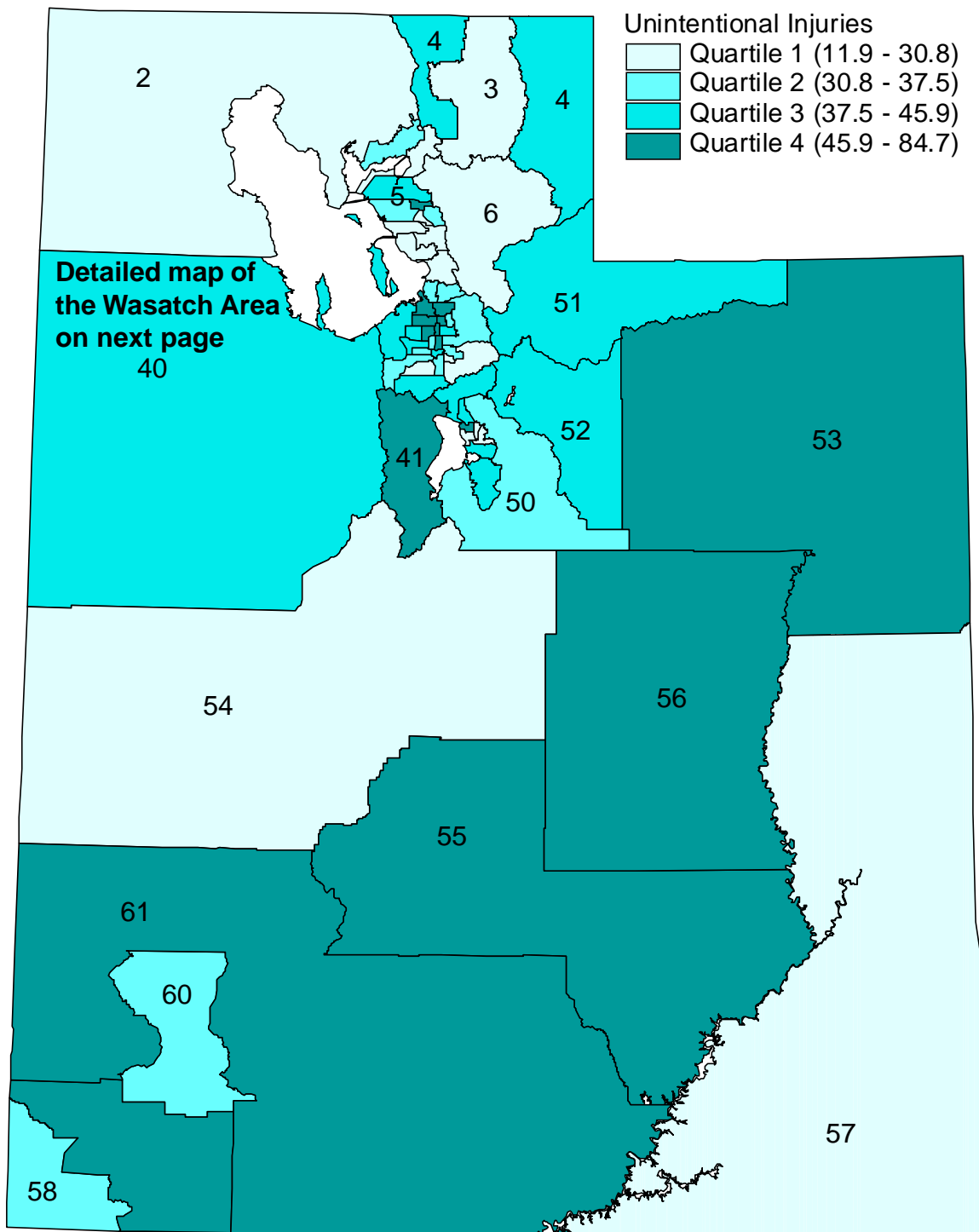


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

Figure 18: Average Annual Rates of Hospitalization for Unintentional Injuries per 10,000 Persons. Utah, 1993-97.

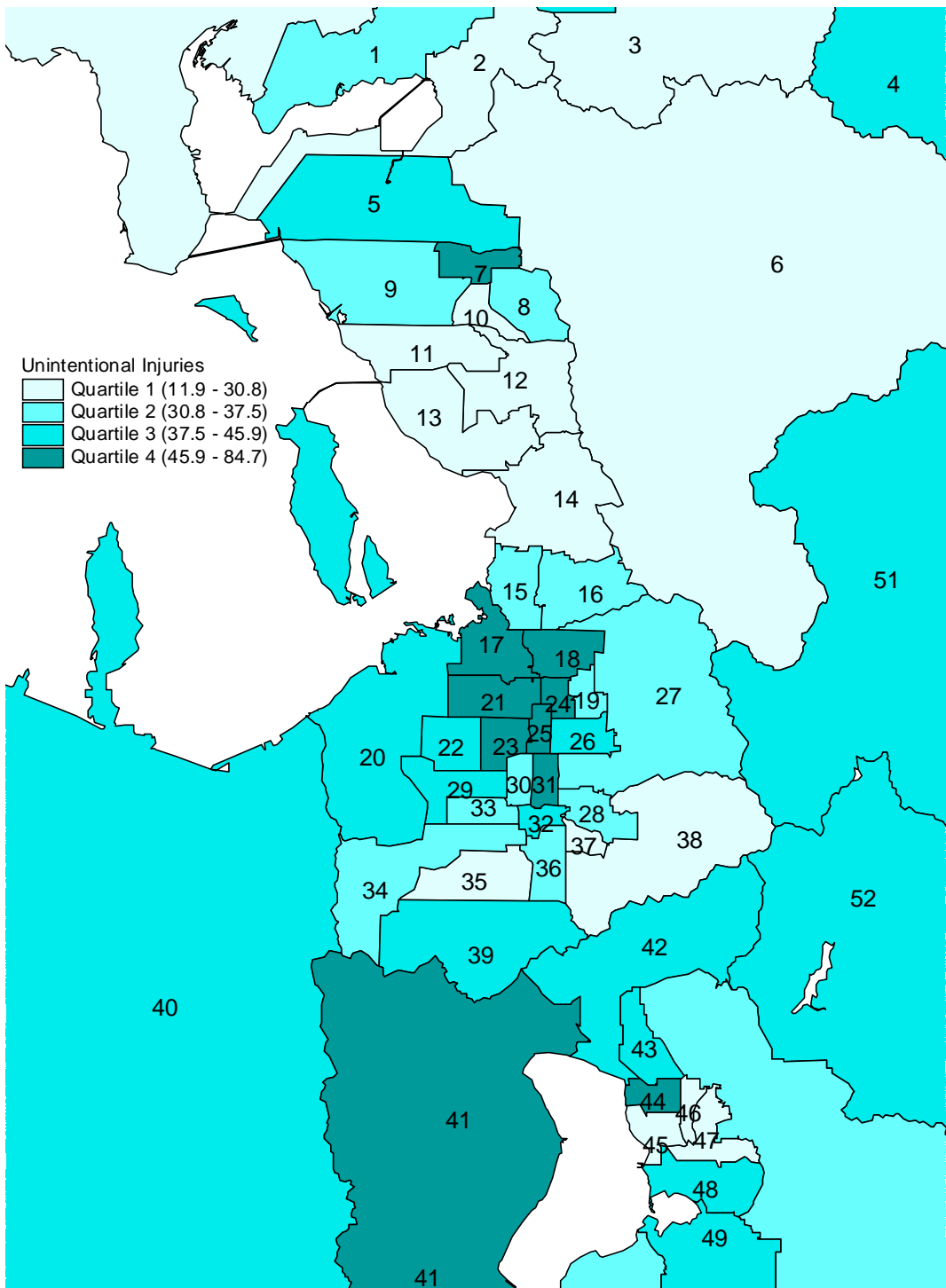


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

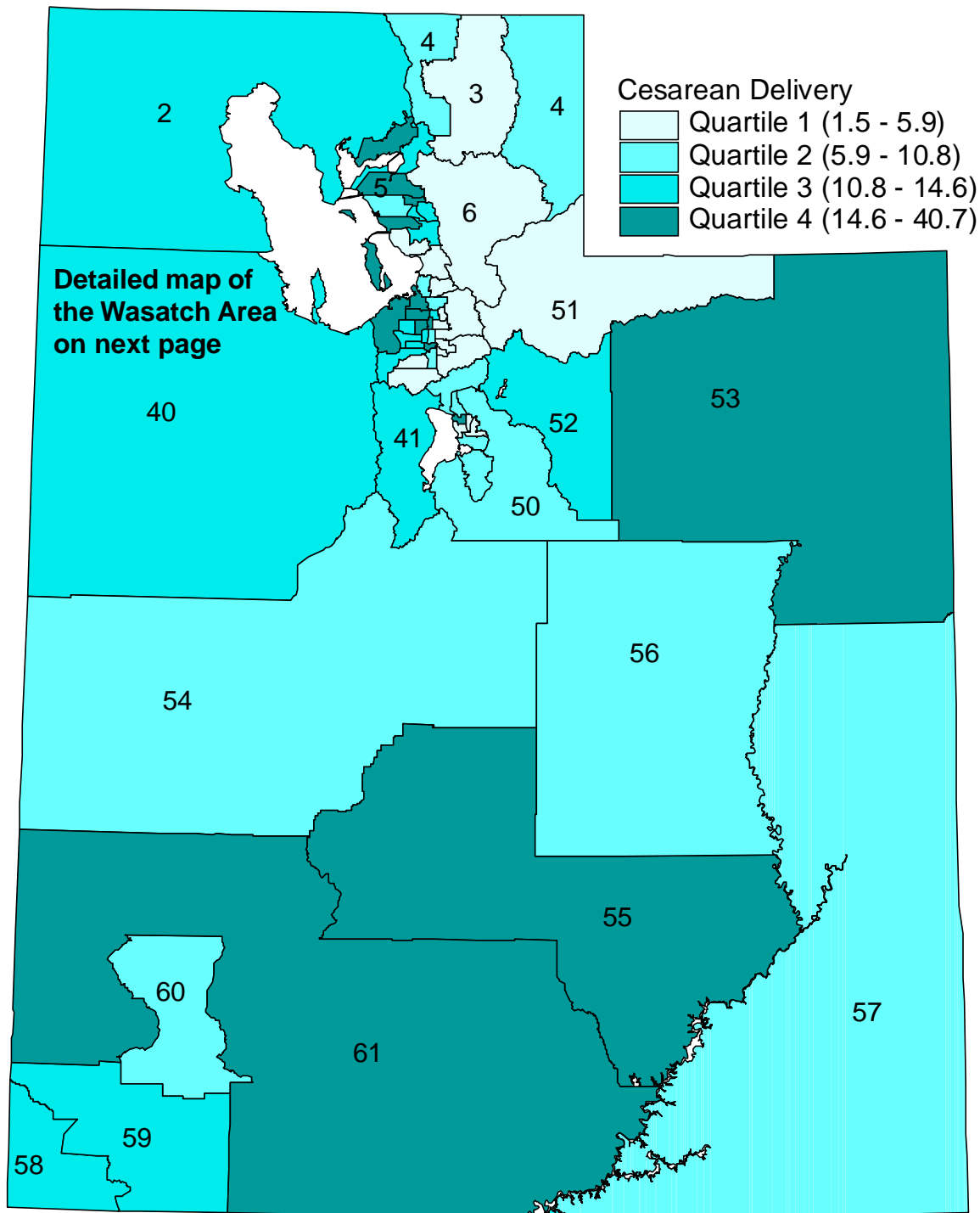
Figure 19: Average Annual Rates of Hospitalization for Unintentional Injuries per 10,000 Persons. Utah Wasatch Front, 1993-97.



Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.
 Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

**Figure 20: Average Annual Rates of Hospitalization for Cesarean Delivery per 10,000 Persons.
Utah, 1993-97 .**

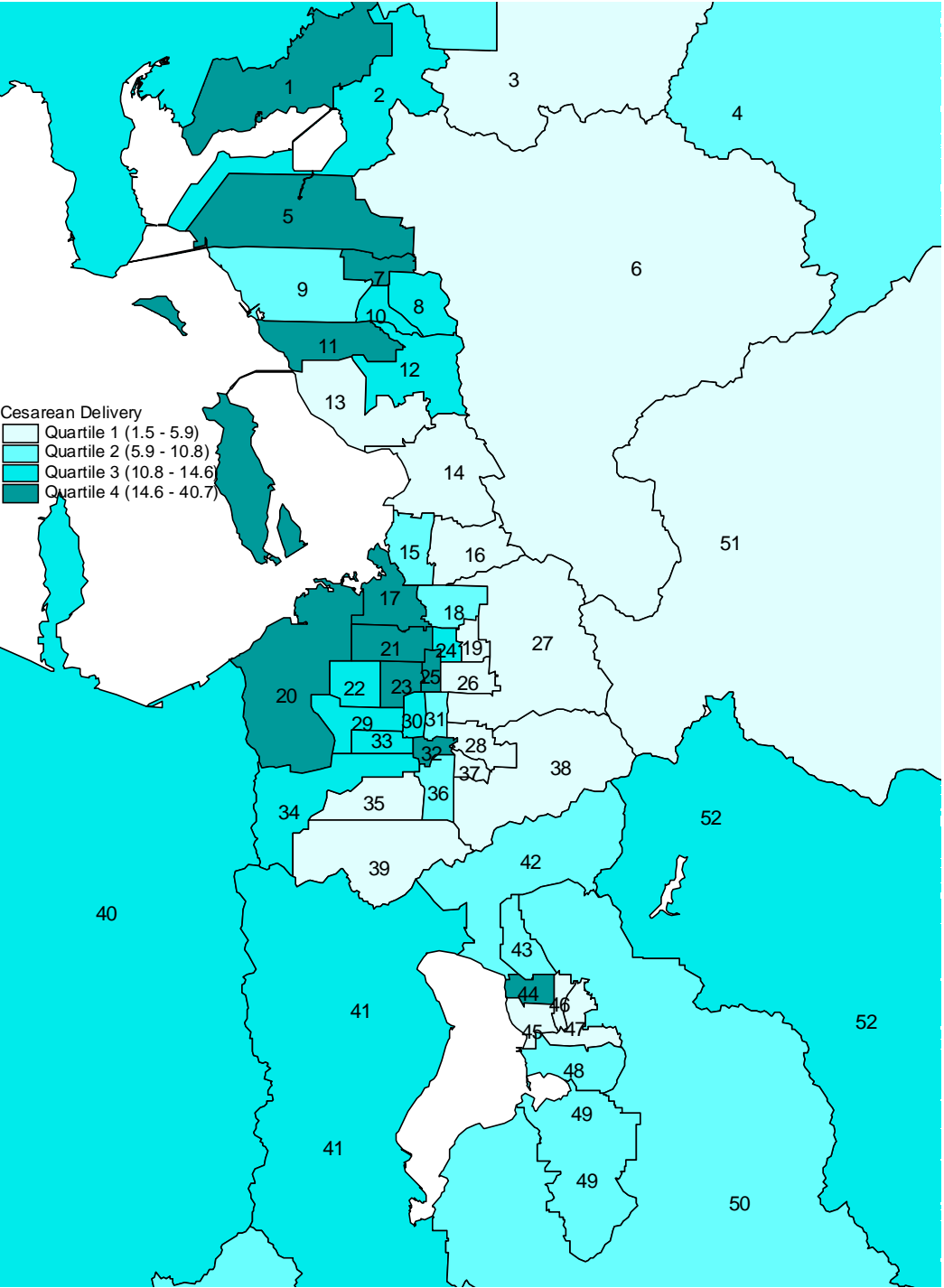


Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.

Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

Figure 21: Average Annual Rates of Hospitalization for Cesarean Delivery per 10,000 Persons. Utah Wasatch Front, 1993-97 .



Rates are age adjusted to the 2000 U.S. population using the direct method. Small area designation for each discharge was based on that patient's residence.
 Data source: Utah Department of Health, Utah Hospital Inpatient Discharge Database, 1993-1997

Numbers on the map refer to area labels (See list on back cover). The shadings represent rate ranges shown in the legend.

Methodology and Technical Notes

Methodology and Technical Notes

1. Data

The primary source of data for this report was the Utah Hospital Inpatient Discharge Data, 1993-97 file. The analyses for this report were restricted to Utah residents of ages 0-19 years. During this five-year period, a total of 118,864 non-newborn Utah residents 19 years or younger were hospitalized. Of these 75,400 or 63.4% occurred due to 20 discharge diseases and conditions included in this report, including 17,256 deliveries.

The population estimates for the State and local health districts, used as denominator in this report for calculating rates, were provided by the Utah Governor's Office of Planning and Budget. The population estimates for Utah small areas for were obtained from CACI Marketing Inc., 7777 Girard Avenue, La Jolla, California 92037.

2. Definition of Discharge Conditions

Conditions included in this report were based on those used in a prior study by Virginia Department of Health and Center for Pediatric Research [4]. In addition, we examined diagnosis of discharges not included in the Virginia list of conditions. Based on that analysis, we added 4 conditions. Rates were computed for each condition based on those discharges for which one of the ICD-9 codes designated that condition was first listed diagnosis, with the exception of unintentional injuries. In the case of unintentional injuries, an injury was determined through any listing of injury code in the e-code field or in any of the 2nd through 9th diagnosis codes fields.

The following International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) codes and All Patient Refined-Diagnosis Related Group were used for determining the specific disease categories in this report.

Disease Classification

APRDRG/ICD-9 Codes

All Non-newborn Discharges	ICD-9 NOT V30-V39
Bronchiolitis and Bronchitis	ICD-9 466
Gastroenteritis	ICD-9 558.9, 008.61, 008.8, 0090.0, 009.1-009.3
Pneumonia	APR-DRG 089, ICD-9 480-486
Dehydration	ICD-9 276.5
Viral Illness'	APR-DRG 421
Acute Appendicitis	ICD-9 540
Kidney/Urinary Tract Infection	ICD-9 590, 599.0
Acute Laryngitis/Tracheitis	ICD-9 464
Convulsions	ICD-9 780.3
Asthma	ICD-9 493
Diabetes	APR-DRG 294, ICD-9 250
Behavior Disorders	ICD-9 309.3, 309.4, 312, 313.81, 314
Depression	ICD-9 296.2, 296.3, 300.4, 309.0, 309.1, 311
Manic-Depressive	ICD-9 296.4-296.8
Substance Abuse	ICD-9 303-305, 291, 292
Unintentional Injuries	ECODE E800-E949
Self-inflicted Injuries	ECODE E950-E959
Injuries Due to Assault	ECODE E960-E969
All Deliveries	APR-DRG 370, 372, or 375
Vaginal Delivery	APR-DRG 372
Cesarean Delivery	APR-DRG 370

3. Small Area Analysis:

Small area analysis is useful in depicting differences in geographic localities. Small areas in this report were defined according to the criteria set for the small area analysis in an earlier report by the Utah Department of Health [2,3]. Sixty-one small areas with an average 1997 population size of 33,500 persons (range 15,000 to 62,500 persons) were identified. Sometimes ZIP codes or counties were used individually, at other times contiguous areas were combined. Population size, political boundaries of cities and towns, and economic similarity were chief among the criteria used to combine the areas. A complete list of area definitions (ZIP codes and county combinations that were used to create each area) is given in the following pages.

Table 3: Small Area Boundary Designations and Selected Demographic Measures

Area of Residence	Boundary Designation	Population Size ¹	Per Capita Income ¹	MedianAge ¹
0 State Total	All counties / ZIP codes in Utah	2,042,003	\$14,045	28
1 Brigham City	ZIP code 84302	18,915	\$14,867	30
2 Other Box Elder Co.	Box Elder County except ZIP code 84302	20,712	\$13,231	27
3 Logan	ZIP codes 84321, 84322, 84341, 84332	60,515	\$13,006	24
4 Other Cache/Rich	Cache & Rich Co. except ZIP codes 84321,	26,325	\$11,769	26
5 Ben Lomond	ZIP codes 84404, 84407, 84412	39,592	\$13,151	30
6 Morgan/East Weber Co.	ZIP codes 84310, 84317, 84414, 84050 or Morgan County	32,686	\$14,757	28
7 Downtown Ogden	ZIP codes 84401, 84402	24,663	\$12,484	31
8 South Ogden	ZIP code 84403	30,696	\$18,185	33
9 Roy/Hooper	ZIP codes 84067, 84315	36,276	\$14,404	28
10 Riverdale	ZIP codes 84405, 84409	23,783	\$15,443	31
11 Clearfield/Hill AFB	ZIP codes 84015, 84016, 84056	45,593	\$11,592	24
12 Layton	ZIP codes 84040, 84041	53,648	\$14,465	26
13 Syracuse/Kaysville	ZIP codes 84037, 84075	29,312	\$14,029	25
14 Farmington/Centerville	ZIP codes 84025, 84014	24,991	\$14,948	24
15 Woods Cross/No SL	ZIP codes 84087, 84054	17,596	\$13,972	25
16 Bountiful	ZIP codes 84010, 84011	44,309	\$17,141	30
17 Rose Park	ZIP code 84116	26,083	\$12,871	30
18 Avenues	ZIP codes 84103, 84114	23,277	\$23,110	35
19 Foothill/U of U	ZIP codes 84108, 84112, 84113	22,917	\$23,761	35
20 Magna	ZIP code 84044	20,128	\$11,315	25
21 Glendale	ZIP codes 84104, 84101, 84110, 84152	20,579	\$11,133	32
22 West Valley I	ZIP codes 84128, 84120, 84170	58,179	\$11,989	25
23 West Valley II	ZIP codes 84119, 84199	40,174	\$12,773	27
24 Downtown Salt Lake	ZIP codes 84111, 84102, 84105	48,215	\$16,691	33
25 South Salt Lake	ZIP codes 84115, 84165	22,416	\$12,582	31
26 Millcreek	ZIP codes 84106, 84151, 84109	55,943	\$18,385	36
27 Holladay	ZIP codes 84124, 84117	46,584	\$21,967	37
28 Cottonwood	ZIP codes 84121	45,933	\$20,675	33
29 Kearns	Zip code 84118	62,462	\$12,057	25
30 Taylorsville	ZIP code 84123	33,294	\$15,877	29
31 Murray	ZIP codes 84107, 84157	30,139	\$17,764	33
32 Midvale	ZIP code 84047	27,154	\$14,959	29

<u>Area of Residence</u>	<u>Boundary Designation</u>	<u>Population Size¹</u>	<u>Per Capita Income ¹</u>	<u>Median Age ¹</u>
35 South Jordan	ZIP code 84095	32,401	\$13,936	24
36 Sandy Center	ZIP codes 84070, 84091, 84094	52,784	\$14,260	27
37 Sandy, NE	ZIP codes 84093, 84090	28,948	\$19,615	28
38 Sandy, SE	ZIP code 84092	34,139	\$19,391	25
39 Riverton/Draper	ZIP codes 84065, 84020	37,651	\$12,542	27
40 Tooele Co.	Tooele County	30,371	\$11,953	30
41 Lehi/Cedar Valley	ZIP codes 84043, 84013	14,951	\$11,875	25
42 American Fork/Alpine	ZIP codes 84004, 84003	34,378	\$12,285	24
43 Pleasant Grove/Lindon	ZIP codes 84062, 84042	26,294	\$11,827	23
44 North Orem	ZIP codes 84057, 84059	35,107	\$12,406	23
45 West Orem	ZIP code 84058	27,114	\$12,735	23
46 East Orem	ZIP code 84097	30,579	\$13,712	24
47 Provo/BYU	ZIP codes 84602, 84604	47,328	\$12,581	22
48 Provo South	ZIP codes 84601, 84603, 84605, 84606	47,650	\$9,795	24
49 Springville/Spanish Fork	ZIP codes 84660, 84663, 84664, 84653	44,774	\$12,283	25
50 Utah Co. South	ZIP codes 84651, 84655, 84626, 84633	19,920	\$10,539	24
51 Summit Co.	Summit County	25,301	\$21,809	33
52 Wasatch Co.	Wasatch County	12,441	\$13,616	29
53 Tri-county LHD	Daggett, Duchesne and Uintah Counties	39,334	\$10,055	27
54 Juab/Millard/Sanpete Co.	Juab, Millard, and Sanpete Counties	39,473	\$9,144	29
55 Sevier/Piute/Wayne Co.	Piute, Sevier, and Wayne Counties	21,373	\$10,126	32
56 Carbon/Emery Co.	Carbon and Emery Counties	31,108	\$11,257	31
57 Grand/San Juan Co.	Grand and San Juan Counties	21,083	\$9,333	29
58 St. George	ZIP codes 84770, 84771, 84790	51,395	\$13,574	30
59 Other Washington Co.	Washington County except ZIP codes 84770, 84771, 84790	26,263	\$10,123	29
60 Cedar City	ZIP code 84720	24,424	\$11,485	25
61 Other Southwest Dist.	Beaver, Garfield, Iron, and Kane Counties other than ZIP code	19,162	\$10,571	34

¹Population estimates are for 1997. Age and per capita income figures are means, weighted by population count of the ZIP code median values. Source: CACI Marketing Systems, Inc. La Jolla, CA.

4. Computation of Rates:

Rates were computed for inpatient discharges from Utah hospitals by first diagnosis at state, local health district, and small area levels. Discharges were assigned to the small area of the patient's residence not the small area in which the hospital was located. Crude rates were calculated as the number of discharges divided by the population of the corresponding geographic area multiplied by the constant (10,000). Age adjusted rates were computed by direct adjustment using the U.S. 2000 population as standard. The following formula was used to compute adjusted (standardized) rates:

$$\text{Directly Standardized Rate (DSR)} = \{ \text{Sum of (age-specific hospitalization rate in source pop} \times \text{Pop count in standard population in each age group)} \} \div \text{Total standard population} \times 10,000$$

or

$$\text{DSR} = (3 m_i * P_i) / P * 10,000$$

Where $m_i = (d_i / p_i)$;

d_i = number of discharges for the condition in question at each age group in the source population (e.g. Logan).

p_i = population count for each age group in the source population (e.g. Logan).

P_i = population count for the standard population (U.S. 2000) at each age group.

$P = \sum P_i$ = total standard population.

Age-adjustment was based on four age categories, namely, 0-4, 5-9, 10-14, and 15-19.

5. Confidence Interval for Directly Standardized rates:[3]

$$\text{Confidence Interval} = \text{DSR} \pm 1.96 \text{SE}(\text{DSR})$$

Where:

$$\text{SE}(\text{DSR}) = \text{SQRT}(\text{Var}(\text{DSR}))$$

$$\text{Variance}(\text{DSR}) = 3 \sum W_i^2 * \text{Var}(m_i)$$

$W_i = (P_i / P) = (\text{standard population count for the } i\text{th age group} \div \text{total standard population}) =$ the population weight for the i th age group in the standard population.

and $\text{Var}(m_i) = \{m_i * (1 - m_i)\} / p_i$

Where:

m_i = the age specific rate for the i th age group in the source population (each small area)

p_i = population count for the i th age group in the source population.

Thus $\text{SE}(\text{DSR}) = p(3 W_i^2 * (\{m_i * (1 - m_i)\} / p_i))$

For directly standardized rates based on events that follow Poisson distribution, the lower and upper confidence limits of the 95% confidence interval are³:

$$\text{LCL}(\text{DSR}) = (\text{DSR} - 1.96 * \text{SE}(\text{DSR})) * K$$

$$\text{UCL}(\text{DSR}) = (\text{DSR} + 1.96 * \text{SE}(\text{DSR})) * K$$

where $K =$ constant (10,000 in this report)

Reference Tables

TABLE 4
 NUMBERS OF HOSPITAL DISCHARGES, TOTAL AND AVERAGE HOSPITAL CHARGES
 BY AGE GROUPS, INPATIENT DISCHARGES FROM UTAH HOSPITALS:1993-97

Age 0-19

Category of Diagnosis	Total* Discharges	HOSPITAL CHARGES (DOLLARS)	
		Total* Charges	Average Charges
All Non-newborn Discharges	118,864	866,377,812	7,339
Bronchiolitis and Bronchitis	5,350	22,299,273	4,174
Gastroenteritis	1,589	3,856,229	2,452
Pneumonia	8,078	50,434,908	6,261
Dehydration	3,020	6,616,227	2,210
Viral Illness	923	2,939,234	3,198
Acute Appendicitis	4,778	23,886,308	5,031
Kidney/Urinary tract Infection	1,474	4,788,156	3,266
Acute Laryngitis/tracheitis	1,340	3,233,542	2,440
Convulsions	1,143	4,242,991	3,725
Asthma	3,603	12,941,983	3,613
Diabetes	1,798	6,030,147	3,371
Behavior Disorders	1,082	10,414,315	9,625
Depression	5,845	49,774,797	8,526
Manic-Depressive	1,252	13,877,082	11,093
Substance Abuse	799	4,956,083	6,218
Unintentional Injuries	14,485	122,579,261	8,485
Self-inflicted Injuries	1,325	6,355,457	4,818
Injuries Due to Assault	442	4,184,197	9,488
All Deliveries****	17,256	48,725,417	2,830
Vaginal Delivery	14,967	37,405,965	2,505
Cesarean Delivery	2,107	10,812,954	5,139

* Five-year total number of discharges and charges

SOURCE: Utah Hospital Discharge Database, 1993-97, Utah Department of Health.

TABLE 4(continued)
 NUMBERS OF HOSPITAL DISCHARGES, TOTAL AND AVERAGE HOSPITAL CHARGES
 BY AGE GROUPS, INPATIENT DISCHARGES FROM UTAH HOSPITALS:1993-97

Age 0-4

Category of Diagnosis	Total* Discharges	HOSPITAL CHARGES (DOLLARS)	
		Total* Charges	Average Charges
All Non-newborn Discharges	44,314	374,506,418	8,526
Bronchiolitis and Bronchitis	5,205	21,803,564	4,195
Gastroenteritis	1,099	2,650,450	2,434
Pneumonia	5,967	33,061,032	5,557
Dehydration	2,298	5,052,465	2,217
Viral Illness	667	2,054,665	3,094
Acute Appendicitis	147	1,261,673	8,583
Kidney/Urinary tract Infection	812	2,744,182	3,400
Acute Laryngitis/tracheitis	1,133	2,696,174	2,409
Convulsions	751	2,922,968	3,908
Asthma	1,724	5,639,604	3,288
Diabetes	152	581,021	3,848
Behavior Disorders	12	121,627	10,136
Depression	11	67,126	6,102
Manic-Depressive	6	49,385	8,231
Substance Abuse	4	38,125	9,531
Unintentional Injuries	3,865	31,419,068	8,148
Self-inflicted Injuries	38	188,882	4,971
Injuries Due to Assault	100	1,333,011	13,465
All Deliveries****	4	10,662	2,666
Vaginal Delivery	4	10,662	2,666
Cesarean Delivery	0	.	.

* Five-year total number of discharges and charges

SOURCE: Utah Hospital Discharge Database, 1993-97, Utah Department of Health.

TABLE 4(continued)
 NUMBERS OF HOSPITAL DISCHARGES, TOTAL AND AVERAGE HOSPITAL CHARGES
 BY AGE GROUPS, INPATIENT DISCHARGES FROM UTAH HOSPITALS:1993-97

Age 5-9

Category of Diagnosis	HOSPITAL CHARGES (DOLLARS)		
	Total* Discharges	Total* Charges	Average Charges
All Non-newborn Discharges	11,978	81,795,391	6,854
Bronchiolitis and Bronchitis	88	322,600	3,666
Gastroenteritis	171	372,321	2,190
Pneumonia	939	5,452,046	5,806
Dehydration	362	738,509	2,063
Viral Illness	72	262,644	3,699
Acute Appendicitis	789	4,413,251	5,615
Kidney/Urinary tract Infection	236	641,636	2,719
Acute Laryngitis/tracheiitis	150	366,885	2,462
Convulsions	163	520,514	3,193
Asthma	919	3,286,368	3,603
Diabetes	282	956,648	3,392
Behavior Disorders	203	2,235,202	11,011
Depression	173	2,391,921	13,826
Manic-Depressive	84	1,442,837	17,177
Substance Abuse	0	.	.
Unintentional Injuries	2,439	16,525,932	6,790
Self-inflicted Injuries	8	39,894	4,987
Injuries Due to Assault	14	102,209	7,301
All Deliveries****	1	3,789	3,789
Vaginal Delivery	0	.	.
Cesarean Delivery	1	3,789	3,789

* Five-year total number of discharges and charges

SOURCE: Utah Hospital Discharge Database, 1993-97, Utah Department of Health.

TABLE 4(continued)
 NUMBERS OF HOSPITAL DISCHARGES, TOTAL AND AVERAGE HOSPITAL CHARGES
 BY AGE GROUPS, INPATIENT DISCHARGES FROM UTAH HOSPITALS:1993-97

Age 10-14

Category of Diagnosis	Total* Discharges	HOSPITAL CHARGES (DOLLARS)	
		Total* Charges	Average Charges
All Non-newborn Discharges	16,684	134,635,543	8,112
Bronchiolitis and Bronchitis	28	77,876	2,781
Gastroenteritis	148	392,862	2,709
Pneumonia	617	5,442,675	8,850
Dehydration	155	312,025	2,053
Viral Illness	66	234,498	3,553
Acute Appendicitis	1,898	9,140,227	4,849
Kidney/Urinary tract Infaction	121	388,268	3,236
Acute Laryngitis/tracheiitis	34	73,938	2,175
Convulsions	122	328,617	2,694
Asthma	604	2,442,337	4,071
Diabetes	591	1,939,868	3,282
Behavior Disorders	446	4,500,704	10,091
Depression	1,770	17,420,595	9,864
Manic-Depressive	426	5,041,259	11,834
Substance Abuse	77	444,220	5,923
Unintentional Injuries	3,053	24,672,040	8,105
Self-inflicted Injuries	245	1,230,089	5,041
Injuries Due to Assault	45	388,903	8,642
All Deliveries****	148	455,105	3,075
Vaginal Delivery	128	358,545	2,801
Cesarean Delivery	19	93,956	4,945

* Five-year total number of discharges and charges

SOURCE: Utah Hospital Discharge Database, 1993-97, Utah Department of Health.

TABLE 4(continued)
 NUMBERS OF HOSPITAL DISCHARGES, TOTAL AND AVERAGE HOSPITAL CHARGES
 BY AGE GROUPS, INPATIENT DISCHARGES FROM UTAH HOSPITALS:1993-97

Age 15-19

Category of Diagnosis	HOSPITAL CHARGES (DOLLARS)		
	Total* Discharges	Total* Charges	Average Charges
All Non-newborn Discharges	45,888	275,440,460	6,041
Bronchiolitis and Bronchitis	29	95,232	3,284
Gastroenteritis	171	440,595	2,607
Pneumonia	555	6,479,155	11,716
Dehydration	205	513,228	2,504
Viral Illness	118	387,427	3,283
Acute Appendicitis	1,944	9,071,157	4,700
Kidney/Urinary tract Infection	305	1,014,070	3,347
Acute Laryngitis/tracheiitis	23	96,545	4,198
Convulsions	107	470,892	4,442
Asthma	356	1,573,675	4,433
Diabetes	773	2,552,610	3,337
Behavior Disorders	421	3,556,783	8,448
Depression	3,891	29,895,155	7,689
Manic-Depressive	736	7,343,600	9,991
Substance Abuse	718	4,473,737	6,231
Unintentional Injuries	5,128	49,962,221	9,772
Self-inflicted Injuries	1,034	4,896,591	4,759
Injuries Due to Assault	283	2,360,073	8,339
All Deliveries****	17,103	48,255,861	2,828
Vaginal Delivery	14,835	37,036,758	2,503
Cesarean Delivery	2,087	10,715,210	5,142

* Five-year total number of discharges and charges

SOURCE: Utah Hospital Discharge Database, 1993-97, Utah Department of Health.

TABLE 5:
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Utah-All Districts

Category of Diseases	No. of * Cases	DISTRICT DISCHARGE RATES (PER 10,000 PERSONS)			
		Crude	Adjusted**	LCL***	UCL***
All Non-newborn Discharges	118864	318.2	313.5	311.8	315.3
ACUTE					
Bronchiolitis and Bronchitis	5,350	14.3	13.6	13.2	13.9
Gastroenteritis	1,589	4.3	4.1	3.9	4.3
Pneumonia	8,078	21.6	20.9	20.4	21.4
Dehydration	3,020	8.1	7.8	7.5	8.1
Viral Illness	923	2.5	2.4	2.2	2.5
Acute Appendicitis	4,778	12.8	12.9	12.5	13.3
Kidney/Urinary tract Infection	1,474	3.9	3.9	3.7	4.1
Acute Laryngitis/tracheiitis	1,340	3.6	3.4	3.3	3.6
Convulsions	1,143	3.1	3.0	2.8	3.1
CHRONIC					
Asthma	3,603	9.6	9.5	9.2	9.8
Diabetes	1,798	4.8	4.8	4.6	5.1
MENTAL HEALTH					
Behavior Disorders	1,082	2.9	2.9	2.8	3.1
Depression	5,845	15.6	15.7	15.3	16.1
Manic-Depressive	1,252	3.4	3.4	3.2	3.6
Substance Abuse	799	2.1	2.1	2.0	2.3
INJURY					
Unintentional Injuries	14,485	38.8	38.6	38.0	39.2
Self-inflicted Injuries	1,325	3.5	3.5	3.4	3.7
Injuries Due to Assault	442	1.2	1.2	1.1	1.3
DELIVERY					
All Deliveries****	17,256	364.5	364.5	359.1	370.0
Vaginal Delivery	14,967	316.2	316.2	311.1	321.2
Cesarean Delivery	2,107	44.5	44.5	42.6	46.4

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Bear River District

Category of Diseases	No. of * Cases	DISTRICT				UTAH
		DISCHARGE RATES (PER 10,000 PERSONS)			Rate	
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	7,123	288.8	284.6	278.1	291.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	290	11.8	11.2	9.9	12.5	13.6
Gastroenteritis	68	2.8	2.7	2.1	3.3	4.1
Pneumonia	652	26.4	25.6	23.6	27.5	20.9
Dehydration	223	9.0	8.7	7.6	9.9	7.8
Viral Illness	27	1.1	1.1	0.7	1.5	2.4
Acute Appendicitis	475	19.3	19.4	17.7	21.2	12.9
Kidney/Urinary tract Infection	86	3.5	3.5	2.7	4.2	3.9
Acute Laryngitis/tracheiitis	113	4.6	4.4	3.6	5.2	3.4
Convulsions	54	2.2	2.1	1.6	2.7	3.0
CHRONIC						
Asthma	216	8.8	8.6	7.5	9.8	9.5
Diabetes	88	3.6	3.6	2.8	4.3	4.8
MENTAL HEALTH						
Behavior Disorders	55	2.2	2.2	1.7	2.8	2.9
Depression	366	14.8	14.9	13.3	16.4	15.7
Manic-Depressive	49	2.0	2.0	1.4	2.5	3.4
Substance Abuse	50	2.0	2.0	1.5	2.6	2.1
INJURY						
Unintentional Injuries	739	30.0	29.9	27.7	32.0	38.6
Self-inflicted Injuries	154	6.2	6.2	5.2	7.2	3.5
Injuries Due to Assault	7	0.3	0.3	0.1	0.5	1.2
DELIVERY						
All Deliveries****	888	285.5	285.5	266.7	304.3	364.5
Vaginal Delivery	775	249.2	249.2	231.6	266.7	316.2
Cesarean Delivery	96	30.9	30.9	24.7	37.0	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Central Utah District

Category of Diseases	No. of * Cases	DISTRICT				UTAH
		DISCHARGE RATES (PER 10,000 PERSONS)				Rate
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	4,649	397.2	402.2	390.9	413.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	267	22.8	26.2	23.1	29.4	13.6
Gastroenteritis	107	9.1	9.8	7.9	11.6	4.1
Pneumonia	490	41.9	46.4	42.3	50.5	20.9
Dehydration	101	8.6	9.4	7.5	11.2	7.8
Viral Illness	39	3.3	3.4	2.3	4.5	2.4
Acute Appendicitis	220	18.8	17.6	15.3	20.0	12.9
Kidney/Urinary tract Infection	63	5.4	5.6	4.2	7.0	3.9
Acute Laryngitis/tracheiitis	113	9.7	11.0	9.0	13.0	3.4
Convulsions	45	3.8	4.2	3.0	5.4	3.0
CHRONIC						
Asthma	119	10.2	10.6	8.7	12.5	9.5
Diabetes	78	6.7	6.3	4.9	7.8	4.8
MENTAL HEALTH						
Behavior Disorders	7	0.6	0.5	0.1	0.9	2.9
Depression	148	12.6	11.2	9.4	13.0	15.7
Manic-Depressive	52	4.4	4.1	3.0	5.2	3.4
Substance Abuse	14	1.2	1.1	0.5	1.6	2.1
INJURY						
Unintentional Injuries	663	56.6	55.6	51.4	59.9	38.6
Self-inflicted Injuries	41	3.5	3.1	2.2	4.1	3.5
Injuries Due to Assault	7	0.6	0.6	0.2	1.0	1.2
DELIVERY						
All Deliveries****	590	346.1	346.1	318.2	374.1	364.5
Vaginal Delivery	475	278.7	278.7	253.6	303.7	316.2
Cesarean Delivery	110	64.5	64.5	52.5	76.6	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.
 The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Davis County District

Category of Diseases	DISTRICT					UTAH
	No. of * Cases	DISCHARGE Crude	RATES (PER 10,000 PERSONS) Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	11,736	274.6	277.6	272.7	282.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	576	13.5	14.1	12.9	15.2	13.6
Gastroenteritis	160	3.7	3.9	3.3	4.4	4.1
Pneumonia	550	12.9	13.2	12.1	14.3	20.9
Dehydration	275	6.4	6.7	5.9	7.4	7.8
Viral Illness	88	2.1	2.1	1.7	2.6	2.4
Acute Appendicitis	499	11.7	11.4	10.4	12.4	12.9
Kidney/Urinary tract Infection	149	3.5	3.6	3.0	4.1	3.9
Acute Laryngitis/tracheiitis	130	3.0	3.2	2.6	3.7	3.4
Convulsions	132	3.1	3.2	2.6	3.7	3.0
CHRONIC						
Asthma	304	7.1	7.2	6.4	8.0	9.5
Diabetes	164	3.8	3.8	3.2	4.4	4.8
MENTAL HEALTH						
Behavior Disorders	193	4.5	4.4	3.8	5.1	2.9
Depression	791	18.5	18.2	17.0	19.5	15.7
Manic-Depressive	123	2.9	2.8	2.3	3.3	3.4
Substance Abuse	103	2.4	2.4	1.9	2.9	2.1
INJURY						
Unintentional Injuries	1,245	29.1	29.3	27.7	31.0	38.6
Self-inflicted Injuries	113	2.6	2.6	2.1	3.1	3.5
Injuries Due to Assault	29	0.7	0.7	0.4	0.9	1.2
DELIVERY						
All Deliveries****	1,546	294.7	294.7	280.0	309.4	364.5
Vaginal Delivery	1,307	249.2	249.2	235.6	262.7	316.2
Cesarean Delivery	220	41.9	41.9	36.4	47.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.
 The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Salt Lake City/County District

Category of Diseases	No. of * Cases	DISTRICT				UTAH
		DISCHARGE RATES (PER 10,000 PERSONS)				Rate
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	47,183	319.5	318.5	315.7	321.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	2,109	14.3	13.3	12.7	13.9	13.6
Gastroenteritis	442	3.0	2.9	2.6	3.1	4.1
Pneumonia	2,149	14.5	13.9	13.3	14.5	20.9
Dehydration	892	6.0	5.7	5.4	6.1	7.8
Viral Illness	357	2.4	2.3	2.1	2.5	2.4
Acute Appendicitis	1,769	12.0	12.2	11.7	12.8	12.9
Kidney/Urinary tract Infection	602	4.1	3.9	3.6	4.2	3.9
Acute Laryngitis/tracheiitis	366	2.5	2.3	2.1	2.6	3.4
Convulsions	432	2.9	2.8	2.5	3.1	3.0
CHRONIC						
Asthma	1,771	12.0	11.7	11.1	12.2	9.5
Diabetes	755	5.1	5.2	4.9	5.6	4.8
MENTAL HEALTH						
Behavior Disorders	454	3.1	3.1	2.9	3.4	2.9
Depression	2,326	15.7	16.3	15.6	17.0	15.7
Manic-Depressive	381	2.6	2.7	2.4	2.9	3.4
Substance Abuse	376	2.5	2.7	2.4	2.9	2.1
INJURY						
Unintentional Injuries	5,996	40.6	40.7	39.7	41.7	38.6
Self-inflicted Injuries	451	3.1	3.2	2.9	3.5	3.5
Injuries Due to Assault	278	1.9	1.9	1.7	2.1	1.2
DELIVERY						
All Deliveries****	7,043	405.6	405.6	396.1	415.0	364.5
Vaginal Delivery	6,210	357.6	357.6	348.7	366.5	316.2
Cesarean Delivery	758	43.7	43.7	40.5	46.8	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Southeastern Utah District

Category of Diseases	DISTRICT					UTAH
	No. of * Cases	DISCHARGE Crude	RATES (PER Adjusted**	10,000 PERSONS) LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	3,918	381.0	386.5	374.7	398.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	103	10.0	10.9	8.8	13.0	13.6
Gastroenteritis	169	16.4	17.5	14.9	20.2	4.1
Pneumonia	455	44.2	47.7	43.3	52.1	20.9
Dehydration	84	8.2	8.7	6.8	10.5	7.8
Viral Illness	64	6.2	6.5	4.9	8.1	2.4
Acute Appendicitis	97	9.4	9.0	7.2	10.8	12.9
Kidney/Urinary tract Infection	40	3.9	4.1	2.8	5.3	3.9
Acute Laryngitis/tracheiitis	80	7.8	8.5	6.6	10.3	3.4
Convulsions	32	3.1	3.3	2.1	4.4	3.0
CHRONIC						
Asthma	156	15.2	15.8	13.3	18.3	9.5
Diabetes	69	6.7	6.5	4.9	8.0	4.8
MENTAL HEALTH						
Behavior Disorders	14	1.4	1.3	0.6	2.0	2.9
Depression	96	9.3	8.8	7.0	10.5	15.7
Manic-Depressive	40	3.9	3.7	2.5	4.8	3.4
Substance Abuse	19	1.8	1.7	0.9	2.5	2.1
INJURY						
Unintentional Injuries	404	39.3	39.1	35.3	43.0	38.6
Self-inflicted Injuries	48	4.7	4.3	3.1	5.6	3.5
Injuries Due to Assault	10	1.0	1.0	0.4	1.6	1.2
DELIVERY						
All Deliveries****	515	380.6	380.6	347.7	413.5	364.5
Vaginal Delivery	455	336.3	336.3	305.4	367.2	316.2
Cesarean Delivery	59	43.6	43.6	32.5	54.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Southwest Utah District

Category of Diseases	No. of * Cases	DISTRICT				UTAH
		DISCHARGE RATES (PER 10,000 PERSONS)				Rate
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	6,182	309.5	303.2	295.7	310.6	313.5
ACUTE						
Bronchiolitis and Bronchitis	186	9.3	9.0	7.7	10.3	13.6
Gastroenteritis	123	6.2	6.1	5.0	7.2	4.1
Pneumonia	736	36.9	36.0	33.4	38.6	20.9
Dehydration	201	10.1	9.9	8.5	11.2	7.8
Viral Illness	46	2.3	2.3	1.6	2.9	2.4
Acute Appendicitis	298	14.9	14.9	13.2	16.5	12.9
Kidney/Urinary tract Infection	78	3.9	3.9	3.0	4.8	3.9
Acute Laryngitis/tracheiitis	71	3.6	3.5	2.7	4.3	3.4
Convulsions	60	3.0	3.0	2.2	3.7	3.0
CHRONIC						
Asthma	111	5.6	5.6	4.6	6.7	9.5
Diabetes	98	4.9	4.9	3.9	5.9	4.8
MENTAL HEALTH						
Behavior Disorders	24	1.2	1.2	0.7	1.7	2.9
Depression	103	5.2	5.0	4.0	6.0	15.7
Manic-Depressive	34	1.7	1.7	1.1	2.2	3.4
Substance Abuse	8	0.4	0.4	0.1	0.7	2.1
INJURY						
Unintentional Injuries	935	46.8	46.4	43.4	49.4	38.6
Self-inflicted Injuries	55	2.8	2.7	2.0	3.4	3.5
Injuries Due to Assault	11	0.6	0.5	0.2	0.9	1.2
DELIVERY						
All Deliveries****	896	331.3	331.3	309.6	353.0	364.5
Vaginal Delivery	741	274.0	274.0	254.2	293.7	316.2
Cesarean Delivery	151	55.8	55.8	46.9	64.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Summit County District

Category of Diseases	DISTRICT					UTAH
	No. of * Cases	DISCHARGE Crude	RATES (PER 10,000 PERSONS) Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	939	257.2	261.0	244.6	277.4	313.5
ACUTE						
Bronchiolitis and Bronchitis	29	7.9	7.8	5.0	10.7	13.6
Gastroenteritis	8	2.2	2.2	0.7	3.8	4.1
Pneumonia	39	10.7	10.6	7.2	13.9	20.9
Dehydration	15	4.1	4.1	2.0	6.2	7.8
Viral Illness	8	2.2	2.1	0.7	3.6	2.4
Acute Appendicitis	36	9.9	9.9	6.7	13.1	12.9
Kidney/Urinary tract Infection	10	2.7	2.8	1.1	4.6	3.9
Acute Laryngitis/tracheiitis	7	1.9	1.9	0.5	3.3	3.4
Convulsions	9	2.5	2.4	0.8	4.0	3.0
CHRONIC						
Asthma	17	4.7	4.6	2.4	6.8	9.5
Diabetes	11	3.0	3.0	1.2	4.8	4.8
MENTAL HEALTH						
Behavior Disorders	6	1.6	1.7	0.3	3.1	2.9
Depression	28	7.7	7.7	4.8	10.5	15.7
Manic-Depressive	6	1.6	1.7	0.3	3.0	3.4
Substance Abuse	5	1.4	1.5	0.2	2.7	2.1
INJURY						
Unintentional Injuries	176	48.2	48.9	41.7	56.1	38.6
Self-inflicted Injuries	7	1.9	2.0	0.5	3.5	3.5
Injuries Due to Assault	2	0.5	0.6	0.0	1.4	1.2
DELIVERY						
All Deliveries****	86	207.2	207.2	163.4	251.0	364.5
Vaginal Delivery	75	180.7	180.7	139.8	221.6	316.2
Cesarean Delivery	11	26.5	26.5	10.8	42.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Tooele County District

Category of Diseases	No. of * Cases	DISTRICT				UTAH
		DISCHARGE RATES (PER 10,000 PERSONS)				Rate
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	1,801	333.8	329.4	314.5	344.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	59	10.9	11.3	8.4	14.1	13.6
Gastroenteritis	19	3.5	3.6	2.0	5.2	4.1
Pneumonia	66	12.2	12.7	9.6	15.7	20.9
Dehydration	31	5.7	5.9	3.8	7.9	7.8
Viral Illness	7	1.3	1.3	0.3	2.3	2.4
Acute Appendicitis	56	10.4	10.1	7.4	12.7	12.9
Kidney/Urinary tract Infection	20	3.7	3.8	2.2	5.5	3.9
Acute Laryngitis/tracheiitis	19	3.5	3.6	2.0	5.2	3.4
Convulsions	9	1.7	1.7	0.6	2.8	3.0
CHRONIC						
Asthma	53	9.8	10.2	7.5	13.0	9.5
Diabetes	35	6.5	6.2	4.1	8.2	4.8
MENTAL HEALTH						
Behavior Disorders	23	4.3	4.2	2.5	5.9	2.9
Depression	102	18.9	18.1	14.6	21.6	15.7
Manic-Depressive	19	3.5	3.3	1.8	4.9	3.4
Substance Abuse	9	1.7	1.6	0.5	2.6	2.1
INJURY						
Unintentional Injuries	247	45.8	45.5	39.9	51.2	38.6
Self-inflicted Injuries	14	2.6	2.5	1.2	3.8	3.5
Injuries Due to Assault	3	0.6	0.5	0.0	1.2	1.2
DELIVERY						
All Deliveries****	371	526.7	526.7	473.1	580.3	364.5
Vaginal Delivery	331	469.9	469.9	419.3	520.5	316.2
Cesarean Delivery	34	48.3	48.3	32.0	64.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Tri County District

Category of Diseases	DISTRICT					UTAH
	No. of * Cases	DISCHARGE Crude	RATES (PER Adjusted**	10,000 PERSONS) LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	3,716	472.4	485.5	470.3	500.6	313.5
ACUTE						
Bronchiolitis and Bronchitis	193	24.5	27.8	23.9	31.7	13.6
Gastroenteritis	24	3.1	3.2	1.9	4.6	4.1
Pneumonia	443	56.3	62.0	56.2	67.7	20.9
Dehydration	144	18.3	20.0	16.7	23.2	7.8
Viral Illness	19	2.4	2.7	1.5	3.8	2.4
Acute Appendicitis	161	20.5	19.6	16.6	22.6	12.9
Kidney/Urinary tract Infection	58	7.4	7.6	5.7	9.6	3.9
Acute Laryngitis/tracheiitis	32	4.1	4.5	2.9	6.0	3.4
Convulsions	29	3.7	3.9	2.5	5.4	3.0
CHRONIC						
Asthma	90	11.4	12.2	9.7	14.7	9.5
Diabetes	56	7.1	6.9	5.1	8.8	4.8
MENTAL HEALTH						
Behavior Disorders	18	2.3	2.2	1.2	3.2	2.9
Depression	110	14.0	13.2	10.8	15.7	15.7
Manic-Depressive	46	5.8	5.5	3.9	7.1	3.4
Substance Abuse	12	1.5	1.5	0.6	2.3	2.1
INJURY						
Unintentional Injuries	434	55.2	55.0	49.9	60.2	38.6
Self-inflicted Injuries	37	4.7	4.5	3.0	5.9	3.5
Injuries Due to Assault	11	1.4	1.4	0.6	2.2	1.2
DELIVERY						
All Deliveries****	532	561.1	561.1	513.4	608.8	364.5
Vaginal Delivery	424	447.2	447.2	404.6	489.8	316.2
Cesarean Delivery	106	111.8	111.8	90.5	133.1	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Utah County District

Category of Diseases	No. of * Cases	DISTRICT				UTAH
		DISCHARGE RATES (PER 10,000 PERSONS)				Rate
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	18,502	285.7	270.3	266.5	274.2	313.5
ACUTE						
Bronchiolitis and Bronchitis	828	12.8	11.0	10.3	11.8	13.6
Gastroenteritis	214	3.3	3.1	2.6	3.5	4.1
Pneumonia	1,635	25.2	22.8	21.7	23.9	20.9
Dehydration	568	8.8	7.9	7.2	8.5	7.8
Viral Illness	143	2.2	2.0	1.7	2.3	2.4
Acute Appendicitis	792	12.2	12.6	11.8	13.5	12.9
Kidney/Urinary tract Infection	224	3.5	3.2	2.8	3.7	3.9
Acute Laryngitis/tracheiitis	251	3.9	3.5	3.0	3.9	3.4
Convulsions	170	2.6	2.4	2.0	2.8	3.0
CHRONIC						
Asthma	450	6.9	6.7	6.1	7.4	9.5
Diabetes	246	3.8	3.9	3.4	4.4	4.8
MENTAL HEALTH						
Behavior Disorders	96	1.5	1.6	1.2	1.9	2.9
Depression	974	15.0	14.8	13.9	15.7	15.7
Manic-Depressive	408	6.3	6.4	5.8	7.1	3.4
Substance Abuse	90	1.4	1.3	1.0	1.6	2.1
INJURY						
Unintentional Injuries	2,259	34.9	34.1	32.7	35.6	38.6
Self-inflicted Injuries	230	3.6	3.4	2.9	3.8	3.5
Injuries Due to Assault	33	0.5	0.5	0.3	0.7	1.2
DELIVERY						
All Deliveries****	2,435	256.8	256.8	246.6	267.0	364.5
Vaginal Delivery	2,135	225.1	225.1	215.6	234.7	316.2
Cesarean Delivery	273	28.8	28.8	25.4	32.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Wasatch County District

Category of Diseases	DISTRICT					UTAH
	No. of * Cases	DISCHARGE Crude	RATES (PER 10,000 PERSONS) Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	707	303.2	300.8	279.0	322.6	313.5
ACUTE						
Bronchiolitis and Bronchitis	32	13.7	15.0	9.8	20.1	13.6
Gastroenteritis	8	3.4	3.7	1.1	6.2	4.1
Pneumonia	46	19.7	21.0	14.9	27.1	20.9
Dehydration	5	2.1	2.2	0.3	4.2	7.8
Viral Illness	10	4.3	4.7	1.8	7.6	2.4
Acute Appendicitis	35	15.0	14.3	9.6	19.0	12.9
Kidney/Urinary tract Infection	6	2.6	2.5	0.5	4.6	3.9
Acute Laryngitis/tracheiitis	4	1.7	1.9	0.0	3.7	3.4
Convulsions	2	0.9	0.9	0.0	2.2	3.0
CHRONIC						
Asthma	14	6.0	6.4	3.0	9.7	9.5
Diabetes	4	1.7	1.7	0.0	3.3	4.8
MENTAL HEALTH						
Behavior Disorders	4	1.7	1.7	0.0	3.3	2.9
Depression	26	11.2	10.5	6.5	14.6	15.7
Manic-Depressive	5	2.1	2.0	0.2	3.8	3.4
Substance Abuse	2	0.9	0.8	0.0	1.9	2.1
INJURY						
Unintentional Injuries	104	44.6	43.9	35.4	52.3	38.6
Self-inflicted Injuries	3	1.3	1.3	0.0	2.7	3.5
Injuries Due to Assault	1	0.4	0.4	0.0	1.2	1.2
DELIVERY						
All Deliveries****	102	341.5	341.5	275.2	407.8	364.5
Vaginal Delivery	85	284.6	284.6	224.1	345.1	316.2
Cesarean Delivery	17	56.9	56.9	29.9	84.0	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 5(continued):
 NUMBERS AND RATES (PER 10,000) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY LOCAL HEALTH DISTRICT
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Weber/Morgan District

Category of Diseases	No. of * Cases	DISTRICT				UTAH
		DISCHARGE RATES (PER 10,000 PERSONS)				Rate
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	12,080	372.1	366.0	359.6	372.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	661	20.4	18.8	17.4	20.2	13.6
Gastroenteritis	244	7.5	7.0	6.1	7.9	4.1
Pneumonia	788	24.3	23.1	21.5	24.7	20.9
Dehydration	473	14.6	13.8	12.5	15.0	7.8
Viral Illness	113	3.5	3.3	2.7	3.9	2.4
Acute Appendicitis	333	10.3	10.4	9.3	11.6	12.9
Kidney/Urinary tract Infection	137	4.2	4.1	3.4	4.8	3.9
Acute Laryngitis/tracheiitis	151	4.7	4.4	3.7	5.1	3.4
Convulsions	164	5.1	4.8	4.1	5.6	3.0
CHRONIC						
Asthma	297	9.1	9.0	8.0	10.1	9.5
Diabetes	190	5.9	6.0	5.1	6.8	4.8
MENTAL HEALTH						
Behavior Disorders	187	5.8	5.9	5.0	6.7	2.9
Depression	767	23.6	24.0	22.3	25.7	15.7
Manic-Depressive	88	2.7	2.8	2.2	3.3	3.4
Substance Abuse	108	3.3	3.4	2.7	4.0	2.1
INJURY						
Unintentional Injuries	1,228	37.8	37.6	35.5	39.7	38.6
Self-inflicted Injuries	169	5.2	5.3	4.5	6.0	3.5
Injuries Due to Assault	49	1.5	1.5	1.1	1.9	1.2
DELIVERY						
All Deliveries****	2,184	545.5	545.5	522.6	568.3	364.5
Vaginal Delivery	1,897	473.8	473.8	452.5	495.1	316.2
Cesarean Delivery	263	65.7	65.7	57.7	73.6	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Local Health Districts are Defined by Patients' Residential Zip Codes.

TABLE 6
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Brigham City

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,257	352.6	349.0	306.8	391.2	313.5
ACUTE						
Bronchiolitis and Bronchitis	37	10.4	10.3	2.9	17.6	13.6
Gastroenteritis	10	2.8	2.8	0.0	6.7	4.1
Pneumonia	92	25.8	25.8	14.0	37.5	20.9
Dehydration	48	13.5	13.4	4.9	21.8	7.8
Viral Illness	7	2.0	1.9	0.0	5.2	2.4
Acute Appendicitis	51	14.3	14.3	5.5	23.0	12.9
Kidney/Urinary tract Infection	9	2.5	2.5	0.0	6.2	3.9
Acute Laryngitis/tracheiitis	22	6.2	6.2	0.4	12.0	3.4
Convulsions	9	2.5	2.5	0.0	6.2	3.0
CHRONIC						
Asthma	31	8.7	8.7	1.8	15.5	9.5
Diabetes	15	4.2	4.2	0.0	8.9	4.8
MENTAL HEALTH						
Behavior Disorders	9	2.5	2.5	0.0	6.1	2.9
Depression	154	43.2	42.1	27.3	56.9	15.7
Manic-Depressive	19	5.3	5.2	0.0	10.4	3.4
Substance Abuse	17	4.8	4.7	0.0	9.7	2.1
INJURY						
Unintentional Injuries	126	35.3	35.2	21.5	48.9	38.6
Self-inflicted Injuries	43	12.1	11.8	3.9	19.7	3.5
Injuries Due to Assault	0	0.0	0.0	0.0	0.0	1.2
DELIVERY						
All Deliveries****	198	116.4	116.4	100.2	132.7	364.5
Vaginal Delivery	173	101.7	101.7	86.6	116.9	316.2
Cesarean Delivery	25	14.7	14.7	8.9	20.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Other Box Elder Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,353	311.4	317.2	280.1	354.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	38	8.7	8.7	2.5	14.8	13.6
Gastroenteritis	15	3.5	3.4	0.0	7.3	4.1
Pneumonia	107	24.6	24.4	14.1	34.6	20.9
Dehydration	35	8.1	8.1	2.1	14.1	7.8
Viral Illness	2	0.5	0.5	0.0	1.9	2.4
Acute Appendicitis	124	28.5	28.7	17.4	40.0	12.9
Kidney/Urinary tract Infection	15	3.5	3.5	0.0	7.5	3.9
Acute Laryngitis/tracheiitis	15	3.5	3.5	0.0	7.5	3.4
Convulsions	16	3.7	3.6	0.0	7.6	3.0
CHRONIC						
Asthma	24	5.5	5.5	0.6	10.5	9.5
Diabetes	17	3.9	4.0	0.0	8.2	4.8
MENTAL HEALTH						
Behavior Disorders	9	2.1	2.0	0.0	5.0	2.9
Depression	96	22.1	22.8	12.6	33.0	15.7
Manic-Depressive	10	2.3	2.4	0.0	5.8	3.4
Substance Abuse	9	2.1	2.2	0.0	5.5	2.1
INJURY						
Unintentional Injuries	130	29.9	30.5	18.8	42.2	38.6
Self-inflicted Injuries	23	5.3	5.5	0.5	10.6	3.5
Injuries Due to Assault	5	1.2	1.2	0.0	3.5	1.2
DELIVERY						
All Deliveries****	177	93.7	93.7	79.9	107.5	364.5
Vaginal Delivery	152	80.5	80.5	67.7	93.3	316.2
Cesarean Delivery	23	12.2	12.2	7.2	17.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.
 The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Logan

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,593	244.2	225.8	206.4	245.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	130	12.2	10.8	6.7	15.0	13.6
Gastroenteritis	21	2.0	1.9	0.1	3.8	4.1
Pneumonia	254	23.9	21.8	15.8	27.9	20.9
Dehydration	92	8.7	8.0	4.3	11.8	7.8
Viral Illness	14	1.3	1.3	0.0	2.8	2.4
Acute Appendicitis	158	14.9	15.2	9.8	20.5	12.9
Kidney/Urinary tract Infection	30	2.8	2.8	0.5	5.2	3.9
Acute Laryngitis/tracheiitis	44	4.1	3.8	1.3	6.3	3.4
Convulsions	19	1.8	1.7	0.0	3.5	3.0
CHRONIC						
Asthma	93	8.8	8.6	4.6	12.6	9.5
Diabetes	34	3.2	3.5	0.8	6.2	4.8
MENTAL HEALTH						
Behavior Disorders	20	1.9	1.8	0.0	3.6	2.9
Depression	75	7.1	6.4	3.1	9.6	15.7
Manic-Depressive	10	0.9	0.9	0.0	2.2	3.4
Substance Abuse	11	1.0	0.9	0.0	2.1	2.1
INJURY						
Unintentional Injuries	242	22.8	22.0	15.7	28.3	38.6
Self-inflicted Injuries	57	5.4	4.7	1.9	7.5	3.5
Injuries Due to Assault	0	0.0	0.0	0.0	0.0	1.2
DELIVERY						
All Deliveries****	303	44.4	44.4	39.4	49.4	364.5
Vaginal Delivery	265	38.8	38.8	34.1	43.5	316.2
Cesarean Delivery	29	4.2	4.2	2.7	5.8	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Other Cache/Rich Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,950	347.1	350.8	316.7	384.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	87	15.5	16.0	8.5	23.6	13.6
Gastroenteritis	22	3.9	4.0	0.3	7.7	4.1
Pneumonia	204	36.3	37.2	25.8	48.5	20.9
Dehydration	51	9.1	9.3	3.6	15.1	7.8
Viral Illness	4	0.7	0.7	0.0	2.3	2.4
Acute Appendicitis	142	25.3	24.7	15.6	33.8	12.9
Kidney/Urinary tract Infection	32	5.7	5.8	1.3	10.3	3.9
Acute Laryngitis/tracheiitis	32	5.7	5.9	1.3	10.5	3.4
Convulsions	11	2.0	2.0	0.0	4.7	3.0
CHRONIC						
Asthma	69	12.3	12.5	5.9	19.1	9.5
Diabetes	23	4.1	4.0	0.3	7.6	4.8
MENTAL HEALTH						
Behavior Disorders	17	3.0	3.0	0.0	6.1	2.9
Depression	41	7.3	7.2	2.3	12.2	15.7
Manic-Depressive	10	1.8	1.8	0.0	4.2	3.4
Substance Abuse	13	2.3	2.3	0.0	5.2	2.1
INJURY						
Unintentional Injuries	245	43.6	43.6	31.4	55.9	38.6
Self-inflicted Injuries	31	5.5	5.5	1.2	9.9	3.5
Injuries Due to Assault	2	0.4	0.4	0.0	1.5	1.2
DELIVERY						
All Deliveries****	210	84.0	84.0	72.7	95.4	364.5
Vaginal Delivery	185	74.0	74.0	63.4	84.7	316.2
Cesarean Delivery	19	7.6	7.6	4.2	11.0	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.
 The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Ben Lomond

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,777	397.3	389.9	358.3	421.6	313.5
ACUTE						
Bronchiolitis and Bronchitis	123	17.6	16.4	9.9	22.8	13.6
Gastroenteritis	64	9.2	8.6	3.9	13.4	4.1
Pneumonia	189	27.0	26.1	17.8	34.4	20.9
Dehydration	107	15.3	14.5	8.4	20.6	7.8
Viral Illness	29	4.1	4.0	0.7	7.2	2.4
Acute Appendicitis	66	9.4	9.6	4.4	14.7	12.9
Kidney/Urinary tract Infection	28	4.0	3.9	0.7	7.1	3.9
Acute Laryngitis/tracheiitis	34	4.9	4.6	1.1	8.0	3.4
Convulsions	41	5.9	5.6	1.8	9.5	3.0
CHRONIC						
Asthma	89	12.7	12.7	6.8	18.7	9.5
Diabetes	28	4.0	4.0	0.7	7.4	4.8
MENTAL HEALTH						
Behavior Disorders	43	6.2	6.3	2.1	10.5	2.9
Depression	187	26.8	26.9	18.3	35.6	15.7
Manic-Depressive	16	2.3	2.3	0.0	4.8	3.4
Substance Abuse	20	2.9	2.9	0.1	5.6	2.1
INJURY						
Unintentional Injuries	284	40.6	40.3	29.9	50.8	38.6
Self-inflicted Injuries	41	5.9	5.8	1.8	9.8	3.5
Injuries Due to Assault	10	1.4	1.4	0.0	3.4	1.2
DELIVERY						
All Deliveries****	496	149.9	149.9	136.7	163.1	364.5
Vaginal Delivery	430	130.0	130.0	117.7	142.2	316.2
Cesarean Delivery	60	18.1	18.1	13.5	22.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Morgan/East Weber Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,386	216.2	219.4	193.7	245.0	313.5
ACUTE						
Bronchiolitis and Bronchitis	77	12.0	14.1	7.1	21.1	13.6
Gastroenteritis	40	6.2	6.9	2.1	11.8	4.1
Pneumonia	98	15.3	16.4	9.1	23.6	20.9
Dehydration	43	6.7	7.7	2.5	12.8	7.8
Viral Illness	11	1.7	1.8	0.0	4.2	2.4
Acute Appendicitis	39	6.1	5.7	1.7	9.8	12.9
Kidney/Urinary tract Infection	21	3.3	3.4	0.1	6.6	3.9
Acute Laryngitis/tracheiitis	18	2.8	3.2	0.0	6.5	3.4
Convulsions	19	3.0	3.2	0.0	6.5	3.0
CHRONIC						
Asthma	33	5.1	5.6	1.3	9.9	9.5
Diabetes	23	3.6	3.6	0.3	6.9	4.8
MENTAL HEALTH						
Behavior Disorders	13	2.0	1.9	0.0	4.1	2.9
Depression	91	14.2	12.9	7.0	18.8	15.7
Manic-Depressive	6	0.9	0.9	0.0	2.5	3.4
Substance Abuse	12	1.9	1.7	0.0	3.9	2.1
INJURY						
Unintentional Injuries	201	31.4	30.8	21.2	40.3	38.6
Self-inflicted Injuries	16	2.5	2.3	0.0	4.8	3.5
Injuries Due to Assault	2	0.3	0.3	0.0	1.2	1.2
DELIVERY						
All Deliveries****	148	42.8	42.8	35.9	49.6	364.5
Vaginal Delivery	136	39.3	39.3	32.7	45.9	316.2
Cesarean Delivery	10	2.9	2.9	1.1	4.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.
 The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Downtown Ogden

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,539	679.9	633.4	580.4	686.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	176	47.1	41.7	28.1	55.4	13.6
Gastroenteritis	49	13.1	12.0	4.5	19.6	4.1
Pneumonia	174	46.6	42.6	28.4	56.7	20.9
Dehydration	93	24.9	22.7	12.4	33.1	7.8
Viral Illness	29	7.8	7.2	1.3	13.1	2.4
Acute Appendicitis	64	17.1	17.6	7.9	27.4	12.9
Kidney/Urinary tract Infection	24	6.4	6.0	0.6	11.3	3.9
Acute Laryngitis/tracheiitis	23	6.2	5.6	0.5	10.7	3.4
Convulsions	37	9.9	9.5	2.6	16.4	3.0
CHRONIC						
Asthma	54	14.5	13.6	5.5	21.8	9.5
Diabetes	34	9.1	8.4	2.1	14.8	4.8
MENTAL HEALTH						
Behavior Disorders	44	11.8	12.1	4.1	20.2	2.9
Depression	149	39.9	39.2	25.1	53.4	15.7
Manic-Depressive	30	8.0	8.2	1.6	14.7	3.4
Substance Abuse	11	2.9	2.7	0.0	6.2	2.1
INJURY						
Unintentional Injuries	212	56.8	55.7	38.9	72.6	38.6
Self-inflicted Injuries	29	7.8	7.1	1.3	12.9	3.5
Injuries Due to Assault	17	4.6	4.1	0.0	8.5	1.2
DELIVERY						
All Deliveries****	643	308.2	308.2	284.4	332.0	364.5
Vaginal Delivery	551	264.1	264.1	242.0	286.1	316.2
Cesarean Delivery	85	40.7	40.7	32.1	49.4	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

South Ogden

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,877	409.7	387.2	348.5	425.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	98	21.4	21.5	12.0	31.0	13.6
Gastroenteritis	23	5.0	5.0	0.4	9.7	4.1
Pneumonia	115	25.1	25.6	15.2	36.1	20.9
Dehydration	72	15.7	16.4	7.9	24.9	7.8
Viral Illness	15	3.3	3.3	0.0	7.0	2.4
Acute Appendicitis	46	10.0	9.6	3.3	16.0	12.9
Kidney/Urinary tract Infection	13	2.8	2.7	0.0	6.1	3.9
Acute Laryngitis/tracheiitis	32	7.0	7.1	1.6	12.7	3.4
Convulsions	31	6.8	7.1	1.5	12.7	3.0
CHRONIC						
Asthma	35	7.6	8.3	2.1	14.4	9.5
Diabetes	46	10.0	9.8	3.4	16.2	4.8
MENTAL HEALTH						
Behavior Disorders	29	6.3	6.3	1.1	11.5	2.9
Depression	115	25.1	22.6	13.3	32.0	15.7
Manic-Depressive	14	3.1	2.9	0.0	6.4	3.4
Substance Abuse	14	3.1	2.4	0.0	5.2	2.1
INJURY						
Unintentional Injuries	169	36.9	35.9	23.7	48.2	38.6
Self-inflicted Injuries	23	5.0	4.3	0.3	8.3	3.5
Injuries Due to Assault	11	2.4	2.1	0.0	5.0	1.2
DELIVERY						
All Deliveries****	335	109.1	109.1	97.4	120.7	364.5
Vaginal Delivery	288	93.8	93.8	82.9	104.6	316.2
Cesarean Delivery	45	14.6	14.6	10.4	18.9	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Roy/Hooper

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,141	309.1	305.8	277.4	334.2	313.5
ACUTE						
Bronchiolitis and Bronchitis	110	15.9	15.9	9.3	22.5	13.6
Gastroenteritis	41	5.9	5.9	1.9	9.9	4.1
Pneumonia	118	17.0	17.1	10.2	24.0	20.9
Dehydration	86	12.4	12.5	6.6	18.4	7.8
Viral Illness	16	2.3	2.3	0.0	4.8	2.4
Acute Appendicitis	65	9.4	9.3	4.3	14.4	12.9
Kidney/Urinary tract Infection	36	5.2	5.2	1.4	9.1	3.9
Acute Laryngitis/tracheiitis	27	3.9	3.9	0.6	7.3	3.4
Convulsions	22	3.2	3.2	0.2	6.1	3.0
CHRONIC						
Asthma	49	7.1	7.3	2.7	11.8	9.5
Diabetes	49	7.1	7.0	2.6	11.4	4.8
MENTAL HEALTH						
Behavior Disorders	41	5.9	5.8	1.8	9.9	2.9
Depression	148	21.4	20.6	13.2	28.0	15.7
Manic-Depressive	14	2.0	2.0	0.0	4.3	3.4
Substance Abuse	17	2.5	2.4	0.0	4.9	2.1
INJURY						
Unintentional Injuries	237	34.2	34.0	24.3	43.7	38.6
Self-inflicted Injuries	36	5.2	5.0	1.4	8.7	3.5
Injuries Due to Assault	3	0.4	0.4	0.0	1.5	1.2
DELIVERY						
All Deliveries****	352	99.5	99.5	89.1	109.9	364.5
Vaginal Delivery	307	86.8	86.8	77.0	96.5	316.2
Cesarean Delivery	38	10.7	10.7	7.3	14.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Riverdale

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate	
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	1,320	332.7	323.6	285.1	362.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	76	19.2	20.2	10.1	30.3	13.6
Gastroenteritis	27	6.8	7.2	1.1	13.3	4.1
Pneumonia	91	22.9	24.0	13.0	35.0	20.9
Dehydration	72	18.1	19.2	9.3	29.1	7.8
Viral Illness	13	3.3	3.3	0.0	7.4	2.4
Acute Appendicitis	53	13.4	13.0	5.1	20.8	12.9
Kidney/Urinary tract Infection	15	3.8	4.0	0.0	8.5	3.9
Acute Laryngitis/tracheiitis	17	4.3	4.5	0.0	9.4	3.4
Convulsions	14	3.5	3.7	0.0	8.0	3.0
CHRONIC						
Asthma	37	9.3	9.9	2.7	17.1	9.5
Diabetes	10	2.5	2.5	0.0	5.9	4.8
MENTAL HEALTH						
Behavior Disorders	17	4.3	4.0	0.0	8.2	2.9
Depression	75	18.9	16.7	8.2	25.1	15.7
Manic-Depressive	7	1.8	1.6	0.0	4.1	3.4
Substance Abuse	11	2.8	2.4	0.0	5.5	2.1
INJURY						
Unintentional Injuries	124	31.3	30.5	18.4	42.6	38.6
Self-inflicted Injuries	24	6.0	5.4	0.6	10.3	3.5
Injuries Due to Assault	6	1.5	1.4	0.0	4.0	1.2
DELIVERY						
All Deliveries****	209	98.0	98.0	84.7	111.3	364.5
Vaginal Delivery	184	86.3	86.3	73.8	98.7	316.2
Cesarean Delivery	25	11.7	11.7	7.1	16.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Clearfield/Hill AFB

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,843	309.2	297.2	273.1	321.4	313.5
ACUTE						
Bronchiolitis and Bronchitis	157	17.1	16.1	10.5	21.7	13.6
Gastroenteritis	46	5.0	4.9	1.7	8.0	4.1
Pneumonia	136	14.8	14.6	9.1	20.0	20.9
Dehydration	80	8.7	8.4	4.3	12.6	7.8
Viral Illness	28	3.0	2.9	0.5	5.3	2.4
Acute Appendicitis	89	9.7	9.9	5.3	14.6	12.9
Kidney/Urinary tract Infection	34	3.7	3.6	0.9	6.4	3.9
Acute Laryngitis/tracheiitis	34	3.7	3.6	0.9	6.3	3.4
Convulsions	39	4.2	4.1	1.2	6.9	3.0
CHRONIC						
Asthma	53	5.8	5.9	2.3	9.5	9.5
Diabetes	27	2.9	2.8	0.4	5.2	4.8
MENTAL HEALTH						
Behavior Disorders	65	7.1	7.2	3.3	11.2	2.9
Depression	218	23.7	23.0	16.2	29.9	15.7
Manic-Depressive	24	2.6	2.6	0.3	4.9	3.4
Substance Abuse	15	1.6	1.5	0.0	3.2	2.1
INJURY						
Unintentional Injuries	260	28.3	27.9	20.3	35.5	38.6
Self-inflicted Injuries	29	3.2	2.9	0.5	5.3	3.5
Injuries Due to Assault	8	0.9	0.8	0.0	2.1	1.2
DELIVERY						
All Deliveries****	487	108.7	108.7	99.0	118.3	364.5
Vaginal Delivery	410	91.5	91.5	82.6	100.3	316.2
Cesarean Delivery	74	16.5	16.5	12.7	20.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Layton

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)				Rate Adjusted**
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	3,138	307.8	296.8	273.9	319.6	313.5
ACUTE						
Bronchiolitis and Bronchitis	171	16.8	15.2	10.2	20.3	13.6
Gastroenteritis	51	5.0	4.6	1.8	7.5	4.1
Pneumonia	165	16.2	15.4	10.1	20.6	20.9
Dehydration	82	8.0	7.5	3.9	11.2	7.8
Viral Illness	19	1.9	1.8	0.0	3.6	2.4
Acute Appendicitis	97	9.5	9.7	5.4	14.0	12.9
Kidney/Urinary tract Infection	34	3.3	3.2	0.8	5.6	3.9
Acute Laryngitis/tracheiitis	40	3.9	3.6	1.1	6.1	3.4
Convulsions	35	3.4	3.3	0.8	5.7	3.0
CHRONIC						
Asthma	85	8.3	8.2	4.3	12.1	9.5
Diabetes	49	4.8	4.7	1.8	7.7	4.8
MENTAL HEALTH						
Behavior Disorders	67	6.6	6.7	3.1	10.3	2.9
Depression	162	15.9	15.6	10.3	21.0	15.7
Manic-Depressive	40	3.9	3.9	1.2	6.7	3.4
Substance Abuse	24	2.4	2.3	0.2	4.3	2.1
INJURY						
Unintentional Injuries	269	26.4	26.2	19.2	33.2	38.6
Self-inflicted Injuries	31	3.0	3.0	0.6	5.3	3.5
Injuries Due to Assault	10	1.0	0.9	0.0	2.2	1.2
DELIVERY						
All Deliveries****	510	94.5	94.5	86.3	102.6	364.5
Vaginal Delivery	425	78.7	78.7	71.2	86.2	316.2
Cesarean Delivery	76	14.1	14.1	10.9	17.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Syracuse/Kaysville

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,469	237.8	237.5	210.7	264.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	67	10.8	10.8	5.0	16.5	13.6
Gastroenteritis	22	3.6	3.6	0.2	6.9	4.1
Pneumonia	64	10.4	10.4	4.7	16.0	20.9
Dehydration	45	7.3	7.3	2.5	12.1	7.8
Viral Illness	15	2.4	2.4	0.0	5.2	2.4
Acute Appendicitis	91	14.7	14.5	7.8	21.2	12.9
Kidney/Urinary tract Infection	23	3.7	3.7	0.3	7.1	3.9
Acute Laryngitis/tracheiitis	26	4.2	4.2	0.6	7.8	3.4
Convulsions	15	2.4	2.5	0.0	5.2	3.0
CHRONIC						
Asthma	51	8.3	8.2	3.2	13.3	9.5
Diabetes	21	3.4	3.4	0.1	6.7	4.8
MENTAL HEALTH						
Behavior Disorders	7	1.1	1.1	0.0	3.0	2.9
Depression	90	14.6	14.5	7.8	21.1	15.7
Manic-Depressive	15	2.4	2.4	0.0	5.1	3.4
Substance Abuse	10	1.6	1.6	0.0	3.9	2.1
INJURY						
Unintentional Injuries	159	25.7	25.8	16.8	34.8	38.6
Self-inflicted Injuries	10	1.6	1.6	0.0	3.8	3.5
Injuries Due to Assault	0	0.0	0.0	0.0	0.0	1.2
DELIVERY						
All Deliveries****	138	46.2	46.2	38.5	53.9	364.5
Vaginal Delivery	121	40.5	40.5	33.3	47.7	316.2
Cesarean Delivery	15	5.0	5.0	2.5	7.6	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Farmington/Centerville

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate	
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	1,112	205.9	205.3	178.6	232.0	313.5
ACUTE						
Bronchiolitis and Bronchitis	52	9.6	10.5	4.1	16.8	13.6
Gastroenteritis	14	2.6	2.6	0.0	5.7	4.1
Pneumonia	40	7.4	7.8	2.4	13.2	20.9
Dehydration	20	3.7	4.0	0.1	7.9	7.8
Viral Illness	3	0.6	0.6	0.0	2.1	2.4
Acute Appendicitis	62	11.5	10.8	4.8	16.8	12.9
Kidney/Urinary tract Infection	13	2.4	2.4	0.0	5.4	3.9
Acute Laryngitis/tracheiitis	6	1.1	1.2	0.0	3.4	3.4
Convulsions	7	1.3	1.4	0.0	3.7	3.0
CHRONIC						
Asthma	30	5.6	5.9	1.2	10.6	9.5
Diabetes	18	3.3	3.3	0.0	6.6	4.8
MENTAL HEALTH						
Behavior Disorders	14	2.6	2.5	0.0	5.4	2.9
Depression	78	14.4	13.4	6.8	20.0	15.7
Manic-Depressive	13	2.4	2.3	0.0	5.2	3.4
Substance Abuse	11	2.0	1.9	0.0	4.4	2.1
INJURY						
Unintentional Injuries	140	25.9	25.7	16.2	35.3	38.6
Self-inflicted Injuries	11	2.0	1.9	0.0	4.4	3.5
Injuries Due to Assault	3	0.6	0.5	0.0	1.8	1.2
DELIVERY						
All Deliveries****	97	35.2	35.2	28.2	42.2	364.5
Vaginal Delivery	82	29.8	29.8	23.3	36.2	316.2
Cesarean Delivery	14	5.1	5.1	2.4	7.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Woods Cross/No SL

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,030	289.2	287.3	248.8	325.9	313.5
ACUTE						
Bronchiolitis and Bronchitis	36	10.1	9.6	2.6	16.7	13.6
Gastroenteritis	6	1.7	1.7	0.0	4.6	4.1
Pneumonia	43	12.1	12.0	4.0	19.9	20.9
Dehydration	17	4.8	4.7	0.0	9.7	7.8
Viral Illness	8	2.2	2.2	0.0	5.6	2.4
Acute Appendicitis	50	14.0	14.0	5.3	22.6	12.9
Kidney/Urinary tract Infection	9	2.5	2.5	0.0	6.2	3.9
Acute Laryngitis/tracheiitis	6	1.7	1.7	0.0	4.7	3.4
Convulsions	16	4.5	4.4	0.0	9.1	3.0
CHRONIC						
Asthma	35	9.8	9.8	2.5	17.1	9.5
Diabetes	16	4.5	4.6	0.0	9.6	4.8
MENTAL HEALTH						
Behavior Disorders	9	2.5	2.6	0.0	6.3	2.9
Depression	81	22.7	22.6	11.6	33.6	15.7
Manic-Depressive	9	2.5	2.5	0.0	6.2	3.4
Substance Abuse	9	2.5	2.5	0.0	6.2	2.1
INJURY						
Unintentional Injuries	133	37.3	37.5	23.3	51.8	38.6
Self-inflicted Injuries	11	3.1	3.1	0.0	7.1	3.5
Injuries Due to Assault	3	0.8	0.8	0.0	2.8	1.2
DELIVERY						
All Deliveries****	121	69.7	69.7	57.2	82.1	364.5
Vaginal Delivery	105	60.4	60.4	48.9	72.0	316.2
Cesarean Delivery	14	8.1	8.1	3.8	12.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Bountiful

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)				Rate Adjusted**
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	2,096	274.5	268.0	242.4	293.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	92	12.0	12.7	6.9	18.5	13.6
Gastroenteritis	21	2.8	2.7	0.1	5.4	4.1
Pneumonia	100	13.1	14.1	7.9	20.2	20.9
Dehydration	31	4.1	4.3	0.9	7.6	7.8
Viral Illness	15	2.0	1.9	0.0	4.1	2.4
Acute Appendicitis	110	14.4	13.7	7.9	19.6	12.9
Kidney/Urinary tract Infection	36	4.7	5.0	1.3	8.7	3.9
Acute Laryngitis/tracheiitis	18	2.4	2.5	0.0	5.2	3.4
Convulsions	19	2.5	2.7	0.0	5.5	3.0
CHRONIC						
Asthma	49	6.4	6.9	2.5	11.2	9.5
Diabetes	32	4.2	3.9	0.9	7.0	4.8
MENTAL HEALTH						
Behavior Disorders	31	4.1	3.8	0.8	6.8	2.9
Depression	159	20.8	18.2	11.8	24.5	15.7
Manic-Depressive	22	2.9	2.4	0.1	4.7	3.4
Substance Abuse	12	1.6	1.3	0.0	2.8	2.1
INJURY						
Unintentional Injuries	283	37.1	36.9	27.2	46.6	38.6
Self-inflicted Injuries	21	2.8	2.3	0.1	4.5	3.5
Injuries Due to Assault	5	0.7	0.5	0.0	1.5	1.2
DELIVERY						
All Deliveries****	191	40.6	40.6	34.9	46.4	364.5
Vaginal Delivery	162	34.5	34.5	29.2	39.8	316.2
Cesarean Delivery	27	5.7	5.7	3.6	7.9	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Rose Park

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,076	501.2	475.5	430.8	520.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	144	34.8	29.5	18.8	40.3	13.6
Gastroenteritis	27	6.5	5.8	0.9	10.7	4.1
Pneumonia	124	29.9	26.5	16.0	36.9	20.9
Dehydration	31	7.5	6.7	1.4	12.0	7.8
Viral Illness	20	4.8	4.3	0.1	8.5	2.4
Acute Appendicitis	49	11.8	12.5	4.7	20.4	12.9
Kidney/Urinary tract Infection	23	5.6	4.9	0.4	9.3	3.9
Acute Laryngitis/tracheiitis	12	2.9	2.5	0.0	5.6	3.4
Convulsions	23	5.6	5.1	0.4	9.8	3.0
CHRONIC						
Asthma	81	19.6	18.9	9.6	28.2	9.5
Diabetes	17	4.1	4.3	0.0	8.8	4.8
MENTAL HEALTH						
Behavior Disorders	23	5.6	5.9	0.5	11.3	2.9
Depression	63	15.2	15.5	6.9	24.1	15.7
Manic-Depressive	14	3.4	3.6	0.0	7.8	3.4
Substance Abuse	10	2.4	2.4	0.0	5.8	2.1
INJURY						
Unintentional Injuries	223	53.8	52.7	37.2	68.2	38.6
Self-inflicted Injuries	19	4.6	4.5	0.0	9.1	3.5
Injuries Due to Assault	27	6.5	6.3	1.0	11.5	1.2
DELIVERY						
All Deliveries****	388	182.2	182.2	164.0	200.3	364.5
Vaginal Delivery	348	163.4	163.4	146.2	180.6	316.2
Cesarean Delivery	38	17.8	17.8	12.2	23.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Avenues

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate Adjusted**	
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	915	380.7	348.8	298.4	399.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	40	16.6	15.6	4.8	26.4	13.6
Gastroenteritis	10	4.2	4.0	0.0	9.6	4.1
Pneumonia	42	17.5	17.3	5.5	29.1	20.9
Dehydration	13	5.4	4.8	0.0	10.7	7.8
Viral Illness	4	1.7	1.5	0.0	4.7	2.4
Acute Appendicitis	25	10.4	10.2	1.0	19.4	12.9
Kidney/Urinary tract Infection	17	7.1	6.3	0.0	13.1	3.9
Acute Laryngitis/tracheiitis	10	4.2	4.2	0.0	10.0	3.4
Convulsions	6	2.5	2.4	0.0	6.9	3.0
CHRONIC						
Asthma	30	12.5	12.6	2.4	22.9	9.5
Diabetes	5	2.1	2.2	0.0	6.7	4.8
MENTAL HEALTH						
Behavior Disorders	11	4.6	4.5	0.0	10.5	2.9
Depression	46	19.1	16.8	5.7	27.8	15.7
Manic-Depressive	14	5.8	4.6	0.0	9.9	3.4
Substance Abuse	1	0.4	0.3	0.0	1.7	2.1
INJURY						
Unintentional Injuries	122	50.8	47.8	28.4	67.2	38.6
Self-inflicted Injuries	6	2.5	2.0	0.0	5.8	3.5
Injuries Due to Assault	4	1.7	1.7	0.0	5.6	1.2
DELIVERY						
All Deliveries****	122	72.4	72.4	59.6	85.3	364.5
Vaginal Delivery	105	62.3	62.3	50.4	74.3	316.2
Cesarean Delivery	17	10.1	10.1	5.3	14.9	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Foothill/U of U

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	818	247.5	239.2	202.6	275.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	32	9.7	9.9	2.2	17.5	13.6
Gastroenteritis	7	2.1	2.1	0.0	5.7	4.1
Pneumonia	32	9.7	10.1	2.3	17.9	20.9
Dehydration	25	7.6	7.7	0.9	14.4	7.8
Viral Illness	9	2.7	2.7	0.0	6.7	2.4
Acute Appendicitis	31	9.4	9.2	1.8	16.5	12.9
Kidney/Urinary tract Infection	15	4.5	4.6	0.0	9.9	3.9
Acute Laryngitis/tracheiitis	6	1.8	1.9	0.0	5.2	3.4
Convulsions	1	0.3	0.4	0.0	2.0	3.0
CHRONIC						
Asthma	21	6.4	7.2	0.3	14.1	9.5
Diabetes	17	5.1	4.9	0.0	10.2	4.8
MENTAL HEALTH						
Behavior Disorders	7	2.1	2.1	0.0	5.8	2.9
Depression	45	13.6	11.4	3.8	18.9	15.7
Manic-Depressive	5	1.5	1.4	0.0	4.1	3.4
Substance Abuse	11	3.3	2.5	0.0	5.8	2.1
INJURY						
Unintentional Injuries	122	36.9	36.4	21.7	51.1	38.6
Self-inflicted Injuries	11	3.3	2.8	0.0	6.5	3.5
Injuries Due to Assault	3	0.9	0.8	0.0	2.9	1.2
DELIVERY						
All Deliveries****	39	17.5	17.5	12.0	23.0	364.5
Vaginal Delivery	32	14.4	14.4	9.4	19.3	316.2
Cesarean Delivery	6	2.7	2.7	0.5	4.8	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Magna

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate Adjusted**	
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	1,590	375.8	392.1	350.0	434.2	313.5
ACUTE						
Bronchiolitis and Bronchitis	84	19.9	19.5	10.2	28.8	13.6
Gastroenteritis	22	5.2	5.1	0.3	9.9	4.1
Pneumonia	71	16.8	16.4	7.9	25.0	20.9
Dehydration	25	5.9	5.8	0.7	10.9	7.8
Viral Illness	12	2.8	2.9	0.0	6.5	2.4
Acute Appendicitis	49	11.6	11.8	4.4	19.2	12.9
Kidney/Urinary tract Infection	28	6.6	6.7	1.1	12.2	3.9
Acute Laryngitis/tracheiitis	10	2.4	2.3	0.0	5.5	3.4
Convulsions	16	3.8	3.8	0.0	7.9	3.0
CHRONIC						
Asthma	64	15.1	15.0	6.8	23.2	9.5
Diabetes	9	2.1	2.3	0.0	5.6	4.8
MENTAL HEALTH						
Behavior Disorders	12	2.8	2.8	0.0	6.5	2.9
Depression	74	17.5	18.8	9.2	28.5	15.7
Manic-Depressive	13	3.1	3.5	0.0	7.7	3.4
Substance Abuse	6	1.4	1.6	0.0	4.6	2.1
INJURY						
Unintentional Injuries	190	44.9	45.9	31.2	60.5	38.6
Self-inflicted Injuries	20	4.7	5.3	0.1	10.6	3.5
Injuries Due to Assault	10	2.4	2.6	0.0	6.2	1.2
DELIVERY						
All Deliveries****	323	180.2	180.2	160.6	199.9	364.5
Vaginal Delivery	280	156.2	156.2	137.9	174.5	316.2
Cesarean Delivery	43	24.0	24.0	16.8	31.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Glendale

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,173	706.7	666.3	606.0	726.7	313.5
ACUTE						
Bronchiolitis and Bronchitis	158	51.4	43.3	28.3	58.2	13.6
Gastroenteritis	20	6.5	6.1	0.1	12.2	4.1
Pneumonia	147	47.8	42.3	27.0	57.6	20.9
Dehydration	32	10.4	9.2	2.0	16.4	7.8
Viral Illness	22	7.2	6.1	0.4	11.8	2.4
Acute Appendicitis	49	15.9	16.5	6.1	26.9	12.9
Kidney/Urinary tract Infection	25	8.1	7.3	0.9	13.7	3.9
Acute Laryngitis/tracheiitis	11	3.6	3.0	0.0	7.0	3.4
Convulsions	16	5.2	4.5	0.0	9.5	3.0
CHRONIC						
Asthma	128	41.6	40.0	24.4	55.6	9.5
Diabetes	17	5.5	5.7	0.0	11.9	4.8
MENTAL HEALTH						
Behavior Disorders	17	5.5	5.8	0.0	12.0	2.9
Depression	61	19.8	20.2	8.9	31.6	15.7
Manic-Depressive	16	5.2	5.2	0.0	10.9	3.4
Substance Abuse	11	3.6	3.4	0.0	8.0	2.1
INJURY						
Unintentional Injuries	263	85.5	84.7	61.7	107.6	38.6
Self-inflicted Injuries	17	5.5	5.5	0.0	11.4	3.5
Injuries Due to Assault	42	13.7	13.1	4.2	21.9	1.2
DELIVERY						
All Deliveries****	399	261.6	261.6	235.9	287.2	364.5
Vaginal Delivery	351	230.1	230.1	206.0	254.2	316.2
Cesarean Delivery	43	28.2	28.2	19.8	36.6	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

West Valley I

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate Adjusted**	
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	4,238	342.4	342.9	320.3	365.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	184	14.9	15.5	10.5	20.5	13.6
Gastroenteritis	33	2.7	2.7	0.6	4.8	4.1
Pneumonia	199	16.1	16.4	11.3	21.5	20.9
Dehydration	83	6.7	7.0	3.6	10.4	7.8
Viral Illness	35	2.8	2.9	0.8	5.1	2.4
Acute Appendicitis	131	10.6	10.3	6.3	14.2	12.9
Kidney/Urinary tract Infection	44	3.6	3.7	1.2	6.1	3.9
Acute Laryngitis/tracheiitis	30	2.4	2.5	0.5	4.5	3.4
Convulsions	52	4.2	4.3	1.7	7.0	3.0
CHRONIC						
Asthma	157	12.7	13.0	8.5	17.6	9.5
Diabetes	77	6.2	6.1	3.0	9.1	4.8
MENTAL HEALTH						
Behavior Disorders	31	2.5	2.4	0.5	4.4	2.9
Depression	201	16.2	15.6	10.8	20.4	15.7
Manic-Depressive	38	3.1	2.9	0.9	5.0	3.4
Substance Abuse	23	1.9	1.8	0.2	3.4	2.1
INJURY						
Unintentional Injuries	510	41.2	41.3	33.3	49.3	38.6
Self-inflicted Injuries	46	3.7	3.6	1.3	5.9	3.5
Injuries Due to Assault	24	1.9	1.9	0.2	3.6	1.2
DELIVERY						
All Deliveries****	767	124.3	124.3	115.5	133.1	364.5
Vaginal Delivery	675	109.4	109.4	101.1	117.7	316.2
Cesarean Delivery	84	13.6	13.6	10.7	16.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

West Valley II

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,937	422.0	396.3	364.7	427.9	313.5
ACUTE						
Bronchiolitis and Bronchitis	157	22.6	20.4	13.3	27.4	13.6
Gastroenteritis	39	5.6	5.2	1.5	8.9	4.1
Pneumonia	134	19.3	18.4	11.4	25.3	20.9
Dehydration	56	8.0	7.8	3.2	12.3	7.8
Viral Illness	38	5.5	5.1	1.5	8.7	2.4
Acute Appendicitis	77	11.1	11.7	5.8	17.5	12.9
Kidney/Urinary tract Infection	39	5.6	5.3	1.6	9.0	3.9
Acute Laryngitis/tracheiitis	17	2.4	2.3	0.0	4.8	3.4
Convulsions	18	2.6	2.5	0.0	5.0	3.0
CHRONIC						
Asthma	121	17.4	17.8	10.6	24.9	9.5
Diabetes	19	2.7	2.6	0.0	5.3	4.8
MENTAL HEALTH						
Behavior Disorders	28	4.0	4.4	0.7	8.1	2.9
Depression	130	18.7	17.8	10.9	24.8	15.7
Manic-Depressive	14	2.0	1.9	0.0	4.2	3.4
Substance Abuse	14	2.0	1.7	0.0	3.8	2.1
INJURY						
Unintentional Injuries	344	49.4	48.5	37.0	60.1	38.6
Self-inflicted Injuries	34	4.9	4.4	1.1	7.7	3.5
Injuries Due to Assault	15	2.2	2.0	0.0	4.3	1.2
DELIVERY						
All Deliveries****	563	132.9	132.9	121.9	143.8	364.5
Vaginal Delivery	493	116.3	116.3	106.1	126.6	316.2
Cesarean Delivery	64	15.1	15.1	11.4	18.8	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Downtown Salt Lake

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)				Rate Adjusted**
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	2,445	457.5	416.7	379.6	453.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	118	22.1	18.1	10.8	25.4	13.6
Gastroenteritis	17	3.2	2.9	0.0	6.0	4.1
Pneumonia	75	14.0	12.0	5.9	18.1	20.9
Dehydration	49	9.2	8.6	3.1	14.2	7.8
Viral Illness	20	3.7	3.0	0.1	6.0	2.4
Acute Appendicitis	50	9.4	9.4	3.4	15.4	12.9
Kidney/Urinary tract Infection	36	6.7	5.6	1.5	9.8	3.9
Acute Laryngitis/tracheiitis	14	2.6	2.3	0.0	5.1	3.4
Convulsions	30	5.6	5.8	1.0	10.6	3.0
CHRONIC						
Asthma	84	15.7	16.3	8.3	24.3	9.5
Diabetes	17	3.2	3.1	0.0	6.5	4.8
MENTAL HEALTH						
Behavior Disorders	34	6.4	7.5	1.8	13.3	2.9
Depression	117	21.9	21.8	12.6	30.9	15.7
Manic-Depressive	10	1.9	2.0	0.0	4.8	3.4
Substance Abuse	21	3.9	3.3	0.1	6.5	2.1
INJURY						
Unintentional Injuries	272	50.9	50.0	36.3	63.7	38.6
Self-inflicted Injuries	32	6.0	5.6	1.1	10.1	3.5
Injuries Due to Assault	20	3.7	3.4	0.0	6.7	1.2
DELIVERY						
All Deliveries****	438	127.5	127.5	115.5	139.4	364.5
Vaginal Delivery	383	111.5	111.5	100.3	122.6	316.2
Cesarean Delivery	50	14.6	14.6	10.5	18.6	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

South Salt Lake

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,765	574.5	523.4	469.3	577.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	102	33.2	24.9	14.1	35.7	13.6
Gastroenteritis	24	7.8	6.3	0.5	12.1	4.1
Pneumonia	88	28.6	23.0	12.1	33.9	20.9
Dehydration	20	6.5	5.4	0.0	10.9	7.8
Viral Illness	15	4.9	3.6	0.0	7.8	2.4
Acute Appendicitis	56	18.2	19.1	7.7	30.5	12.9
Kidney/Urinary tract Infection	31	10.1	8.2	1.7	14.7	3.9
Acute Laryngitis/tracheiitis	9	2.9	2.2	0.0	5.4	3.4
Convulsions	17	5.5	4.5	0.0	9.3	3.0
CHRONIC						
Asthma	53	17.3	15.8	6.0	25.6	9.5
Diabetes	75	24.4	23.5	11.5	35.5	4.8
MENTAL HEALTH						
Behavior Disorders	19	6.2	8.0	0.0	16.0	2.9
Depression	61	19.9	21.9	9.4	34.3	15.7
Manic-Depressive	11	3.6	3.5	0.0	8.2	3.4
Substance Abuse	13	4.2	4.0	0.0	8.8	2.1
INJURY						
Unintentional Injuries	176	57.3	57.5	38.0	77.0	38.6
Self-inflicted Injuries	7	2.3	2.3	0.0	6.3	3.5
Injuries Due to Assault	17	5.5	4.8	0.0	9.9	1.2
DELIVERY						
All Deliveries****	356	202.5	202.5	181.4	223.5	364.5
Vaginal Delivery	325	184.8	184.8	164.7	204.9	316.2
Cesarean Delivery	29	16.5	16.5	10.5	22.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Millcreek

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)				Rate Adjusted**
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	2,313	307.1	290.2	264.0	316.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	110	14.6	12.6	7.3	17.8	13.6
Gastroenteritis	20	2.7	2.4	0.0	4.7	4.1
Pneumonia	90	11.9	11.3	6.0	16.5	20.9
Dehydration	48	6.4	5.7	2.1	9.4	7.8
Viral Illness	11	1.5	1.3	0.0	2.9	2.4
Acute Appendicitis	74	9.8	10.3	5.0	15.6	12.9
Kidney/Urinary tract Infection	25	3.3	3.1	0.4	5.7	3.9
Acute Laryngitis/tracheiitis	13	1.7	1.6	0.0	3.5	3.4
Convulsions	29	3.8	3.5	0.6	6.3	3.0
CHRONIC						
Asthma	79	10.5	10.1	5.1	15.2	9.5
Diabetes	64	8.5	8.4	3.8	13.0	4.8
MENTAL HEALTH						
Behavior Disorders	16	2.1	2.3	0.0	4.8	2.9
Depression	114	15.1	14.8	8.7	20.9	15.7
Manic-Depressive	20	2.7	2.7	0.0	5.3	3.4
Substance Abuse	10	1.3	1.3	0.0	3.1	2.1
INJURY						
Unintentional Injuries	339	45.0	44.5	33.9	55.2	38.6
Self-inflicted Injuries	21	2.8	2.7	0.1	5.2	3.5
Injuries Due to Assault	12	1.6	1.5	0.0	3.4	1.2
DELIVERY						
All Deliveries****	226	55.2	55.2	48.0	62.4	364.5
Vaginal Delivery	200	48.8	48.8	42.1	55.6	316.2
Cesarean Delivery	24	5.9	5.9	3.5	8.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Holladay

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,697	266.3	254.8	227.8	281.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	58	9.1	9.6	4.1	15.1	13.6
Gastroenteritis	9	1.4	1.5	0.0	3.7	4.1
Pneumonia	62	9.7	9.9	4.3	15.4	20.9
Dehydration	31	4.9	5.1	1.1	9.2	7.8
Viral Illness	12	1.9	1.8	0.0	4.2	2.4
Acute Appendicitis	87	13.7	13.1	6.9	19.4	12.9
Kidney/Urinary tract Infection	26	4.1	4.2	0.5	7.8	3.9
Acute Laryngitis/tracheiitis	13	2.0	2.3	0.0	5.1	3.4
Convulsions	14	2.2	2.3	0.0	5.1	3.0
CHRONIC						
Asthma	50	7.8	8.2	3.1	13.4	9.5
Diabetes	21	3.3	3.1	0.1	6.1	4.8
MENTAL HEALTH						
Behavior Disorders	18	2.8	2.8	0.0	5.7	2.9
Depression	109	17.1	14.8	8.5	21.0	15.7
Manic-Depressive	14	2.2	1.9	0.0	4.3	3.4
Substance Abuse	12	1.9	1.5	0.0	3.4	2.1
INJURY						
Unintentional Injuries	237	37.2	37.1	26.4	47.8	38.6
Self-inflicted Injuries	15	2.4	2.0	0.0	4.3	3.5
Injuries Due to Assault	9	1.4	1.3	0.0	3.2	1.2
DELIVERY						
All Deliveries****	212	54.1	54.1	46.8	61.3	364.5
Vaginal Delivery	193	49.2	49.2	42.3	56.2	316.2
Cesarean Delivery	19	4.8	4.8	2.7	7.0	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Cottonwood

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,670	221.5	219.2	195.4	243.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	59	7.8	9.9	4.3	15.5	13.6
Gastroenteritis	15	2.0	2.2	0.0	4.6	4.1
Pneumonia	46	6.1	7.2	2.5	12.0	20.9
Dehydration	25	3.3	4.0	0.5	7.5	7.8
Viral Illness	12	1.6	1.8	0.0	4.2	2.4
Acute Appendicitis	93	12.3	11.2	6.0	16.4	12.9
Kidney/Urinary tract Infection	13	1.7	2.0	0.0	4.6	3.9
Acute Laryngitis/tracheiitis	17	2.3	2.8	0.0	5.9	3.4
Convulsions	9	1.2	1.4	0.0	3.5	3.0
CHRONIC						
Asthma	72	9.5	11.0	5.3	16.8	9.5
Diabetes	24	3.2	3.2	0.3	6.0	4.8
MENTAL HEALTH						
Behavior Disorders	20	2.7	2.3	0.0	4.5	2.9
Depression	120	15.9	13.2	7.9	18.5	15.7
Manic-Depressive	18	2.4	2.0	0.0	4.1	3.4
Substance Abuse	13	1.7	1.4	0.0	3.0	2.1
INJURY						
Unintentional Injuries	250	33.2	32.0	22.9	41.1	38.6
Self-inflicted Injuries	26	3.4	2.8	0.4	5.2	3.5
Injuries Due to Assault	6	0.8	0.8	0.0	2.2	1.2
DELIVERY						
All Deliveries****	137	28.6	28.6	23.8	33.4	364.5
Vaginal Delivery	127	26.5	26.5	21.9	31.1	316.2
Cesarean Delivery	10	2.1	2.1	0.8	3.4	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Kearns

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	4,314	319.5	329.7	308.1	351.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	172	12.7	12.6	8.4	16.8	13.6
Gastroenteritis	53	3.9	3.9	1.6	6.3	4.1
Pneumonia	212	15.7	15.6	10.9	20.3	20.9
Dehydration	96	7.1	7.0	3.9	10.2	7.8
Viral Illness	39	2.9	2.9	0.9	4.9	2.4
Acute Appendicitis	159	11.8	12.1	7.9	16.3	12.9
Kidney/Urinary tract Infection	64	4.7	4.8	2.2	7.4	3.9
Acute Laryngitis/tracheiitis	36	2.7	2.6	0.7	4.5	3.4
Convulsions	40	3.0	2.9	0.9	5.0	3.0
CHRONIC						
Asthma	191	14.1	13.9	9.5	18.3	9.5
Diabetes	72	5.3	5.4	2.6	8.2	4.8
MENTAL HEALTH						
Behavior Disorders	44	3.3	3.3	1.1	5.5	2.9
Depression	192	14.2	15.0	10.2	19.7	15.7
Manic-Depressive	31	2.3	2.5	0.5	4.4	3.4
Substance Abuse	30	2.2	2.4	0.5	4.4	2.1
INJURY						
Unintentional Injuries	516	38.2	38.7	31.2	46.2	38.6
Self-inflicted Injuries	43	3.2	3.5	1.1	5.8	3.5
Injuries Due to Assault	14	1.0	1.1	0.0	2.4	1.2
DELIVERY						
All Deliveries****	694	120.3	120.3	111.4	129.3	364.5
Vaginal Delivery	604	104.7	104.7	96.4	113.1	316.2
Cesarean Delivery	78	13.5	13.5	10.5	16.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Taylorsville

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)				Rate Adjusted**
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	1,940	352.8	336.8	303.9	369.7	313.5
ACUTE						
Bronchiolitis and Bronchitis	80	14.5	14.1	7.2	21.1	13.6
Gastroenteritis	14	2.5	2.5	0.0	5.4	4.1
Pneumonia	67	12.2	11.9	5.5	18.3	20.9
Dehydration	39	7.1	6.9	2.1	11.7	7.8
Viral Illness	13	2.4	2.4	0.0	5.3	2.4
Acute Appendicitis	80	14.5	14.1	7.2	21.0	12.9
Kidney/Urinary tract Infection	19	3.5	3.4	0.0	6.7	3.9
Acute Laryngitis/tracheiitis	20	3.6	3.6	0.1	7.0	3.4
Convulsions	20	3.6	3.7	0.1	7.3	3.0
CHRONIC						
Asthma	73	13.3	13.6	6.6	20.5	9.5
Diabetes	43	7.8	7.6	2.5	12.7	4.8
MENTAL HEALTH						
Behavior Disorders	26	4.7	4.9	0.7	9.0	2.9
Depression	107	19.5	18.3	10.5	26.1	15.7
Manic-Depressive	20	3.6	3.5	0.1	6.9	3.4
Substance Abuse	12	2.2	2.0	0.0	4.4	2.1
INJURY						
Unintentional Injuries	203	36.9	36.1	25.0	47.3	38.6
Self-inflicted Injuries	19	3.5	3.2	0.0	6.4	3.5
Injuries Due to Assault	9	1.6	1.5	0.0	3.8	1.2
DELIVERY						
All Deliveries****	321	102.1	102.1	91.0	113.3	364.5
Vaginal Delivery	284	90.4	90.4	79.9	100.9	316.2
Cesarean Delivery	36	11.5	11.5	7.7	15.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Murray

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,552	391.4	366.9	326.6	407.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	79	19.9	17.6	9.0	26.3	13.6
Gastroenteritis	14	3.5	3.2	0.0	6.9	4.1
Pneumonia	60	15.1	13.6	5.9	21.3	20.9
Dehydration	34	8.6	8.0	1.9	14.0	7.8
Viral Illness	10	2.5	2.3	0.0	5.5	2.4
Acute Appendicitis	55	13.9	14.0	5.7	22.4	12.9
Kidney/Urinary tract Infection	25	6.3	5.8	0.7	10.9	3.9
Acute Laryngitis/tracheiitis	12	3.0	2.7	0.0	6.1	3.4
Convulsions	18	4.5	4.2	0.0	8.6	3.0
CHRONIC						
Asthma	58	14.6	14.1	5.9	22.3	9.5
Diabetes	20	5.0	5.3	0.1	10.6	4.8
MENTAL HEALTH						
Behavior Disorders	25	6.3	6.6	0.8	12.5	2.9
Depression	76	19.2	18.3	9.0	27.5	15.7
Manic-Depressive	15	3.8	3.4	0.0	7.2	3.4
Substance Abuse	10	2.5	2.2	0.0	5.2	2.1
INJURY						
Unintentional Injuries	199	50.2	50.4	34.6	66.2	38.6
Self-inflicted Injuries	12	3.0	2.6	0.0	5.9	3.5
Injuries Due to Assault	7	1.8	1.5	0.0	4.1	1.2
DELIVERY						
All Deliveries****	225	91.3	91.3	79.3	103.2	364.5
Vaginal Delivery	205	83.1	83.1	71.8	94.5	316.2
Cesarean Delivery	16	6.5	6.5	3.3	9.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Midvale

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate	
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	1,592	386.9	353.0	314.7	391.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	86	20.9	17.4	9.2	25.6	13.6
Gastroenteritis	14	3.4	3.0	0.0	6.6	4.1
Pneumonia	67	16.3	14.3	6.6	22.1	20.9
Dehydration	35	8.5	7.6	1.9	13.2	7.8
Viral Illness	13	3.2	2.8	0.0	6.3	2.4
Acute Appendicitis	49	11.9	12.5	4.6	20.5	12.9
Kidney/Urinary tract Infection	23	5.6	5.0	0.4	9.6	3.9
Acute Laryngitis/tracheiitis	9	2.2	1.8	0.0	4.5	3.4
Convulsions	14	3.4	3.2	0.0	7.0	3.0
CHRONIC						
Asthma	61	14.8	14.9	6.4	23.3	9.5
Diabetes	14	3.4	3.4	0.0	7.4	4.8
MENTAL HEALTH						
Behavior Disorders	13	3.2	3.2	0.0	7.2	2.9
Depression	60	14.6	14.2	6.1	22.3	15.7
Manic-Depressive	6	1.5	1.4	0.0	4.0	3.4
Substance Abuse	11	2.7	2.4	0.0	5.6	2.1
INJURY						
Unintentional Injuries	164	39.9	38.6	25.2	52.0	38.6
Self-inflicted Injuries	15	3.6	3.5	0.0	7.6	3.5
Injuries Due to Assault	14	3.4	3.0	0.0	6.6	1.2
DELIVERY						
All Deliveries****	325	146.6	146.6	130.6	162.5	364.5
Vaginal Delivery	281	126.7	126.7	111.9	141.5	316.2
Cesarean Delivery	39	17.6	17.6	12.1	23.1	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

West Jordan No.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,839	277.8	288.9	265.4	312.4	313.5
ACUTE						
Bronchiolitis and Bronchitis	95	9.3	8.4	4.6	12.1	13.6
Gastroenteritis	34	3.3	3.1	0.8	5.5	4.1
Pneumonia	158	15.5	14.6	9.5	19.8	20.9
Dehydration	69	6.8	6.3	2.9	9.6	7.8
Viral Illness	15	1.5	1.3	0.0	2.8	2.4
Acute Appendicitis	129	12.6	13.3	8.1	18.5	12.9
Kidney/Urinary tract Infection	32	3.1	3.0	0.7	5.4	3.9
Acute Laryngitis/tracheiitis	27	2.6	2.4	0.4	4.4	3.4
Convulsions	28	2.7	2.5	0.4	4.6	3.0
CHRONIC						
Asthma	137	13.4	13.1	8.1	18.0	9.5
Diabetes	37	3.6	3.8	1.0	6.5	4.8
MENTAL HEALTH						
Behavior Disorders	35	3.4	3.7	0.9	6.5	2.9
Depression	124	12.1	13.7	8.3	19.1	15.7
Manic-Depressive	14	1.4	1.5	0.0	3.3	3.4
Substance Abuse	8	0.8	1.0	0.0	2.5	2.1
INJURY						
Unintentional Injuries	361	35.3	36.9	28.3	45.5	38.6
Self-inflicted Injuries	19	1.9	2.1	0.0	4.3	3.5
Injuries Due to Assault	13	1.3	1.4	0.0	3.0	1.2
DELIVERY						
All Deliveries****	412	103.3	103.3	93.3	113.2	364.5
Vaginal Delivery	357	89.5	89.5	80.2	98.8	316.2
Cesarean Delivery	49	12.3	12.3	8.8	15.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 W. Jordan, Copperton

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,670	275.4	278.3	248.8	307.7	313.5
ACUTE						
Bronchiolitis and Bronchitis	83	13.7	12.3	6.4	18.2	13.6
Gastroenteritis	16	2.6	2.5	0.0	5.3	4.1
Pneumonia	97	16.0	15.0	8.3	21.6	20.9
Dehydration	36	5.9	5.5	1.5	9.6	7.8
Viral Illness	16	2.6	2.4	0.0	5.0	2.4
Acute Appendicitis	62	10.2	10.5	4.6	16.3	12.9
Kidney/Urinary tract Infection	22	3.6	3.5	0.2	6.7	3.9
Acute Laryngitis/tracheiitis	21	3.5	3.1	0.1	6.1	3.4
Convulsions	16	2.6	2.4	0.0	5.1	3.0
CHRONIC						
Asthma	68	11.2	10.7	5.0	16.4	9.5
Diabetes	28	4.6	4.9	0.8	8.9	4.8
MENTAL HEALTH						
Behavior Disorders	14	2.3	2.4	0.0	5.2	2.9
Depression	83	13.7	14.9	7.8	22.1	15.7
Manic-Depressive	14	2.3	2.5	0.0	5.5	3.4
Substance Abuse	5	0.8	0.9	0.0	2.7	2.1
INJURY						
Unintentional Injuries	213	35.1	36.2	25.3	47.1	38.6
Self-inflicted Injuries	8	1.3	1.5	0.0	3.8	3.5
Injuries Due to Assault	9	1.5	1.6	0.0	4.0	1.2
DELIVERY						
All Deliveries****	209	80.6	80.6	69.7	91.6	364.5
Vaginal Delivery	171	66.0	66.0	56.1	75.9	316.2
Cesarean Delivery	34	13.1	13.1	8.7	17.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

South Jordan

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	881	146.9	151.7	130.2	173.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	18	3.0	3.7	0.0	7.4	13.6
Gastroenteritis	9	1.5	1.8	0.0	4.4	4.1
Pneumonia	42	7.0	7.9	2.7	13.0	20.9
Dehydration	9	1.5	1.8	0.0	4.3	7.8
Viral Illness	8	1.3	1.6	0.0	3.9	2.4
Acute Appendicitis	58	9.7	9.1	4.1	14.1	12.9
Kidney/Urinary tract Infection	10	1.7	1.9	0.0	4.5	3.9
Acute Laryngitis/tracheiitis	8	1.3	1.6	0.0	4.0	3.4
Convulsions	8	1.3	1.6	0.0	4.0	3.0
CHRONIC						
Asthma	24	4.0	4.4	0.6	8.1	9.5
Diabetes	19	3.2	3.0	0.1	5.8	4.8
MENTAL HEALTH						
Behavior Disorders	7	1.2	1.1	0.0	2.8	2.9
Depression	64	10.7	9.9	4.7	15.1	15.7
Manic-Depressive	9	1.5	1.4	0.0	3.3	3.4
Substance Abuse	12	2.0	1.9	0.0	4.2	2.1
INJURY						
Unintentional Injuries	149	24.8	24.6	16.1	33.2	38.6
Self-inflicted Injuries	6	1.0	0.9	0.0	2.5	3.5
Injuries Due to Assault	0	0.0	0.0	0.0	0.0	1.2
DELIVERY						
All Deliveries****	76	26.0	26.0	20.1	31.8	364.5
Vaginal Delivery	69	23.6	23.6	18.0	29.1	316.2
Cesarean Delivery	6	2.0	2.0	0.4	3.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Sandy Center

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate Adjusted**	
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	2,794	266.8	263.0	241.5	284.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	97	9.3	9.6	5.4	13.9	13.6
Gastroenteritis	14	1.3	1.4	0.0	3.0	4.1
Pneumonia	111	10.6	10.6	6.2	15.0	20.9
Dehydration	56	5.3	5.5	2.3	8.7	7.8
Viral Illness	15	1.4	1.5	0.0	3.1	2.4
Acute Appendicitis	129	12.3	11.9	7.3	16.5	12.9
Kidney/Urinary tract Infection	34	3.2	3.3	0.8	5.8	3.9
Acute Laryngitis/tracheiitis	25	2.4	2.5	0.3	4.7	3.4
Convulsions	32	3.1	3.1	0.7	5.5	3.0
CHRONIC						
Asthma	93	8.9	9.2	5.0	13.4	9.5
Diabetes	42	4.0	4.0	1.3	6.8	4.8
MENTAL HEALTH						
Behavior Disorders	28	2.7	2.5	0.4	4.7	2.9
Depression	181	17.3	16.1	10.9	21.4	15.7
Manic-Depressive	28	2.7	2.5	0.4	4.6	3.4
Substance Abuse	16	1.5	1.4	0.0	3.0	2.1
INJURY						
Unintentional Injuries	374	35.7	35.2	27.2	43.2	38.6
Self-inflicted Injuries	22	2.1	2.0	0.1	3.8	3.5
Injuries Due to Assault	8	0.8	0.8	0.0	1.9	1.2
DELIVERY						
All Deliveries****	373	68.0	68.0	61.1	74.9	364.5
Vaginal Delivery	328	59.8	59.8	53.3	66.3	316.2
Cesarean Delivery	39	7.1	7.1	4.9	9.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Sandy, NE

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,121	186.5	187.3	162.3	212.2	313.5
ACUTE						
Bronchiolitis and Bronchitis	31	5.2	7.0	1.5	12.4	13.6
Gastroenteritis	5	0.8	0.9	0.0	2.8	4.1
Pneumonia	45	7.5	9.1	3.1	15.2	20.9
Dehydration	18	3.0	3.9	0.0	8.0	7.8
Viral Illness	5	0.8	0.9	0.0	2.6	2.4
Acute Appendicitis	63	10.5	9.0	4.0	13.9	12.9
Kidney/Urinary tract Infection	10	1.7	2.0	0.0	4.9	3.9
Acute Laryngitis/tracheiitis	12	2.0	2.6	0.0	6.0	3.4
Convulsions	5	0.8	0.9	0.0	2.7	3.0
CHRONIC						
Asthma	22	3.7	4.5	0.2	8.7	9.5
Diabetes	33	5.5	5.1	1.1	9.1	4.8
MENTAL HEALTH						
Behavior Disorders	9	1.5	1.3	0.0	3.2	2.9
Depression	76	12.6	10.3	5.2	15.5	15.7
Manic-Depressive	24	4.0	3.3	0.3	6.2	3.4
Substance Abuse	7	1.2	0.9	0.0	2.5	2.1
INJURY						
Unintentional Injuries	182	30.3	28.5	19.0	37.9	38.6
Self-inflicted Injuries	18	3.0	2.5	0.0	5.2	3.5
Injuries Due to Assault	5	0.8	0.9	0.0	2.6	1.2
DELIVERY						
All Deliveries****	79	22.0	22.0	17.1	26.8	364.5
Vaginal Delivery	72	20.0	20.0	15.4	24.7	316.2
Cesarean Delivery	6	1.7	1.7	0.3	3.0	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Sandy, SE

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate Adjusted**	
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	1,432	193.1	193.4	171.1	215.7	313.5
ACUTE						
Bronchiolitis and Bronchitis	43	5.8	6.8	2.3	11.4	13.6
Gastroenteritis	7	0.9	1.1	0.0	2.9	4.1
Pneumonia	51	6.9	7.1	2.7	11.6	20.9
Dehydration	16	2.2	2.3	0.0	4.9	7.8
Viral Illness	3	0.4	0.4	0.0	1.5	2.4
Acute Appendicitis	99	13.3	12.4	6.9	17.9	12.9
Kidney/Urinary tract Infection	18	2.4	2.6	0.0	5.3	3.9
Acute Laryngitis/tracheiitis	11	1.5	1.7	0.0	4.0	3.4
Convulsions	9	1.2	1.3	0.0	3.3	3.0
CHRONIC						
Asthma	33	4.4	4.7	1.1	8.4	9.5
Diabetes	37	5.0	4.6	1.3	7.9	4.8
MENTAL HEALTH						
Behavior Disorders	10	1.3	1.3	0.0	3.0	2.9
Depression	103	13.9	12.8	7.2	18.3	15.7
Manic-Depressive	13	1.8	1.7	0.0	3.7	3.4
Substance Abuse	17	2.3	2.1	0.0	4.4	2.1
INJURY						
Unintentional Injuries	231	31.1	30.5	21.7	39.3	38.6
Self-inflicted Injuries	16	2.2	2.0	0.0	4.1	3.5
Injuries Due to Assault	4	0.5	0.5	0.0	1.7	1.2
DELIVERY						
All Deliveries****	117	30.6	30.6	25.0	36.1	364.5
Vaginal Delivery	107	27.9	27.9	22.6	33.2	316.2
Cesarean Delivery	8	2.1	2.1	0.6	3.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Riverton/Draper

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,099	270.3	274.8	247.6	302.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	77	9.9	10.7	5.1	16.4	13.6
Gastroenteritis	18	2.3	2.4	0.0	5.1	4.1
Pneumonia	118	15.2	16.2	9.3	23.1	20.9
Dehydration	44	5.7	6.0	1.8	10.2	7.8
Viral Illness	10	1.3	1.3	0.0	3.3	2.4
Acute Appendicitis	113	14.6	14.0	7.9	20.0	12.9
Kidney/Urinary tract Infection	23	3.0	3.1	0.1	6.1	3.9
Acute Laryngitis/tracheiitis	23	3.0	3.2	0.1	6.3	3.4
Convulsions	10	1.3	1.4	0.0	3.3	3.0
CHRONIC						
Asthma	68	8.8	9.1	4.0	14.2	9.5
Diabetes	46	5.9	5.7	1.8	9.6	4.8
MENTAL HEALTH						
Behavior Disorders	4	0.5	0.5	0.0	1.6	2.9
Depression	84	10.8	10.4	5.2	15.6	15.7
Manic-Depressive	15	1.9	1.9	0.0	4.1	3.4
Substance Abuse	12	1.5	1.5	0.0	3.5	2.1
INJURY						
Unintentional Injuries	333	42.9	43.0	32.2	53.9	38.6
Self-inflicted Injuries	17	2.2	2.1	0.0	4.5	3.5
Injuries Due to Assault	2	0.3	0.3	0.0	1.1	1.2
DELIVERY						
All Deliveries****	224	59.0	59.0	51.3	66.7	364.5
Vaginal Delivery	203	53.5	53.5	46.1	60.8	316.2
Cesarean Delivery	19	5.0	5.0	2.8	7.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Tooele Co.

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)				Rate Adjusted**
		Crude	Adjusted**	LCL***	UCL***	
All Non-newborn Discharges	1,801	337.1	323.5	290.6	356.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	59	11.0	11.6	5.0	18.1	13.6
Gastroenteritis	19	3.6	3.6	0.0	7.3	4.1
Pneumonia	66	12.4	13.1	6.0	20.2	20.9
Dehydration	31	5.8	6.0	1.3	10.8	7.8
Viral Illness	7	1.3	1.4	0.0	3.6	2.4
Acute Appendicitis	56	10.5	10.0	4.1	15.8	12.9
Kidney/Urinary tract Infection	20	3.7	4.0	0.1	8.0	3.9
Acute Laryngitis/tracheiitis	19	3.6	3.7	0.0	7.5	3.4
Convulsions	9	1.7	1.7	0.0	4.2	3.0
CHRONIC						
Asthma	53	9.9	10.7	4.3	17.2	9.5
Diabetes	35	6.6	6.1	1.6	10.6	4.8
MENTAL HEALTH						
Behavior Disorders	23	4.3	4.2	0.3	8.0	2.9
Depression	102	19.1	17.3	9.8	24.8	15.7
Manic-Depressive	19	3.6	3.2	0.0	6.5	3.4
Substance Abuse	9	1.7	1.4	0.0	3.5	2.1
INJURY						
Unintentional Injuries	247	46.2	45.7	32.9	58.5	38.6
Self-inflicted Injuries	14	2.6	2.3	0.0	5.0	3.5
Injuries Due to Assault	3	0.6	0.5	0.0	1.8	1.2
DELIVERY						
All Deliveries****	371	124.1	124.1	111.5	136.7	364.5
Vaginal Delivery	331	110.7	110.7	98.8	122.7	316.2
Cesarean Delivery	34	11.4	11.4	7.6	15.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Lehi/Cedar Valley

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	878	294.2	289.7	247.6	331.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	38	12.7	12.6	3.7	21.5	13.6
Gastroenteritis	11	3.7	3.7	0.0	8.5	4.1
Pneumonia	60	20.1	20.2	8.8	31.6	20.9
Dehydration	23	7.7	7.9	0.7	15.1	7.8
Viral Illness	11	3.7	3.6	0.0	8.4	2.4
Acute Appendicitis	45	15.1	14.6	5.0	24.1	12.9
Kidney/Urinary tract Infection	14	4.7	4.7	0.0	10.3	3.9
Acute Laryngitis/tracheiitis	14	4.7	4.8	0.0	10.4	3.4
Convulsions	15	5.0	5.1	0.0	10.8	3.0
CHRONIC						
Asthma	19	6.4	6.4	0.0	12.8	9.5
Diabetes	12	4.0	4.0	0.0	9.1	4.8
MENTAL HEALTH						
Behavior Disorders	5	1.7	1.7	0.0	4.9	2.9
Depression	47	15.7	15.0	5.4	24.6	15.7
Manic-Depressive	13	4.4	4.2	0.0	9.3	3.4
Substance Abuse	4	1.3	1.3	0.0	4.1	2.1
INJURY						
Unintentional Injuries	148	49.6	49.3	31.5	67.0	38.6
Self-inflicted Injuries	8	2.7	2.6	0.0	6.5	3.5
Injuries Due to Assault	2	0.7	0.7	0.0	2.7	1.2
DELIVERY						
All Deliveries****	127	81.4	81.4	67.2	95.5	364.5
Vaginal Delivery	108	69.2	69.2	56.1	82.2	316.2
Cesarean Delivery	19	12.2	12.2	6.7	17.6	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 American Fork/Alpine

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,937	266.2	262.6	236.8	288.4	313.5
ACUTE						
Bronchiolitis and Bronchitis	78	10.7	11.5	5.8	17.2	13.6
Gastroenteritis	22	3.0	3.2	0.2	6.2	4.1
Pneumonia	124	17.0	18.0	10.9	25.1	20.9
Dehydration	46	6.3	6.7	2.4	11.0	7.8
Viral Illness	19	2.6	2.8	0.0	5.5	2.4
Acute Appendicitis	102	14.0	13.3	7.5	19.1	12.9
Kidney/Urinary tract Infection	27	3.7	3.9	0.6	7.2	3.9
Acute Laryngitis/tracheiitis	34	4.7	5.0	1.2	8.8	3.4
Convulsions	15	2.1	2.1	0.0	4.5	3.0
CHRONIC						
Asthma	37	5.1	5.3	1.5	9.2	9.5
Diabetes	40	5.5	5.2	1.6	8.9	4.8
MENTAL HEALTH						
Behavior Disorders	5	0.7	0.6	0.0	1.9	2.9
Depression	93	12.8	11.6	6.3	16.8	15.7
Manic-Depressive	25	3.4	3.1	0.4	5.8	3.4
Substance Abuse	4	0.5	0.5	0.0	1.6	2.1
INJURY						
Unintentional Injuries	290	39.9	39.0	28.9	49.1	38.6
Self-inflicted Injuries	25	3.4	3.1	0.4	5.8	3.5
Injuries Due to Assault	5	0.7	0.6	0.0	1.9	1.2
DELIVERY						
All Deliveries****	211	52.5	52.5	45.4	59.6	364.5
Vaginal Delivery	185	46.0	46.0	39.4	52.6	316.2
Cesarean Delivery	24	6.0	6.0	3.6	8.4	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Pleasant Grove/Lindon

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,602	282.8	278.2	248.2	308.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	63	11.1	11.5	5.2	17.9	13.6
Gastroenteritis	16	2.8	2.9	0.0	6.0	4.1
Pneumonia	148	26.1	26.9	17.2	36.5	20.9
Dehydration	49	8.6	8.8	3.3	14.4	7.8
Viral Illness	11	1.9	1.9	0.0	4.4	2.4
Acute Appendicitis	78	13.8	13.3	6.7	19.9	12.9
Kidney/Urinary tract Infection	17	3.0	3.0	0.0	6.3	3.9
Acute Laryngitis/tracheiitis	20	3.5	3.7	0.1	7.2	3.4
Convulsions	23	4.1	4.1	0.4	7.9	3.0
CHRONIC						
Asthma	34	6.0	6.3	1.6	11.0	9.5
Diabetes	36	6.4	6.4	1.7	11.1	4.8
MENTAL HEALTH						
Behavior Disorders	11	1.9	1.8	0.0	4.3	2.9
Depression	74	13.1	12.1	5.9	18.3	15.7
Manic-Depressive	27	4.8	4.5	0.7	8.2	3.4
Substance Abuse	3	0.5	0.5	0.0	1.7	2.1
INJURY						
Unintentional Injuries	221	39.0	38.6	27.2	50.0	38.6
Self-inflicted Injuries	18	3.2	2.9	0.0	5.8	3.5
Injuries Due to Assault	7	1.2	1.2	0.0	3.1	1.2
DELIVERY						
All Deliveries****	185	59.6	59.6	51.1	68.2	364.5
Vaginal Delivery	162	52.2	52.2	44.2	60.3	316.2
Cesarean Delivery	20	6.4	6.4	3.6	9.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

North Orem

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,752	363.5	362.5	332.6	392.4	313.5
ACUTE						
Bronchiolitis and Bronchitis	126	16.6	13.4	8.2	18.6	13.6
Gastroenteritis	27	3.6	3.3	0.5	6.0	4.1
Pneumonia	223	29.5	25.2	17.8	32.7	20.9
Dehydration	88	11.6	9.8	5.2	14.4	7.8
Viral Illness	20	2.6	2.4	0.0	4.8	2.4
Acute Appendicitis	119	15.7	17.2	10.3	24.1	12.9
Kidney/Urinary tract Infection	18	2.4	2.2	0.0	4.5	3.9
Acute Laryngitis/tracheiitis	35	4.6	3.8	1.0	6.6	3.4
Convulsions	22	2.9	2.7	0.1	5.3	3.0
CHRONIC						
Asthma	61	8.1	7.5	3.3	11.8	9.5
Diabetes	34	4.5	4.9	1.2	8.5	4.8
MENTAL HEALTH						
Behavior Disorders	9	1.2	1.3	0.0	3.3	2.9
Depression	147	19.4	21.9	14.0	29.8	15.7
Manic-Depressive	69	9.1	10.1	4.8	15.4	3.4
Substance Abuse	14	1.8	2.1	0.0	4.6	2.1
INJURY						
Unintentional Injuries	350	46.2	46.8	35.8	57.9	38.6
Self-inflicted Injuries	22	2.9	3.2	0.2	6.3	3.5
Injuries Due to Assault	4	0.5	0.6	0.0	1.9	1.2
DELIVERY						
All Deliveries****	365	113.0	113.0	101.4	124.5	364.5
Vaginal Delivery	310	95.9	95.9	85.3	106.6	316.2
Cesarean Delivery	49	15.2	15.2	10.9	19.4	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

West Orem

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,891	211.6	196.6	171.4	221.7	313.5
ACUTE						
Bronchiolitis and Bronchitis	95	10.6	9.5	4.1	15.0	13.6
Gastroenteritis	15	1.7	1.6	0.0	4.0	4.1
Pneumonia	161	18.0	16.6	9.3	24.0	20.9
Dehydration	64	7.2	6.5	2.0	11.1	7.8
Viral Illness	9	1.0	0.9	0.0	2.7	2.4
Acute Appendicitis	88	9.8	9.8	3.9	15.7	12.9
Kidney/Urinary tract Infection	22	2.5	2.2	0.0	4.9	3.9
Acute Laryngitis/tracheiitis	25	2.8	2.5	0.0	5.4	3.4
Convulsions	14	1.6	1.5	0.0	3.8	3.0
CHRONIC						
Asthma	51	5.7	5.5	1.2	9.9	9.5
Diabetes	28	3.1	3.1	0.0	6.5	4.8
MENTAL HEALTH						
Behavior Disorders	12	1.3	1.4	0.0	3.6	2.9
Depression	105	11.7	10.9	4.9	16.9	15.7
Manic-Depressive	54	6.0	5.7	1.3	10.1	3.4
Substance Abuse	6	0.7	0.6	0.0	1.9	2.1
INJURY						
Unintentional Injuries	225	25.2	24.2	15.1	33.3	38.6
Self-inflicted Injuries	26	2.9	2.6	0.0	5.4	3.5
Injuries Due to Assault	5	0.6	0.5	0.0	1.7	1.2
DELIVERY						
All Deliveries****	286	54.5	54.5	48.2	60.8	364.5
Vaginal Delivery	251	47.8	47.8	41.9	53.7	316.2
Cesarean Delivery	31	5.9	5.9	3.8	8.0	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 East Orem

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	159	61.5	58.6	45.3	71.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	11	4.3	4.0	0.6	7.5	13.6
Gastroenteritis	0	0.0	0.0	0.0	0.0	4.1
Pneumonia	8	3.1	2.9	0.0	5.9	20.9
Dehydration	4	1.5	1.5	0.0	3.8	7.8
Viral Illness	2	0.8	0.7	0.0	2.2	2.4
Acute Appendicitis	12	4.6	4.3	0.7	7.9	12.9
Kidney/Urinary tract Infection	1	0.4	0.4	0.0	1.4	3.9
Acute Laryngitis/tracheiitis	5	1.9	1.9	0.0	4.4	3.4
Convulsions	1	0.4	0.4	0.0	1.4	3.0
CHRONIC						
Asthma	2	0.8	0.8	0.0	2.5	9.5
Diabetes	5	1.9	2.1	0.0	4.8	4.8
MENTAL HEALTH						
Behavior Disorders	0	0.0	0.0	0.0	0.0	2.9
Depression	10	3.9	3.5	0.3	6.8	15.7
Manic-Depressive	4	1.5	1.5	0.0	3.6	3.4
Substance Abuse	1	0.4	0.3	0.0	1.3	2.1
INJURY						
Unintentional Injuries	32	12.4	11.9	5.9	17.9	38.6
Self-inflicted Injuries	5	1.9	1.7	0.0	3.9	3.5
Injuries Due to Assault	0	0.0	0.0	0.0	0.0	1.2
DELIVERY						
All Deliveries****	16	11.7	11.7	6.0	17.5	364.5
Vaginal Delivery	13	9.5	9.5	4.4	14.7	316.2
Cesarean Delivery	3	2.2	2.2	0.0	4.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Provo/BYU

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,682	188.6	202.2	177.5	226.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	71	8.0	10.8	5.2	16.4	13.6
Gastroenteritis	9	1.0	1.5	0.0	3.9	4.1
Pneumonia	96	10.8	14.5	7.8	21.3	20.9
Dehydration	58	6.5	8.3	3.3	13.3	7.8
Viral Illness	8	0.9	1.2	0.0	3.0	2.4
Acute Appendicitis	108	12.1	11.8	5.6	18.0	12.9
Kidney/Urinary tract Infection	16	1.8	2.6	0.0	5.6	3.9
Acute Laryngitis/tracheiitis	28	3.1	4.3	0.7	7.9	3.4
Convulsions	13	1.5	1.8	0.0	4.2	3.0
CHRONIC						
Asthma	36	4.0	5.8	1.3	10.2	9.5
Diabetes	20	2.2	3.1	0.0	6.6	4.8
MENTAL HEALTH						
Behavior Disorders	9	1.0	1.1	0.0	3.0	2.9
Depression	120	13.5	9.1	4.5	13.8	15.7
Manic-Depressive	36	4.0	3.4	0.3	6.6	3.4
Substance Abuse	7	0.8	0.5	0.0	1.6	2.1
INJURY						
Unintentional Injuries	216	24.2	26.9	17.4	36.4	38.6
Self-inflicted Injuries	40	4.5	2.6	0.4	4.7	3.5
Injuries Due to Assault	2	0.2	0.3	0.0	1.2	1.2
DELIVERY						
All Deliveries****	159	14.4	14.4	12.2	16.6	364.5
Vaginal Delivery	141	12.8	12.8	10.7	14.9	316.2
Cesarean Delivery	17	1.5	1.5	0.8	2.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Provo South

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate	
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	2,815	411.9	365.6	334.2	397.0	313.5
ACUTE						
Bronchiolitis and Bronchitis	161	23.6	16.7	10.9	22.5	13.6
Gastroenteritis	22	3.2	2.2	0.1	4.3	4.1
Pneumonia	205	30.0	23.5	16.0	31.0	20.9
Dehydration	107	15.7	11.7	6.6	16.8	7.8
Viral Illness	27	4.0	3.1	0.4	5.8	2.4
Acute Appendicitis	66	9.7	12.0	5.3	18.8	12.9
Kidney/Urinary tract Infection	20	2.9	2.2	0.0	4.4	3.9
Acute Laryngitis/tracheiitis	20	2.9	2.4	0.0	4.8	3.4
Convulsions	25	3.7	2.7	0.3	5.1	3.0
CHRONIC						
Asthma	73	10.7	10.5	4.8	16.3	9.5
Diabetes	17	2.5	2.8	0.0	5.9	4.8
MENTAL HEALTH						
Behavior Disorders	22	3.2	4.4	0.2	8.5	2.9
Depression	153	22.4	23.6	14.8	32.4	15.7
Manic-Depressive	86	12.6	15.0	7.6	22.4	3.4
Substance Abuse	8	1.2	0.9	0.0	2.4	2.1
INJURY						
Unintentional Injuries	286	41.8	41.2	29.9	52.6	38.6
Self-inflicted Injuries	37	5.4	5.1	1.2	8.9	3.5
Injuries Due to Assault	4	0.6	0.4	0.0	1.4	1.2
DELIVERY						
All Deliveries****	458	80.3	80.3	72.9	87.6	364.5
Vaginal Delivery	401	70.3	70.3	63.4	77.1	316.2
Cesarean Delivery	51	8.9	8.9	6.5	11.4	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Springville/Spanish Fork

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	3,218	365.8	353.6	326.8	380.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	131	14.9	14.0	8.7	19.4	13.6
Gastroenteritis	58	6.6	6.4	2.7	10.0	4.1
Pneumonia	362	41.1	39.6	30.5	48.7	20.9
Dehydration	97	11.0	10.6	5.9	15.3	7.8
Viral Illness	24	2.7	2.6	0.3	5.0	2.4
Acute Appendicitis	119	13.5	13.6	8.1	19.1	12.9
Kidney/Urinary tract Infection	59	6.7	6.6	2.8	10.3	3.9
Acute Laryngitis/tracheiitis	43	4.9	4.6	1.5	7.7	3.4
Convulsions	30	3.4	3.2	0.6	5.8	3.0
CHRONIC						
Asthma	91	10.3	10.3	5.6	15.1	9.5
Diabetes	43	4.9	4.8	1.6	8.0	4.8
MENTAL HEALTH						
Behavior Disorders	14	1.6	1.6	0.0	3.5	2.9
Depression	156	17.7	16.9	11.0	22.8	15.7
Manic-Depressive	77	8.8	8.6	4.3	12.9	3.4
Substance Abuse	23	2.6	2.4	0.2	4.7	2.1
INJURY						
Unintentional Injuries	342	38.9	38.2	29.1	47.2	38.6
Self-inflicted Injuries	30	3.4	3.2	0.6	5.8	3.5
Injuries Due to Assault	3	0.3	0.3	0.0	1.1	1.2
DELIVERY						
All Deliveries****	409	88.0	88.0	79.5	96.5	364.5
Vaginal Delivery	366	78.8	78.8	70.7	86.8	316.2
Cesarean Delivery	42	9.0	9.0	6.3	11.8	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Utah Co. South

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,551	368.0	363.1	323.6	402.6	313.5
ACUTE						
Bronchiolitis and Bronchitis	54	12.8	13.1	5.3	20.9	13.6
Gastroenteritis	34	8.1	8.2	2.0	14.4	4.1
Pneumonia	247	58.6	60.1	43.5	76.7	20.9
Dehydration	32	7.6	7.7	1.7	13.6	7.8
Viral Illness	12	2.8	2.9	0.0	6.6	2.4
Acute Appendicitis	55	13.0	12.9	5.2	20.5	12.9
Kidney/Urinary tract Infection	30	7.1	7.2	1.4	13.0	3.9
Acute Laryngitis/tracheiitis	27	6.4	6.6	1.0	12.1	3.4
Convulsions	12	2.8	2.8	0.0	6.5	3.0
CHRONIC						
Asthma	46	10.9	11.0	3.9	18.1	9.5
Diabetes	11	2.6	2.6	0.0	6.0	4.8
MENTAL HEALTH						
Behavior Disorders	9	2.1	2.1	0.0	5.2	2.9
Depression	69	16.4	15.2	7.2	23.1	15.7
Manic-Depressive	17	4.0	3.8	0.0	7.8	3.4
Substance Abuse	8	1.9	1.7	0.0	4.4	2.1
INJURY						
Unintentional Injuries	148	35.1	34.8	22.3	47.4	38.6
Self-inflicted Injuries	19	4.5	4.2	0.0	8.4	3.5
Injuries Due to Assault	1	0.2	0.2	0.0	1.2	1.2
DELIVERY						
All Deliveries****	217	99.5	99.5	86.2	112.7	364.5
Vaginal Delivery	196	89.8	89.8	77.3	102.4	316.2
Cesarean Delivery	17	7.8	7.8	4.1	11.5	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Summit Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	939	240.0	240.7	206.8	274.7	313.5
ACUTE						
Bronchiolitis and Bronchitis	29	7.4	7.8	1.5	14.2	13.6
Gastroenteritis	8	2.0	2.1	0.0	5.4	4.1
Pneumonia	39	10.0	10.3	3.1	17.6	20.9
Dehydration	15	3.8	4.0	0.0	8.5	7.8
Viral Illness	8	2.0	2.1	0.0	5.3	2.4
Acute Appendicitis	36	9.2	9.0	2.4	15.6	12.9
Kidney/Urinary tract Infection	10	2.6	2.6	0.0	6.2	3.9
Acute Laryngitis/tracheiitis	7	1.8	1.9	0.0	5.0	3.4
Convulsions	9	2.3	2.4	0.0	5.8	3.0
CHRONIC						
Asthma	17	4.3	4.4	0.0	9.0	9.5
Diabetes	11	2.8	2.8	0.0	6.4	4.8
MENTAL HEALTH						
Behavior Disorders	6	1.5	1.5	0.0	4.2	2.9
Depression	28	7.2	6.8	1.2	12.5	15.7
Manic-Depressive	6	1.5	1.5	0.0	4.2	3.4
Substance Abuse	5	1.3	1.3	0.0	3.7	2.1
INJURY						
Unintentional Injuries	176	45.0	44.6	29.9	59.4	38.6
Self-inflicted Injuries	7	1.8	1.7	0.0	4.6	3.5
Injuries Due to Assault	2	0.5	0.5	0.0	2.1	1.2
DELIVERY						
All Deliveries****	86	46.2	46.2	36.4	55.9	364.5
Vaginal Delivery	75	40.3	40.3	31.1	49.4	316.2
Cesarean Delivery	11	5.9	5.9	2.4	9.4	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Wasatch Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	707	299.8	296.4	248.4	344.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	32	13.6	14.3	3.3	25.4	13.6
Gastroenteritis	8	3.4	3.5	0.0	9.0	4.1
Pneumonia	46	19.5	20.4	7.2	33.5	20.9
Dehydration	5	2.1	2.2	0.0	6.4	7.8
Viral Illness	10	4.2	4.5	0.0	10.7	2.4
Acute Appendicitis	35	14.8	14.2	3.6	24.7	12.9
Kidney/Urinary tract Infection	6	2.5	2.6	0.0	7.2	3.9
Acute Laryngitis/tracheiitis	4	1.7	1.8	0.0	5.7	3.4
Convulsions	2	0.8	0.9	0.0	3.7	3.0
CHRONIC						
Asthma	14	5.9	6.3	0.0	13.7	9.5
Diabetes	4	1.7	1.6	0.0	5.3	4.8
MENTAL HEALTH						
Behavior Disorders	4	1.7	1.6	0.0	5.2	2.9
Depression	26	11.0	10.5	1.5	19.5	15.7
Manic-Depressive	5	2.1	2.0	0.0	5.9	3.4
Substance Abuse	2	0.8	0.8	0.0	3.3	2.1
INJURY						
Unintentional Injuries	104	44.1	43.6	24.9	62.3	38.6
Self-inflicted Injuries	3	1.3	1.3	0.0	4.4	3.5
Injuries Due to Assault	1	0.4	0.4	0.0	2.1	1.2
DELIVERY						
All Deliveries****	102	86.8	86.8	69.9	103.6	364.5
Vaginal Delivery	85	72.3	72.3	56.9	87.7	316.2
Cesarean Delivery	17	14.5	14.5	7.6	21.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Tri-county LHD

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	3,716	457.7	456.8	424.9	488.7	313.5
ACUTE						
Bronchiolitis and Bronchitis	193	23.8	24.4	16.8	32.1	13.6
Gastroenteritis	24	3.0	3.0	0.3	5.7	4.1
Pneumonia	443	54.6	55.9	44.4	67.5	20.9
Dehydration	144	17.7	18.2	11.5	24.8	7.8
Viral Illness	19	2.3	2.4	0.0	4.8	2.4
Acute Appendicitis	161	19.8	19.5	12.7	26.2	12.9
Kidney/Urinary tract Infection	58	7.1	7.2	3.1	11.4	3.9
Acute Laryngitis/tracheiitis	32	3.9	4.1	0.9	7.3	3.4
Convulsions	29	3.6	3.7	0.7	6.6	3.0
CHRONIC						
Asthma	90	11.1	11.4	6.1	16.6	9.5
Diabetes	56	6.9	6.8	2.8	10.8	4.8
MENTAL HEALTH						
Behavior Disorders	18	2.2	2.2	0.0	4.5	2.9
Depression	110	13.5	13.1	7.6	18.6	15.7
Manic-Depressive	46	5.7	5.5	1.9	9.0	3.4
Substance Abuse	12	1.5	1.4	0.0	3.2	2.1
INJURY						
Unintentional Injuries	434	53.5	53.1	41.9	64.2	38.6
Self-inflicted Injuries	37	4.6	4.4	1.2	7.5	3.5
Injuries Due to Assault	11	1.4	1.4	0.0	3.1	1.2
DELIVERY						
All Deliveries****	532	133.9	133.9	122.5	145.2	364.5
Vaginal Delivery	424	106.7	106.7	96.5	116.8	316.2
Cesarean Delivery	106	26.7	26.7	21.6	31.7	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Juab/Millard/Sanpete Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,997	249.2	252.0	227.3	276.6	313.5
ACUTE						
Bronchiolitis and Bronchitis	114	14.2	16.9	10.0	23.8	13.6
Gastroenteritis	48	6.0	6.6	2.4	10.8	4.1
Pneumonia	247	30.8	34.6	25.0	44.3	20.9
Dehydration	30	3.7	4.4	0.9	7.9	7.8
Viral Illness	18	2.2	2.3	0.0	4.7	2.4
Acute Appendicitis	73	9.1	8.7	4.2	13.2	12.9
Kidney/Urinary tract Infection	37	4.6	5.0	1.4	8.6	3.9
Acute Laryngitis/tracheiitis	45	5.6	6.6	2.3	10.9	3.4
Convulsions	16	2.0	2.2	0.0	4.7	3.0
CHRONIC						
Asthma	49	6.1	6.5	2.4	10.7	9.5
Diabetes	29	3.6	3.2	0.6	5.8	4.8
MENTAL HEALTH						
Behavior Disorders	4	0.5	0.5	0.0	1.5	2.9
Depression	70	8.7	7.3	3.5	11.2	15.7
Manic-Depressive	20	2.5	2.2	0.0	4.3	3.4
Substance Abuse	4	0.5	0.4	0.0	1.3	2.1
INJURY						
Unintentional Injuries	239	29.8	29.0	20.7	37.3	38.6
Self-inflicted Injuries	21	2.6	2.2	0.1	4.4	3.5
Injuries Due to Assault	5	0.6	0.6	0.0	1.9	1.2
DELIVERY						
All Deliveries****	268	53.9	53.9	47.4	60.3	364.5
Vaginal Delivery	219	44.0	44.0	38.2	49.8	316.2
Cesarean Delivery	47	9.4	9.4	6.7	12.1	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Sevier/Piute/Wayne Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,722	425.6	430.9	386.4	475.3	313.5
ACUTE						
Bronchiolitis and Bronchitis	116	28.7	32.2	19.1	45.2	13.6
Gastroenteritis	42	10.4	10.9	3.5	18.3	4.1
Pneumonia	135	33.4	36.6	22.8	50.4	20.9
Dehydration	24	5.9	6.2	0.6	11.8	7.8
Viral Illness	14	3.5	3.5	0.0	7.7	2.4
Acute Appendicitis	76	18.8	17.5	8.7	26.4	12.9
Kidney/Urinary tract Infection	14	3.5	3.4	0.0	7.5	3.9
Acute Laryngitis/tracheiitis	50	12.4	13.8	5.2	22.3	3.4
Convulsions	22	5.4	5.9	0.4	11.5	3.0
CHRONIC						
Asthma	54	13.3	13.9	5.6	22.3	9.5
Diabetes	29	7.2	7.0	1.3	12.7	4.8
MENTAL HEALTH						
Behavior Disorders	1	0.2	0.2	0.0	1.2	2.9
Depression	42	10.4	9.6	3.1	16.0	15.7
Manic-Depressive	18	4.4	4.1	0.0	8.4	3.4
Substance Abuse	7	1.7	1.6	0.0	4.3	2.1
INJURY						
Unintentional Injuries	295	72.9	72.3	53.8	90.7	38.6
Self-inflicted Injuries	17	4.2	3.9	0.0	8.0	3.5
Injuries Due to Assault	2	0.5	0.5	0.0	1.9	1.2
DELIVERY						
All Deliveries****	233	113.8	113.8	99.2	128.4	364.5
Vaginal Delivery	181	88.4	88.4	75.5	101.3	316.2
Cesarean Delivery	50	24.4	24.4	17.7	31.2	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Carbon/Emery Co.

Category of Diseases	SMALL AREA					UTAH
	No. of * Cases	DISCHARGE RATES (PER 10,000 PERSONS)			Rate	
		Crude	Adjusted**	LCL***	UCL***	Adjusted**
All Non-newborn Discharges	2,435	406.4	410.5	374.7	446.2	313.5
ACUTE						
Bronchiolitis and Bronchitis	40	6.7	7.6	2.3	12.8	13.6
Gastroenteritis	136	22.7	25.4	15.9	35.0	4.1
Pneumonia	180	30.0	33.4	22.5	44.4	20.9
Dehydration	39	6.5	7.0	2.1	12.0	7.8
Viral Illness	52	8.7	9.4	3.6	15.1	2.4
Acute Appendicitis	64	10.7	9.8	4.4	15.2	12.9
Kidney/Urinary tract Infection	17	2.8	3.1	0.0	6.5	3.9
Acute Laryngitis/tracheiitis	67	11.2	12.9	6.0	19.8	3.4
Convulsions	18	3.0	3.2	0.0	6.6	3.0
CHRONIC						
Asthma	100	16.7	18.2	10.2	26.2	9.5
Diabetes	62	10.3	9.8	4.3	15.2	4.8
MENTAL HEALTH						
Behavior Disorders	11	1.8	1.6	0.0	3.8	2.9
Depression	70	11.7	10.5	5.0	16.1	15.7
Manic-Depressive	29	4.8	4.4	0.8	8.0	3.4
Substance Abuse	14	2.3	2.0	0.0	4.4	2.1
INJURY						
Unintentional Injuries	308	51.4	51.4	38.5	64.3	38.6
Self-inflicted Injuries	40	6.7	5.9	1.8	10.0	3.5
Injuries Due to Assault	4	0.7	0.6	0.0	2.0	1.2
DELIVERY						
All Deliveries****	386	115.4	115.4	103.9	126.9	364.5
Vaginal Delivery	350	104.7	104.7	93.7	115.6	316.2
Cesarean Delivery	36	10.8	10.8	7.2	14.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Grand/San Juan Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,483	358.2	350.2	311.2	389.2	313.5
ACUTE						
Bronchiolitis and Bronchitis	63	15.2	14.9	6.7	23.2	13.6
Gastroenteritis	33	8.0	7.8	1.8	13.7	4.1
Pneumonia	275	66.4	65.3	48.2	82.5	20.9
Dehydration	45	10.9	10.8	3.7	17.8	7.8
Viral Illness	12	2.9	2.8	0.0	6.3	2.4
Acute Appendicitis	33	8.0	7.9	1.8	14.0	12.9
Kidney/Urinary tract Infection	23	5.6	5.5	0.5	10.6	3.9
Acute Laryngitis/tracheiitis	13	3.1	3.1	0.0	6.8	3.4
Convulsions	14	3.4	3.6	0.0	7.8	3.0
CHRONIC						
Asthma	56	13.5	13.9	5.7	22.1	9.5
Diabetes	7	1.7	1.7	0.0	4.5	4.8
MENTAL HEALTH						
Behavior Disorders	3	0.7	0.8	0.0	2.7	2.9
Depression	26	6.3	6.0	0.8	11.2	15.7
Manic-Depressive	11	2.7	2.6	0.0	6.1	3.4
Substance Abuse	5	1.2	1.1	0.0	3.3	2.1
INJURY						
Unintentional Injuries	96	23.2	22.7	12.5	32.9	38.6
Self-inflicted Injuries	8	1.9	1.7	0.0	4.4	3.5
Injuries Due to Assault	6	1.4	1.4	0.0	3.8	1.2
DELIVERY						
All Deliveries****	129	56.1	56.1	46.4	65.8	364.5
Vaginal Delivery	105	45.7	45.7	36.9	54.4	316.2
Cesarean Delivery	23	10.0	10.0	5.9	14.1	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):

NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Other Washington Co.

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,622	318.3	320.7	286.5	355.0	313.5
ACUTE						
Bronchiolitis and Bronchitis	24	4.7	5.0	0.5	9.4	13.6
Gastroenteritis	15	2.9	3.0	0.0	6.3	4.1
Pneumonia	221	43.4	44.9	31.8	58.1	20.9
Dehydration	54	10.6	11.0	4.5	17.6	7.8
Viral Illness	15	2.9	2.9	0.0	6.2	2.4
Acute Appendicitis	101	19.8	19.2	10.9	27.6	12.9
Kidney/Urinary tract Infection	20	3.9	4.0	0.1	7.9	3.9
Acute Laryngitis/tracheiitis	15	2.9	3.1	0.0	6.6	3.4
Convulsions	11	2.2	2.2	0.0	5.0	3.0
CHRONIC						
Asthma	24	4.7	4.8	0.5	9.0	9.5
Diabetes	22	4.3	4.4	0.3	8.4	4.8
MENTAL HEALTH						
Behavior Disorders	9	1.8	1.7	0.0	4.2	2.9
Depression	26	5.1	5.0	0.7	9.2	15.7
Manic-Depressive	11	2.2	2.1	0.0	4.9	3.4
Substance Abuse	0	0.0	0.0	0.0	0.0	2.1
INJURY						
Unintentional Injuries	293	57.5	57.2	42.5	71.8	38.6
Self-inflicted Injuries	14	2.7	2.6	0.0	5.7	3.5
Injuries Due to Assault	5	1.0	1.0	0.0	3.0	1.2
DELIVERY						
All Deliveries****	201	79.7	79.7	68.7	90.8	364.5
Vaginal Delivery	166	65.9	65.9	55.8	75.9	316.2
Cesarean Delivery	33	13.1	13.1	8.6	17.6	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

St. George

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	2,098	246.8	237.8	215.0	260.5	313.5
ACUTE						
Bronchiolitis and Bronchitis	37	4.4	4.6	1.3	8.0	13.6
Gastroenteritis	29	3.4	3.6	0.6	6.5	4.1
Pneumonia	250	29.4	31.1	22.5	39.7	20.9
Dehydration	71	8.4	8.7	4.1	13.2	7.8
Viral Illness	13	1.5	1.6	0.0	3.5	2.4
Acute Appendicitis	97	11.4	10.9	5.9	15.8	12.9
Kidney/Urinary tract Infection	18	2.1	2.1	0.0	4.3	3.9
Acute Laryngitis/tracheiitis	25	2.9	3.1	0.4	5.9	3.4
Convulsions	24	2.8	3.0	0.3	5.6	3.0
CHRONIC						
Asthma	44	5.2	5.7	1.9	9.4	9.5
Diabetes	48	5.6	5.8	2.1	9.5	4.8
MENTAL HEALTH						
Behavior Disorders	12	1.4	1.2	0.0	2.8	2.9
Depression	48	5.6	4.8	1.7	7.9	15.7
Manic-Depressive	12	1.4	1.2	0.0	2.7	3.4
Substance Abuse	4	0.5	0.4	0.0	1.3	2.1
INJURY						
Unintentional Injuries	296	34.8	33.9	25.1	42.6	38.6
Self-inflicted Injuries	20	2.4	2.0	0.0	4.0	3.5
Injuries Due to Assault	2	0.2	0.3	0.0	1.1	1.2
DELIVERY						
All Deliveries****	355	62.6	62.6	56.1	69.1	364.5
Vaginal Delivery	291	51.3	51.3	45.4	57.2	316.2
Cesarean Delivery	63	11.1	11.1	8.4	13.9	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97

Cedar City

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	989	224.0	212.5	182.9	242.1	313.5
ACUTE						
Bronchiolitis and Bronchitis	44	10.0	10.3	3.5	17.1	13.6
Gastroenteritis	22	5.0	5.0	0.3	9.7	4.1
Pneumonia	117	26.5	27.8	16.5	39.1	20.9
Dehydration	16	3.6	3.6	0.0	7.7	7.8
Viral Illness	9	2.0	2.1	0.0	5.2	2.4
Acute Appendicitis	30	6.8	6.7	1.2	12.1	12.9
Kidney/Urinary tract Infection	13	2.9	3.1	0.0	6.9	3.9
Acute Laryngitis/tracheiitis	6	1.4	1.4	0.0	4.0	3.4
Convulsions	10	2.3	2.4	0.0	5.8	3.0
CHRONIC						
Asthma	11	2.5	2.4	0.0	5.6	9.5
Diabetes	10	2.3	2.3	0.0	5.6	4.8
MENTAL HEALTH						
Behavior Disorders	4	0.9	1.0	0.0	3.2	2.9
Depression	12	2.7	2.5	0.0	5.7	15.7
Manic-Depressive	8	1.8	1.6	0.0	4.1	3.4
Substance Abuse	1	0.2	0.2	0.0	0.9	2.1
INJURY						
Unintentional Injuries	144	32.6	32.4	20.4	44.3	38.6
Self-inflicted Injuries	11	2.5	2.0	0.0	4.6	3.5
Injuries Due to Assault	2	0.5	0.5	0.0	2.2	1.2
DELIVERY						
All Deliveries****	206	68.1	68.1	58.8	77.4	364.5
Vaginal Delivery	182	60.2	60.2	51.4	68.9	316.2
Cesarean Delivery	22	7.3	7.3	4.2	10.3	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

TABLE 6(continued):
 NUMBERS AND RATES (PER 10,000 PERSONS) OF HOSPITAL DISCHARGES FOR YOUTHS 0-19 BY UTAH SMALL AREAS
 INPATIENT DISCHARGES FROM UTAH HOSPITALS: 1993-97
 Other Southwest Dist

Category of Diseases	No. of * Cases	SMALL AREA DISCHARGE RATES (PER 10,000 PERSONS)				UTAH
		Crude	Adjusted**	LCL***	UCL***	Rate Adjusted**
All Non-newborn Discharges	1,657	489.5	488.6	437.4	539.8	313.5
ACUTE						
Bronchiolitis and Bronchitis	91	26.9	28.4	15.4	41.5	13.6
Gastroenteritis	60	17.7	17.9	7.8	28.1	4.1
Pneumonia	167	49.3	51.5	34.1	69.0	20.9
Dehydration	64	18.9	19.4	8.8	30.0	7.8
Viral Illness	11	3.2	3.3	0.0	7.6	2.4
Acute Appendicitis	73	21.6	20.6	10.0	31.2	12.9
Kidney/Urinary tract Infection	28	8.3	8.2	1.4	15.0	3.9
Acute Laryngitis/tracheiitis	27	8.0	8.5	1.3	15.7	3.4
Convulsions	18	5.3	5.4	0.0	11.0	3.0
CHRONIC						
Asthma	33	9.7	10.0	2.4	17.6	9.5
Diabetes	21	6.2	6.0	0.3	11.8	4.8
MENTAL HEALTH						
Behavior Disorders	0	0.0	0.0	0.0	0.0	2.9
Depression	18	5.3	5.0	0.0	10.3	15.7
Manic-Depressive	3	0.9	0.8	0.0	2.9	3.4
Substance Abuse	4	1.2	1.1	0.0	3.5	2.1
INJURY						
Unintentional Injuries	237	70.0	68.8	49.2	88.3	38.6
Self-inflicted Injuries	10	3.0	2.7	0.0	6.5	3.5
Injuries Due to Assault	2	0.6	0.6	0.0	2.4	1.2
DELIVERY						
All Deliveries****	177	108.0	108.0	92.1	123.9	364.5
Vaginal Delivery	139	84.8	84.8	70.7	98.9	316.2
Cesarean Delivery	37	22.6	22.6	15.3	29.8	44.5

* Five-year total number of discharges by first diagnosis.

** Adjusted rates are age adjusted to the U.S. 2000 population 19 or under.

*** Confidence limits are for adjusted rates; LCL=Lower limit, UCL= Upper limit

**** Deliveries to females age 13-19 were divided by a population denominator of females age 15-19.

The rates are not comparable with other rates of teen pregnancy or other discharge rates in this table

Note: Small areas are Defined by Patients' Residential Zip codes.

