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Utilization of IHS and tribal direct and contract general hospitals, fiscal year 1996 and U.S non-federal short-stay hospitals, calendar year 1996.

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**UTILIZATION OF IHS AND TRIBAL DIRECT AND
CONTRACT GENERAL HOSPITALS,
FISCAL YEAR 1996
AND
U.S. NON-FEDERAL SHORT-STAY HOSPITALS,
CALENDAR YEAR 1996**



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INTRODUCTION

This report discusses the utilization of hospital inpatient services provided by the Indian Health Service (IHS) and the tribes in fiscal year (FY) 1996. Information is tabulated by the age, sex, and principal (first-listed) diagnosis¹ of the patients. To correspond to the usual practice of presenting hospital discharge data, discharges from the newborn section of the hospital have been excluded from this report.

Inpatient care was available at 37 general hospitals operated by the IHS, 12 tribally-operated hospitals, and hundreds of community hospitals with which the IHS and tribes negotiate contracts or informal agreements on a reimbursable basis. Inpatient care is generally available to persons of Indian descent who reside on or near the reservation of their federally-recognized tribe, or on or near a reservation where social and economic ties are closely maintained.

The data in this report were collected from IHS-operated hospitals, tribally-operated hospitals, and community hospitals that are contracted by IHS or the tribes². IHS is organized into 12 administrative regions or Areas. This report covers 11 of the 12 Areas, because the California Area does not have any IHS or tribally-operated hospitals and did not report any IHS or tribal contract hospital workload into the IHS statistical data system.

Detailed tables at the end of this report include the population and number of hospital discharges by sex and age (Detailed Table 1); the number of discharges (direct and contract hospitals) by principal diagnosis, age, and sex (Detailed Tables 2-6); the number of all listed procedures by hospital ownership and type of procedure (Detailed Table 7); the number of all listed procedures by age group and type of procedure (Detailed Table 8); and the number of discharges, days, and average length of stay by principal diagnosis for each IHS Area (Detailed Tables 9 and 10).

Included in this report is a comparison of the IHS and tribal hospital experience to the use of non-Federal short-stay hospitals by the U.S. civilian all races, and where possible white populations, in calendar year (CY) 1996. Comparisons are made by the use of discharge rates (the number of discharges per 10,000 population) and procedure rates (the number of procedures per 10,000 population). When applicable, age-adjusted³ IHS hospital discharge and procedure rates are used. This allows for a more meaningful comparison of the IHS discharge rates to the U.S. rates, because of the different age compositions of the two populations.

¹ The principal diagnosis is the condition established after study to be chiefly responsible for occasioning the admission of the patient to the hospital care.

² The data on tribal direct and contract hospitals may not be complete because not all facilities are reporting through the IHS statistical data system.

³ IHS age-specific discharge rates were weighted by the U.S. age distribution for 1996.

SOURCES OF DATA

IHS and tribal data are derived from the medical records of patients discharged from IHS and tribal direct and contract hospitals. The source documents are the Clinical Record Brief (Form IHS-44-1) and the Contract Health Service (CHS) Purchase Order for Hospital Services Rendered (Form IHS-43-1A). These forms are received from direct and contract hospitals, respectively.

Data from the Clinical Record Brief are entered into the Admission/Discharge Transfer package, which is linked to the Patient Care Component (PCC) of the Resource and Patient Management System (RPMS). RPMS is an integrated group of automated data systems designed to operate on mini-computers located in IHS and tribal health facilities.

The export process begins at the facility. An export file is electronically transmitted from the facility to the IHS Area Office. The data are converted and merged at the Area Office and then transmitted to the IHS Division of Information Resources (DIR) for editing, collating, and processing.

Data from the CHS form are entered into the CHS package which is also linked to the PCC. A separate export is done for the CHS package and sent to the IHS Area Office. At the Area Office the data are merged from the facilities and sent to the CHS fiscal intermediary where the statistical data are edited and extracted. Subsequently, the data are sent to DIR for further editing, collating, and processing. Tribal contract data are processed by the IHS Areas and submitted to DIR.

The U.S. data were based on unpublished and published data from the Health Care Statistics Division, National Center for Health Statistics (NCHS), Department of Health and Human Services. Data by race were available for total discharges, but not by age or sex.

The diagnostic coding was based upon the ICD-9-CM classification system. In order to make the IHS and U.S. data comparable, deliveries were included in the obstetric deliveries and complications of pregnancy and the puerperium diagnostic category.

ALL DISCHARGES

In FY 1996, there were 81,161 discharges from IHS and tribal direct and contract general hospitals (hereafter referred to as IHS hospitals). These hospitals served an estimated Indian user population⁴ of 1,190,817. This yields an unadjusted rate of 681.6 discharges per 10,000 population.

⁴ The count of American Indians and Alaska Natives registered in the IHS Patient Registration System who have had a direct or contract inpatient, ambulatory, or dental visit within the last three years.

The IHS age-adjusted rate was 836.8 discharges per 10,000 population; this compared to 1,157.0 discharges per 10,000 for the civilian U.S. all races population and 902.3 for the civilian white population in calendar year (CY) 1996 (Figure 1). The IHS rate was 28 percent less than the U.S. all races rate, but only 7 percent less than the U.S. white rate. However, it should be noted that race was "not stated" on 20 percent of the U.S. discharges. Since such discharges were excluded from the calculations, the white rate may have been much higher, and, if so, the difference between the IHS rate and the white rate would be much more.

Since 1992, the IHS, U.S. all races, and U.S. white rates have all declined. The age-adjusted IHS rate has dropped 8.7 percent, while the U.S. all races and white rates fell about 5 percent. The FY 1992 IHS hospital age-adjusted discharge rate was 916.6; this was 25 percent below the CY 1992 U.S. all races rate (1221.0) and 3 percent below the U.S. white rate (945.6). The FY 1994 age-adjusted IHS rate (889.5) was below the CY 1994 U.S. all races and white rates by similar percentages. However, as noted above, the FY 1996 IHS rate was 28 percent below the U.S. all-races rate and 7 percent below the U.S. white rate.

CAUSES OF HOSPITALIZATION

Table A lists the ten leading causes of hospitalization for the IHS hospitals by major diagnostic category. These ten leading causes represented 87.3 percent of all the IHS discharges in FY 1996. Table A also provides discharge rates for these categories for the U.S. all races and the U.S. white populations in CY 1996. The five leading causes for IHS hospitals are shown graphically in Figure 1. The ratio between the IHS and U.S. all races discharge rates for these five leading causes are shown in Figure 2, while the ratios between IHS and U.S. white rates are shown in Figure 3.

Obstetric deliveries and complications of pregnancy and the puerperium was the leading diagnostic category at IHS hospitals. This category accounted for 14,570 discharges, which was 18.0 percent of the total discharges. In other words, more than one out of every six discharges from IHS hospitals was related to deliveries and complications of pregnancy and the puerperium. Even so, the age-adjusted rate of 116.8 discharges per 10,000 IHS user population for this category was 29 percent below the U.S. all races rate (165.4), but was 4 percent higher than the U.S. white rate of 112.6.

The second leading cause of hospitalization at IHS hospitals was respiratory system diseases, accounting for 11,448 discharges or 14.1 percent of the total. The age-adjusted rate was 110.7 per 10,000 discharges. In comparison, the age-adjusted rates for U.S. all races and U.S. white were 122.6 and 93.5, respectively. Thus, the IHS discharge rate was 10 percent below the U.S. all races rate, but was 18 percent higher than the U.S. white rate.

Digestive system diseases was the third leading cause of hospitalization at IHS hospitals (10,181 discharges, 12.5 percent of the total). No other disease category accounted for more than 10 percent of the IHS discharges.

Eight of the ten leading causes of hospitalization at IHS hospitals were also among the ten leading causes for the U.S. all races: (1) obstetric deliveries, and complications of pregnancy and the puerperium (ranked first in IHS hospitals and second in U.S. hospitals); (2) respiratory system diseases (second, third); (3) digestive system diseases (third, fourth); (4) injury and poisoning (fourth, fifth); (5) circulatory system diseases (fifth, first); (6) genitourinary system diseases (seventh, eighth); (7) endocrine, nutritional and metabolic diseases, and immunity disorders (eighth, tenth); and (8) mental disorders (ninth, sixth).

The remaining two leading causes at IHS hospitals had considerably higher discharge rates than those at U.S. hospitals. The discharge rate for symptoms, signs, and ill-defined conditions, the sixth leading cause at IHS hospitals with an age-adjusted rate of 60.5 discharges per 10,000 population, was only 11.4 for U.S. all races and 9.0 for U.S. whites. Thus, the IHS rate was 5.3 times the U.S. all races rate and 6.7 times the U.S. white rate. Diseases of the skin and subcutaneous tissue was the tenth leading cause at IHS hospitals with a rate of 33.7. This was nearly twice the U.S. all races rate (17.1) and 2.6 times the U.S. white rate (12.9).

AGE DISTRIBUTION

Detailed Table 1 shows the distribution of hospital discharges by age and sex for both the IHS hospitals and U.S. all races. As shown in the table, there was a considerable difference in the percentage of total discharges by age group between IHS hospitals and U.S. all races.

For instance, 16 percent of the total discharges were for the under-15-year-old age group at IHS hospitals; this percentage was more than twice that of the U.S. all races (7 percent). This can partly be explained by the difference in the distribution of the IHS user population and the U.S. all races population; the IHS population is much younger than the U.S. all races population. Nearly 35 percent of the IHS user population was under 15 years old, compared to only 22 percent for the U.S. all races.

Conversely, the 65-years-and-over age group accounted for 16 percent of the total IHS discharges, while this age group represented 38 percent of the U.S. all races discharges. However, this age group accounted for only 6 percent of the IHS user population, while it represented 13 percent of the U.S. all races population. With 38 percent of the total U.S. all races discharges, this age group had the largest number of discharges of the four age groups. However, with only 16 percent of the IHS discharges, it had the smallest number of IHS discharges among the four age groups.

Comparing discharge rates by the four specified age groups, the IHS rate was somewhat lower than the U.S. all races in the under 15 years (15 percent lower), 15-44 years (22 percent lower), and 45-64 years (8 percent lower) categories. However, in the 65-years-and-over age group, the IHS discharge rate was considerably (46 percent) lower than the U.S. all races rate.

DISCHARGES FOR PATIENTS UNDER 15 YEARS OLD

There were 13,148 discharges for patients under 15 years old. This represented 16.2 percent of the total IHS discharges in FY 1996. This continues a steady decline in the percentage of total for this age group. In FY 1994, under 15 year olds accounted for 16.6 percent and in FY 1992 17.4 of the total IHS discharges.

The FY 1996 IHS discharge rate was 326.0 per 10,000 population under 15 years old; this was 15 percent less than the U.S. all races "under-15" discharge rate of 382.4.

The ten leading causes of IHS hospitalizations are shown in Table B. In addition, discharge rates for the IHS and U.S. all races for these causes are also displayed. The number of discharges for each of the five leading causes at IHS hospitals is shown graphically in Figure 4, while the ratios between the IHS and U.S. races discharge rates for these five causes are shown in Figure 5.

Diseases of the respiratory system was by far the leading diagnostic category of hospitalization for both the IHS hospitals and the U.S. all races for this age group. This category represented 42 percent of the IHS and 30 percent of the U.S. all races discharges. The IHS discharge rate of 138.1 was 22 percent higher than the U.S. all races rate of 113.2.

Discharges for respiratory system diseases have been increasing. In FY 1996, there were 5,570 discharges from IHS hospitals; this was an increase of 3.3 percent from FY 1994 (while the total number of discharges for this age group decreased 6.4 percent). The percent of total increased to 42 percent from 38 percent in FY 1994 and 39 percent in FY 1992.

In the IHS hospitals and for the U.S. all races, digestive system diseases (IHS rate = 32.0, U.S. all races rate = 35.6) and injury and poisoning (29.9, 38.6) were the second and third leading causes of discharges. Prior to 1996, injury and poisoning was the second leading cause at IHS hospitals; however, its discharge rate dropped from 33.1 in FY 1994, while the discharge rate for digestive system diseases rose slightly (FY 1994 rate was 31.6).

American Indian children were hospitalized for symptoms, signs, and ill-defined conditions much more than the children in the U.S. all races population. This was the fourth leading cause at IHS hospitals but was not among the top ten causes for U.S. all races. The IHS rate (24.4) was nearly three times the U.S. all races rate (9.0).

The only other leading cause at IHS hospitals that was not in the ten leading causes of U.S. all races discharges for this age group was diseases of the skin and subcutaneous tissue (IHS rate = 11.0, U.S. all races rate = 7.7). The IHS rate was 43 percent higher than the U.S. all races rate.

DISCHARGES FOR PATIENTS 15-44 YEARS OLD

Patients 15-44 years old had 38,258 discharges at IHS hospitals in FY 1996. This was nearly one-half (47 percent) of all of the IHS discharges. However, this age group has been declining in terms of number and percent of total. In FY 1994, there were 40,780 discharges (48 percent of the total), and in FY 1992 there were 43,316 discharges (50 percent).

The FY 1996 IHS rate for 15-44 year olds was 682.2 discharges per 10,000 population (Table C). This was 22 percent below the CY 1996 U.S. all races rate (869.6). The IHS rate has been declining faster than the U.S. all races rate. In FY 1992, the IHS rate was 847.4 (24 percent higher than the FY 1996 rate), while the U.S. all races rate was 960.0; at that time the IHS was only 11 percent below the U.S. all races rate. In FY 1994, the IHS rate was 20 percent below the U.S. rate.

Figure 6 shows the number of discharges for the five leading causes at IHS hospitals in FY 1994, while Figure 7 displays the ratios between the IHS and U.S. all races discharge rates.

Obstetric deliveries and complications of pregnancy and the puerperium was the leading cause of hospitalization for both the IHS and U.S. all races. However, the IHS discharge rate (258.7) was 29 percent less than the U.S. all races rate (366.4). In 1992, the difference was only 9 percent. The FY 1996 IHS discharge rate was significantly less than the rate of 354.0 in FY 1992. The CY 1996 U.S. all races rate decreased only slightly from the CY 1992 rate (389.4). The number of discharges at IHS hospitals for this category decreased from 18,098 in FY 1992 to 14,509 in FY 1996.

Digestive system diseases was the second leading cause of hospitalization at IHS hospitals in FY 1996, but it was the fourth leading cause for the U.S. all races. The IHS rate (85.2) was 36 percent higher than the U.S. all races rate (62.8).

Injury and poisoning was the third leading cause at IHS hospitals and for the U.S. all races. The IHS discharge rate (77.3) was 6 percent more than the U.S. all races rate (72.8).

As with patients under 15 years old, injury and poisoning was previously the second leading cause at IHS hospitals, but its discharge rate declined from FY 1994 (90.5), while the discharge rate for digestive system diseases rose slightly (84.9 in FY 1994).

Mental disorders was the fourth leading cause at IHS hospitals; it was the second for the U.S. all races. The IHS rate of 44.9 was much lower (53 percent lower) than the U.S. all races rate of 96.5. This result was very surprising, given the well-documented problems American Indians have with alcoholism.

The 15-44-year-old American Indians had a much higher discharge rate for symptoms, signs, and ill-defined conditions than the same age group in the U.S. all races. The IHS rate (27.6) was nearly three times the U.S. all races rate (9.6).

DISCHARGES FOR PATIENTS 45-64 YEARS OLD

There were 17,169 discharges for the 45-64 year old age group in FY 1996; this represented 21 percent of the total IHS discharges. While the number declined slightly from FY 1994 (17,349), the percent of total increased slightly (from 20.5 to 21.2). It was a considerable increase in both number and percent of total from FY 1992 (16,348, 18.8).

The FY 1996 discharge rate for patients between 45 and 64 years old at IHS hospitals (1,080.2) was 8 percent below the U.S. all races rate (1,172.2) (Table D). Both decreased from 1994 when the IHS rate was 1,171.0 and the U.S. all races rate was 1,241.1, a 6 percent difference.

The number of discharges for the five leading causes is shown graphically in Figure 8. The ratios of the IHS and U.S. discharge rates for these five leading causes are shown in Figure 9.

Circulatory system diseases and digestive system diseases were the first and second leading causes of hospitalization in IHS hospitals. They were also the leading causes for the U.S. all races. The IHS rates for these two diseases were similar; however, for the U.S. all races, the circulatory system rate was more than twice as high as the digestive system rate. The IHS rate for circulatory system diseases (171.0) was 46 percent lower than the U.S. all races rate (317.7), while the IHS rate for digestive system diseases (169.4) was 20 percent higher than the U.S. all races rate (141.1).

In FY 1994, digestive system diseases (189.2) had a higher discharge rate at IHS hospitals than circulatory system diseases (178.7). However, the digestive system disease rate dropped considerably more than the circulatory system disease rate.

Respiratory system diseases and symptoms, signs, and ill-defined conditions were the third and fourth leading causes of IHS hospitalizations. Respiratory system diseases was the fourth leading cause for the U.S. all races. The IHS rate of 111.9 was 3 percent higher than the U.S. all races rate (108.8).

Although the symptoms, signs and ill-defined conditions category was the fourth leading cause of IHS hospitalizations, it was not among the ten leading causes for the

U.S. all races. The IHS rate (105.6) was over seven times the U.S. all races rate (14.0).

Diseases of the skin and subcutaneous tissue, the eighth leading cause among IHS discharges but not in the leading ten for U.S. all races, also had a much higher rate at IHS hospitals than for the U.S. all races. The IHS rate (61.3) for this category was nearly three times the U.S. all races rate (22.3).

Neoplasms was the third leading cause of hospitalization for the U.S. all races, but was only eighth at IHS hospitals. The U.S. all races rate (113.9) and more than double the IHS rate (53.5). Diseases of the musculoskeletal system and connective tissue also had a much higher U.S. all races rate (80.1) than the IHS rate (44.8).

DISCHARGES FOR PATIENTS 65 YEARS OLD AND OVER

Discharges for patients 65 years old and over totaled 12,586, or 15.5 percent of the IHS total in FY 1996. This was an increase in both number and percentage of total from FY 1994 (12,261, 14.5) and FY 1992 (12,029, 13.9).

The IHS rate for patients 65 years and over was 1,863.7 discharges per 10,000 population. This was 46 percent lower than the U.S. all races rate of 3,460.7 (Table E). The IHS rate declined slightly from FY 1994 (1,890.3), while the U.S. all races rate increased slightly from CY 1994 (3,415.9), widening the spread between the IHS and U.S. rates slightly.

Figure 10 shows the number of discharges for the five leading causes, while Figure 11 displays graphically the ratios between the IHS and U.S. all races discharge rates for these causes.

Circulatory system diseases was the leading cause of hospitalization for both the IHS and the U.S. all races populations. However, the IHS rate (401.7) was 66 percent lower than the U.S. all races rate (1,170.4); in other words, the IHS rate was only about one-third as much as the U.S. all races rate.

Respiratory system diseases and digestive system diseases were the second and third leading causes of hospitalization in IHS hospitals and for U.S. all races. However, the IHS rates were well below those for the U.S. all races rates. The IHS rate for respiratory system diseases (335.2) was 27 percent lower than the U.S. all races rate (457.8), while the IHS rate for digestive system diseases (210.0) was 41 percent lower than the U.S. all races rate (353.7).

These three diseases accounted for over one-half (51 percent) of all of the IHS hospital discharges for this age group.

The fourth leading IHS hospitalization cause was symptoms, signs, and ill-defined conditions. The IHS rate (166.0) was more than nine times the U.S. all races rate (18.0). This category accounted for 8.9 percent of the IHS discharges, but only 0.5 percent of the U.S. all races discharges for this age group.

AGE AND SEX DISTRIBUTION

The distribution of discharges for IHS hospital patients by age and sex varied considerably when compared to the U.S. all races patients. As noted previously, this is partially explained by the difference in the age distribution of the American Indian and U.S. all races populations.

As shown in Detailed Table 1, male patients in the under-15-year-old category represented 8.8 percent of the total IHS discharges; this was more than twice that of the U.S. all races (4.1 percent). In the American Indian population, males under 15 years old accounted for 17.2 percent of the total; this was one and one-half times the percentage (11.2) for males under 15 years old in the U.S. all races population.

Males 65 years old and over represented just 6.9 percent of the IHS discharges while comprising 16.0 percent of the U.S. all races discharges. In the IHS and U.S. all races populations, this age-sex group accounted for only 2.4 and 5.3 percent of the total, respectively.

Females represented a large percentage of all discharges from IHS hospitals (60.2) and for U.S. all races (60.4). Females under 15 years old accounted for 7.4 percent of the total IHS hospital discharges, but only 3.2 percent for U.S. all races. Nearly one-third (32.7 percent) of the total IHS discharges were for females 15-44 years old, but only one-quarter (24.5 percent) of the U.S. all races discharges were in this category. Conversely, the females in the 65-years-and-over category accounted for just 8.6 percent of all the IHS discharges, while this category represented 22.3 percent of the U.S. all races discharges.

DISCHARGES FOR MALE PATIENTS

Males were responsible for 32,329 discharges from IHS hospitals in FY 1996. This was 40 percent of the total IHS discharges. This percentage has not changed more than 1 percent since FY 1992, and also is the same as the U.S. all races percentage for these years.

The IHS age-adjusted discharge rate for males in FY 1996 was 716.6 per 10,000 population, 24 percent lower than the U.S. all races rate of 941.0 (Table F). In 1992, the IHS rate was also 24 percent below the U.S. all races rate.

Figure 12 shows graphically the number of discharges for the five leading causes of IHS male hospitalizations; Figure 13 shows the ratios between the IHS and U.S. all races rates for these causes.

The leading cause of hospitalization of males in IHS hospitals was respiratory system diseases (5,648 discharges); this category was second for the U.S. all races. However, the IHS age adjusted rate (107.7) was 10 percent lower than the U.S. all races rate (120.0). The second leading cause of IHS hospitalization was injury and poisoning (4,663 discharges); it ranked fourth for the U.S. all races. The IHS rate (92.0) was 7 percent below the U.S. all races rate (99.2).

Digestive system diseases (4,487 discharges) and circulatory system diseases (3,438) ranked third and fourth, respectively, as the leading causes of discharges for males from IHS hospitals. The IHS rate for digestive system diseases (98.7) was only 2 percent lower than the U.S. all races rate (100.6). The IHS rate for circulatory system diseases (102.7) was much lower (57 percent lower) than the U.S. all races rate (241.0). Circulatory system diseases was the leading cause for the U.S. all races; digestive system diseases was the fourth leading cause.

These four diagnostic categories accounted for over one-half of the IHS (56.4 percent) and U.S. all races (59.6) discharges for males.

American Indian males were hospitalized for symptoms, signs, and ill-defined conditions much more than the males in the general U.S. population. This diagnostic category was the fifth leading cause of male discharges at IHS hospitals. It accounted for 7.8 percent of the IHS male discharges, but only 1.2 percent of the U.S. all races total for males. The IHS rate (58.7) for this category was five times the U.S. all races rate (10.9). Also, IHS male patients were hospitalized for diseases of the skin and subcutaneous tissue at more than twice the rate of males of all races in U.S. hospitals (38.8 versus 18.3).

DISCHARGES FOR FEMALE PATIENTS

There were 48,429 discharges for females from IHS hospitals in FY 1996. They accounted for 60 percent of the total IHS discharges. For the U.S. all races, female discharges also represented 60 percent of the total.

The IHS age-adjusted discharge rate for females was 924.8 per 10,000 population; this was 32 percent below the U.S. all races rate of 1,362.5 (Table G). The difference between the IHS and U.S. all races rates has been widening; the IHS rate has been declining faster than the U.S. all races rate. In 1994 the difference between the two rates was 29 percent, and in 1992 it was 26 percent. Since 1992 the IHS rate has declined 12 percent, while the U.S. all races rate has fallen only 4 percent.

The number of discharges for each of the five leading causes of IHS hospitalizations for females is shown in Figure 14, while the ratios between the IHS and U.S. all races rates for these causes are displayed in Figure 15.

The leading cause of hospitalization of females for both the IHS (14,567 discharges) and U.S. all races was obstetric deliveries and complications of pregnancy and the puerperium. The IHS discharge rate (214.9) was 33 percent lower than the U.S. all races rate (322.6).

Since FY 1992, the IHS discharge rate for obstetric deliveries and complications of pregnancy and the puerperium has declined 24 percent, accounting for virtually all of the drop in the overall female discharge rate.

The second leading cause for female patients in the IHS hospitals was respiratory system diseases (5,800 discharges). This category ranked third for females of all races. The IHS rate (113.1) was 10 percent below the U.S. all races rate (125.2).

Digestive system diseases was the third leading cause of hospitalization of females at IHS hospitals (5,694 discharges) and the fourth leading cause for the U.S. all races. The IHS rate (113.9) was 4 percent below the U.S. all races rate (119.1).

American Indian females were hospitalized for symptoms, signs, and ill-defined conditions much more than the females in the general population. The IHS rate (62.3) was five times the U.S. all races rate (12.0). Also, IHS female patients were hospitalized for skin and subcutaneous tissue diseases (IHS rate=29.3) at 1.8 times the U.S. all races rate (16.0).

On the other hand, females of all races were hospitalized two and one-half times more often than females in IHS hospitals for circulatory system diseases (U.S. all races rate = 222.2; IHS rate = 85.9) and nearly three times more often for mental disorders (69.4; 24.3).

UTILIZATION BY PROCEDURES

Health professionals in IHS and tribal direct and contract general hospitals performed 115,224 operations and non-surgical procedures in FY 1996 (Table H). The IHS rate was 1,170.1 procedures per 10,000 population. This was 24 percent less than the U.S. all races rate (1,530.2) and 4 percent less than the U.S. white rate (1,213.2).

Figure 16 shows the number of procedures for the five leading categories. Figure 17 displays the ratios of the IHS and U.S. all races rates for these categories, while Figure 18 graphically shows the ratios between the IHS and U.S. white rates.

The IHS procedure rate has increased 4.7 percent since FY 1994, while the U.S. all races rate declined 2.7 percent and the U.S. white rate decreased 3.1 percent since CY

1994. The FY 1994 IHS rate was 29 percent below the CY 1994 U.S. all races rate and 11 percent below the U.S. white rate.

Over one-half (51.8 percent, 59,701) of the IHS procedures in FY 1996 were for miscellaneous diagnostic and therapeutic procedures. This was the leading procedure category in IHS hospitals, as well as for the U.S. all races and the U.S. white populations. At IHS hospitals, there were 629.3 procedures performed per 10,000 people (age-adjusted). This rate was 32 percent higher than the U.S. all-races rate of 477.4 and 64 percent higher than the U.S. white rate of 384.5.

The IHS rate for all procedures other than "miscellaneous diagnostic and therapeutic procedures" was 540.8. This was only about one-half the U.S. all races rate (1052.8) and two-thirds the U.S. white rate (828.7). Many of these procedures are surgical procedures; thus, surgery was performed much less often on Indians than on the rest of the U.S. population.

The obstetrical procedures category was the second leading category at IHS hospitals and also for the U.S. all races and U.S. white populations. For IHS hospitals, the rate was 163.5. This was 34 percent lower than the U.S. all races rate of 247.7 and 6 percent lower than the U.S. white rate of 176.8. The third most often procedure performed in IHS hospitals, and for U.S. all races and U.S. whites, was for the digestive system. The IHS rate (110.0) was 42 percent below the U.S. all races rate (188.5) and 28 percent below the U.S. white rate (152.5).

Together the three leading procedure categories accounted for nearly four out of five (78.2 percent) of all the IHS procedures. However, these three categories represented only three out of five of the U.S. all races procedures (59.7 percent) and the U.S. white procedures (58.6 percent).

The U.S. general population had proportionately larger numbers—and much higher rates—for cardiovascular and musculoskeletal system procedures, among others, than did patients in IHS hospitals. Many of the IHS procedure category rates were less than one-half the rates for the U.S. all races. Among the ten leading categories of IHS procedures, only miscellaneous diagnostic and therapeutic procedures and nose, mouth, and pharynx procedures had higher IHS rates than the U.S. all races and white rates.

PROCEDURES BY AGE GROUP

Physicians and other health professionals in IHS hospitals performed 21,055 procedures on patients under 15 years old (Table I). This age group accounted for 18 percent of all of the IHS procedures. This percentage was more than three times higher than that for the U.S. all races, where this age group accounted for only 5 percent of the total procedures. The IHS rate of 522.1 procedures per 10,000 patients in this age group was 55 percent higher than the U.S. all races rate (337.9). This is

especially significant since the overall IHS rate was 24 percent lower than the overall U.S. all races rate.

By far, the leading category for this age group was miscellaneous diagnostic and therapeutic procedures (16,783, 79.7 percent of the total). The IHS rate of 416.2 was nearly three times the U.S. all races rate of 145.8.

Of note is the fact that the IHS rate for under 15 year olds for the remaining procedures was 105.9. The comparable U.S. all races rate was 192.2. Thus, for procedures other than "miscellaneous," the IHS rate was 45 percent below the U.S. all races rate.

The next two leading IHS categories for patients under 15 years old were male genital organ (812, 3.9 percent) and nervous system (742, 3.5) procedures. Their rates (20.1 and 18.4) were quite different from the U.S. all races rates (5.1 and 34.5). The IHS rate for male genital organ procedures was four times the U.S. all races rate, while the IHS nervous system rate was only one-half the U.S. all races rate. For the U.S. all races, digestive system (37.8) and nervous system procedures were the second and third leading categories.

Patients 15-44 years old had 53,723 procedures performed at IHS hospitals in FY 1994 (Table J). This age group accounted for nearly one-half (47 percent) of the total IHS procedures. However, in the U.S. all races population, this age group accounted for only about one-third (36 percent) of the total procedures. (In both populations, this age group represented nearly one-half of the population.) The IHS procedure rate for this age group was 957.9; this was 22 percent less than the U.S. all races rate of 1,229.9.

The leading procedure categories in IHS hospitals for 15-44 year old patients were obstetrical (20,315, 37.8 percent of the total) and miscellaneous diagnostic and therapeutic (17,807, 33.1). The IHS rates were 362.2 and 317.5, respectively. These two categories were also the leading categories for the U.S. all races; those rates were 549.0 and 226.3, respectively. Thus, the IHS obstetrical procedure rate for 15-44 year olds was 34 percent lower and the IHS "miscellaneous" rate was 40 higher than the comparable U.S. all races rates.

At IHS hospitals, there were 23,083 procedures performed on patients 45-64 years old (Table K). This was a rate of 1,452.3 procedures per 10,000 population in that age group. The U.S. all races rate was 1,732.4. Thus, the IHS rate was 16 percent less than the U.S. all races rate.

Nearly three-fifths (57 percent) of the procedures performed on patients between 45 and 64 years old at IHS hospitals were miscellaneous diagnostic and therapeutic procedures (13,133). The IHS rate for this category, 826.3, was 36 percent higher than the comparable U.S. all races rate (607.8).

Excluding the "miscellaneous" procedures, the IHS rate for 45-64 year olds was 626.0. This was 44 percent less than the U.S. all races rate of 1,124.6.

The next two most frequent categories for 45-64 year old patients were digestive system (2,867, 12.4 percent), and cardiovascular system (2,035, 8.8). Their rates, 180.4 and 128.0, were considerably below the U.S. all races rates of 232.3 and 350.6. In fact, the IHS cardiovascular procedure rate was only about one-third of the U.S. all races rate.

Of the 17,363 IHS procedures performed on patients 65 years old and older, over two-thirds (11,978, 69 percent) were miscellaneous diagnostic and therapeutic procedures (Table L). For the U.S. all races, this category represented only 40 percent.

Patients in this age group accounted for 15 percent of the IHS total number of procedures. This compared to 36 percent of the total for the U.S. all races. For the U.S. all races, the number of procedures for this age group was virtually the same as the number for the 15-44 year old age group. However, at IHS hospitals this age group accounted for only one-third (32 percent) as many procedures as the 15-44 year olds.

The IHS procedure rate for patients 65 years and older was 2,571.0. This was 40 percent less than the U.S. all races rate (4,294.6). Excluding the "miscellaneous" procedures, the IHS rate of 797.4 was only one-third (31 percent) of the U.S. all races rate of 2,577.8.

The second and third largest IHS categories for this age group were digestive system (1,612, 9.3 percent of the total) and cardiovascular system (1,258, 7.2). The IHS rates for these two categories were 238.7 and 186.3, respectively. These were much lower than the U.S. all races rates. The IHS digestive system rate was only 35 percent as much as the U.S. rates rate of 680.6. There was even more of a disparity between the IHS and U.S. all races cardiovascular system rates; the IHS rate (186.3) was less than one-quarter (22 percent) as much as the U.S. all races rate (842.6). In fact, the U.S. all races cardiovascular system rate was more than the total IHS rate for this age group for all causes combined excluding miscellaneous diagnostic and therapeutic procedures.

CONCLUSIONS

The patients seen at the IHS and contract general hospitals are on the average younger, but suffer generally from the same categories of illnesses as do patients of all races seen at U.S. non-Federal short-stay hospitals.

Overall, the IHS hospitals had an age-adjusted discharge rate in FY 1996 that was 28 percent below the CY 1996 U.S. all races rate, primarily because of a much lower rate for patients 65 years and over. The IHS discharge rate was only 7 percent lower than the U.S. white rate. However, the difference in IHS and U.S. rates has widened slightly. In 1992 and again in 1994, the IHS rate was 25 percent below the U.S. all races rate and 4 percent below the U.S. white rate.

While IHS discharge rates were lower than the U.S. rates for most diseases, the IHS rates for symptoms, signs, and ill-defined conditions and diseases of the skin and subcutaneous tissue were considerably higher than the U.S. all races rates. Overall, the IHS rate for symptoms, signs, and ill-defined conditions was five times the U.S. all races rate. In each of the age groups, it ranged from nearly three times to over nine times the U.S. rate. The IHS rate for diseases of the skin and subcutaneous tissue was nearly twice the U.S. all races rate, and ranged from 38 percent to 175 higher in each age group.

For persons under 15 years old, the IHS discharge rate of 326.0 was 15 percent below the U.S. all races rate of 382.4. The category of respiratory system diseases was by far the largest cause of hospitalization, accounting for over 40 percent of the discharges for both IHS and the U.S. all races.

The 15-44 year old age group accounted for nearly half (47 percent) of the discharges from IHS hospitals, while only about one-third (34 percent) of the U.S. all races patient discharges were in this age group. This age group represented a similar percentage of the two populations (IHS, 47 percent; U.S. all races, 45 percent). The IHS rate of 682.2 was 22 percent below the U.S. all races rate of 869.6. Obstetric deliveries and complications of pregnancy and the puerperium accounted for about 40 percent of the discharges for both the IHS and U.S. all races.

The IHS discharge rate for 45-64 year old patients (1,080.2) was only 8 percent below the U.S. all races rate (1,172.2). However, the rates for some diagnostic categories varied considerably. Although circulatory system diseases was the leading category for both IHS and the U.S. all races, the U.S. all races rate was nearly double the IHS rate. The U.S. all races rates for neoplasms and diseases of the musculoskeletal system and connective tissue were also about twice the IHS rates. On the other hand, the IHS rate for symptoms, signs, and ill-defined conditions was more than seven times the U.S. all races rate, and the IHS rate for diseases of the skin and subcutaneous tissue was nearly three times the U.S. all races rate.

The IHS and U.S. all races results for the 65 years and older age group were quite different from each other. This age group accounted for 38 percent of the U.S. all races discharges, making it the largest age group in terms of the number of discharges. However, this age group accounted for only 16 percent of the IHS discharges; this was the smallest number among the four age groups. For this age group, the IHS discharge rate was 46 percent lower than the U.S. all races rate; the difference was less than 25 percent in the other age groups. Although circulatory system diseases was the leading category for both the IHS and U.S. all races, the IHS rate was only about one-third the U.S. all races rate. The neoplasms and injury and poisoning categories also had IHS rates that were less than one-half the U.S. all races rates. On the other hand, the IHS rate for symptoms, signs, and ill-defined conditions was over nine times the U.S. all races rate.

The IHS age-adjusted discharge rate (770.7 per 10,000 population) for males was 21 percent lower than the U.S. all races male discharge rate (976.9). The leading causes of IHS hospitalizations, accounting for just over one-half of the total, were respiratory system diseases, injury and poisoning, digestive system diseases, and circulatory system diseases. They were also the four leading causes for the U.S. all races, but in a different order.

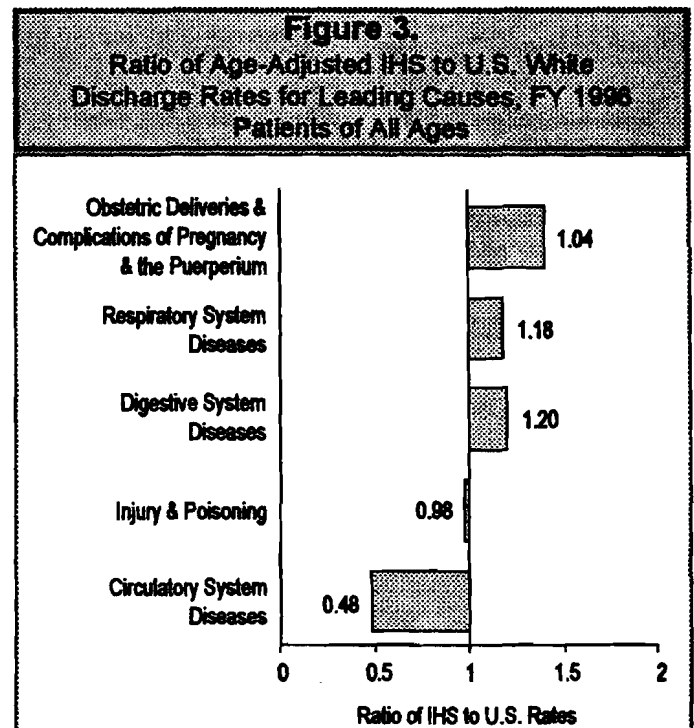
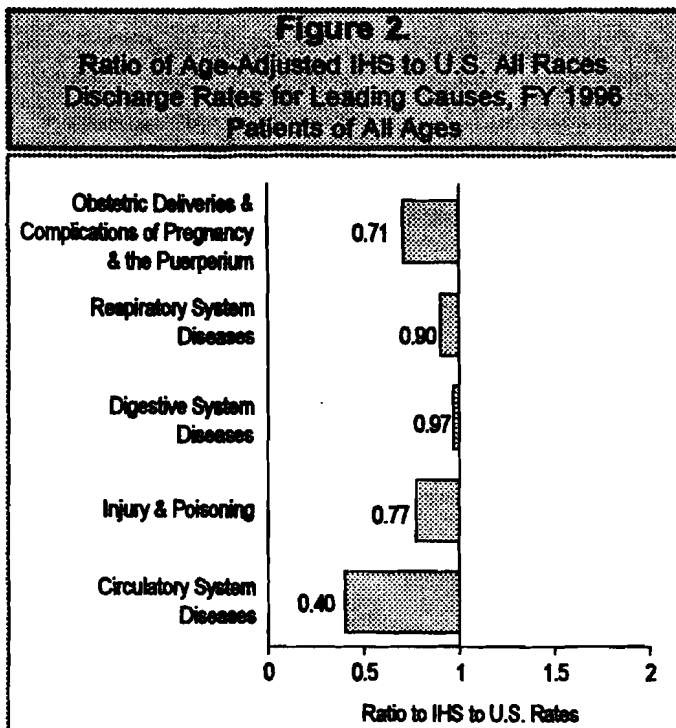
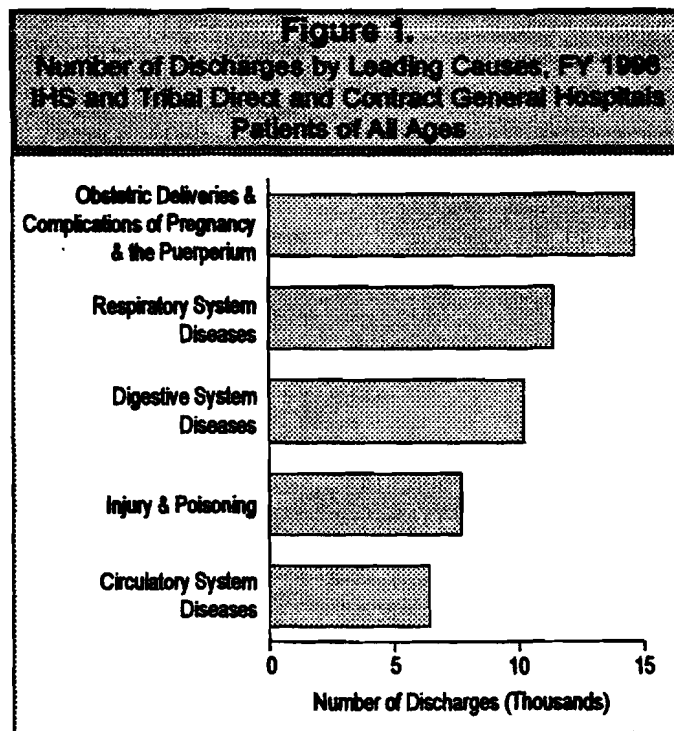
For females, the IHS discharge rate (989.4) was 29 percent below the U.S. all races rate (1,393.7). Obstetric deliveries and complications of pregnancy and the puerperium was by far the leading cause of hospitalization, accounting for 30 percent of the IHS and 23 percent of U.S. all races discharges for females.

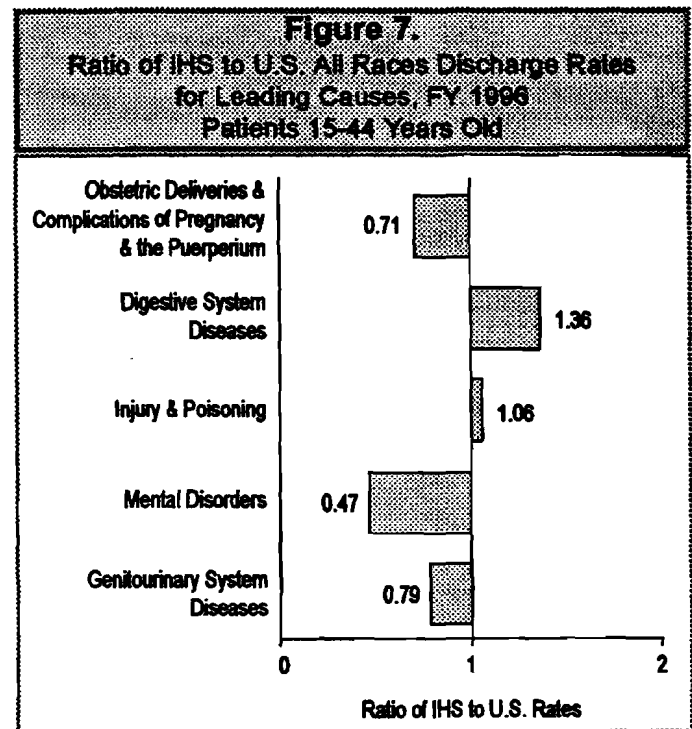
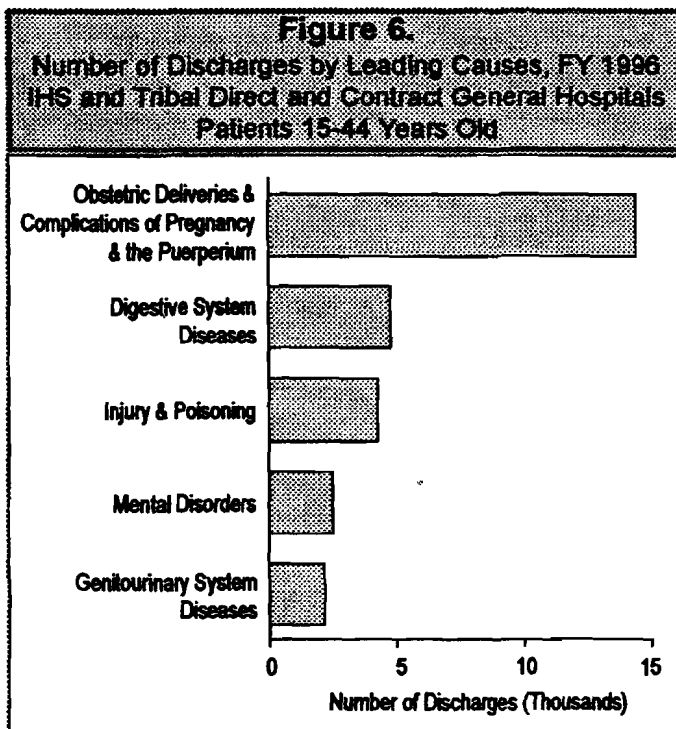
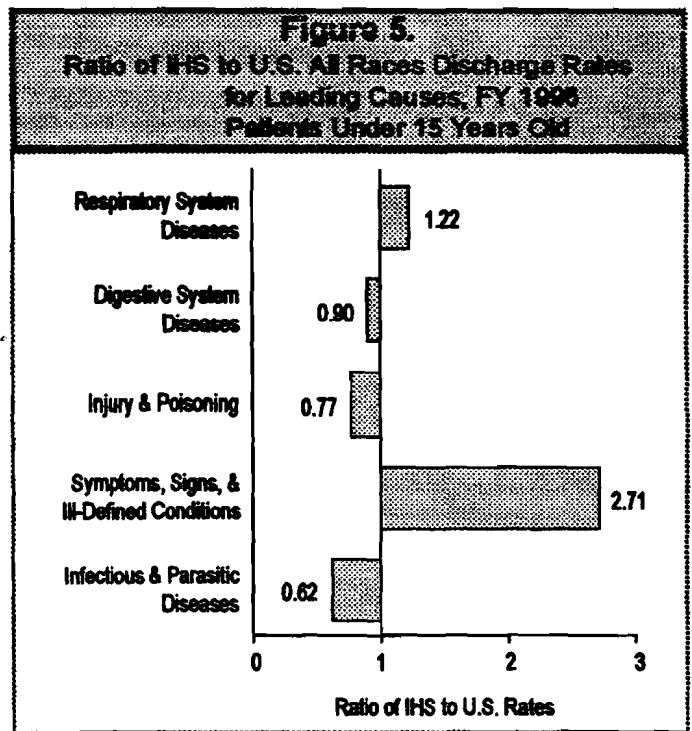
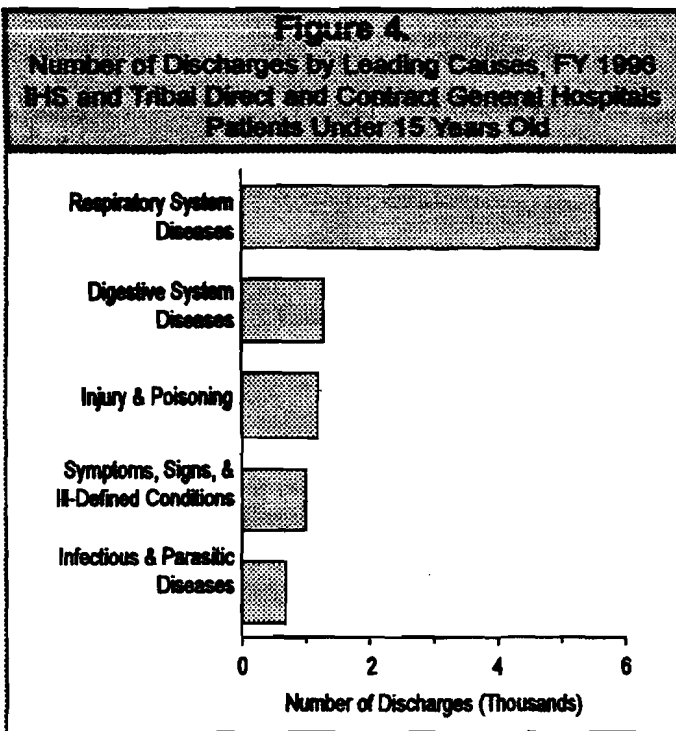
A comparison of operations and non-surgical procedures for IHS hospitals and the U.S. general population shows the IHS rate was 24 percent less than the U.S. all races rate and 4 percent less than the U.S. white rate. The differences between the IHS rate and the U.S. rates narrowed somewhat from 1994. In 1994, the IHS rate was 29 percent less than the U.S. all races rate and 11 percent less than the U.S. white rate. (As noted above, the differences between the IHS and U.S. discharge rates widened somewhat.)

Miscellaneous diagnostic and therapeutic procedures was by far the leading category. It accounted for 52 percent of the IHS, 31 percent of the U.S. all races, and 32 percent of the U.S. white race procedures. The IHS rate for this category was 32 percent higher than the U.S. all races rate and 64 higher than the U.S. white rate.

The IHS rates were lower for all other leading categories, except for the category of nose, mouth, and pharynx procedures; the IHS rate was 7 percent higher than the U.S. all races rate and 35 percent higher than the U.S. white rate. The U.S. all races rates were more than twice the IHS rates for musculoskeletal system, cardiovascular system, nervous system, and urinary system procedures.

FIGURES AND TABLES





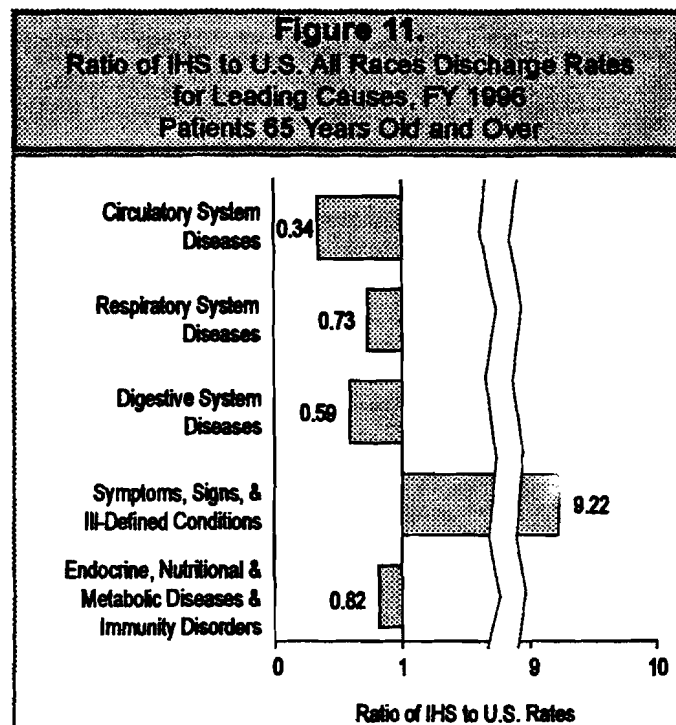
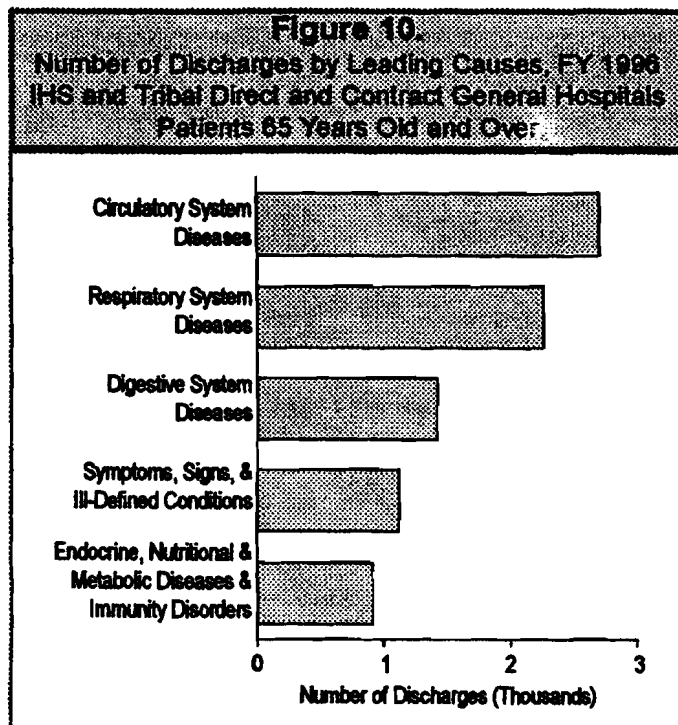
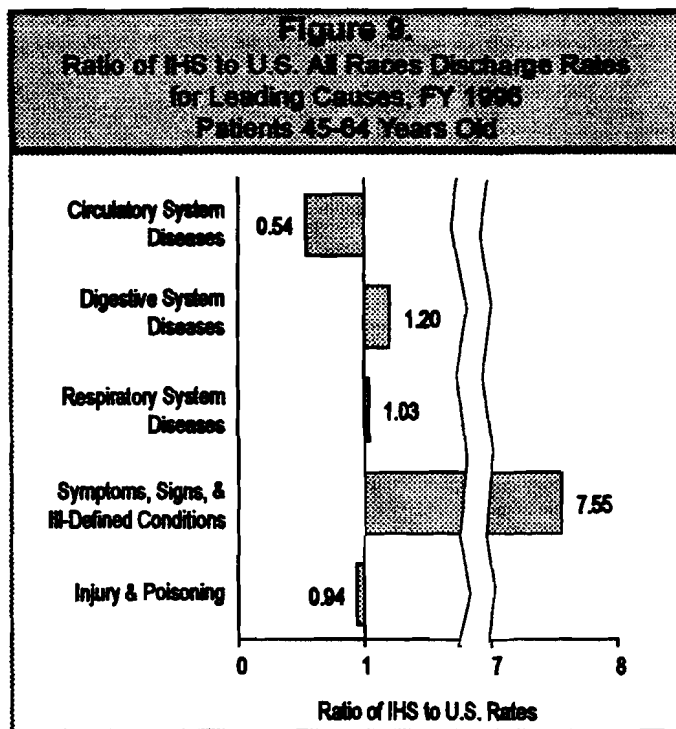
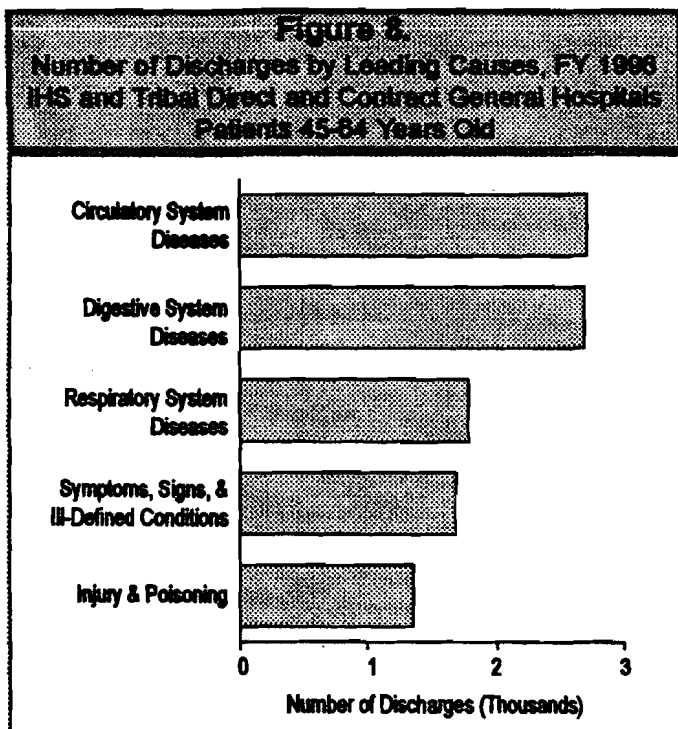


Figure 12.
Number of Discharges by Leading Causes, FY 1996
IHS and Tribal Direct and Contract General Hospitals
Male Patients All Ages

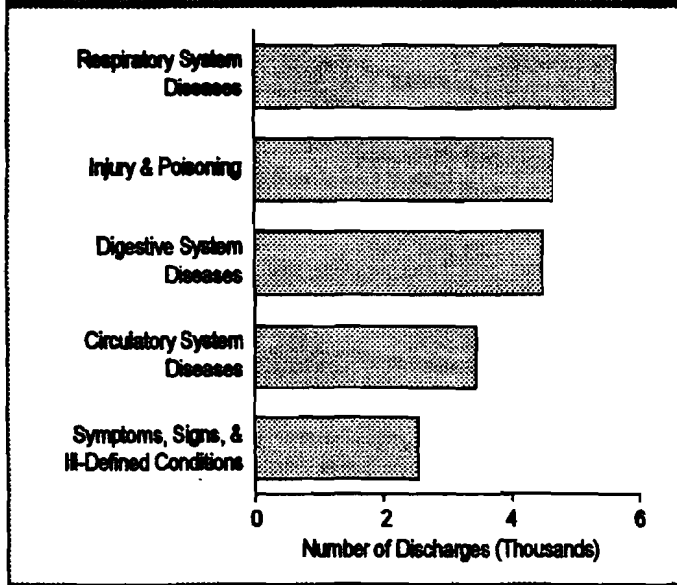


Figure 13.
Ratio of Age-Adjusted IHS to U.S. All Races
Discharge Rates for Leading Causes, FY 1996
Male Patients All Ages

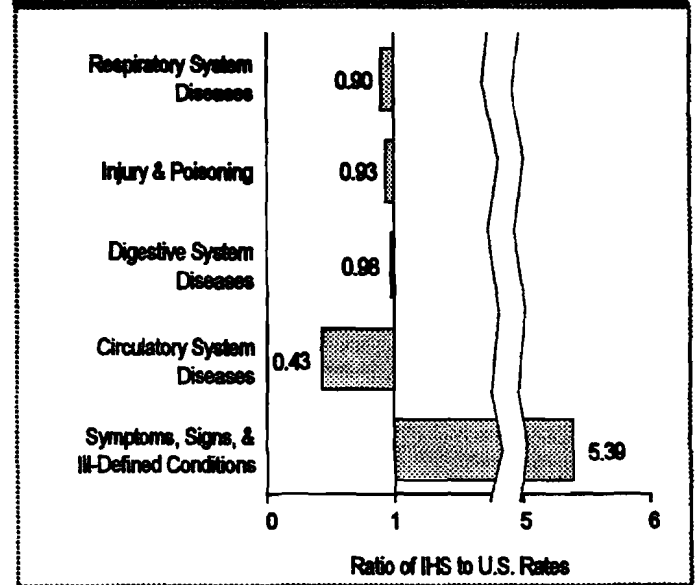


Figure 14.
Number of Discharges by Leading Causes, FY 1996
IHS and Tribal Direct and Contract General Hospitals
Female Patients All Ages

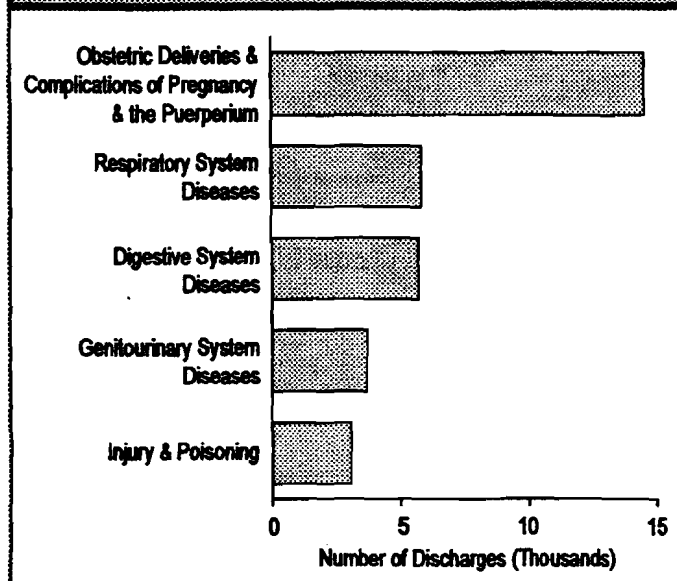
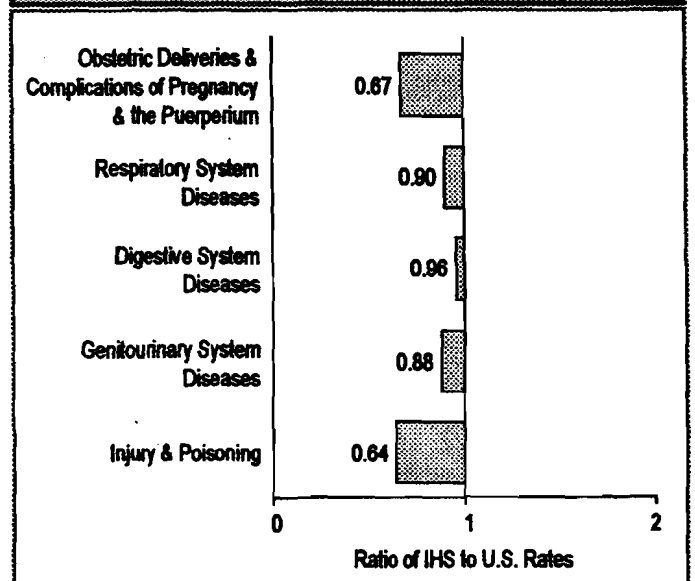


Figure 15.
Ratio of Age-Adjusted IHS to U.S. All Races
Discharge Rates for Leading Causes, FY 1996
Female Patients All Ages



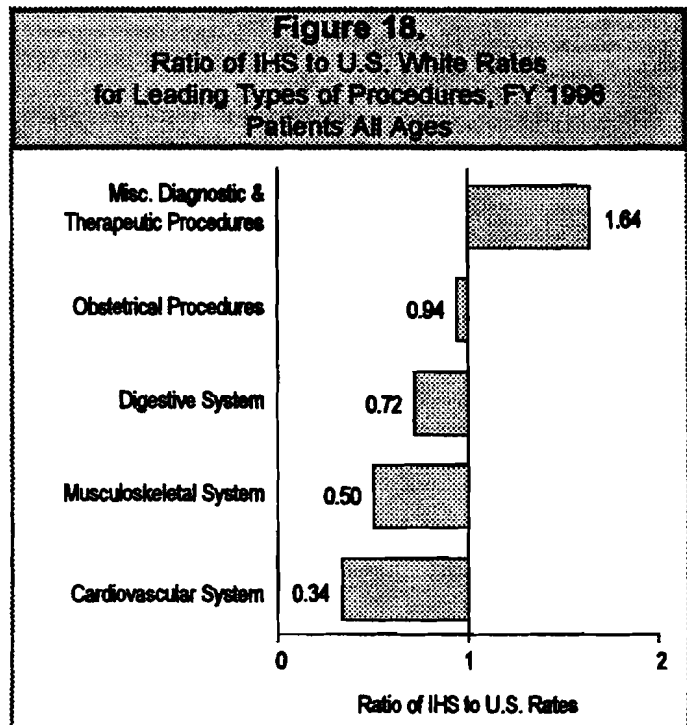
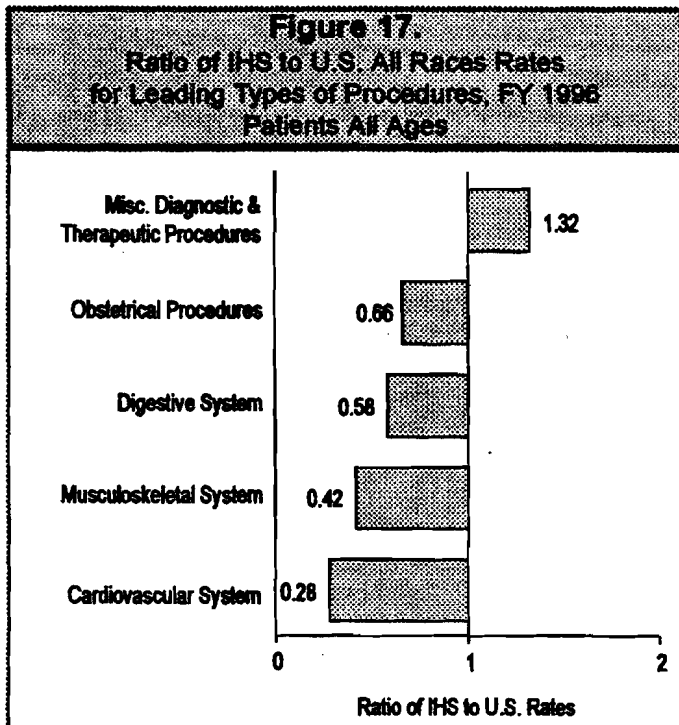
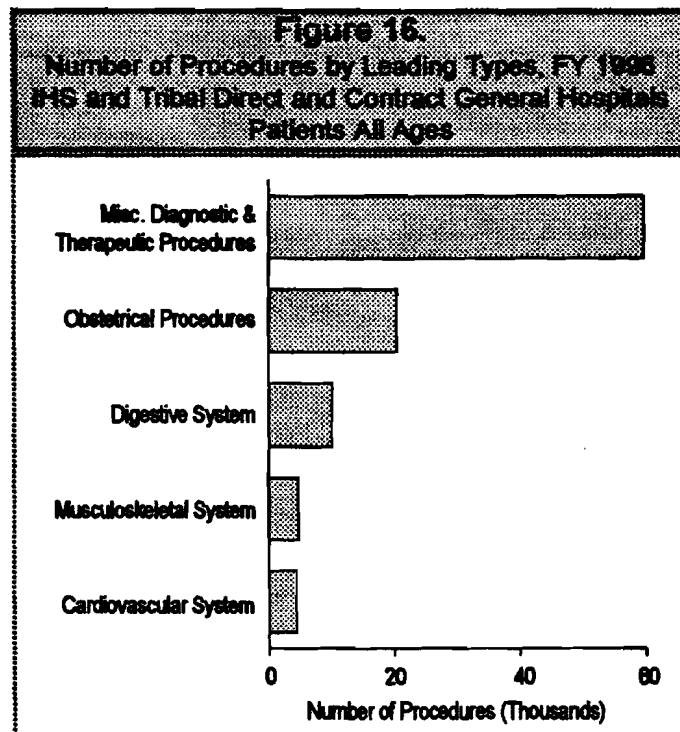


TABLE A.
Ten Leading Causes of Hospitalization for Patients of All Ages
Indian Health Service and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

IHS and Tribal Direct and Contract Hospitals Compared with U.S. Hospitals
(Excludes Newborns)

<u>Diagnostic Category and ICD-9-CM Code</u>	<u>IHS Number of Discharges</u>	<u>Rate per 10,000 Population</u>			<u>Ratio: IHS to U.S. All Races</u>	<u>Ratio: IHS to U.S. White</u>
		<u>IHS (Age- Adjusted)</u>	<u>U.S. All Races</u>	<u>U.S. White</u>		
<u>All Categories</u>	<u>81,161</u>	<u>836.8</u>	<u>1,157.0</u>	<u>902.3</u>	<u>0.72</u>	<u>0.93</u>
Obstetric Deliveries & Complications of Pregnancy & the Puerperium (630-676)	14,570	116.8	165.4	112.6	0.71	1.04
Respiratory System Diseases (460-519)	11,448	110.7	122.6	93.5	0.90	1.18
Digestive System Diseases (520-579)	10,181	106.7	110.1	89.2	0.97	1.20
Injury & Poisoning (800-899)	7,740	74.7	96.6	76.1	0.77	0.98
Circulatory System Diseases (390-459)	6,365	93.6	231.3	193.1	0.40	0.48
Symptoms, Signs, & Ill-Defined Conditions (780-799)	5,331	60.5	11.4	9.0	5.31	6.72
Genitourinary System Diseases (580-629)	4,835	53.3	63.4	51.2	0.84	1.04
Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders (240-279)	3,697	44.8	48.2	35.8	0.93	1.25
Mental Disorders (290-319)	3,547	33.8	73.6	57.2	0.46	0.59
Diseases of the Skin & Subcutaneous Tissue (680-709)	3,151	33.7	17.1	12.9	1.97	2.61
All Other	10,296	128.5	217.3	171.7	0.59	0.75

TABLE B.
Ten Leading Causes of Hospitalization for Patients Under 15 Years Old
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

IHS and Tribal Direct and Contract Hospitals Compared with U.S. Hospitals
(Excludes Newborns)

<u>Diagnostic Category and ICD-9-CM Code</u>	<u>IHS Number of Discharges</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS</u>	<u>U.S. All Races</u>	
<u>All Categories</u>	<u>13,148</u>	<u>326.0</u>	<u>382.4</u>	<u>0.85</u>
Respiratory System Diseases (460-519)	5,570	138.1	113.2	1.22
Digestive System Diseases (520-579)	1,292	32.0	35.6	0.90
Injury & Poisoning (800-899)	1,204	29.9	38.6	0.77
Symptoms, Signs, & Ill-Defined Conditions (780-799)	985	24.4	9.0	2.71
Infectious & Parasitic Diseases (001-139)	661	16.4	26.5	0.62
Certain Conditions Originating in the Perinatal Period (760-779)	657	16.3	26.4	0.62
Diseases of the Nervous System & Sense Organs (320-389)	482	12.0	15.3	0.78
Genitourinary System Diseases (580-629)	472	11.7	12.0	0.98
Diseases of the Skin & Subcutaneous Tissue (680-709)	443	11.0	7.7	1.43
Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders (240-279)	419	10.4	26.9	0.39
All Other	963	23.9	71.2	0.34

TABLE C.
Ten Leading Causes of Hospitalization for Patients 15-44 Years Old
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

*IHS and Tribal Direct and Contract Hospitals Compared with U.S. Hospitals
 (Excludes Newborns)*

<u>Diagnostic Category and ICD-9-CM Code</u>	<u>IHS Number of Discharges</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS</u>	<u>U.S. All Races</u>	
<u>All Categories</u>	<u>38,258</u>	<u>682.2</u>	<u>869.6</u>	<u>0.78</u>
Obstetric Deliveries & Complications of Pregnancy & the Puerperium (630-676)	14,509	258.7	366.4	0.71
Digestive System Diseases (520-579)	4,778	85.2	62.8	1.36
Injury & Poisoning (800-899)	4,337	77.3	72.8	1.06
Mental Disorders (290-319)	2,519	44.9	96.5	0.47
Genitourinary System Diseases (580-629)	2,201	39.2	49.7	0.79
Respiratory System Diseases (460-519)	1,835	32.7	37.9	0.86
Symptoms, Signs, & Ill-Defined Conditions (780-799)	1,546	27.6	9.6	2.87
Diseases of the Skin & Subcutaneous Tissue (680-709)	1,288	23.0	10.6	2.17
Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders (240-279)	1,068	19.0	21.0	0.91
Circulatory System Diseases (390-459)	866	15.4	34.8	0.44
All Other	3,311	59.0	107.5	0.55

TABLE D.
Ten Leading Causes of Hospitalization for Patients 45-64 Years Old
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

*IHS and Tribal Direct and Contract Hospitals Compared with U.S. Hospitals
(Excludes Newborns)*

<u>Diagnostic Category and ICD-9-CM Code</u>	<u>IHS Number of Discharges</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS</u>	<u>U.S. All Races</u>	
<u>All Categories</u>	<u>17,169</u>	<u>1,080.2</u>	<u>1,172.2</u>	<u>0.92</u>
Circulatory System Diseases (390-459)	2,718	171.0	317.7	0.54
Digestive System Diseases (520-579)	2,693	169.4	141.1	1.20
Respiratory System Diseases (460-519)	1,779	111.9	108.8	1.03
Symptoms, Signs, & Ill-Defined Conditions (780-799)	1,679	105.6	14.0	7.55
Injury & Poisoning (800-899)	1,347	84.7	90.3	0.94
Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders (240-279)	1,292	81.3	56.7	1.43
Genitourinary System Diseases (580-629)	1,291	81.2	76.9	1.06
Diseases of the Skin & Subcutaneous Tissue (680-709)	974	61.3	22.3	2.75
Neoplasms (140-239)	850	53.5	113.9	0.47
Diseases of the Musculoskeletal System & Connective Tissue (710-739)	712	44.8	80.1	0.56
All Other	1,834	115.4	150.4	0.77

TABLE E.
Ten Leading Causes of Hospitalization for Patients 65 Years and Older
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

*IHS and Tribal Direct and Contract Hospitals Compared with U.S. Hospitals
 (Excludes Newborns)*

<u>Diagnostic Category and ICD-9-CM Code</u>	<u>IHS Number of Discharges</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS</u>	<u>U.S. All Races</u>	
<u>All Categories</u>	<u>12,586</u>	<u>1,863.7</u>	<u>3,460.7</u>	<u>0.54</u>
Circulatory System Diseases (390-459)	2,713	401.7	1,170.4	0.34
Respiratory System Diseases (460-519)	2,264	335.2	457.8	0.73
Digestive System Diseases (520-579)	1,418	210.0	353.7	0.59
Symptoms, Signs, & Ill-Defined Conditions (780-799)	1,121	166.0	18.0	9.22
Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders (240-279)	918	135.9	166.3	0.82
Genitourinary System Diseases (580-629)	871	129.0	177.3	0.73
Injury & Poisoning (800-899)	852	126.2	288.7	0.44
Neoplasms (140-239)	599	88.7	244.0	0.36
Diseases of the Skin & Subcutaneous Tissue (680-709)	446	66.0	47.8	1.38
Diseases of the Musculoskeletal System & Connective Tissue (710-739)	363	53.8	197.4	0.27
All Other	1,021	151.2	339.3	0.45

TABLE F.
Ten Leading Causes of Hospitalization for Males, All Ages
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

*IHS and Tribal Direct and Contract Hospitals Compared with U.S. Hospitals
(Excludes Newborns)*

<u>Diagnostic Category and ICD-9-CM Code</u>	<u>IHS Number of Discharges</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS (Age- Adjusted)</u>	<u>U.S. All Races</u>	
<u>All Categories</u>	<u>32,329</u>	<u>716.5</u>	<u>941.0</u>	<u>0.76</u>
Respiratory System Diseases (460-519)	5,648	107.7	120.0	0.90
Injury & Poisoning (800-899)	4,663	92.0	99.2	0.93
Digestive System Diseases (520-579)	4,487	98.7	100.6	0.98
Circulatory System Diseases (390-459)	3,438	102.7	241.0	0.43
Symptoms, Signs, & Ill-Defined Conditions (780-799)	2,530	58.7	10.9	5.39
Mental Disorders (290-319)	2,194	45.0	78.0	0.58
Diseases of the Skin & Subcutaneous Tissue (680-709)	1,772	38.8	18.3	2.12
Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders (240-279)	1,729	41.8	40.4	1.03
Genitourinary System Diseases (580-629)	1,113	28.9	40.9	0.71
Musculoskeletal System & Connective Tissue Diseases (710-739)	989	23.2	49.6	0.47
All Other	3,766	79.0	142.1	0.56

TABLE G.
Ten Leading Causes of Hospitalization for Females, All Ages
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

*IHS and Tribal Direct and Contract Hospitals Compared with U.S. Hospitals
 (Excludes Newborns)*

<u>Diagnostic Category and ICD-9-CM Code</u>	<u>IHS Number of Discharges</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS (Age- Adjusted)</u>	<u>U.S. All Races</u>	
<u>All Categories</u>	<u>48,429</u>	<u>924.7</u>	<u>1,362.7</u>	<u>0.68</u>
Obstetric Deliveries & Complications of Pregnancy & the Puerperium (630-676)	14,567	214.9	322.6	0.67
Respiratory System Diseases (460-519)	5,800	113.1	125.2	0.90
Digestive System Diseases (520-579)	5,694	113.9	119.1	0.96
Genitourinary System Diseases (580-629)	3,722	74.2	84.7	0.88
Injury & Poisoning (800-899)	3,077	60.2	94.1	0.64
Circulatory System Diseases (390-459)	2,927	85.9	222.2	0.39
Symptoms, Signs, & Ill-Defined Conditions (780-799)	2,801	62.3	12.0	5.19
Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders (240-279)	1,968	47.8	55.7	0.86
Diseases of the Skin & Subcutaneous Tissues (680-709)	1,379	29.3	16.0	1.83
Mental Disorders (290-319)	1,353	24.3	69.4	0.35
All Other	5,141	98.8	241.7	0.41

TABLE H.
Number and Rate of All-Listed Procedures by Type
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

<u>Procedure Category and ICD-9-CM Code</u>	<u>IHS Number of Procedures</u>	<u>Rate per 10,000 Population</u>			<u>Ratio: IHS to U.S. All Races</u>	<u>Ratio: IHS to U.S. White</u>
		<u>IHS (Age- Adjusted)</u>	<u>U.S. All Races</u>	<u>U.S. White</u>		
<u>All Procedures</u>	<u>115,224</u>	<u>1,170.1</u>	<u>1,530.2</u>	<u>1,213.2</u>	<u>0.76</u>	<u>0.96</u>
Misc. Diagnostic & Therapeutic Procedures (87-99)	59,701	629.3	477.4	384.5	1.32	1.64
Obstetrical Procedures (72-75)	20,398	163.5	247.7	174.0	0.66	0.94
Digestive System (42-54)	9,995	110.0	188.5	152.5	0.58	0.72
Musculoskeletal System (76-84)	4,789	50.2	118.7	99.7	0.42	0.50
Cardiovascular System (35-39)	4,413	58.3	206.2	172.3	0.28	0.34
Female Genital Organs (65-71)	4,195	40.1	79.4	60.7	0.51	0.66
Integumentary System (85-86)	3,574	37.8	48.9	37.9	0.77	1.00
Nervous System (01-05)	1,599	13.7	35.5	27.7	0.39	0.49
Nose, Mouth, Pharynx (21-29)	1,580	13.1	12.2	9.7	1.07	1.35
Urinary System (55-59)	1,360	16.7	38.5	33.0	0.43	0.51
All Other	3,620	37.4	77.2	61.2	0.48	0.61

TABLE I.
Number and Rate of Leading Types of Procedures for Patients Under 15 Years Old
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

<u>Procedure Category and ICD-9-CM Code</u>	<u>IHS Number of Procedures</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS</u>	<u>U.S. All Races</u>	
<u>All Procedures</u>	<u>21,055</u>	<u>522.1</u>	<u>337.9</u>	<u>1.55</u>
Misc. Diagnostic & Therapeutic Procedures (87-99)	16,783	416.2	145.8	2.85
Male Genital Organs (60-64)	812	20.1	5.1	3.94
Nervous System (01-05)	742	18.4	34.5	0.53
Digestive System (42-54)	609	15.1	37.8	0.40
Nose, Mouth, Pharynx (21-29)	574	14.2	12.0	1.18
Musculoskeletal System (76-84)	441	10.9	28.6	0.38
Integumentary System (85-86)	290	7.2	13.6	0.53
All Other	804	20.0	60.5	0.33

TABLE J.
Number and Rate of Leading Types of Procedures for Patients 15-44 Years Old
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

<u>Procedure Category and ICD-9-CM Code</u>	<u>IHS Number of Procedures</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS</u>	<u>U.S. All Races</u>	
<u>All Procedures</u>	<u>53,723</u>	<u>957.9</u>	<u>1,229.9</u>	<u>0.78</u>
Obstetrical Procedures (72-75)	20,315	362.2	549.0	0.66
Misc. Diagnostic & Therapeutic Procedures (87-99)	17,807	317.5	226.3	1.40
Digestive System (42-54)	4,907	87.5	101.6	0.86
Female Genital Organs (65-71)	3,062	54.6	107.2	0.51
Musculoskeletal System (76-84)	2,454	43.8	80.9	0.54
Integumentary System (85-86)	1,778	31.7	33.8	0.94
Cardiovascular System (35-39)	887	15.8	45.8	0.34
All Other	2,513	44.8	85.3	0.53

TABLE K.
Number and Rate of Leading Types of Procedures for Patients 45-64 Years Old
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

<u>Procedure Category and ICD-9-CM Code</u>	<u>IHS Number of Procedures</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS</u>	<u>U.S. All Races</u>	
<u>All Procedures</u>	<u>23,083</u>	<u>1,452.3</u>	<u>1,732.4</u>	<u>0.84</u>
Misc. Diagnostic & Therapeutic Procedures (87-99)	13,133	826.3	607.8	1.36
Digestive System (42-54)	2,867	180.4	232.3	0.78
Cardiovascular System (35-39)	2,035	128.0	350.6	0.37
Musculoskeletal System (76-84)	1,263	79.5	156.6	0.51
Integumentary System (85-86)	1,075	67.6	67.1	1.01
Female Genital Organs (65-71)	928	58.4	107.1	0.55
Urinary System (55-59)	466	29.3	55.6	0.53
All Other	1,316	82.8	155.3	0.53

TABLE L.
Number and Rate of Leading Types of Procedures for Patients 65 Years Old and Older
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

<u>Procedure Category and ICD-9-CM Code</u>	<u>IHS Number of Procedures</u>	<u>Rate per 10,000 Population</u>		<u>Ratio: IHS to U.S. All Races</u>
		<u>IHS</u>	<u>U.S. All Races</u>	
<u>All Procedures</u>	<u>17,363</u>	<u>2,571.0</u>	<u>4,294.6</u>	<u>0.60</u>
Misc. Diagnostic & Therapeutic Procedures (87-99)	11,978	1,773.6	1,716.8	1.03
Digestive System (42-54)	1,612	238.7	680.6	0.35
Cardiovascular System (35-39)	1,258	186.3	842.6	0.22
Musculoskeletal System (76-84)	631	93.4	345.0	0.27
Integumentary System (85-86)	431	63.8	133.0	0.48
Urinary System (55-59)	351	52.0	129.5	0.40
Respiratory System (30-34)	276	40.9	151.1	0.27
All Other	826	122.3	296.0	0.41

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TABLE 1.
Population and Discharges, Number and Percent Distribution
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short-Stay Hospitals, CY 1996

<u>Category</u>	<u>Population</u>		<u>Percent Distribution of Population</u>		<u>Number of Discharges</u>		<u>Percent Distribution of Discharges</u>	
	<u>User IHS</u>	<u>Civilian U.S.(000)</u>	<u>IHS</u>	<u>U.S.</u>	<u>IHS</u>	<u>U.S. (000)</u>	<u>IHS</u>	<u>U.S.</u>
All Ages	1,190,817	263,998	100.0	100.0	81,161	30,545	100.0	100.0
Male	568,153	128,691	47.7	48.7	32,329	12,110	39.8	39.6
Female	622,664	135,306	52.3	51.3	48,832	18,435	60.2	60.4
Under 15 Years	403,273	57,708	33.9	21.9	13,148	2,207	16.2	7.2
Male	204,260	29,549	17.2	11.2	7,127	1,240	8.8	4.1
Female	199,013	28,159	16.7	10.7	6,021	967	7.4	3.2
15-44 Years	560,822	118,734	47.1	45.0	38,258	10,325	47.1	33.8
Male	263,275	59,292	22.1	22.5	11,733	2,831	14.5	9.3
Female	297,547	59,442	25.0	22.5	26,525	7,495	32.7	24.5
45-64 Years	158,943	53,694	13.3	20.3	17,169	6,294	21.2	20.6
Male	71,779	25,969	6.0	9.8	7,882	3,138	9.7	10.3
Female	87,164	27,725	7.3	10.5	9,287	3,156	11.4	10.3
65 Years & Over	67,534	33,861	5.7	12.8	12,586	11,718	15.5	38.4
Male	28,757	13,881	2.4	5.3	5,587	4,901	6.9	16.0
Female	38,777	19,980	3.3	7.6	6,999	6,817	8.6	22.3
Unknown Ages	245	0	0.0	0.0	0	0	0.0	0.0
Male	82	0	0.0	0.0	0	0	0.0	0.0
Female	163	0	0.0	0.0	0	0	0.0	0.0

Note: IHS data excludes the California Area, the Eastern Michigan Service Unit and unassigned counties in the Bemidji Area, the Catawba, Jena Band of Choctaw, and Mohegan Service Units in the Nashville Area, the Warm Springs Service Unit in the Portland Area

TABLE 2 . NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY AGE AND SEX
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996

	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE LENGTH OF STAY		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL ALL HOSPITALS												
TOTAL EXCL. NEWBORN	81161	32329	48832	100.0	100.0	100.0	344171	155723	188448	4.2	4.8	3.9
UNDER 1 YEAR	4844	2657	2187	6.0	8.2	4.5	17671	9489	8182	3.6	3.6	3.7
1 - 4	4134	2251	1883	5.1	7.0	3.9	11785	6426	5359	2.9	2.9	2.8
5 - 9	2133	1214	919	2.6	3.8	1.9	6557	3803	2754	3.1	3.1	3.0
10 - 14	2037	1005	1032	2.5	3.1	2.1	6914	2974	3940	3.4	3.0	3.8
15 - 19	5413	1285	4128	6.7	4.0	8.5	15782	4573	11209	2.9	3.6	2.7
20 - 24	7605	1564	6041	9.4	4.8	12.4	22213	6766	15447	2.9	4.3	2.6
25 - 34	14209	4125	10084	17.5	12.8	20.7	49039	19132	29907	3.5	4.6	3.0
35 - 44	11031	4759	6272	13.6	14.7	12.8	49198	24678	24520	4.5	5.2	3.9
45 - 54	8809	4082	4727	10.9	12.6	9.7	44791	21619	23172	5.1	5.3	4.9
55 - 64	8360	3800	4560	10.3	11.8	9.3	44912	21493	23419	5.4	5.7	5.1
65 - 74	6556	3123	3433	8.1	9.7	7.0	38948	19410	19538	5.9	6.2	5.7
75 AND OVER	6030	2464	3566	7.4	7.6	7.3	36361	15360	21001	6.0	6.2	5.9
DIRECT HOSPITALS												
TOTAL EXCL. NEWBORN	64748	24079	40669	100.0	100.0	100.0	263503	112755	150748	4.1	4.7	3.7
UNDER 1 YEAR	4517	2475	2042	7.0	10.3	5.0	16072	8661	7411	3.6	3.5	3.6
1 - 4	3709	2016	1693	5.7	8.4	4.2	10472	5630	4842	2.8	2.8	2.9
5 - 9	1848	1040	808	2.9	4.3	2.0	5189	2792	2397	2.8	2.7	3.0
10 - 14	1628	805	823	2.5	3.3	2.0	4592	2227	2365	2.8	2.8	2.9
15 - 19	4466	861	3605	6.9	3.6	8.9	11997	2557	9440	2.7	3.0	2.6
20 - 24	6437	1036	5401	9.9	4.3	13.3	17769	4227	13542	2.8	4.1	2.5
25 - 34	11508	2870	8638	17.8	11.9	21.2	38049	13104	24945	3.3	4.6	2.9
35 - 44	8494	3410	5084	13.1	14.2	12.5	36837	17545	19292	4.3	5.1	3.8
45 - 54	6324	2757	3567	9.8	11.4	8.8	32302	14834	17468	5.1	5.4	4.9
55 - 64	5995	2602	3393	9.3	10.8	8.3	31843	14783	17060	5.3	5.7	5.0
65 - 74	4992	2292	2700	7.7	9.5	6.6	29394	14372	15022	5.9	6.3	5.6
75 AND OVER	4830	1915	2915	7.5	8.0	7.2	28987	12023	16964	6.0	6.3	5.8
CONTRACT HOSPITALS												
TOTAL EXCL. NEWBORN	16413	8250	8163	100.0	100.0	100.0	80668	42968	37700	4.9	5.2	4.6
UNDER 1 YEAR	327	182	145	2.0	2.2	1.8	1599	828	771	4.9	4.5	5.3
1 - 4	425	235	190	2.6	2.8	2.3	1313	796	517	3.1	3.4	2.7
5 - 9	285	174	111	1.7	2.1	1.4	1368	1011	357	4.8	5.8	3.2
10 - 14	409	200	209	2.5	2.4	2.6	2322	747	1575	5.7	3.7	7.5
15 - 19	947	424	523	5.8	5.1	6.4	3785	2016	1769	4.0	4.8	3.4
20 - 24	1168	528	640	7.1	6.4	7.8	4444	2539	1905	3.8	4.8	3.0
25 - 34	2701	1255	1446	16.5	15.2	17.7	10990	6028	4962	4.1	4.8	3.4
35 - 44	2537	1349	1188	15.5	16.4	14.6	12361	7133	5228	4.9	5.3	4.4
45 - 54	2485	1325	1160	15.1	16.1	14.2	12489	6785	5704	5.0	5.1	4.9
55 - 64	2365	1198	1167	14.4	14.5	14.3	13069	6710	6359	5.5	5.6	5.4
65 - 74	1564	831	733	9.5	10.1	9.0	9554	5038	4516	6.1	6.1	6.2
75 AND OVER	1200	549	651	7.3	6.7	8.0	7374	3337	4037	6.1	6.1	6.2

TABLE 3 . NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS,
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		81161	64748	16413	100.0	100.0	100.0	344171	263503	80668	4.2	4.1	4.9
INFECTIOUS AND PARASITIC DISEASES	001-139	1827	1451	376	2.3	2.2	2.3	9285	6902	2383	5.1	4.8	6.3
INTESTINAL INFECTIOUS DISEASES	001-009	492	435	57	0.6	0.7	0.3	1612	1440	172	3.3	3.3	3.0
TUBERCULOSIS, ALL FORMS	010-018	98	84	12	0.1	0.1	0.1	1471	1378	93	15.3	16.4	7.8
NEOPLASMS	140-239	2022	1458	564	2.5	2.3	3.4	14797	10709	4088	7.3	7.3	7.2
MALIGNANT NEOPLASMS	140-208	1323	904	419	1.6	1.4	2.6	11939	8609	3330	9.0	9.5	7.9
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	3697	2927	770	4.6	4.5	4.7	20446	16511	3935	5.5	5.6	5.1
DIABETES MELLITUS	250	2186	1658	528	2.7	2.6	3.2	14218	11069	3149	6.5	6.7	6.0
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	625	533	92	0.8	0.8	0.6	2242	1867	375	3.6	3.5	4.1
MENTAL DISORDERS	290-319	3547	2563	984	4.4	4.0	6.0	20100	14362	5738	5.7	5.6	5.8
ALCOHOLIC PSYCHOSES	291	693	544	149	0.9	0.8	0.9	2752	2254	498	4.0	4.1	3.3
OTHER PSYCHOSES	290, 292-299	744	393	351	0.9	0.6	2.1	5386	2863	2523	7.2	7.3	7.2
ALCOHOL DEPENDENCE SYNDROME	303	1058	868	190	1.3	1.3	1.2	7949	6727	1222	7.5	7.8	6.4
NON-DEPENDENT ALCOHOL ABUSE	305.0	284	254	30	0.3	0.4	0.2	609	534	75	2.1	2.1	2.5
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	1458	1240	218	1.8	1.9	1.3	5962	4843	1119	4.1	3.9	5.1
OTITIS MEDIA	381.0-381.4, 382	280	278	2	0.3	0.4	0.0	637	635	2	2.3	2.3	1.0
CIRCULATORY SYSTEM DISEASES	390-459	6365	3743	2622	7.8	5.8	16.0	33433	18223	15210	5.3	4.9	5.8
HYPERTENSIVE DISEASE	401-405	320	224	96	0.4	0.3	0.6	1213	762	451	3.8	3.4	4.7
ISCHEMIC HEART DISEASE	410-414	2159	932	1227	2.7	1.4	7.5	8833	2717	6116	4.1	2.9	5.0
OTHER HEART DISEASE	415-429	2194	1526	668	2.7	2.4	4.1	11543	7585	3958	5.3	5.0	5.9
RESPIRATORY SYSTEM DISEASES	460-519	11448	9953	1495	14.1	15.4	9.1	46037	38947	7090	4.0	3.9	4.7
UPPER RESPIRATORY DISEASES	460-478	3019	2772	247	3.7	4.3	1.5	8402	7678	724	2.8	2.8	2.9
PNEUMONIA	480-486	4920	4201	719	6.1	6.5	4.4	22406	18855	3551	4.6	4.5	4.9
ASTHMA	493	1615	1419	196	2.0	2.2	1.2	5154	4573	581	3.2	3.2	3.0
DIGESTIVE SYSTEM DISEASES	520-579	10181	7951	2230	12.5	12.3	13.6	43522	33670	9852	4.3	4.2	4.4
APPENDICITIS	540-543	989	684	305	1.2	1.1	1.9	4276	3104	1172	4.3	4.5	3.8
GASTROENTERITIS, COLITIS	558	983	901	82	1.2	1.4	0.5	2479	2246	233	2.5	2.5	2.8
ALCOHOLIC LIVER DISEASE	571.0-571.3	532	380	152	0.7	0.6	0.9	4253	3301	952	8.0	8.7	6.3
GALL BLADDER DISEASE	574.0-574.2, 575	2660	2214	446	3.3	3.4	2.7	9078	7478	1600	3.4	3.4	3.6
GENITOURINARY SYSTEM DISEASES	580-629	4835	4028	807	6.0	6.2	4.9	19155	16185	2970	4.0	4.0	3.7
URINARY SYSTEM DISEASES	580-599	2804	2343	461	3.5	3.6	2.8	12012	10149	1863	4.3	4.3	4.0
FEMALE GENITAL TRACT DISEASES	614-629	1615	1344	271	2.0	2.1	1.7	5688	4826	862	3.5	3.6	3.2

TABLE 3 . NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS,
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996 (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBRTH/PUERPERIUM	630-676	14570	13347	1223	18.0	20.6	7.5	34722	31816	2906	2.4	2.4	2.4
SPONTANEOUS ABORTION	634	265	240	25	0.3	0.4	0.2	332	286	46	1.3	1.2	1.8
FALSE LABOR	644.10, 644.13	163	157	6	0.2	0.2	0.0	291	285	6	1.8	1.8	1.0
OTHER COMPLICATIONS OF PREGNANCY		2434	2307	127	3.0	3.6	0.8	5580	5239	321	2.3	2.3	2.5
NORMAL DELIVERY	650	1705	1559	146	2.1	2.4	0.9	2953	2731	222	1.7	1.8	1.5
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	2751	2609	142	3.4	4.0	0.9	5786	5552	234	2.1	2.1	1.6
OTHER COMPLICATIONS OF DELIVERY		6605	5899	706	8.1	9.1	4.3	18321	16422	1899	2.8	2.8	2.7
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE*	680-709	3151	2792	359	3.9	4.3	2.2	19058	16596	2462	6.0	5.9	6.9
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	2215	1960	255	2.7	3.0	1.6	12575	10914	1661	5.7	5.6	6.5
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	2010	1364	646	2.5	2.1	3.9	11386	8551	2835	5.7	6.3	4.4
CONGENITAL ANOMALIES	740-759	261	182	79	0.3	0.3	0.5	1139	813	326	4.4	4.5	4.1
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	657	595	62	0.8	0.9	0.4	3111	2571	540	4.7	4.3	8.7
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	785	71	59	12	0.1	0.1	0.1	1151	941	210	16.2	15.9	17.5
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	5331	4426	905	6.6	6.8	5.5	14842	12417	2425	2.8	2.8	2.7
CONVULSIONS	780.3	636	525	111	0.8	0.8	0.7	1556	1267	289	2.4	2.4	2.6
ABDOMINAL PAIN	789.0	856	717	139	1.1	1.1	0.8	2117	1726	391	2.5	2.4	2.8
INJURIES AND POISONINGS	800-999	7740	4998	2742	9.5	7.7	16.7	36785	22486	14299	4.8	4.5	5.2
FRACTURES, ALL SITES	800-828	2406	1324	1082	3.0	2.0	6.6	13739	7689	6050	5.7	5.8	5.6
DISLOCATIONS, SPRAINS	830-848	259	158	101	0.3	0.2	0.6	721	415	306	2.8	2.6	3.0
LACERATIONS, OPEN WOUNDS	870-897	908	638	270	1.1	1.0	1.6	3228	2139	1089	3.6	3.4	4.0
SUPERFICIAL INJURY, CONTUSIONS	910-929	478	417	61	0.6	0.6	0.4	1367	1135	232	2.9	2.7	3.8
BURNS	940-949	231	172	59	0.3	0.3	0.4	2055	1375	680	8.9	8.0	11.5
POISONINGS	960-979	829	614	215	1.0	0.9	1.3	1831	1195	636	2.2	1.9	3.0
SUPPLEMENTARY CLASSIFICATION	V01-V82	1436	1197	239	1.8	1.8	1.5	8149	6034	2115	5.7	5.0	8.8
HEALTHY INFANT CHILD CARE	V20.1	55	54	1	0.1	0.1	0.0	94	92	2	1.7	1.7	2.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	101	91	10	0.1	0.1	0.1	161	139	22	1.6	1.5	2.2
STERILIZATION	V25.2	129	125	4	0.2	0.2	0.0	153	149	4	1.2	1.2	1.0
AFTERCARE	V51, V54, V56-V58, V66	582	416	166	0.7	0.6	1.0	5113	3218	1895	8.8	7.7	11.4

TABLE 4 . NUMBER OF DISCHARGES BY PRINCIPAL DIAGNOSIS AND AGE GROUP
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	TOTAL	UNDER 1 YR	A G E G R O U P S										75 AND OVER
				1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	
TOTAL, EXCLUDING NEWBORN		81161	4844	4134	2133	2037	5413	7605	14209	11031	8809	8360	6556	6030
INFECTIOUS AND PARASITIC DISEASES	001-139	1827	275	188	120	78	86	71	173	197	183	198	137	121
INTESTINAL INFECTIOUS DISEASES	001-009	492	67	91	40	21	20	27	33	34	40	49	34	36
TUBERCULOSIS, ALL FORMS	010-018	96	0	1	2	1	2	0	6	17	17	21	19	10
NEOPLASMS	140-239	2022	5	17	10	11	21	36	139	334	427	423	353	246
MALIGNANT NEOPLASMS	140-208	1323	4	12	4	1	4	12	52	133	242	352	294	213
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	3697	115	107	107	90	105	107	326	530	639	653	490	428
DIABETES MELLITUS	250	2186	0	2	11	58	59	67	202	367	489	489	299	183
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	625	13	36	37	28	18	15	59	83	78	82	97	79
MENTAL DISORDERS	290-319	3547	1	1	7	118	330	261	935	993	470	219	118	96
ALCOHOLIC PSYCHOSES	291	693	0	0	0	0	2	13	184	279	128	56	26	4
OTHER PSYCHOSES	290, 292-299	744	1	0	2	33	106	80	169	133	68	47	28	77
ALCOHOL DEPENDENCE SYNDROME	303	1058	0	0	0	3	33	64	301	359	179	80	36	3
NON-DEPENDENT ALCOHOL ABUSE	305.0	284	0	0	0	15	58	28	64	74	30	13	3	1
DISEASES OF THE NERVOUS SYS. & SENSE ORGANS	320-389	1458	105	169	121	87	32	62	168	175	181	136	114	108
OTITIS MEDIA	381.0-381.4, 382	280	51	98	48	20	4	7	18	14	10	10	0	0
CIRCULATORY SYSTEM DISEASES	390-459	6365	15	11	15	27	17	44	235	570	1114	1604	1444	1269
HYPERTENSIVE DISEASE	401-405	320	0	0	1	1	1	5	26	44	42	88	69	63
ISCHEMIC HEART DISEASE	410-414	2159	0	1	0	0	0	2	28	203	516	676	432	301
OTHER HEART DISEASE	415-429	2194	10	7	4	21	11	18	100	118	256	487	530	582
RESPIRATORY SYSTEM DISEASES	460-519	11448	2406	2223	588	353	311	259	607	658	765	1014	992	1272
UPPER RESPIRATORY DISEASES	460-478	3019	1306	578	138	138	158	117	178	135	85	69	51	66
PNEUMONIA	480-486	4920	809	1063	240	79	78	68	244	281	340	438	478	802
ASTHMA	493	1615	183	448	159	113	48	47	95	123	151	133	78	37
DIGESTIVE SYSTEM DISEASES	520-579	10181	293	344	299	356	494	723	1701	1860	1493	1200	778	640
APPENDICITIS	540-543	989	0	21	131	204	165	108	163	89	61	28	14	5
GASTROENTERITIS, COLITIS	558	983	225	148	70	50	46	37	91	75	82	64	53	62
ALCOHOLIC LIVER DISEASE	571.0-571.3	532	0	0	0	0	0	2	114	166	154	76	15	5
GALL BLADDER DISEASE	574.0-574.2, 575	2660	0	0	1	25	157	349	679	525	370	298	162	94
GENITOURINARY SYSTEM DISEASES	580-629	4835	154	119	104	95	214	286	770	931	732	559	430	441
URINARY SYSTEM DISEASES	580-599	2804	154	112	94	67	110	142	338	371	375	340	321	380
FEMALE GENITAL TRACT DISEASES	614-629	1615	0	0	1	16	91	118	377	479	283	154	66	30

TABLE 4 . NUMBER OF DISCHARGES BY PRINCIPAL DIAGNOSIS AND AGE GROUP
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996 (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	TOTAL	UNDER 1 YR	A G E G R O U P S											75 AND OVER
				1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74		
COMPLICATIONS-PREGNANCY/CHILDBRTH/PUERPERIUM	630-676	14570	0	0	0	52	2715	4430	5933	1431	9	0	0	0	
SPONTANEOUS ABORTION	634	285	0	0	0	1	45	66	114	38	1	0	0	0	
FALSE LABOR	644.10, 644.13	163	0	0	0	2	29	61	61	10	0	0	0	0	
OTHER COMPLICATIONS OF PREGNANCY		2434	0	0	0	10	442	713	943	325	1	0	0	0	
NORMAL DELIVERY	650	1705	0	0	0	4	302	552	732	115	0	0	0	0	
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	2751	0	0	0	7	655	865	1003	220	1	0	0	0	
OTHER COMPLICATIONS OF DELIVERY		6605	0	0	0	23	1134	1986	2808	648	6	0	0	0	
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	3151	32	154	130	127	111	154	463	560	550	424	255	191	
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	2215	18	99	94	88	81	119	346	410	397	276	174	115	
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	2010	9	40	39	61	62	92	251	381	371	341	230	133	
CONGENITAL ANOMALIES	740-759	281	82	43	21	24	13	5	25	20	11	8	3	6	
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	657	654	3	0	0	0	0	0	0	0	0	0	0	
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	71	71	0	0	0	0	0	0	0	0	0	0	0	
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	5331	438	275	144	128	135	154	493	764	891	788	611	510	
CONVULSIONS	780.3	636	54	94	28	14	24	25	104	107	66	48	46	26	
ABDOMINAL PAIN	789.0	856	3	15	49	73	64	72	157	182	110	69	41	41	
INJURIES AND POISONINGS	800-999	7740	76	373	368	387	695	770	1573	1299	753	594	434	418	
FRACTURES, ALL SITES	800-828	2406	22	76	132	128	172	224	461	389	231	184	169	218	
DISLOCATIONS, SPRAINS	830-848	259	0	1	8	8	32	38	57	50	28	21	10	8	
LACERATIONS, OPEN WOUNDS	870-897	908	2	39	56	50	102	137	236	157	68	34	17	10	
SUPERFICIAL INJURY, CONTUSIONS	910-929	478	4	28	30	24	30	51	108	88	48	23	18	26	
BURNS	940-949	231	7	33	16	18	15	8	38	33	23	20	13	7	
POISONINGS	960-979	829	0	56	9	54	152	95	185	148	61	34	20	15	
SUPPLEMENTARY CLASSIFICATION	V01-V82	1436	171	31	23	17	54	136	358	245	142	117	70	72	
HEALTHY INFANT CHILD CARE	V20.1	55	54	0	1	0	0	0	0	0	0	0	0	0	
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	101	0	0	0	0	17	34	42	8	0	0	0	0	
STERILIZATION	V25.2	129	0	0	0	0	0	19	69	40	1	0	0	0	
AFTERCARE	V51, V54, V56-V58, V66	582	6	9	11	10	21	24	99	87	108	102	54	51	

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[illegible]

TABLE 5 . NUMBER OF PEDIATRIC DISCHARGES BY PRINCIPAL DIAGNOSIS, AGE GROUP AND SEX
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996 (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	TOTAL PEDIATRIC		UNDER 28 DAYS		AGE GROUPS 28 DAYS-11 MTHS		1-4 YEARS		5-9 YEARS		10-14 YEARS	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COMPLICATIONS-PREGNANCY/CHILDBRTH/PUERPERIUM	630-676	0	52	0	0	0	0	0	0	0	0	0	52
SPONTANEOUS ABORTION	634	0	1	0	0	0	0	0	0	0	0	0	1
FALSE LABOR	644.10, 644.13	0	2	0	0	0	0	0	0	0	0	0	2
OTHER COMPLICATIONS OF PREGNANCY		0	10	0	0	0	0	0	0	0	0	0	10
NORMAL DELIVERY	650	0	4	0	0	0	0	0	0	0	0	0	4
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	0	7	0	0	0	0	0	0	0	0	0	7
OTHER COMPLICATIONS OF DELIVERY		0	23	0	0	0	0	0	0	0	0	0	23
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	251	192	1	0	20	11	70	84	77	53	83	44
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	176	121	1	0	9	6	47	52	63	31	56	32
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	87	62	1	1	2	5	22	18	28	11	34	27
CONGENITAL ANOMALIES	740-759	110	60	22	11	28	21	33	10	13	8	14	10
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	385	272	344	245	40	25	1	2	0	0	0	0
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	42	29	31	27	11	2	0	0	0	0	0	0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	535	450	14	15	209	200	167	108	80	64	65	63
CONVULSIONS	780.3	110	80	0	0	29	25	57	37	14	14	10	4
ABDOMINAL PAIN	789.0	67	73	0	0	1	2	10	5	25	24	31	42
INJURIES AND POISONINGS	800-999	711	493	4	4	39	29	219	154	223	145	226	161
FRACTURES, ALL SITES	800-828	218	140	1	1	12	8	42	34	80	52	83	45
DISLOCATIONS, SPRAINS	830-848	9	8	0	0	0	0	0	1	5	3	4	4
LACERATIONS, OPEN WOUNDS	870-897	80	67	1	0	1	0	22	17	27	29	29	21
SUPERFICIAL INJURY, CONTUSIONS	910-929	53	33	0	0	2	2	19	9	16	14	16	8
BURNS	940-949	48	26	0	0	5	2	20	13	13	3	10	8
POISONINGS	960-979	51	68	0	0	0	0	34	22	5	4	12	42
SUPPLEMENTARY CLASSIFICATION	V01-V82	134	108	87	62	6	16	16	15	14	9	11	6
HEALTHY INFANT CHILD CARE	V20.1	28	27	28	21	0	5	0	0	0	1	0	0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	0	0	0	0	0	0	0	0	0	0	0	0
STERILIZATION	V25.2	0	0	0	0	0	0	0	0	0	0	0	0
AFTERCARE	V51, V54, V56-V58, V66	23	13	3	1	0	2	6	3	8	3	6	4

TABLE 6 . NUMBER OF ADULT DISCHARGES BY PRINCIPAL DIAGNOSIS, AGE GROUP AND SEX
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	TOTAL MALE	ADULT FEMALE	15-24 YEARS		25-34 YEARS		35-44 YEARS		45-54 YEARS		55-64 YEARS		65 AND OVER	
				MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL, EXCLUDING NEWBORN		25202	42811	2849	10169	4125	10084	4759	6272	4082	4727	3800	4560	5587	6999
INFECTIOUS AND PARASITIC DISEASES	001-139	554	612	71	86	87	86	109	88	90	93	73	125	124	134
INTESTINAL INFECTIOUS DISEASES	001-009	93	180	21	26	12	21	14	20	10	30	9	40	27	43
TUBERCULOSIS, ALL FORMS	010-018	65	27	1	1	4	2	13	4	11	6	12	9	24	5
NEOPLASMS	140-239	652	1327	18	39	18	121	50	284	97	330	189	234	280	319
MALIGNANT NEOPLASMS	140-208	555	747	10	6	10	42	33	100	80	182	170	182	252	255
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	1499	1779	106	106	205	121	276	254	287	352	289	384	356	562
DIABETES MELLITUS	250	1049	1066	62	64	136	66	213	154	231	238	197	272	210	272
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	226	485	11	22	26	33	34	49	35	43	45	37	75	101
MENTAL DISORDERS	290-319	2146	1276	325	266	596	339	666	327	316	154	141	78	102	112
ALCOHOLIC PSYCHOSES	291	548	145	10	5	156	28	223	56	95	34	43	13	21	9
OTHER PSYCHOSES	290, 292-299	330	378	105	81	79	90	60	73	33	35	17	30	36	69
ALCOHOL DEPENDENCE SYNDROME	303	776	279	69	28	207	94	269	90	134	45	64	16	33	6
NON-DEPENDENT ALCOHOL ABUSE	305.0	181	88	45	39	39	25	61	13	24	6	9	4	3	1
DISEASES OF THE NERVOUS SYS. & SENSE ORGANS	320-389	441	535	47	47	77	91	75	100	77	104	67	69	98	124
OTITIS MEDIA	381.0-381.4, 382	22	41	7	4	4	14	3	11	3	7	5	5	0	0
CIRCULATORY SYSTEM DISEASES	390-459	3409	2888	35	26	141	94	372	198	688	428	856	748	1317	1396
HYPERTENSIVE DISEASE	401-405	139	179	2	4	19	7	27	17	20	22	29	39	42	90
ISCHEMIC HEART DISEASE	410-414	1335	823	2	0	19	9	161	42	371	145	395	281	387	346
OTHER HEART DISEASE	415-429	1092	1060	20	9	61	39	72	46	152	104	238	249	549	613
RESPIRATORY SYSTEM DISEASES	460-519	2589	3289	279	291	286	321	293	365	283	482	428	588	1022	1242
UPPER RESPIRATORY DISEASES	460-478	346	513	121	154	68	110	60	75	25	60	27	42	45	72
PNEUMONIA	480-486	1278	1451	84	62	135	109	159	122	138	202	180	258	582	698
ASTHMA	493	198	514	39	56	30	65	17	106	43	108	38	95	31	84
DIGESTIVE SYSTEM DISEASES	520-579	3789	5100	438	779	687	1014	873	987	678	815	528	672	585	833
APPENDICITIS	540-543	349	284	159	114	87	76	43	46	29	32	19	9	12	7
GASTROENTERITIS, COLITIS	558	162	328	40	43	27	64	30	45	21	41	9	55	35	80
ALCOHOLIC LIVER DISEASE	571.0-571.3	295	237	2	0	76	38	81	85	79	75	46	30	11	9
GALL BLADDER DISEASE	574.0-574.2, 575	596	2038	55	451	92	587	127	398	105	265	105	193	112	144
GENITOURINARY SYSTEM DISEASES	580-629	972	3391	39	461	115	655	151	780	168	564	152	407	347	524
URINARY SYSTEM DISEASES	580-599	734	1643	25	227	90	248	111	260	120	255	108	232	280	421
FEMALE GENITAL TRACT DISEASES	614-629	1	1597	0	209	0	377	1	478	0	283	0	154	0	96

TABLE 6 . NUMBER OF ADULT DISCHARGES BY PRINCIPAL DIAGNOSIS, AGE GROUP AND SEX
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996 (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	TOTAL		15-24 YEARS		25-34 YEARS		35-44 YEARS		45-54 YEARS		55-64 YEARS		65 AND OVER	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	3	14515	0	7145	2	5931	1	1430	0	9	0	0	0	0
SPONTANEOUS ABORTION	634	0	264	0	111	0	114	0	38	0	1	0	0	0	0
FALSE LABOR	644.10, 644.13	0	161	0	90	0	61	0	10	0	0	0	0	0	0
OTHER COMPLICATIONS OF PREGNANCY		1	2423	0	1155	1	942	0	325	0	1	0	0	0	0
NORMAL DELIVERY	650	0	1701	0	854	0	732	0	115	0	0	0	0	0	0
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	1	2743	0	1520	1	1002	0	220	0	1	0	0	0	0
OTHER COMPLICATIONS OF DELIVERY		1	6581	0	3120	0	2808	1	647	0	6	0	0	0	0
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE *	680-709	1521	1187	179	86	301	162	339	221	298	252	199	225	205	241
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	1116	802	144	56	233	113	254	156	209	188	144	132	132	157
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	902	959	101	53	121	130	218	163	162	209	140	201	160	203
CONGENITAL ANOMALIES	740-759	37	54	7	11	10	15	9	11	2	9	4	4	5	4
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	1995	2351	129	160	246	247	371	393	406	485	361	427	482	639
CONVULSIONS	780.3	290	156	27	22	74	30	76	31	42	24	32	16	39	33
ABDOMINAL PAIN	789.0	217	499	52	84	42	115	44	118	34	76	22	47	23	59
INJURIES AND POISONINGS	800-999	3952	2584	994	471	1051	522	823	476	420	333	304	290	360	492
FRACTURES, ALL SITES	800-828	1266	782	321	75	324	137	273	116	131	100	89	95	128	259
DISLOCATIONS, SPRAINS	830-848	144	98	43	27	39	18	31	19	14	12	12	9	5	13
LACERATIONS, OPEN WOUNDS	870-897	599	162	192	47	194	42	124	33	51	17	23	11	15	12
SUPERFICIAL INJURY, CONTUSIONS	910-929	234	158	45	36	73	35	60	28	25	23	12	11	19	25
BURNS	940-949	117	40	20	3	31	7	24	9	18	5	12	8	12	8
POISONINGS	960-979	249	461	75	172	72	113	56	92	20	41	10	24	16	19
SUPPLEMENTARY CLASSIFICATION	V01-V82	515	679	70	120	156	202	99	146	75	67	46	71	69	73
HEALTHY INFANT CHILD CARE	V20.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	0	101	0	51	0	42	0	8	0	0	0	0	0	0
STERILIZATION	V25.2	18	111	2	17	9	60	7	33	0	1	0	0	0	0
AFTERCARE	V51, V54, V56-V58, V66	275	271	23	22	65	34	38	49	59	49	40	62	50	55

Table 7.
Number and Percent of All-Listed Procedures by Type and Hospital Ownership
IHS and Tribal Direct and Contract General Hospitals, FY 1996

<u>Procedure Category and ICD-9-CM Code</u>	<u>Number of Procedures</u>			<u>Percent Distribution</u>		
	<u>Total</u>	<u>Direct</u>	<u>Contract</u>	<u>Total</u>	<u>Direct</u>	<u>Contract</u>
<u>All Procedures</u>	<u>115,224</u>	<u>96,465</u>	<u>18,759</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Nervous System, 01-05	1,599	1,097	502	1.4	1.1	2.7
Endocrine System, 06-07	110	69	41	0.1	0.1	0.2
Eye, 08-16	566	411	155	0.5	0.4	0.8
Ear, 18-20	554	519	35	0.5	0.5	0.2
Nose, Mouth, Pharynx, 21-29	1,580	1,380	200	1.4	1.4	1.1
Respiratory System, 30-34	1,013	565	448	0.9	0.6	2.4
Cardiovascular System, 35-39	4,413	1,078	3,335	3.8	1.1	17.8
Hemic & Lymphatic System, 40-41	291	163	128	0.3	0.2	0.7
Digestive System, 42-54	9,995	7,122	2,873	8.7	7.4	15.3
Urinary System, 55-59	1,360	1,024	336	1.2	1.1	1.8
Male Genital Organs, 60-64	1,086	793	293	0.9	0.8	1.6
Female Genital Organs, 65-71	4,195	3,580	615	3.6	3.7	3.3
Obstetrical Procedures, 72-75	20,398	19,071	1,327	17.7	19.8	7.1
Musculoskeletal System, 76-84	4,789	2,629	2,160	4.2	2.7	11.5
Integumentary System, 85-86	3,574	2,553	1,021	3.1	2.6	5.4
Misc. Diagnostic & Therapeutic Procedures, 87-99	59,701	54,411	5,290	51.8	56.4	28.2

TABLE 8.
Number of All-Listed Procedures by Type and Age
IHS and Tribal Direct and Contract General Hospitals, FY 1996

<u>Procedure Category and ICD-9-CM Code</u>	<u>All IHS Areas</u>	<u>Number of Procedures</u>			
		<u><15</u>	<u>15-44</u>	<u>45-64</u>	<u>65+</u>
<u>All Procedures</u>	<u>115,224</u>	<u>21,055</u>	<u>53,723</u>	<u>23,083</u>	<u>17,363</u>
Nervous System, 01-05	1,599	742	461	242	154
Endocrine System, 06-07	110	3	43	56	8
Eye, 08-16	566	43	144	166	213
Ear, 18-20	554	245	214	86	9
Nose, Mouth, Pharynx, 21-29	1,580	574	710	214	82
Respiratory System, 30-34	1,013	71	349	317	276
Cardiovascular System, 35-39	4,413	233	887	2,035	1,258
Hemic & Lymphatic System, 40-41	291	14	78	127	72
Digestive System, 42-54	9,995	609	4,907	2,867	1,612
Urinary System, 55-59	1,360	113	430	466	351
Male Genital Organs, 60-64	1,086	812	84	91	99
Female Genital Organs, 65-71	4,195	16	3,062	928	189
Obstetrical Procedures, 72-75	20,398	66	20,315	17	0
Musculoskeletal System, 76-84	4,789	441	2,454	1,263	631
Integumentary System, 85-86	3,574	290	1,778	1,075	431
Misc. Diagnostic & Therapeutic Procedures, 87-99	59,701	16,783	17,807	13,133	11,978

TABLE 9.
Number of Discharges, Hospital Days and Average Length of Stay (ALOS) by Area
IHS and Tribal Direct and Contract General Hospitals, FY 1996
U.S. Non-Federal Short Stay Hospitals, CY 1996

	<u>Number of Discharges</u>			<u>Hospital Days</u>			<u>Average Length of Stay</u>		
	<u>Total</u>	<u>Direct</u>	<u>Contract</u>	<u>Total</u>	<u>Direct</u>	<u>Contract</u>	<u>Total</u>	<u>Direct</u>	<u>Contract</u>
<u>All Areas</u>	<u>81,161</u>	<u>64,748</u>	<u>16,413</u>	<u>344,171</u>	<u>263,503</u>	<u>80,668</u>	<u>4.2</u>	<u>4.1</u>	<u>4.9</u>
Aberdeen	9,161	5,922	3,239	38,400	22,845	15,555	4.2	3.9	4.8
Alaska	11,710	11,425	285	57,657	56,229	1,428	4.9	4.9	5.0
Albuquerque	4,608	3,393	1,215	20,178	14,747	5,431	4.4	4.3	4.5
Bemidji	1,931	956	975	6,613	3,029	3,584	3.4	3.2	3.7
Billings	5,561	3,202	2,359	21,237	9,923	11,314	3.8	3.1	4.8
Nashville	2,476	1,529	947	14,549	9,453	5,096	5.9	6.2	5.4
Navajo	20,675	18,822	1,853	76,223	66,772	9,451	3.7	3.5	5.1
Oklahoma	12,911	10,358	2,553	50,943	36,028	14,915	3.9	3.5	5.8
Phoenix	9,653	8,199	1,454	46,245	38,873	7,372	4.8	4.7	5.1
Portland	1,245	0	1,245	5,167	0	5,167	4.2	0.0	4.2
Tucson	1,145	942	203	6,621	5,604	1,017	5.8	5.9	5.0
Unknown	85	0	85	338	0	338	4.0	0.0	4.0

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR ABERDEEN AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		9161	5922	3239	100.0	100.0	100.0	38400	22845	15555	4.2	3.9	4.8
INFECTIOUS AND PARASITIC DISEASES	001-139	202	128	74	2.2	2.2	2.3	944	488	456	4.7	3.8	6.2
INTESTINAL INFECTIOUS DISEASES	001-009	52	36	16	0.6	0.6	0.5	143	101	42	2.8	2.8	2.6
TUBERCULOSIS, ALL FORMS	010-018	7	6	1	0.1	0.1	0.0	55	53	2	7.9	8.8	2.0
NEOPLASMS	140-239	193	98	95	2.1	1.7	2.9	1286	648	638	6.7	6.6	6.7
MALIGNANT NEOPLASMS	140-208	136	68	68	1.5	1.1	2.1	1065	556	509	7.8	8.2	7.5
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	417	290	127	4.6	4.9	3.9	1814	1075	739	4.4	3.7	5.8
DIABETES MELLITUS	250	269	171	98	2.9	2.9	3.0	1341	686	655	5.0	4.0	6.7
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	83	61	22	0.9	1.0	0.7	301	214	87	3.6	3.5	4.0
MENTAL DISORDERS	290-319	701	424	277	7.7	7.2	8.6	5595	4469	1126	8.0	10.5	4.1
ALCOHOLIC PSYCHOSES	291	82	59	23	0.9	1.0	0.7	275	204	71	3.4	3.5	3.1
OTHER PSYCHOSES	290, 292-299	188	85	103	2.1	1.4	3.2	1502	987	515	8.0	11.6	5.0
ALCOHOL DEPENDENCE SYNDROME	303	206	173	33	2.2	2.9	1.0	2762	2656	106	13.4	15.4	3.2
NON-DEPENDENT ALCOHOL ABUSE	305.0	23	18	5	0.3	0.3	0.2	54	27	27	2.3	1.5	5.4
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	174	132	42	1.9	2.2	1.3	776	454	322	4.5	3.4	7.7
OTITIS MEDIA	381.0-381.4, 382	54	54	0	0.6	0.9	0.0	95	95	0	1.8	1.8	0.0
CIRCULATORY SYSTEM DISEASES	390-459	818	390	428	8.9	6.6	13.2	3957	1453	2504	4.8	3.7	5.9
HYPERTENSIVE DISEASE	401-405	28	19	9	0.3	0.3	0.3	67	35	32	2.4	1.8	3.6
ISCHEMIC HEART DISEASE	410-414	336	130	206	3.7	2.2	6.4	1488	364	1124	4.4	2.8	5.5
OTHER HEART DISEASE	415-429	271	170	101	3.0	2.9	3.1	1299	672	627	4.8	4.0	6.2
RESPIRATORY SYSTEM DISEASES	460-519	1390	1088	302	15.2	18.4	9.3	5163	3723	1440	3.7	3.4	4.8
UPPER RESPIRATORY DISEASES	460-478	240	190	50	2.6	3.2	1.5	601	450	151	2.5	2.4	3.0
PNEUMONIA	480-486	667	500	167	7.3	8.4	5.2	2796	1930	866	4.2	3.9	5.2
ASTHMA	493	146	125	21	1.6	2.1	0.6	380	322	58	2.6	2.6	2.8
DIGESTIVE SYSTEM DISEASES	520-579	1013	597	416	11.1	10.1	12.8	3655	1751	1904	3.6	2.9	4.6
APPENDICITIS	540-543	95	14	81	1.0	0.2	2.5	422	44	378	4.4	3.1	4.7
GASTROENTERITIS, COLITIS	558	165	140	25	1.8	2.4	0.8	321	258	63	1.9	1.8	2.5
ALCOHOLIC LIVER DISEASE	571.0-571.3	86	65	21	0.9	1.1	0.6	482	350	132	5.6	5.4	6.3
GALL BLADDER DISEASE	574.0-574.2, 575	143	71	72	1.6	1.2	2.2	422	145	277	3.0	2.0	3.8
GENITOURINARY SYSTEM DISEASES	580-629	480	341	139	5.2	5.8	4.3	1688	1148	540	3.5	3.4	3.9
URINARY SYSTEM DISEASES	580-599	306	229	77	3.3	3.9	2.4	1212	881	331	4.0	3.8	4.3
FEMALE GENITAL TRACT DISEASES	614-629	109	69	40	1.2	1.2	1.2	312	170	142	2.9	2.5	3.6

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR ABERDEEN AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	1082	801	281	11.8	13.5	8.7	2737	2017	720	2.5	2.5	2.6
SPONTANEOUS ABORTION	834	49	45	4	0.5	0.8	0.1	59	49	10	1.2	1.1	2.5
FALSE LABOR	644.10, 644.13	36	36	0	0.4	0.6	0.0	65	65	0	1.8	1.8	0.0
OTHER COMPLICATIONS OF PREGNANCY		175	144	31	1.9	2.4	1.0	460	373	87	2.6	2.6	2.8
NORMAL DELIVERY	650	219	185	34	2.4	3.1	1.0	441	388	53	2.0	2.1	1.6
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	140	117	23	1.5	2.0	0.7	329	282	47	2.4	2.4	2.0
OTHER COMPLICATIONS OF DELIVERY		415	244	171	4.5	4.1	5.3	1264	791	473	3.0	3.2	2.8
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	432	343	89	4.7	5.8	2.7	2238	1735	503	5.2	5.1	5.7
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	303	241	62	3.3	4.1	1.9	1459	1168	291	4.8	4.8	4.7
DISEASES-MUSCULOSKEL. SYS AND CONNECT TISSUE	710-739	234	123	111	2.6	2.1	3.4	1230	686	544	5.3	5.6	4.9
CONGENITAL ANOMALIES	740-759	28	14	14	0.3	0.2	0.4	122	47	75	4.4	3.4	5.4
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	63	46	17	0.7	0.8	0.5	257	101	156	4.1	2.2	9.2
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	2	0	2	0.0	0.0	0.1	49	0	49	24.5	0.0	24.5
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	592	493	199	7.6	8.3	6.1	1633	1100	533	2.4	2.2	2.7
CONVULSIONS	780.3	111	85	26	1.2	1.4	0.8	266	200	66	2.4	2.4	2.5
ABDOMINAL PAIN	789.0	99	61	38	1.1	1.0	1.2	230	125	105	2.3	2.0	2.8
INJURIES AND POISONINGS	800-999	1035	461	574	11.3	7.8	17.7	4284	1287	2997	4.1	2.8	5.2
FRACTURES, ALL SITES	800-828	284	72	212	3.1	1.2	6.5	1550	254	1296	5.5	3.5	6.1
DISLOCATIONS, SPRAINS	830-848	37	13	24	0.4	0.2	0.7	111	42	69	3.0	3.2	2.9
LACERATIONS, OPEN WOUNDS	870-897	106	45	61	1.2	0.8	1.9	370	147	223	3.5	3.3	3.7
SUPERFICIAL INJURY, CONTUSIONS	910-929	86	77	9	0.9	1.3	0.3	174	160	14	2.0	2.1	1.6
BURNS	940-949	32	24	8	0.3	0.4	0.2	190	131	59	5.9	5.5	7.4
POISONINGS	960-979	167	105	62	1.8	1.8	1.9	317	149	168	1.9	1.4	2.7
SUPPLEMENTARY CLASSIFICATION	V01-V82	124	92	32	1.4	1.6	1.0	720	449	271	5.8	4.9	8.5
HEALTHY INFANT CHILD CARE	V20.1	1	1	0	0.0	0.0	0.0	3	3	0	3.0	3.0	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	9	9	0	0.1	0.2	0.0	9	9	0	1.0	1.0	0.0
STERILIZATION	V25.2	26	26	0	0.3	0.4	0.0	28	28	0	1.1	1.1	0.0
AFTERCARE	V51, V54, V56-V58, V66	46	29	17	0.5	0.5	0.5	426	234	192	9.3	8.1	11.3

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR ALASKA AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		11710	11425	285	100.0	100.0	100.0	57657	56229	1428	4.9	4.9	5.0
INFECTIOUS AND PARASITIC DISEASES	001-139	198	197	1	1.7	1.7	0.4	987	981	6	5.0	5.0	6.0
INTESTINAL INFECTIOUS DISEASES	001-009	35	35	0	0.3	0.3	0.0	126	126	0	3.6	3.6	0.0
TUBERCULOSIS, ALL FORMS	010-018	11	11	0	0.1	0.1	0.0	155	155	0	14.1	14.1	0.0
NEOPLASMS	140-239	398	374	24	3.4	3.3	8.4	4041	3843	198	10.2	10.3	8.3
MALIGNANT NEOPLASMS	140-208	282	258	24	2.4	2.3	8.4	3512	3314	198	12.5	12.8	8.3
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	232	231	1	2.0	2.0	0.4	1115	1113	2	4.8	4.8	2.0
DIABETES MELLITUS	250	50	50	0	0.4	0.4	0.0	337	337	0	6.7	6.7	0.0
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	70	67	3	0.6	0.6	1.1	290	279	11	4.1	4.2	3.7
MENTAL DISORDERS	290-319	735	730	5	6.3	6.4	1.8	3836	3827	9	5.2	5.2	1.8
ALCOHOLIC PSYCHOSES	291	101	98	3	0.9	0.9	1.1	479	476	3	4.7	4.9	1.0
OTHER PSYCHOSES	290, 292-299	140	140	0	1.2	1.2	0.0	993	993	0	7.1	7.1	0.0
ALCOHOL DEPENDENCE SYNDROME	303	242	242	0	2.1	2.1	0.0	1706	1706	0	7.0	7.0	0.0
NON-DEPENDENT ALCOHOL ABUSE	305.0	97	96	1	0.8	0.8	0.4	225	224	1	2.3	2.3	1.0
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	369	365	4	3.2	3.2	1.4	1681	1663	18	4.6	4.6	4.5
OTITIS MEDIA	381.0-381.4, 382	58	58	0	0.5	0.5	0.0	215	215	0	3.7	3.7	0.0
CIRCULATORY SYSTEM DISEASES	390-459	841	755	86	7.2	6.6	30.2	5426	5006	420	6.5	6.6	4.9
HYPERTENSIVE DISEASE	401-405	46	42	4	0.4	0.4	1.4	189	180	9	4.1	4.3	2.3
ISCHEMIC HEART DISEASE	410-414	220	166	54	1.9	1.5	18.9	901	640	261	4.1	3.9	4.8
OTHER HEART DISEASE	415-429	306	289	17	2.6	2.5	6.0	1989	1911	78	6.5	6.6	4.6
RESPIRATORY SYSTEM DISEASES	460-519	1687	1674	13	14.4	14.7	4.8	8023	7970	53	4.8	4.8	4.1
UPPER RESPIRATORY DISEASES	460-478	452	451	1	3.9	3.9	0.4	1379	1378	1	3.1	3.1	1.0
PNEUMONIA	480-486	748	740	8	6.4	6.5	2.8	3957	3927	30	5.3	5.3	3.8
ASTHMA	493	154	153	1	1.3	1.3	0.4	577	570	7	3.7	3.7	7.0
DIGESTIVE SYSTEM DISEASES	520-579	1130	1108	22	9.6	9.7	7.7	5967	5902	65	5.3	5.3	3.0
APPENDICITIS	540-543	137	135	2	1.2	1.2	0.7	581	577	4	4.2	4.3	2.0
GASTROENTERITIS, COLITIS	558	68	66	2	0.6	0.6	0.7	245	241	4	3.6	3.7	2.0
ALCOHOLIC LIVER DISEASE	571.0-571.3	34	32	2	0.3	0.3	0.7	469	463	6	13.8	14.5	3.0
GALL BLADDER DISEASE	574.0-574.2, 575	201	200	1	1.7	1.8	0.4	708	706	2	3.5	3.5	2.0
GENITOURINARY SYSTEM DISEASES	580-629	542	539	3	4.6	4.7	1.1	2556	2526	30	4.7	4.7	10.0
URINARY SYSTEM DISEASES	580-599	268	265	3	2.3	2.3	1.1	1290	1260	30	4.8	4.8	10.0
FEMALE GENITAL TRACT DISEASES	614-629	213	213	0	1.8	1.9	0.0	1017	1017	0	4.8	4.8	0.0

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR ALASKA AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBRTH/PUERPERIUM	630-676	2346	2320	26	20.0	20.3	9.1	6110	6062	48	2.8	2.6	1.8
SPONTANEOUS ABORTION	634	45	45	0	0.4	0.4	0.0	74	74	0	1.6	1.6	0.0
FALSE LABOR	644.10, 644.13	20	20	0	0.2	0.2	0.0	41	41	0	2.1	2.1	0.0
OTHER COMPLICATIONS OF PREGNANCY		353	352	1	3.0	3.1	0.4	942	939	3	2.7	2.7	3.0
NORMAL DELIVERY	650	145	144	1	1.2	1.3	0.4	226	225	1	1.6	1.6	1.0
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	315	310	5	2.7	2.7	1.8	639	634	5	2.0	2.0	1.0
OTHER COMPLICATIONS OF DELIVERY		1346	1329	17	11.5	11.6	6.0	3917	3880	37	2.9	2.9	2.2
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE*	680-709	308	305	3	2.6	2.7	1.1	1748	1732	16	5.7	5.7	5.3
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	210	210	0	1.8	1.8	0.0	1139	1139	0	5.4	5.4	0.0
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	453	446	7	3.9	3.9	2.5	3018	2998	20	6.7	6.7	2.9
CONGENITAL ANOMALIES	740-759	52	43	9	0.4	0.4	3.2	377	337	40	7.3	7.8	4.4
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	66	64	2	0.6	0.6	0.7	709	674	35	10.7	10.5	17.5
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	24	22	2	0.2	0.2	0.7	502	467	35	20.9	21.2	17.5
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	663	649	14	5.7	5.7	4.9	1777	1761	16	2.7	2.7	1.1
CONVULSIONS	780.3	90	88	2	0.8	0.8	0.7	215	213	2	2.4	2.4	1.0
ABDOMINAL PAIN	789.0	122	121	1	1.0	1.1	0.4	299	298	1	2.5	2.5	1.0
INJURIES AND POISONINGS	800-999	1440	1404	36	12.3	12.3	12.6	8861	8743	118	6.2	6.2	3.3
FRACTURES, ALL SITES	800-828	550	539	11	4.7	4.7	3.9	4179	4128	51	7.6	7.7	4.6
DISLOCATIONS, SPRAINS	830-848	59	59	0	0.5	0.5	0.0	147	147	0	2.5	2.5	0.0
LACERATIONS, OPEN WOUNDS	870-897	149	147	2	1.3	1.3	0.7	560	556	4	3.8	3.8	2.0
SUPERFICIAL INJURY, CONTUSIONS	910-929	70	70	0	0.6	0.6	0.0	213	213	0	3.0	3.0	0.0
BURNS	940-949	46	44	2	0.4	0.4	0.7	526	516	10	11.4	11.7	5.0
POISONINGS	960-979	115	108	7	1.0	0.9	2.5	272	260	12	2.4	2.4	1.7
SUPPLEMENTARY CLASSIFICATION	V01-V82	180	154	26	1.5	1.3	9.1	1135	812	323	6.3	5.3	12.4
HEALTHY INFANT CHILD CARE	V20.1	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	10	10	0	0.1	0.1	0.0	20	20	0	2.0	2.0	0.0
STERILIZATION	V25.2	6	6	0	0.1	0.1	0.0	10	10	0	1.7	1.7	0.0
AFTERCARE	V51, V54, V56-V58, V66	101	76	25	0.9	0.7	8.8	863	541	322	8.5	7.1	12.9

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR ALBUQUERQUE AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		4608	3393	1215	100.0	100.0	100.0	20178	14747	5431	4.4	4.3	4.5
INFECTIOUS AND PARASITIC DISEASES	001-139	138	116	22	3.0	3.4	1.8	475	353	122	3.4	3.0	5.5
INTESTINAL INFECTIOUS DISEASES	001-009	48	45	3	1.0	1.3	0.2	109	97	12	2.3	2.2	4.0
TUBERCULOSIS, ALL FORMS	010-018	1	1	0	0.0	0.0	0.0	11	11	0	11.0	11.0	0.0
NEOPLASMS	140-239	76	44	32	1.6	1.3	2.6	615	411	204	8.1	9.3	6.4
MALIGNANT NEOPLASMS	140-208	49	30	19	1.1	0.9	1.6	422	280	142	8.6	9.3	7.5
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	228	178	50	4.9	5.2	4.1	1657	1414	243	7.3	7.9	4.9
DIABETES MELLITUS	250	132	88	44	2.9	2.6	3.6	1164	948	216	8.8	10.8	4.9
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	27	20	7	0.6	0.6	0.6	94	67	27	3.5	3.4	3.9
MENTAL DISORDERS	290-319	269	212	57	5.8	6.2	4.7	921	729	192	3.4	3.4	3.4
ALCOHOLIC PSYCHOSES	291	81	60	21	1.8	1.8	1.7	291	238	53	3.6	4.0	2.5
OTHER PSYCHOSES	290, 292-299	46	31	15	1.0	0.9	1.2	221	137	84	4.8	4.4	5.6
ALCOHOL DEPENDENCE SYNDROME	303	78	69	9	1.7	2.0	0.7	243	218	25	3.1	3.2	2.8
NON-DEPENDENT ALCOHOL ABUSE	305.0	24	22	2	0.5	0.6	0.2	58	55	3	2.4	2.5	1.5
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	60	34	26	1.3	1.0	2.1	218	130	88	3.6	3.8	3.4
OTITIS MEDIA	381.0-381.4, 382	1	1	0	0.0	0.0	0.0	3	3	0	3.0	3.0	0.0
CIRCULATORY SYSTEM DISEASES	390-459	278	137	141	6.0	4.0	11.6	1752	1028	724	6.3	7.5	5.1
HYPERTENSIVE DISEASE	401-405	16	11	5	0.3	0.3	0.4	66	44	22	4.1	4.0	4.4
ISCHEMIC HEART DISEASE	410-414	64	8	56	1.4	0.2	4.6	268	18	250	4.2	2.3	4.5
OTHER HEART DISEASE	415-429	111	66	45	2.4	1.9	3.7	705	515	190	6.4	7.8	4.2
RESPIRATORY SYSTEM DISEASES	460-519	731	647	84	15.9	19.1	6.9	2923	2521	402	4.0	3.9	4.8
UPPER RESPIRATORY DISEASES	460-478	215	201	14	4.7	5.9	1.2	671	631	40	3.1	3.1	2.9
PNEUMONIA	480-486	312	277	35	6.8	8.2	2.9	1463	1309	154	4.7	4.7	4.4
ASTHMA	493	110	98	12	2.4	2.9	1.0	363	322	41	3.3	3.3	3.4
DIGESTIVE SYSTEM DISEASES	520-579	714	465	249	15.5	13.7	20.5	3055	2081	974	4.3	4.5	3.9
APPENDICITIS	540-543	49	23	26	1.1	0.7	2.1	213	102	111	4.3	4.4	4.3
GASTROENTERITIS, COLITIS	558	67	63	4	1.5	1.9	0.3	153	143	10	2.3	2.3	2.5
ALCOHOLIC LIVER DISEASE	571.0-571.3	58	38	20	1.3	1.1	1.6	467	377	90	8.1	9.9	4.5
GALL BLADDER DISEASE	574.0-574.2, 575	180	99	81	3.9	2.9	6.7	558	311	247	3.1	3.1	3.0
GENITOURINARY SYSTEM DISEASES	580-629	297	222	75	6.4	6.5	6.2	1125	856	269	3.8	3.9	3.6
URINARY SYSTEM DISEASES	580-599	207	167	40	4.5	4.9	3.3	776	619	157	3.7	3.7	3.9
FEMALE GENITAL TRACT DISEASES	614-629	65	39	26	1.4	1.1	2.1	201	133	68	3.1	3.4	2.6

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR ALBUQUERQUE AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	530	470	60	11.5	13.9	4.9	1161	1026	135	2.2	2.2	2.3
SPONTANEOUS ABORTION	634	4	2	2	0.1	0.1	0.2	8	2	4	1.5	1.0	2.0
FALSE LABOR	644.10, 644.13	3	3	0	0.1	0.1	0.0	5	5	0	1.7	1.7	0.0
OTHER COMPLICATIONS OF PREGNANCY		93	86	7	2.0	2.5	0.6	209	192	17	2.2	2.2	2.4
NORMAL DELIVERY	650	30	27	3	0.7	0.8	0.2	54	49	5	1.8	1.8	1.7
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	124	117	7	2.7	3.4	0.6	234	222	12	1.9	1.9	1.7
OTHER COMPLICATIONS OF DELIVERY		231	193	38	5.0	5.7	3.1	567	476	91	2.5	2.5	2.4
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	222	204	18	4.8	6.0	1.5	1392	1319	73	6.3	6.5	4.1
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	178	161	17	3.9	4.7	1.4	1110	1041	69	6.2	6.5	4.1
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	112	65	47	2.4	1.9	3.9	765	556	209	6.8	8.6	4.4
CONGENITAL ANOMALIES	740-759	11	7	4	0.2	0.2	0.3	34	23	11	3.1	3.3	2.8
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	35	33	2	0.8	1.0	0.2	139	120	19	4.0	3.6	9.5
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	3	3	0	0.1	0.1	0.0	58	58	0	19.3	19.3	0.0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	284	223	61	6.2	6.6	5.0	810	642	168	2.9	2.9	2.8
CONVULSIONS	780.3	38	31	7	0.8	0.9	0.6	92	79	13	2.4	2.5	1.9
ABDOMINAL PAIN	789.0	60	50	10	1.3	1.5	0.8	138	114	24	2.3	2.3	2.4
INJURIES AND POISONINGS	800-999	458	191	267	9.9	5.6	22.0	2187	718	1469	4.8	3.8	5.5
FRACTURES, ALL SITES	800-828	144	45	99	3.1	1.3	8.1	781	212	569	5.4	4.7	5.7
DISLOCATIONS, SPRAINS	830-848	13	4	9	0.3	0.1	0.7	62	14	48	4.8	3.5	5.3
LACERATIONS, OPEN WOUNDS	870-897	62	29	33	1.3	0.9	2.7	184	65	119	3.0	2.2	3.6
SUPERFICIAL INJURY, CONTUSIONS	910-929	21	15	6	0.5	0.4	0.5	101	29	72	4.8	1.9	12.0
BURNS	940-949	15	4	11	0.3	0.1	0.9	160	33	127	10.7	8.3	11.5
POISONINGS	960-979	33	23	10	0.7	0.7	0.8	69	52	17	2.1	2.3	1.7
SUPPLEMENTARY CLASSIFICATION	V01-V82	138	125	13	3.0	3.7	1.1	855	753	102	6.2	6.0	7.8
HEALTHY INFANT CHILD CARE	V20.1	13	13	0	0.3	0.4	0.0	21	21	0	1.6	1.6	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	13	12	1	0.3	0.4	0.1	18	17	1	1.4	1.4	1.0
STERILIZATION	V25.2	2	1	1	0.0	0.0	0.1	2	1	1	1.0	1.0	1.0
AFTERCARE	V51, V54, V56-V58, V66	82	75	7	1.8	2.2	0.6	774	680	94	9.4	9.1	13.4

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR BEMIOJI AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT
TOTAL, EXCLUDING NEWBORN		1931	956	975	100.0	100.0	100.0	6613	3029	3584	3.4	3.2	3.7
INFECTIOUS AND PARASITIC DISEASES	001-139	55	28	27	2.8	2.9	2.8	151	74	77	2.7	2.6	2.9
INTESTINAL INFECTIOUS DISEASES	001-009	15	12	3	0.8	1.3	0.3	37	31	6	2.5	2.6	2.0
TUBERCULOSIS, ALL FORMS	010-018	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
NEOPLASMS	140-239	54	24	30	2.8	2.5	3.1	311	138	173	5.8	5.8	5.8
MALIGNANT NEOPLASMS	140-208	45	23	22	2.3	2.4	2.3	288	137	151	6.4	6.0	6.9
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	121	82	39	6.3	8.6	4.0	471	301	170	3.9	3.7	4.4
DIABETES MELLITUS	250	63	43	20	3.3	4.5	2.1	251	137	114	4.0	3.2	5.7
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	16	11	5	0.8	1.2	0.5	62	43	19	3.9	3.9	3.8
MENTAL DISORDERS	290-319	96	51	45	5.0	5.3	4.6	275	118	157	2.9	2.3	3.5
ALCOHOLIC PSYCHOSES	291	28	8	18	1.3	0.8	1.8	83	28	57	3.2	3.3	3.2
OTHER PSYCHOSES	290, 292-299	14	6	8	0.7	0.6	0.8	47	15	32	3.4	2.5	4.0
ALCOHOL DEPENDENCE SYNDROME	303	25	18	7	1.3	1.9	0.7	72	41	31	2.9	2.3	4.4
NON-DEPENDENT ALCOHOL ABUSE	305.0	11	7	4	0.6	0.7	0.4	17	9	8	1.5	1.3	2.0
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	24	14	10	1.2	1.5	1.0	77	28	49	3.2	2.0	4.9
OTITIS MEDIA	381.0-381.4, 382	4	4	0	0.2	0.4	0.0	7	7	0	1.8	1.8	0.0
CIRCULATORY SYSTEM DISEASES	390-459	307	133	174	15.9	13.9	17.8	1120	431	689	3.6	3.2	4.0
HYPERTENSIVE DISEASE	401-405	6	3	3	0.3	0.3	0.3	19	6	13	3.2	2.0	4.3
ISCHEMIC HEART DISEASE	410-414	118	34	84	6.1	3.6	8.6	422	90	332	3.6	2.6	4.0
OTHER HEART DISEASE	415-429	121	72	49	6.3	7.5	5.0	406	254	152	3.4	3.5	3.1
RESPIRATORY SYSTEM DISEASES	460-519	281	174	107	14.6	18.2	11.0	1080	587	493	3.8	3.4	4.6
UPPER RESPIRATORY DISEASES	460-478	66	45	21	3.4	4.7	2.2	128	84	44	1.9	1.9	2.1
PNEUMONIA	480-486	113	63	50	5.9	6.6	5.1	508	268	240	4.5	4.3	4.8
ASTHMA	493	36	23	13	1.9	2.4	1.3	95	52	43	2.6	2.3	3.3
DIGESTIVE SYSTEM DISEASES	520-579	259	80	179	13.4	8.4	18.4	958	353	605	3.7	4.4	3.4
APPENDICITIS	540-543	29	0	29	1.5	0.0	3.0	110	0	110	3.8	0.0	3.8
GASTROENTERITIS, COLITIS	558	18	10	8	0.9	1.0	0.8	53	21	32	2.9	2.1	4.0
ALCOHOLIC LIVER DISEASE	571.0-571.3	8	1	7	0.4	0.1	0.7	31	2	29	3.9	2.0	4.1
GALL BLADDER DISEASE	574.0-574.2, 575	43	4	39	2.2	0.4	4.0	111	8	103	2.6	2.0	2.6
GENITOURINARY SYSTEM DISEASES	580-629	114	62	52	5.9	6.5	5.3	336	167	169	2.9	2.7	3.3
URINARY SYSTEM DISEASES	580-599	74	53	21	3.8	5.5	2.2	231	157	74	3.1	3.0	3.5
FEMALE GENITAL TRACT DISEASES	614-629	39	9	30	2.0	0.9	3.1	102	10	92	2.6	1.1	3.1

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR BEMIDJI AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	96	6	90	5.0	0.6	9.2	216	13	203	2.3	2.2	2.3
SPONTANEOUS ABORTION	634	4	1	3	0.2	0.1	0.3	6	1	5	1.5	1.0	1.7
FALSE LABOR	644.10, 644.13	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
OTHER COMPLICATIONS OF PREGNANCY		11	3	8	0.6	0.3	0.8	25	5	20	2.3	1.7	2.5
NORMAL DELIVERY	650	16	1	15	0.8	0.1	1.5	29	2	27	1.8	2.0	1.8
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	15	0	15	0.8	0.0	1.5	30	0	30	2.0	0.0	2.0
OTHER COMPLICATIONS OF DELIVERY		45	0	45	2.3	0.0	4.6	111	0	111	2.5	0.0	2.5
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE, CELLULITIS AND ABSCESS, EXCEPT DIGIT	680-709 682	91 65	69 50	22 15	4.7 3.4	7.2 5.2	2.3 1.5	340 210	263 163	77 47	3.7 3.2	3.8 3.3	3.5 3.1
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	42	13	29	2.2	1.4	3.0	194	84	110	4.6	6.5	3.8
CONGENITAL ANOMALIES	740-759	3	1	2	0.2	0.1	0.2	8	2	6	2.7	2.0	3.0
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	5	2	3	0.3	0.2	0.3	15	2	13	3.0	1.0	4.3
SHORT GESTATION, LOW BIRTHWEIGHT, DISORDERS	765	1	0	1	0.1	0.0	0.1	10	0	10	10.0	0.0	10.0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	196	122	74	10.2	12.8	7.6	361	212	149	1.8	1.7	2.0
CONVULSIONS	780.3	24	22	2	1.2	2.3	0.2	36	32	4	1.5	1.5	2.0
ABDOMINAL PAIN	789.0	22	7	15	1.1	0.7	1.5	53	15	38	2.4	2.1	2.5
INJURIES AND POISONINGS	800-999	164	83	81	8.5	8.7	8.3	511	212	299	3.1	2.6	3.7
FRACTURES, ALL SITES	800-828	32	5	27	1.7	0.5	2.8	112	25	87	3.5	5.0	3.2
DISLOCATIONS, SPRAINS	830-848	13	8	5	0.7	0.8	0.5	24	15	9	1.8	1.9	1.8
LACERATIONS, OPEN WOUNDS	870-897	15	9	6	0.8	0.9	0.6	25	14	11	1.7	1.6	1.8
SUPERFICIAL INJURY, CONTUSIONS	910-929	11	9	2	0.6	0.9	0.2	19	16	3	1.7	1.8	1.5
BURNS	940-949	1	1	0	0.1	0.1	0.0	2	2	0	2.0	2.0	0.0
POISONINGS	960-979	46	33	13	2.4	3.5	1.3	88	60	28	1.9	1.8	2.2
SUPPLEMENTARY CLASSIFICATION	V01-V82	7	1	6	0.4	0.1	0.6	127	1	126	18.1	1.0	21.0
HEALTHY INFANT CHILD CARE	V20.1	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	1	0	1	0.1	0.0	0.1	2	0	2	2.0	0.0	2.0
STERILIZATION	V25.2	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
AFTERCARE	V51, V54, V56-V58, V66	5	0	5	0.3	0.0	0.5	124	0	124	24.8	0.0	24.8

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR BILLINGS AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		5561	3202	2359	100.0	100.0	100.0	21237	9923	11314	3.8	3.1	4.8
INFECTIOUS AND PARASITIC DISEASES	001-139	124	65	59	2.2	2.0	2.5	650	291	359	5.2	4.5	6.1
INTESTINAL INFECTIOUS DISEASES	001-009	26	15	11	0.5	0.5	0.5	52	31	21	2.0	2.1	1.9
TUBERCULOSIS, ALL FORMS	010-018	6	2	4	0.1	0.1	0.2	121	89	32	20.2	44.5	8.0
NEOPLASMS	140-239	115	26	89	2.1	0.8	3.8	746	156	590	6.5	6.0	6.6
MALIGNANT NEOPLASMS	140-208	87	18	69	1.6	0.6	2.9	617	117	500	7.1	6.5	7.2
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	228	123	105	4.1	3.8	4.5	978	473	505	4.3	3.8	4.8
DIABETES MELLITUS	250	140	79	61	2.5	2.5	2.6	757	354	403	5.4	4.5	6.6
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	34	23	11	0.6	0.7	0.5	126	75	51	3.7	3.3	4.6
MENTAL DISORDERS	290-319	486	268	218	8.7	8.4	9.2	2114	716	1398	4.3	2.7	6.4
ALCOHOLIC PSYCHOSES	291	118	90	28	2.1	2.8	1.2	366	271	95	3.1	3.0	3.4
OTHER PSYCHOSES	290, 292-299	106	28	78	1.9	0.9	3.3	654	78	576	6.2	2.8	7.4
ALCOHOL DEPENDENCE SYNDROME	303	101	45	56	1.8	1.4	2.4	488	131	357	4.8	2.9	6.4
NON-DEPENDENT ALCDHOL ABUSE	305.0	37	33	4	0.7	1.0	0.2	47	41	6	1.3	1.2	1.5
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	65	43	22	1.2	1.3	0.9	179	99	80	2.8	2.3	3.6
OTITIS MEDIA	381.0-381.4, 382	15	14	1	0.3	0.4	0.0	21	20	1	1.4	1.4	1.0
CIRCULATORY SYSTEM DISEASES	390-459	473	162	311	8.5	5.1	13.2	2454	556	1898	5.2	3.4	6.1
HYPERTENSIVE DISEASE	401-405	21	10	11	0.4	0.3	0.5	64	32	32	3.0	3.2	2.9
ISCHEMIC HEART DISEASE	410-414	193	46	147	3.5	1.4	6.2	724	83	641	3.8	1.8	4.4
OTHER HEART DISEASE	415-429	146	63	83	2.6	2.0	3.5	675	251	424	4.6	4.0	5.1
RESPIRATORY SYSTEM DISEASES	460-519	821	575	246	14.8	18.0	10.4	2985	1883	1102	3.6	3.3	4.5
UPPER RESPIRATORY DISEASES	460-478	235	185	50	4.2	5.8	2.1	576	444	132	2.5	2.4	2.6
PNEUMONIA	480-486	336	234	102	6.0	7.3	4.3	1390	921	469	4.1	3.9	4.6
ASTHMA	493	93	67	26	1.7	2.1	1.1	263	178	85	2.8	2.7	3.3
DIGESTIVE SYSTEM DISEASES	520-579	710	351	359	12.8	11.0	15.2	2511	1015	1496	3.5	2.9	4.2
APPENDICITIS	540-543	79	24	55	1.4	0.7	2.3	265	68	199	3.4	2.8	3.6
GASTROENTERITIS, COLITIS	558	49	41	8	0.9	1.3	0.3	115	95	20	2.3	2.3	2.5
ALCOHOLIC LIVER DISEASE	571.0-571.3	42	11	31	0.8	0.3	1.3	236	87	149	5.6	7.9	4.8
GALL BLADDER DISEASE	574.0-574.2, 575	189	123	66	3.4	3.8	2.8	497	261	236	2.6	2.1	3.6
GENITOURINARY SYSTEM DISEASES	580-629	299	202	97	5.4	6.3	4.1	1095	691	404	3.7	3.4	4.2
URINARY SYSTEM DISEASES	580-599	180	129	51	3.2	4.0	2.2	699	449	250	3.9	3.5	4.9
FEMALE GENITAL TRACT DISEASES	614-629	110	68	42	2.0	2.1	1.8	362	224	138	3.3	3.3	3.3

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR BILLINGS AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	619	501	118	11.1	15.6	5.0	1438	1168	270	2.3	2.3	2.3
SPONTANEOUS ABORTION	634	16	14	2	0.3	0.4	0.1	16	14	2	1.0	1.0	1.0
FALSE LABOR	644.10, 644.13	13	11	2	0.2	0.3	0.1	15	13	2	1.2	1.2	1.0
OTHER COMPLICATIONS OF PREGNANCY		102	87	15	1.8	2.7	0.6	213	168	45	2.1	1.9	3.0
NORMAL DELIVERY	650	193	177	16	3.5	5.5	0.7	380	359	21	2.0	2.0	1.3
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	29	17	12	0.5	0.5	0.5	56	37	19	1.9	2.2	1.6
OTHER COMPLICATIONS OF DELIVERY		239	177	62	4.3	5.5	2.6	693	537	156	2.9	3.0	2.5
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE *	680-709	182	127	55	3.3	4.0	2.3	1041	819	222	5.7	6.4	4.0
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	142	99	43	2.6	3.1	1.8	674	494	180	4.7	5.0	4.2
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	172	49	123	3.1	1.5	5.2	617	214	403	3.6	4.4	3.3
CONGENITAL ANOMALIES	740-759	13	6	7	0.2	0.2	0.3	56	28	28	4.3	4.7	4.0
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	35	30	5	0.6	0.9	0.2	80	68	12	2.3	2.3	2.4
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	2	2	0	0.0	0.1	0.0	7	7	0	3.5	3.5	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	511	376	135	9.2	11.7	5.7	1228	892	336	2.4	2.4	2.5
CONVULSIONS	780.3	59	35	24	1.1	1.1	1.0	108	56	52	1.8	1.6	2.2
ABDOMINAL PAIN	789.0	93	79	14	1.7	2.5	0.6	206	174	32	2.2	2.2	2.3
INJURIES AND POISONINGS	800-999	608	240	368	10.9	7.5	15.6	2582	708	1874	4.2	3.0	5.1
FRACTURES, ALL SITES	800-828	178	37	141	3.2	1.2	6.0	901	159	742	5.1	4.3	5.3
DISLOCATIONS, SPRAINS	830-848	34	11	23	0.6	0.3	1.0	85	33	52	2.5	3.0	2.3
LACERATIONS, OPEN WOUNDS	870-897	69	26	43	1.2	0.8	1.8	344	66	278	5.0	2.5	6.5
SUPERFICIAL INJURY, CONTUSIONS	910-929	37	26	11	0.7	0.8	0.5	82	48	36	2.2	1.8	3.3
BURNS	940-949	12	5	7	0.2	0.2	0.3	114	50	64	9.5	10.0	9.1
POISONINGS	960-979	64	29	35	1.2	0.9	1.5	162	48	114	2.5	1.7	3.3
SUPPLEMENTARY CLASSIFICATION	V01-V82	66	35	31	1.2	1.1	1.3	357	71	286	5.4	2.0	9.2
HEALTHY INFANT CHILD CARE	V20.1	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	21	19	2	0.4	0.6	0.1	35	27	8	1.7	1.4	4.0
STERILIZATION	V25.2	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
AFTERCARE	V51, V54, V56-V58, V66	25	0	25	0.4	0.0	1.1	263	0	263	10.5	0.0	10.5

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR NASHVILLE AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		2476	1529	947	100.0	100.0	100.0	14549	9453	5096	5.9	6.2	5.4
INFECTIDUS AND PARASITIC DISEASES	001-139	50	34	16	2.0	2.2	1.7	302	241	61	6.0	7.1	3.8
INTESTINAL INFECTIOUS DISEASES	001-009	22	21	1	0.9	1.4	0.1	156	154	2	7.1	7.3	2.0
TUBERCULOSIS, ALL FORMS	010-018	1	1	0	0.0	0.1	0.0	5	5	0	5.0	5.0	0.0
NEOPLASMS	140-239	46	14	32	1.9	0.9	3.4	602	256	346	13.1	18.3	10.8
MALIGNANT NEOPLASMS	140-208	29	11	18	1.2	0.7	1.9	355	206	149	12.2	18.7	8.3
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	221	170	51	8.9	11.1	5.4	1227	941	286	5.6	5.5	5.6
DIABETES MELLITUS	250	160	126	34	6.5	8.2	3.6	896	681	215	5.6	5.4	6.3
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	10	4	6	0.4	0.3	0.6	42	9	33	4.2	2.3	5.5
MENTAL DISORDERS	290-319	259	185	74	10.5	12.1	7.8	2385	1704	681	9.2	9.2	9.2
ALCOHOLIC PSYCHOSES	291	33	25	8	1.3	1.6	0.8	257	207	50	7.8	8.3	6.3
OTHER PSYCHOSES	290, 292-299	36	10	26	1.5	0.7	2.7	321	55	266	8.9	5.5	10.2
ALCOHOL DEPENDENCE SYNDROME	303	118	100	18	4.8	6.5	1.9	1346	1158	188	11.4	11.6	10.4
NON-DEPENDENT ALCOHOL ABUSE	305.0	16	14	2	0.6	0.9	0.2	59	50	9	3.7	3.6	4.5
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	40	33	7	1.6	2.2	0.7	270	229	41	6.8	6.9	5.9
OTITIS MEDIA	381.0-381.4, 382	19	18	1	0.8	1.2	0.1	52	51	1	2.7	2.8	1.0
CIRCULATORY SYSTEM DISEASES	390-459	305	131	174	12.3	8.6	18.4	1748	858	890	5.7	6.5	5.1
HYPERTENSIVE DISEASE	401-405	25	16	9	1.0	1.0	1.0	105	82	43	4.2	3.9	4.8
ISCHEMIC HEART DISEASE	410-414	126	45	81	5.1	2.9	8.6	601	204	397	4.8	4.5	4.9
OTHER HEART DISEASE	415-429	73	36	37	2.9	2.4	3.9	428	245	183	5.9	6.8	4.9
RESPIRATORY SYSTEM DISEASES	460-519	333	252	81	13.4	16.5	8.6	1399	1080	319	4.2	4.3	3.9
UPPER RESPIRATORY DISEASES	460-478	73	59	14	2.9	3.9	1.5	221	186	35	3.0	3.2	2.5
PNEUMONIA	480-486	153	127	26	6.2	8.3	2.7	816	677	139	5.3	5.3	5.3
ASTHMA	493	66	40	26	2.7	2.6	2.7	219	130	89	3.3	3.3	3.4
DIGESTIVE SYSTEM DISEASES	520-579	284	173	111	11.5	11.3	11.7	1467	997	470	5.2	5.8	4.2
APPENDICITIS	540-543	14	1	13	0.6	0.1	1.4	49	3	46	3.5	3.0	3.5
GASTROENTERITIS, COLITIS	558	47	42	5	1.9	2.7	0.5	144	130	14	3.1	3.1	2.8
ALCOHOLIC LIVER DISEASE	571.0-571.3	29	24	5	1.2	1.6	0.5	400	346	54	13.8	14.4	10.8
GALL BLADDER DISEASE	574.0-574.2, 575	44	14	30	1.8	0.9	3.2	116	32	84	2.6	2.3	2.8
GENITOURINARY SYSTEM DISEASES	580-629	124	63	61	5.0	4.1	6.4	520	300	220	4.2	4.8	3.6
URINARY SYSTEM DISEASES	580-599	74	49	25	3.0	3.2	2.6	351	240	111	4.7	4.9	4.4
FEMALE GENITAL TRACT DISEASES	614-629	32	7	25	1.3	0.5	2.6	103	27	76	3.2	3.9	3.0

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR NASHVILLE AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	124	44	80	5.0	2.9	8.4	333	155	178	2.7	3.5	2.2
SPONTANEOUS ABORTION	634	2	1	1	0.1	0.1	0.1	2	1	1	1.0	1.0	1.0
FALSE LABOR	644.10, 644.13	2	1	1	0.1	0.1	0.1	4	3	1	2.0	3.0	1.0
OTHER COMPLICATIONS OF PREGNANCY		41	33	8	1.7	2.2	0.8	137	120	17	3.3	3.8	2.1
NORMAL DELIVERY	650	12	1	11	0.5	0.1	1.2	25	3	22	2.1	3.0	2.0
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	8	0	8	0.3	0.0	0.8	12	0	12	1.5	0.0	1.5
OTHER COMPLICATIONS OF DELIVERY		48	0	48	1.9	0.0	5.1	122	0	122	2.5	0.0	2.5
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	122	90	32	4.9	5.9	3.4	1358	749	609	11.1	8.3	19.0
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	77	57	20	3.1	3.7	2.1	854	332	522	11.1	5.8	26.1
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	54	36	18	2.2	2.4	1.9	251	192	59	4.6	5.3	3.3
CONGENITAL ANOMALIES	740-759	9	1	8	0.4	0.1	0.8	29	7	22	3.2	7.0	2.8
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	3	1	2	0.1	0.1	0.2	12	1	11	4.0	1.0	5.5
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	1	0	1	0.0	0.0	0.1	10	0	10	10.0	0.0	10.0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	245	158	87	9.9	10.3	9.2	990	680	310	4.0	4.3	3.6
CONVULSIONS	780.3	8	8	0	0.3	0.5	0.0	20	20	0	2.5	2.5	0.0
ABDOMINAL PAIN	789.0	34	17	17	1.4	1.1	1.8	131	64	67	3.9	3.8	3.9
INJURIES AND POISONINGS	800-999	209	116	93	8.4	7.6	9.8	1170	731	439	5.6	6.3	4.7
FRACTURES, ALL SITES	800-828	63	21	42	2.5	1.4	4.4	449	268	181	7.1	12.8	4.3
DISLOCATIONS, SPRAINS	830-848	11	6	5	0.4	0.4	0.5	34	20	14	3.1	3.3	2.8
LACERATIONS, OPEN WOUNDS	870-897	22	17	5	0.9	1.1	0.5	133	107	26	6.0	6.3	5.2
SUPERFICIAL INJURY, CONTUSIONS	910-929	26	25	1	1.1	1.6	0.1	76	72	4	2.9	2.9	4.0
BURNS	940-949	4	3	1	0.2	0.2	0.1	37	31	6	9.3	10.3	6.0
POISONINGS	960-979	18	11	7	0.7	0.7	0.7	32	23	9	1.8	2.1	1.3
SUPPLEMENTARY CLASSIFICATION	V01-V82	38	24	14	1.5	1.6	1.5	444	323	121	11.7	13.5	8.6
HEALTHY INFANT CHILD CARE	V20.1	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	1	0	1	0.0	0.0	0.1	2	0	2	2.0	0.0	2.0
STERILIZATION	V25.2	1	0	1	0.0	0.0	0.1	1	0	1	1.0	0.0	1.0
AFTERCARE	V51, V54, V56-V58, V66	29	20	9	1.2	1.3	1.0	412	297	115	14.2	14.9	12.8

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR NAVAJO AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		20675	18822	1853	100.0	100.0	100.0	76223	66772	9451	3.7	3.5	5.1
INFECTIOUS AND PARASITIC DISEASES	001-139	490	450	40	2.4	2.4	2.2	2646	2292	354	5.4	5.1	8.9
INTESTINAL INFECTIOUS DISEASES	001-009	169	163	6	0.8	0.9	0.3	535	514	21	3.2	3.2	3.5
TUBERCULOSIS, ALL FORMS	010-018	40	36	4	0.2	0.2	0.2	670	646	24	16.8	17.9	6.0
NEOPLASMS	140-239	463	377	86	2.2	2.0	4.6	2782	2084	698	6.0	5.5	8.1
MALIGNANT NEOPLASMS	140-208	290	226	64	1.4	1.2	3.5	2287	1692	595	7.9	7.5	9.3
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	822	716	106	4.0	3.8	5.7	4466	3818	648	5.4	5.3	6.1
DIABETES MELLITUS	250	404	337	67	2.0	1.8	3.6	2973	2502	471	7.4	7.4	7.0
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	122	113	9	0.6	0.6	0.5	428	398	30	3.5	3.5	3.3
MENTAL DISORDERS	290-319	300	257	43	1.5	1.4	2.3	934	784	150	3.1	3.1	3.5
ALCOHOLIC PSYCHOSES	291	128	115	13	0.6	0.6	0.7	404	371	33	3.2	3.2	2.5
OTHER PSYCHOSES	290, 292-299	52	41	11	0.3	0.2	0.6	288	211	77	5.5	5.1	7.0
ALCOHOL DEPENDENCE SYNDROME	303	51	45	6	0.2	0.2	0.3	108	95	13	2.1	2.1	2.2
NON-DEPENDENT ALCOHOL ABUSE	305.0	36	33	3	0.2	0.2	0.2	58	52	6	1.6	1.6	2.0
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	396	365	31	1.9	1.9	1.7	1247	1111	136	3.1	3.0	4.4
OTITIS MEDIA	381.0-381.4, 382	88	88	0	0.4	0.5	0.0	131	131	0	1.5	1.5	0.0
CIRCULATORY SYSTEM DISEASES	390-459	1056	805	251	5.1	4.3	13.5	5174	3679	1495	4.9	4.6	6.0
HYPERTENSIVE DISEASE	401-405	52	48	4	0.3	0.3	0.2	157	145	12	3.0	3.0	3.0
ISCHEMIC HEART DISEASE	410-414	324	187	137	1.6	1.0	7.4	1355	572	783	4.2	3.1	5.7
OTHER HEART DISEASE	415-429	437	372	65	2.1	2.0	3.5	2206	1887	319	5.0	5.1	4.9
RESPIRATORY SYSTEM DISEASES	460-519	3266	3109	157	15.8	16.5	8.5	12319	11491	828	3.8	3.7	5.3
UPPER RESPIRATORY DISEASES	460-478	1053	1019	34	5.1	5.4	1.8	2778	2651	127	2.6	2.6	3.7
PNEUMONIA	480-486	1366	1287	79	6.6	6.8	4.3	5899	5498	401	4.3	4.3	5.1
ASTHMA	493	455	439	16	2.2	2.3	0.9	1436	1386	50	3.2	3.2	3.1
DIGESTIVE SYSTEM DISEASES	520-579	2815	2598	217	13.6	13.8	11.7	11117	10003	1114	3.9	3.9	5.1
APPENDICITIS	540-543	258	249	9	1.2	1.3	0.5	1165	1138	27	4.5	4.6	3.0
GASTROENTERITIS, COLITIS	558	203	198	5	1.0	1.1	0.3	543	529	14	2.7	2.7	2.8
ALCOHOLIC LIVER DISEASE	571.0-571.3	95	75	20	0.5	0.4	1.1	666	521	145	7.0	6.9	7.3
GALL BLADDER DISEASE	574.0-574.2, 575	1014	987	27	4.9	5.2	1.5	3370	3250	120	3.3	3.3	4.4
GENITOURINARY SYSTEM DISEASES	580-629	1192	1104	88	5.8	5.9	4.7	4572	4247	325	3.8	3.8	3.7
URINARY SYSTEM DISEASES	580-599	776	706	70	3.8	3.8	3.8	3278	3041	237	4.2	4.3	3.4
FEMALE GENITAL TRACT DISEASES	614-629	307	295	12	1.5	1.6	0.6	1037	969	68	3.4	3.3	5.7

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR NAVAJO AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	4539	4443	96	22.0	23.6	5.2	10317	10059	258	2.3	2.3	2.7
SPONTANEOUS ABORTION	634	79	74	5	0.4	0.4	0.3	86	78	8	1.1	1.1	1.6
FALSE LABOR	644.10, 644.13	37	36	1	0.2	0.2	0.1	87	86	1	2.4	2.4	1.0
OTHER COMPLICATIONS OF PREGNANCY		667	649	18	3.2	3.4	1.0	1329	1272	57	2.0	2.0	3.2
NORMAL DELIVERY	650	666	655	11	3.2	3.5	0.6	1069	1056	13	1.6	1.6	1.2
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	1083	1074	9	5.2	5.7	0.5	2283	2270	13	2.1	2.1	1.4
OTHER COMPLICATIONS OF DELIVERY		1820	1780	40	8.8	9.5	2.2	5017	4880	137	2.8	2.7	3.4
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	706	674	32	3.4	3.6	1.7	3735	3580	175	5.3	5.3	5.5
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	477	454	23	2.3	2.4	1.2	2465	2344	121	5.2	5.2	5.3
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	448	377	71	2.2	2.0	3.8	2396	2043	353	5.3	5.4	5.0
CONGENITAL ANOMALIES	740-759	76	65	11	0.4	0.3	0.6	250	196	54	3.3	3.0	4.9
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	277	271	6	1.3	1.4	0.3	1135	1091	44	4.1	4.0	7.3
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	30	29	1	0.1	0.2	0.1	335	320	15	11.2	11.0	15.0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	1339	1275	64	6.5	6.8	3.5	3638	3440	198	2.7	2.7	3.1
CONVULSIONS	780.3	140	131	9	0.7	0.7	0.5	385	343	42	2.8	2.6	4.7
ABDOMINAL PAIN	789.0	212	207	5	1.0	1.1	0.3	436	425	11	2.1	2.1	2.2
INJURIES AND POISONINGS	800-999	2082	1572	510	10.1	8.4	27.5	8305	5872	2433	4.0	3.7	4.8
FRACTURES, ALL SITES	800-828	675	464	211	3.3	2.5	11.4	3240	2024	1216	4.8	4.4	5.8
DISLOCATIONS, SPRAINS	830-848	51	39	12	0.2	0.2	0.6	151	98	53	3.0	2.5	4.4
LACERATIONS, OPEN WOUNDS	870-897	302	243	59	1.5	1.3	3.2	905	732	173	3.0	3.0	2.9
SUPERFICIAL INJURY, CONTUSIONS	910-929	126	115	11	0.6	0.6	0.6	349	301	48	2.8	2.6	4.4
BURNS	940-949	74	59	15	0.4	0.3	0.8	495	369	126	6.7	6.3	8.4
POISONINGS	960-979	191	174	17	0.9	0.9	0.9	373	335	38	2.0	1.9	2.2
SUPPLEMENTARY CLASSIFICATION	V01-V82	286	251	35	1.4	1.3	1.9	762	604	158	2.7	2.4	4.5
HEALTHY INFANT CHILD CARE	V20.1	19	19	0	0.1	0.1	0.0	29	29	0	1.5	1.5	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	36	35	1	0.2	0.2	0.1	56	53	3	1.6	1.5	3.0
STERILIZATION	V25.2	41	41	0	0.2	0.2	0.0	45	45	0	1.1	1.1	0.0
AFTERCARE	V51, V54, V56-V58, V66	72	53	19	0.3	0.3	1.0	360	246	114	5.0	4.6	6.0

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR OKLAHOMA AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT
TOTAL, EXCLUDING NEWBORN		12911	10358	2553	100.0	100.0	100.0	50943	36028	14915	3.9	3.5	5.8
INFECTIOUS AND PARASITIC DISEASES	001-139	226	171	55	1.8	1.7	2.2	1248	817	431	5.5	4.8	7.8
INTESTINAL INFECTIOUS DISEASES	001-009	43	35	8	0.3	0.3	0.3	176	154	22	4.1	4.4	2.8
TUBERCULOSIS, ALL FORMS	010-018	15	14	1	0.1	0.1	0.0	247	218	29	16.5	15.6	29.0
NEOPLASMS	140-239	429	320	109	3.3	3.1	4.3	2519	1627	892	5.9	5.1	8.2
MALIGNANT NEOPLASMS	140-208	244	151	93	1.9	1.5	3.6	1846	1021	825	7.6	6.8	8.9
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	631	518	113	4.9	5.0	4.4	3281	2742	539	5.2	5.3	4.8
DIABETES MELLITUS	250	412	342	70	3.2	3.3	2.7	2426	2033	393	5.9	5.9	5.6
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	175	160	15	1.4	1.5	0.6	528	482	46	3.0	3.0	3.1
MENTAL DISORDERS	290-319	226	133	93	1.8	1.3	3.6	948	490	458	4.2	3.7	4.9
ALCOHOLIC PSYCHOSES	291	34	19	15	0.3	0.2	0.6	163	97	66	4.8	5.1	4.4
OTHER PSYCHOSES	290, 292-299	62	20	42	0.5	0.2	1.6	367	89	278	5.9	4.5	6.6
ALCOHOL DEPENDENCE SYNDROME	303	75	58	17	0.6	0.6	0.7	251	195	56	3.3	3.4	3.3
NON-DEPENDENT ALCOHOL ABUSE	305.0	17	14	3	0.1	0.1	0.1	50	45	5	2.9	3.2	1.7
DISEASES OF THE NERVOUS SYS. & SENSE ORGANS	320-389	111	73	38	0.9	0.7	1.5	453	304	149	4.1	4.2	3.9
OTITIS MEDIA	381.0-381.4, 382	11	11	0	0.1	0.1	0.0	60	60	0	5.5	5.5	0.0
CIRCULATORY SYSTEM DISEASES	390-459	1598	936	662	12.4	9.0	25.9	8138	3552	4586	5.1	3.8	6.9
HYPERTENSIVE DISEASE	401-405	75	46	29	0.6	0.4	1.1	285	135	150	3.8	2.9	5.2
ISCHEMIC HEART DISEASE	410-414	600	275	325	4.6	2.7	12.7	2269	655	1614	3.8	2.4	5.0
OTHER HEART DISEASE	415-429	506	351	155	3.9	3.4	6.1	2878	1388	1490	5.7	4.0	9.6
RESPIRATORY SYSTEM DISEASES	460-519	1194	996	198	9.2	9.6	7.8	5065	3944	1121	4.2	4.0	5.7
UPPER RESPIRATORY DISEASES	460-478	236	212	24	1.8	2.0	0.9	659	585	74	2.8	2.8	3.1
PNEUMONIA	480-486	459	374	85	3.6	3.6	3.3	2155	1702	453	4.7	4.6	5.3
ASTHMA	493	209	179	30	1.6	1.7	1.2	613	537	76	2.9	3.0	2.5
DIGESTIVE SYSTEM DISEASES	520-579	1642	1369	273	12.7	13.2	10.7	6513	5072	1441	4.0	3.7	5.3
APPENDICITIS	540-543	194	159	35	1.5	1.5	1.4	852	727	125	4.4	4.6	3.6
GASTROENTERITIS, COLITIS	558	188	178	10	1.5	1.7	0.4	462	431	31	2.5	2.4	3.1
ALCOHOLIC LIVER DISEASE	571.0-571.3	46	24	22	0.4	0.2	0.9	366	173	193	8.0	7.2	8.8
GALL BLADDER DISEASE	574.0-574.2, 575	420	380	40	3.3	3.7	1.6	1519	1299	220	3.6	3.4	5.5
GENITOURINARY SYSTEM DISEASES	580-629	896	796	100	6.9	7.7	3.9	3152	2796	356	3.5	3.5	3.6
URINARY SYSTEM DISEASES	580-599	373	307	66	2.9	3.0	2.6	1532	1289	243	4.1	4.2	3.7
FEMALE GENITAL TRACT DISEASES	614-629	469	445	24	3.6	4.3	0.9	1452	1373	79	3.1	3.1	3.3

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR OKLAHOMA AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	3660	3464	196	28.3	33.4	7.7	8960	8454	506	2.4	2.4	2.6
SPONTANEOUS ABORTION	634	54	50	4	0.4	0.5	0.2	62	55	7	1.1	1.1	1.8
FALSE LABOR	644.10, 644.13	43	42	1	0.3	0.4	0.0	60	59	1	1.4	1.4	1.0
OTHER COMPLICATIONS OF PREGNANCY		632	617	15	4.9	6.0	0.6	1354	1330	24	2.1	2.2	1.6
NORMAL DELIVERY	650	217	204	13	1.7	2.0	0.5	429	409	20	2.0	2.0	1.5
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	885	863	22	6.9	8.3	0.9	1972	1934	38	2.2	2.2	1.7
OTHER COMPLICATIONS OF DELIVERY		1700	1565	135	13.2	15.1	5.3	4794	4387	407	2.8	2.8	3.0
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE *	680-709	303	280	23	2.3	2.7	0.9	2134	1884	250	7.0	6.7	10.9
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	181	171	10	1.4	1.7	0.4	1150	1089	61	6.4	6.4	6.1
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	198	91	107	1.5	0.9	4.2	1045	496	549	5.3	5.5	5.1
CONGENITAL ANOMALIES	740-759	43	29	14	0.3	0.3	0.5	166	105	61	3.9	3.6	4.4
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	76	60	16	0.6	0.6	0.6	385	167	218	5.1	2.8	13.6
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	3	0	3	0.0	0.0	0.1	75	0	75	25.0	0.0	25.0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	660	536	124	5.1	5.2	4.9	1893	1570	323	2.9	2.9	2.6
CONVULSIONS	780.3	56	39	17	0.4	0.4	0.7	149	107	42	2.7	2.7	2.5
ABDOMINAL PAIN	789.0	92	78	14	0.7	0.8	0.5	227	190	37	2.5	2.4	2.6
INJURIES AND POISONINGS	800-999	734	371	363	5.7	3.6	14.2	3797	1411	2386	5.2	3.8	6.8
FRACTURES, ALL SITES	800-828	210	38	172	1.6	0.4	6.7	1158	156	1002	5.5	4.1	5.8
DISLOCATIONS, SPRAINS	830-848	10	2	8	0.1	0.0	0.3	38	4	34	3.8	2.0	4.3
LACERATIONS, OPEN WOUNDS	870-897	50	30	20	0.4	0.3	0.8	164	88	76	3.3	2.9	3.8
SUPERFICIAL INJURY, CONTUSIONS	910-929	34	26	8	0.3	0.3	0.3	78	62	16	2.3	2.4	2.0
BURNS	940-949	19	8	11	0.1	0.1	0.4	337	77	260	17.7	9.6	23.6
POISONINGS	960-979	98	75	21	0.7	0.7	0.8	220	133	87	2.3	1.8	4.1
SUPPLEMENTARY CLASSIFICATION	V01-V82	109	55	54	0.8	0.5	2.1	718	115	603	6.6	2.1	11.2
HEALTHY INFANT CHILD CARE	V20.1	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	4	2	2	0.0	0.0	0.1	8	4	4	2.0	2.0	2.0
STERILIZATION	V25.2	30	30	0	0.2	0.3	0.0	31	31	0	1.0	1.0	0.0
AFTERCARE	V51, V54, V56-V58, V66	52	3	49	0.4	0.0	1.9	623	39	584	12.0	13.0	11.9

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR PHOENIX AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		9653	8199	1454	100.0	100.0	100.0	46245	38873	7372	4.8	4.7	5.1
INFECTIOUS AND PARASITIC DISEASES	001-139	269	229	40	2.8	2.8	2.8	1400	1145	255	5.2	5.0	6.4
INTESTINAL INFECTIOUS DISEASES	001-009	69	63	6	0.7	0.8	0.4	225	192	33	3.3	3.0	5.5
TUBERCULOSIS, ALL FORMS	010-018	14	13	1	0.1	0.2	0.1	205	201	4	14.6	15.5	4.0
NEOPLASMS	140-239	202	175	27	2.1	2.1	1.9	1610	1433	177	8.0	8.2	6.6
MALIGNANT NEOPLASMS	140-208	135	113	22	1.4	1.4	1.5	1327	1173	154	9.8	10.4	7.0
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	663	551	112	6.9	6.7	7.7	4798	4283	515	7.2	7.8	4.6
DIABETES MELLITUS	250	481	394	87	5.0	4.8	6.0	3693	3242	451	7.7	8.2	5.2
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	78	69	9	0.8	0.8	0.6	312	281	31	4.0	4.1	3.4
MENTAL DISORDERS	290-319	275	220	55	2.8	2.7	3.8	1583	1166	417	5.8	5.3	7.6
ALCOHOLIC PSYCHOSES	291	69	64	5	0.7	0.8	0.3	349	337	12	5.1	5.3	2.4
OTHER PSYCHOSES	290, 292-299	56	29	27	0.6	0.4	1.9	582	287	275	10.0	9.9	10.2
ALCOHOL DEPENDENCE SYNDROME	303	99	82	17	1.0	1.0	1.2	498	390	108	5.0	4.8	6.4
NON-DEPENDENT ALCOHOL ABUSE	305.0	18	15	3	0.2	0.2	0.2	34	27	7	1.9	1.8	2.3
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	181	167	14	1.9	2.0	1.0	833	717	116	4.6	4.3	8.3
OTITIS MEDIA	381.0-381.4, 382	29	29	0	0.3	0.4	0.0	50	50	0	1.7	1.7	0.0
CIRCULATORY SYSTEM DISEASES	390-459	439	247	192	4.5	3.0	13.2	2368	1253	1115	5.4	5.1	5.8
HYPERTENSIVE DISEASE	401-405	38	21	17	0.4	0.3	1.2	195	76	119	5.1	3.8	7.0
ISCHEMIC HEART DISEASE	410-414	103	35	68	1.1	0.4	4.7	485	51	434	4.7	1.5	6.4
OTHER HEART DISEASE	415-429	148	93	55	1.5	1.1	3.8	645	397	248	4.4	4.3	4.5
RESPIRATORY SYSTEM DISEASES	460-519	1415	1265	150	14.7	15.4	10.3	5623	4943	680	4.0	3.9	4.5
UPPER RESPIRATORY DISEASES	460-478	395	377	18	4.1	4.6	1.2	1195	1149	46	3.0	3.0	2.6
PNEUMONIA	480-486	609	518	91	6.3	6.3	6.3	2680	2252	428	4.4	4.3	4.7
ASTHMA	493	263	247	16	2.7	3.0	1.1	875	847	28	3.3	3.4	1.8
DIGESTIVE SYSTEM DISEASES	520-579	1357	1153	204	14.1	14.1	14.0	7197	6234	963	5.3	5.4	4.7
APPENDICITIS	540-543	104	78	26	1.1	1.0	1.8	520	446	74	5.0	5.7	2.8
GASTROENTERITIS, COLITIS	558	143	137	6	1.5	1.7	0.4	332	318	16	2.3	2.3	2.7
ALCOHOLIC LIVER DISEASE	571.0-571.3	119	107	12	1.2	1.3	0.8	1020	949	71	8.6	8.9	5.9
GALL BLADDER DISEASE	574.0-574.2, 575	375	336	39	3.9	4.1	2.7	1599	1466	133	4.3	4.4	3.4
GENITOURINARY SYSTEM DISEASES	580-629	702	636	66	7.3	7.8	4.5	3333	3108	225	4.7	4.9	3.4
URINARY SYSTEM DISEASES	580-599	421	382	39	4.4	4.7	2.7	2071	1912	159	4.9	5.0	4.1
FEMALE GENITAL TRACT DISEASES	614-629	219	197	22	2.3	2.4	1.5	953	897	56	4.4	4.6	2.5

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR PHOENIX AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBRTH/PUERPERIUM	630-676	1380	1255	125	14.3	15.3	8.6	3025	2735	290	2.2	2.2	2.3
SPONTANEOUS ABORTION	634	10	8	2	0.1	0.1	0.1	19	12	7	1.9	1.5	3.5
FALSE LABOR	644.10, 644.13	9	8	1	0.1	0.1	0.1	14	13	1	1.6	1.6	1.0
OTHER COMPLICATIONS OF PREGNANCY		323	316	7	3.3	3.9	0.5	775	759	16	2.4	2.4	2.3
NORMAL DELIVERY	650	181	162	19	1.9	2.0	1.3	266	237	29	1.5	1.5	1.5
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	131	109	22	1.4	1.3	1.5	201	169	32	1.5	1.6	1.5
OTHER COMPLICATIONS OF DELIVERY		672	605	67	7.0	7.4	4.6	1641	1458	183	2.4	2.4	2.7
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	589	546	43	6.1	6.7	3.0	3642	3357	285	6.2	6.1	6.6
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	432	399	33	4.5	4.9	2.3	2465	2249	216	5.7	5.6	6.5
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	190	127	63	2.0	1.5	4.3	1217	887	330	6.4	7.0	5.2
CONGENITAL ANOMALIES	740-759	21	15	6	0.2	0.2	0.4	79	61	18	3.8	4.1	3.0
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	86	81	5	0.9	1.0	0.3	350	324	26	4.1	4.0	5.2
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	4	2	2	0.0	0.0	0.1	96	80	16	24.0	40.0	8.0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	597	530	67	6.2	6.5	4.6	2116	1892	224	3.5	3.6	3.3
CONVULSIONS	780.3	78	67	11	0.8	0.8	0.8	204	162	42	2.6	2.4	3.8
ABDOMINAL PAIN	789.0	102	90	12	1.1	1.1	0.8	345	300	45	3.4	3.3	3.8
INJURIES AND POISONINGS	800-999	756	495	261	7.8	6.0	18.0	3987	2324	1663	5.3	4.7	6.4
FRACTURES, ALL SITES	800-828	186	92	94	1.9	1.1	6.5	995	388	607	5.3	4.2	6.5
DISLOCATIONS, SPRAINS	830-848	21	15	6	0.2	0.2	0.4	47	36	11	2.2	2.4	1.8
LACERATIONS, OPEN WOUNDS	870-897	107	84	23	1.1	1.0	1.6	476	329	147	4.4	3.9	6.4
SUPERFICIAL INJURY, CONTUSIONS	910-929	53	48	5	0.5	0.6	0.3	161	147	14	3.0	3.1	2.8
BURNS	940-949	15	12	3	0.2	0.1	0.2	58	33	25	3.9	2.8	8.3
POISONINGS	960-979	79	54	25	0.8	0.7	1.7	266	127	139	3.4	2.4	5.6
SUPPLEMENTARY CLASSIFICATION	V01-V82	453	438	15	4.7	5.3	1.0	2772	2730	42	6.1	6.2	2.8
HEALTHY INFANT CHILD CARE	V20.1	17	17	0	0.2	0.2	0.0	26	26	0	1.5	1.5	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	6	4	2	0.1	0.0	0.1	11	9	2	1.8	2.3	1.0
STERILIZATION	V25.2	21	21	0	0.2	0.3	0.0	34	34	0	1.6	1.6	0.0
AFTERCARE	V51, V54, V56-V58, V66	149	145	4	1.5	1.8	0.3	1039	1023	16	7.0	7.1	4.0

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR PORTLAND AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		1245	0	1245	100.0	100.0	100.0	5167	0	5167	4.2	0.0	4.2
INFECTIOUS AND PARASITIC DISEASES	001-139	33	0	33	2.7	0.0	2.7	154	0	154	4.7	0.0	4.7
INTESTINAL INFECTIOUS DISEASES	001-009	2	0	2	0.2	0.0	0.2	10	0	10	5.0	0.0	5.0
TUBERCULOSIS, ALL FORMS	010-018	1	0	1	0.1	0.0	0.1	2	0	2	2.0	0.0	2.0
NEOPLASMS	140-239	32	0	32	2.6	0.0	2.6	109	0	109	3.4	0.0	3.4
MALIGNANT NEOPLASMS	140-208	14	0	14	1.1	0.0	1.1	48	0	48	3.4	0.0	3.4
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	42	0	42	3.4	0.0	3.4	173	0	173	4.1	0.0	4.1
DIABETES MELLITUS	250	30	0	30	2.4	0.0	2.4	137	0	137	4.6	0.0	4.6
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	4	0	4	0.3	0.0	0.3	37	0	37	9.3	0.0	9.3
MENTAL DISORDERS	290-319	104	0	104	8.4	0.0	8.4	1104	0	1104	10.6	0.0	10.6
ALCOHOLIC PSYCHOSES	291	14	0	14	1.1	0.0	1.1	55	0	55	3.9	0.0	3.9
OTHER PSYCHOSES	290, 292-299	33	0	33	2.7	0.0	2.7	389	0	389	11.8	0.0	11.8
ALCOHOL DEPENDENCE SYNDROME	303	27	0	27	2.2	0.0	2.2	338	0	338	12.5	0.0	12.5
NON-DEPENDENT ALCOHOL ABUSE	305.0	3	0	3	0.2	0.0	0.2	3	0	3	1.0	0.0	1.0
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	20	0	20	1.6	0.0	1.6	80	0	80	4.0	0.0	4.0
OTITIS MEDIA	381.0-381.4, 382	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
CIRCULATORY SYSTEM DISEASES	390-459	177	0	177	14.2	0.0	14.2	738	0	738	4.2	0.0	4.2
HYPERTENSIVE DISEASE	401-405	3	0	3	0.2	0.0	0.2	10	0	10	3.3	0.0	3.3
ISCHEMIC HEART DISEASE	410-414	64	0	64	5.1	0.0	5.1	257	0	257	4.0	0.0	4.0
OTHER HEART DISEASE	415-429	56	0	56	4.5	0.0	4.5	222	0	222	4.0	0.0	4.0
RESPIRATORY SYSTEM DISEASES	460-519	135	0	135	10.8	0.0	10.8	554	0	554	4.1	0.0	4.1
UPPER RESPIRATORY DISEASES	460-478	16	0	16	1.3	0.0	1.3	60	0	60	3.8	0.0	3.8
PNEUMONIA	480-486	65	0	65	5.2	0.0	5.2	309	0	309	4.8	0.0	4.8
ASTHMA	493	31	0	31	2.5	0.0	2.5	91	0	91	2.9	0.0	2.9
DIGESTIVE SYSTEM DISEASES	520-579	158	0	158	12.7	0.0	12.7	615	0	615	3.9	0.0	3.9
APPENDICITIS	540-543	23	0	23	1.8	0.0	1.8	71	0	71	3.1	0.0	3.1
GASTROENTERITIS, COLITIS	558	6	0	6	0.5	0.0	0.5	23	0	23	3.8	0.0	3.8
ALCOHOLIC LIVER DISEASE	571.0-571.3	9	0	9	0.7	0.0	0.7	45	0	45	5.0	0.0	5.0
GALL BLADDER DISEASE	574.0-574.2, 575	40	0	40	3.2	0.0	3.2	132	0	132	3.3	0.0	3.3
GENITOURINARY SYSTEM DISEASES	580-629	100	0	100	8.0	0.0	8.0	334	0	334	3.3	0.0	3.3
URINARY SYSTEM DISEASES	580-599	56	0	56	4.5	0.0	4.5	212	0	212	3.8	0.0	3.8
FEMALE GENITAL TRACT DISEASES	614-629	40	0	40	3.2	0.0	3.2	114	0	114	2.9	0.0	2.9

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR PORTLAND AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBIRTH/PUERPERIUM	630-676	126	0	126	10.1	0.0	10.1	233	0	233	1.8	0.0	1.8
SPONTANEOUS ABORTION	634	1	0	1	0.1	0.0	0.1	1	0	1	1.0	0.0	1.0
FALSE LABOR	644.10, 644.13	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
OTHER COMPLICATIONS OF PREGNANCY		14	0	14	1.1	0.0	1.1	32	0	32	2.3	0.0	2.3
NORMAL DELIVERY	650	22	0	22	1.8	0.0	1.8	29	0	29	1.3	0.0	1.3
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	17	0	17	1.4	0.0	1.4	23	0	23	1.4	0.0	1.4
OTHER COMPLICATIONS OF DELIVERY		68	0	68	5.5	0.0	5.5	143	0	143	2.1	0.0	2.1
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	26	0	26	2.1	0.0	2.1	116	0	116	4.5	0.0	4.5
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	19	0	19	1.5	0.0	1.5	89	0	89	4.7	0.0	4.7
DISEASES-MUSCULOSKELETAL SYS AND CONNECT TISSUE	710-739	62	0	62	5.0	0.0	5.0	217	0	217	3.5	0.0	3.5
CONGENITAL ANOMALIES	740-759	4	0	4	0.3	0.0	0.3	11	0	11	2.8	0.0	2.8
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	2	0	2	0.2	0.0	0.2	4	0	4	2.0	0.0	2.0
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	61	0	61	4.9	0.0	4.9	119	0	119	2.0	0.0	2.0
CONVULSIONS	780.3	11	0	11	0.9	0.0	0.9	24	0	24	2.2	0.0	2.2
ABDOMINAL PAIN	789.0	10	0	10	0.8	0.0	0.8	26	0	26	2.6	0.0	2.6
INJURIES AND POISONINGS	800-999	147	0	147	11.8	0.0	11.8	487	0	487	3.3	0.0	3.3
FRACTURES, ALL SITES	800-828	56	0	56	4.5	0.0	4.5	226	0	226	4.0	0.0	4.0
DISLOCATIONS, SPRAINS	830-848	5	0	5	0.4	0.0	0.4	10	0	10	2.0	0.0	2.0
LACERATIONS, OPEN WOUNDS	870-897	15	0	15	1.2	0.0	1.2	28	0	28	1.9	0.0	1.9
SUPERFICIAL INJURY, CONTUSIONS	910-929	6	0	6	0.5	0.0	0.5	22	0	22	3.7	0.0	3.7
BURNS	940-949	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
POISONINGS	960-979	17	0	17	1.4	0.0	1.4	23	0	23	1.4	0.0	1.4
SUPPLEMENTARY CLASSIFICATION	V01-V82	12	0	12	1.0	0.0	1.0	82	0	82	6.8	0.0	6.8
HEALTHY INFANT CHILD CARE	V20.1	1	0	1	0.1	0.0	0.1	2	0	2	2.0	0.0	2.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
STERILIZATION	V25.2	2	0	2	0.2	0.0	0.2	2	0	2	1.0	0.0	1.0
AFTERCARE	V51, V54, V56-V58, V66	6	0	6	0.5	0.0	0.5	71	0	71	11.8	0.0	11.8

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR TUCSON AREA

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
TOTAL, EXCLUDING NEWBORN		1145	942	203	100.0	100.0	100.0	6621	5604	1017	5.8	5.9	5.0
INFECTIOUS AND PARASITIC DISEASES	001-139	40	33	7	3.5	3.5	3.4	318	220	98	7.9	6.7	13.7
INTESTINAL INFECTIOUS DISEASES	001-009	11	10	1	1.0	1.1	0.5	43	40	3	3.9	4.0	3.0
TUBERCULOSIS, ALL FORMS	010-018	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
NEOPLASMS	140-239	9	6	3	0.8	0.6	1.5	140	113	27	15.6	18.8	9.0
MALIGNANT NEOPLASMS	140-208	9	6	3	0.8	0.6	1.5	140	113	27	15.6	18.8	9.0
ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	240-279	79	68	11	6.9	7.2	5.4	420	351	69	5.3	5.2	6.3
DIABETES MELLITUS	250	36	28	8	3.1	3.0	3.9	208	149	59	5.8	5.3	7.4
DISEASES OF THE BLOOD & BLOOD ORGANS	280-289	6	5	1	0.5	0.5	0.5	22	19	3	3.7	3.8	3.0
MENTAL DISORDERS	290-319	95	83	12	8.3	8.8	5.9	404	359	45	4.3	4.3	3.8
ALCOHOLIC PSYCHOSES	291	7	6	1	0.6	0.6	0.5	30	27	3	4.3	4.5	3.0
OTHER PSYCHOSES	290, 292-299	10	3	7	0.9	0.3	3.4	41	11	30	4.1	3.7	4.3
ALCOHOL DEPENDENCE SYNDROME	303	36	36	0	3.1	3.8	0.0	137	137	0	3.8	3.8	0.0
NON-DEPENDENT ALCDHOL ABUSE	305.0	2	2	0	0.2	0.2	0.0	4	4	0	2.0	2.0	0.0
DISEASES OF THE NERVOUS SYS & SENSE ORGANS	320-389	16	14	2	1.4	1.5	1.0	131	108	23	8.2	7.7	11.5
OTITIS MEDIA	381.0-381.4, 382	1	1	0	0.1	0.1	0.0	3	3	0	3.0	3.0	0.0
CIRCULATORY SYSTEM DISEASES	390-459	67	47	20	5.9	5.0	9.9	533	407	126	8.0	8.7	6.3
HYPERTENSIVE DISEASE	401-405	10	8	2	0.9	0.8	1.0	56	47	9	5.6	5.9	4.5
ISCHEMIC HEART DISEASE	410-414	9	6	3	0.8	0.6	1.5	57	40	17	6.3	6.7	5.7
OTHER HEART DISEASE	415-429	19	14	5	1.7	1.5	2.5	90	65	25	4.7	4.6	5.0
RESPIRATORY SYSTEM DISEASES	460-519	190	173	17	16.6	18.4	8.4	882	805	77	4.6	4.7	4.5
UPPER RESPIRATORY DISEASES	460-478	35	33	2	3.1	3.5	1.0	125	120	5	3.6	3.6	2.5
PNEUMONIA	480-486	91	81	10	7.9	8.6	4.9	426	371	55	4.7	4.6	5.5
ASTHMA	493	52	48	4	4.5	5.1	2.0	242	229	13	4.7	4.8	3.3
DIGESTIVE SYSTEM DISEASES	520-579	88	57	31	7.7	6.1	15.3	413	262	151	4.7	4.6	4.9
APPENDICITIS	540-543	5	1	4	0.4	0.1	2.0	12	1	11	2.4	1.0	2.8
GASTROENTERITIS, COLITIS	558	29	26	3	2.5	2.8	1.5	88	82	6	3.0	3.2	2.0
ALCOHOLIC LIVER DISEASE	571.0-571.3	6	3	3	0.5	0.3	1.5	71	33	38	11.8	11.0	12.7
GALL BLADDER DISEASE	574.0-574.2, 575	7	0	7	0.6	0.0	3.4	38	0	38	5.4	0.0	5.4
GENITOURINARY SYSTEM DISEASES	580-629	80	63	17	7.0	6.7	8.4	420	346	74	5.3	5.5	4.4
URINARY SYSTEM DISEASES	580-599	67	56	11	5.9	5.9	5.4	353	301	52	5.3	5.4	4.7
FEMALE GENITAL TRACT DISEASES	614-629	6	2	4	0.5	0.2	2.0	22	6	16	3.7	3.0	4.0

TABLE 10. NUMBER OF DISCHARGES, HOSPITAL DAYS, AND AVERAGE LENGTH OF STAY, BY PRINCIPAL DIAGNOSIS
INDIAN HEALTH SERVICE AND TRIBAL DIRECT AND CONTRACT GENERAL HOSPITALS, FISCAL YEAR 1996, FOR TUCSON AREA (CONTINUED)

PRINCIPAL DIAGNOSIS	ICD-9-CM CODE	NUMBER OF DISCHARGES			PERCENTAGE DISTRIBUTION			HOSPITAL DAYS			AVERAGE STAY		
		TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIRECT	CONTRACT	TOTAL	DIR	CONTRACT
COMPLICATIONS-PREGNANCY/CHILDBRTH/PUERPERIUM	630-676	57	43	14	5.0	4.6	6.9	164	127	37	2.9	3.0	2.6
SPONTANEOUS ABORTION	634	1	0	1	0.1	0.0	0.5	1	0	1	1.0	0.0	1.0
FALSE LABOR	644.10, 644.13	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
OTHER COMPLICATIONS OF PREGNANCY		23	20	3	2.0	2.1	1.5	84	81	3	3.7	4.1	1.0
NORMAL DELIVERY	650	3	3	0	0.3	0.3	0.0	3	3	0	1.0	1.0	0.0
DELIVERY WITH PERINEAL LACERATION	664.00-664.41	3	2	1	0.3	0.2	0.5	6	4	2	2.0	2.0	2.0
OTHER COMPLICATIONS OF DELIVERY		13	6	7	1.1	0.6	3.4	31	13	18	2.4	2.2	2.6
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	169	154	15	14.8	16.3	7.4	1307	1178	129	7.7	7.6	8.6
CELLULITIS AND ABSCESS, EXCEPT DIGIT	682	130	118	12	11.4	12.5	5.9	953	895	58	7.3	7.6	4.8
DISEASES-MUSCULOSKEL SYS AND CONNECT TISSUE	710-739	44	37	7	3.8	3.9	3.4	432	395	37	9.8	10.7	5.3
CONGENITAL ANOMALIES	740-759	1	1	0	0.1	0.1	0.0	7	7	0	7.0	7.0	0.0
CONDITIONS ORIGINATING IN PERINATAL PERIOD	760-779	8	7	1	0.7	0.7	0.5	24	23	1	3.0	3.3	1.0
SHORT GESTATION, LOW BIRTHWEIGHT DISORDERS	765	1	1	0	0.1	0.1	0.0	9	9	0	9.0	9.0	0.0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	71	64	7	6.2	6.8	3.4	240	228	12	3.4	3.6	1.7
CONVULSIONS	780.3	20	19	1	1.7	2.0	0.5	56	55	1	2.8	2.9	1.0
ABDOMINAL PAIN	789.0	10	7	3	0.9	0.7	1.5	26	21	5	2.6	3.0	1.7
INJURIES AND POISONINGS	800-999	102	65	37	8.9	6.9	18.2	589	480	109	5.8	7.4	2.9
FRACTURES, ALL SITES	800-828	25	11	14	2.2	1.2	6.9	141	75	66	5.6	6.8	4.7
DISLOCATIONS, SPRAINS	830-848	4	1	3	0.3	0.1	1.5	11	6	5	2.8	6.0	1.7
LACERATIONS, OPEN WOUNDS	870-897	11	8	3	1.0	0.8	1.5	39	35	4	3.5	4.4	1.3
SUPERFICIAL INJURY, CONTUSIONS	910-929	8	6	2	0.7	0.6	1.0	92	89	3	11.5	14.8	1.5
BURNS	940-949	13	12	1	1.1	1.3	0.5	136	133	3	10.5	11.1	3.0
POISONINGS	960-979	3	2	1	0.3	0.2	0.5	9	8	1	3.0	4.0	1.0
SUPPLEMENTARY CLASSIFICATION	V01-V82	23	22	1	2.0	2.3	0.5	177	176	1	7.7	8.0	1.0
HEALTHY INFANT CHILD CARE	V20.1	4	4	0	0.3	0.4	0.0	13	13	0	3.3	3.3	0.0
PRENATAL, POSTPARTUM SUPERVISION	V22-V24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
STERILIZATION	V25.2	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
AFTERCARE	V51, V54, V56-V58, V66	15	15	0	1.3	1.6	0.0	158	158	0	10.5	10.5	0.0

APPENDIX

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APPENDIX I - Data Forms

CLINICAL RECORD BRIEF - IHS INPATIENT SERVICES

P.L. 96-511 7 A RECORDED COPY 15

1. IHS UNIT NUMBER		2. SOCIAL SECURITY NO.		10. CLASSIF. CODE		11. FACILITY NAME		12. FACILITY CODE					
3. LAST NAME (capitalized) FIRST, MIDDLE				13. AGE		14. RELIGION		15. HR. ADMITTED		16. ADMISSION CODE			
4. BIRTHDATE (mo., day, yr.)		5. SEX		6. TRIBE		7. OPTIONAL		17. CLINICAL SERVICE ADMITTED TO		19. DATE ADMITTED (mo., day, yr.)			
8. COMMUNITY, COUNTY, STATE CODE						18. CLINICAL SERV. CODE		20. DISPOSITION DATE (mo., day, yr.)					
9. PRESENT ADDRESS				21. ADMITTING CLERK				22. NO. DAYS IN HOSPITAL					
23. NEXT OF KIN				RELATIONSHIP				ADDRESS				TELEPHONE	
24. PERSON TO NOTIFY (if not next of kin)				RELATIONSHIP				ADDRESS				TELEPHONE	
25. ADMITTING DIAGNOSIS/ADMITTING DOCTOR						25a. MEDICAID <input type="checkbox"/> ID # _____ MEDICARE <input type="checkbox"/> ID # _____ VA <input type="checkbox"/> ID # _____ OTHER <input type="checkbox"/> ID # _____							
26. ICD-9-CM DIAG. NOSIS CODE		27. HOSP. ACQ. INFECTION OR ACCIDENT		28. ESTABLISHED DIAGNOSIS AFTER STUDY (including complications). USE STANDARD TERMINOLOGY ONLY.									
				(1)									
				(2)									
				(3)									
				(4)									
				(5)									
				(6)									
29. ICD-9-CM OPERATIONS CODE		30. FOR DIAG. (Enter (1), (2)...(6) from 28 above)		31. OPERATIVE AND SELECTED PROCEDURES				32. POST-OP INFECTION YES NO		33. DATE		33a. OPERATING PHY. CODE	
(Continue on Reverse)													
34. DISPOSITION (check one)				35. NAME OF FACILITY TRANSFERRED TO				36. FACILITY CODE					
1. DISCHARGED		DIED WITHIN 48 HOURS											
		4. WITH AUTOPSY											
2. TRANSFERRED		5. WITHOUT AUTOPSY		37. CLINICAL SERVICE DISCHARGED FROM				38. CLINICAL SERV. CODE					
		DIED AFTER 48 HOURS											
3. IRREGULAR DISCHARGE		6. WITH AUTOPSY		39. CONSULTATIONS (number)									
		7. WITHOUT AUTOPSY											
40. DATE OF INJURY		41. ALLEGED CAUSE OF INJURY (include hospital accidents)				42. ICD-9-CM E-CODE		43. PLACE OF INJURY		44. PLACO			
45. CAUSE OF DEATH (immediate)		46. DUE TO		47. DUE TO (underlying cause)		48. UNDERLYING CAUSE (DEATH CODE)							
49. DATE		50. ATTENDING PHYSICIAN'S SIGNATURE				50a. ATTENDING PHYSICIAN CODE		51. REVIEWED BY					

PROMPT PAYMENT ACT APPLIES
SEE CONDITIONS ON
REVERSE OF 4TH COPY

CONTRACT HEALTH SERVICE
PURCHASE ORDER FOR HOSPITAL SERVICES RENDERED

RECORD CODE 12
1 ORDER NO

2-9 PATIENT IDENTIFICATION (Enter IHS Unit Number Social Security Number
name etc See instructions)

12 ORDERING FACILITY AND PROVIDER

13 CONTRACT NO

14 CAN NO

15 FY SUB-OBJ CODE

10 SIGNATURE - ORDERING OFFICIAL

11 DATE

16 OPTIONAL

17 ESTIMATED
DAYS

18 ESTIMATED CHARGES

PROVIDER: If it is determined to be medically necessary to incur expenses in excess of the estimated charges: FIRST CONTACT THE ORDERING OFFICIAL READ INSTRUCTIONS ON REVERSE OF ORIGINAL AND 4th PROVIDER COPY PAYMENT OF EXCESS CHARGES ARE NOT AUTHORIZED HEREIN

19 ADMISSION DATE (Mo. Day. Yr.)

20 DISCHARGE DATE (Mo. Day. Yr.)

21 TOTAL DAYS

22 TYPE OF DISPOSITION (Check One)

1. ☐ DISCHARGE 2. ☐ DISCHARGE 3. ☐ DIED 48 Hours Less than 4. ☐ DIED 48 Hours Over 5. ☐ TRANSFERRED To _____

23 ICD-9-CM
DIAGNOSTIC
CODE

24 ESTABLISHED DIAGNOSES (INCLUDING COMPLICATIONS;
USE STANDARD TERMINOLOGY ONLY

Show reason for admission as first diagnosis

(1)

(2)

(3)

(4)

(5)

25 ICD-9-CM
OPERATION
CODE

26 OPERATIVE AND SELECTED PROCEDURES
(LIST IN ORDER OF SIGNIFICANCE)

27 DATE

28 DIAGNOSIS OF NEWBORN ON DISCHARGE

29 ICD-9-CM
CODE

30 CHECK IF

NB DEATH

STILLBORN

1 ☐

2 ☐

31 ATTENDING PHYSICIAN'S NAME

32 PHYSICIAN
CODE

INJURIES

33 DATE

34 ALLEGED CAUSE

35 ICD-9-CM
CODE

36 PLACE

37 PLACE
CODE

BILLING
INSTRUCTIONS

1. If per diem used, complete the following and enter
total in Box 38.
2. If billed charges, attach itemized bill showing all charges
and enter total in Box 38.

_____ X _____
(Per diem rate) (Total days)

38 TOTAL CHARGES TO IHS

I hereby certify that the above described
services were provided

39 SIGNATURE OF PROVIDER

40 DATE

41 MARK ONE

FULL PAY

☐

PARTIAL PAY

☐

PAYMENT IS HEREBY AUTHORIZED

42 SIGNATURE OF ORDERING OFFICER

43 DATE

HRSA 43-1A
10-84

DEPARTMENT OF HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE
HEALTH RESOURCES AND SERVICES ADMINISTRATION
INDIAN HEALTH SERVICE

Negotiated Pursuant To
41 USC 252 (c) (3) ☐
41 USC 252 (c) (4) ☐

Form Approved
OMB No 0915-0021
Expires 9-86

ORIGINAL

FINANCE

APPENDIX II - DEFINITIONS OF SELECT TERMS USED IN THIS REPORT

Hospitals and Hospital Characteristics

Direct Hospitals - Direct hospitals are general, short-stay hospitals operated by the Indian Health Service or by the tribes.

Contract Hospitals - Contract Hospitals are general short-stay community hospitals that provide inpatient services under contract to the IHS or to the tribes.

Short-Stay Hospitals - Short-stay hospitals are general community hospitals with 6 beds or more for inpatient use and an average length of stay of less than 30 days.

Patient - A person who is formally admitted to the inpatient service of a short-stay hospital for observation, care, diagnosis, or treatment is considered a patient. In this report the number of patients refers to the number of discharges during the year, including any multiple discharges of the same individual from one or more short-stay hospitals. Newborn infants, defined as those admitted by birth to the hospital, are excluded from the tables in this report. Infants admitted on the day of birth directly or by transfer from another medical facility, with or without mention of a disease, disorder, or immaturity are included. In IHS and contract hospitals, newborn infants remaining in the hospital for more than 5 days are automatically admitted and counted as a new patient as of that day.

Discharge - Discharge is the formal release of a patient by a hospital; that is, the termination of a period of hospitalization by death or disposition to place of residence, nursing home, or another hospital. The terms "discharges" and "patients discharged" are used synonymously.

Discharge Rate - The ratio of the number of hospital discharges during a year to the number of persons in the population of that year determines the discharge rate.

Age Adjusted Discharge Rate - The IHS and U.S. discharges rates are age adjusted, when appropriate, to the 1970 civilian non-institutionalized population using the following four age groups: under 15 years, 15-44 years, 45-64 years, and 65 years and over.

Days of Care or Hospital Days - The total number of patient days accumulated at the time of discharge by patients discharged from short-stay hospitals during a year constitutes days of care. A stay of less than 1 day (patient admission and discharge on the same day) is counted as 1 day in the summation of total days of care. For patients admitted and discharged on different days, the number of days of care is computed by counting all days from (and including) the date of admission to (but not including) the date of discharge.

Average Length of Stay (ALOS) - The average length of stay is the total number of hospital days accumulated at time of discharge by patients discharged during the year divided by the number of patients discharged.

Diagnoses and Procedures

Discharge Diagnoses - One or more diseases or injuries (or some factor that influences health status and contact with health services that is not itself a current illness or injury) diagnosed by the attending physician and listed on the Clinical Record Brief (Form IHS-44-1) for IHS hospitals and Purchase Order for Hospital Services Rendered (Form IHS-43-1) for contract hospitals for each patient. Each discharge is assigned a maximum of six 5-digit codes according to ICD-9-CM. The number of principal or first-listed diagnoses is equivalent to the number of discharges.

Principal Diagnosis - The condition established after study to be chiefly responsible for occasioning the admission of the patient to the hospital for care is called the principal diagnosis.

First-Listed Diagnosis - The coded diagnosis identified as the principal diagnosis which is listed first on Form IHS-43-1 (contract hospitals) and Form IHS-44-1 (direct hospitals) is the first-listed diagnosis.

Procedure - A procedure is one or more surgical or non-surgical operations, procedures, or special treatments performed by the physician and listed on Form IHS-43-1 (contract hospitals) and Form IHS-44-1 (direct hospitals) for each patient. A maximum of three 4-digit codes is assigned per discharge according to ICD-9-CM. This report covers all listed procedures for each patient.

Demographics

Age - Patient's age refers to age at time of admission to the hospital inpatient services.

Area - The IHS is comprised of 11 regional administrative units called Areas. In addition, an IHS headquarters Office located in Tucson is responsible for delivering health services in that area. For statistical purposes, the Tucson Office is also considered an Area Office, thereby making a total of 12 IHS Areas.

Area Names:

Aberdeen Area
Alaska Area
Albuquerque Area
Bemidji Area
Billings Area
California Area

Nashville Area
Navajo Area
Oklahoma Area
Phoenix Area
Portland Area
Tucson Area



