# 2013 Hospital Inpatient Discharge Data Annual Report

Health Systems Epidemiology Program Epidemiology and Response Division New Mexico Department of Health



## 2013 Hospital Inpatient Discharge Data Annual Report

Report Prepared by: Victoria F. Dirmyer, PhD Abubakar Ropri, MPH

Dataset Prepared by:
Gabriel Worley
Brian Woods

Health Systems Epidemiology Program Epidemiology and Response Division New Mexico Department of Health



Retta Ward, MPH, Secretary of Health Lynn Gallagher, Deputy Secretary of Health Michael Landen, MD, MPH, State Epidemiologist



| Executive Summary  | 6  |
|--|----|
| Sources of Data  | 8  |
| Key Findings   | 9  |
| Overview of Hospitals and Hospitalizations in New Mexico   |    |
| New Mexico Health and Human Services Regions   | 11 |
| Location of New Mexico Hospitals   | 11 |
| Service Category of Participating New Mexico Hospitals   | 12 |
| Overall Hospital Inpatient Discharges  |    |
| Demographic Characteristics of Discharged Patients   |    |
| Figure 1. Discharges by Age and Gender, New Mexico, 2013   | 13 |
| Figure 2. Discharge Rates by Age and Gender, New Mexico, 2013  | 13 |
| Figure 3. Discharges by Health Region and Gender, New Mexico, 2013                                     | 14 |
| Figure 4. Discharge Rates by Health Region and Gender, New Mexico, 2013                                | 14 |
| Figure 5. Discharges by Age and Gender, New Mexico, 2011-2013  | 15 |
| Figure 6. Discharge Rates by Health Region and Gender, New Mexico, 2011-2013.                          | 15 |
| Figure 7. Discharges by Age and Gender, New Mexico (2012-2013) and                                     |    |
| United States (2010)   | 16 |
| Discharges by Length of Stay   |    |
| Figure 8. Percent of Hospital Inpatient Discharges by Average Length of Stay and Age, New Mexico, 2013 | 16 |
| Discharges by National Center for Health Statistics Top 21 Diagnoses                                   |    |
| Table 1. Number of Discharges by NCHS Category and Gender, New Mexico, 2013                            | 17 |
| Table 2. Discharge Rates by NCHS Category and Gender, New Mexico, 2013                                 | 18 |
| Table 3. Number of Discharges by NCHS Category and Age Group, New Mexico,                              |    |
| 2013   | 19 |
| Table 4. Discharge Rates by NCHS Category and Age Group, New Mexico, 2013                              | 20 |
| Table 5. Number of Discharges by NCHS Category and Health Region,                                      |    |
| New Mexico, 2013   | 21 |
|  | 21 |
| Table 6. Discharges Rates by NCHS Category and Health Region,  | 22 |
| New Mexico, 2013   | 22 |
| Figure 9. Discharge Rates by NCHS Category, New Mexico (2011-2013) and United States (2010)            | 23 |



| Patient Discharge Status  |           |
|---|-----------|
| Figure 10. Percent of Discharges by Discharge Status and Gender, New Mexico, 2013                               | 24        |
| Table 7. Number of Discharges by Discharge Status and Gender, New Mexico, 2013                                  | 24        |
| In-Hospital Mortality   |           |
| Figure 11. Rate of Expired Discharges by Age, New Mexico, 2011-2013   | 25        |
| Figure 12. Rate of Expired Discharges by Health Region, New Mexico, 2011-2013.                                  | 25        |
| Leaving Against Medical Advice  |           |
| Figure 13. Rate of AMA Discharges by Age, New Mexico, 2011-2013   | 26        |
| Figure 14. Rate of AMA Discharges by Health Region, New Mexico, 2011-2013                                       | 26        |
| Special Topic: Ambulatory Care Sensitive Conditions   |           |
| Figure 15. Age-Adjusted Rates for Top 3 ACSCs (per 100,000 Population) by Year, New Mexico, 2011-2013           | 27        |
| Figure 16. Rate of Bacterial Pneumonia (per 100,000 Population) by Health Region, New Mexico, 2011-2013         | 27        |
| Figure 17. Rate of Diabetes (per 100,000 Population) by Health Region, New Mexico, 2011-2013                    | 28        |
| Figure 18. Rate of Coronary Heart Failure (per 100,000 Population) by Health Region, New Mexico, 2011-2013      | 28        |
| Appendix  |           |
| Appendix Table 1. Number of Discharges by Category of First-Listed Diagnosis and Gender, New Mexico, 2013       | 30        |
| Appendix Table 2. Discharge Rates by Category of First-Listed Diagnosis and Gender,                             |           |
| New Mexico, 2013  | 31        |
| Appendix Table 3. Number of Discharges by Category of First-Listed Diagnosis and Age Group, New Mexico, 2013    | 32        |
| Appendix Table 4. Discharge Rates by Category of First-Listed Diagnosis and Age Group, New Mexico, 2013         | 33        |
| Appendix Table 5. Number of Discharges by Category of First-Listed Diagnosis and Health Region New Mexico, 2013 | on,<br>34 |



#### Appendix-Continued

| Appendix Table 6. Discharge Rates by Category of First-Listed Diagnosis and Health Region, |    |
|--|----|
| New Mexico, 2013   | 35 |
| Appendix Figure 1. Discharge Rates by Category of First-Listed Diagnosis, New Mexico       |    |
| (2011-2013) and United States (2010)   | 36 |
| Appendix Table 7. Average Length of Stay by Category of First-Listed Diagnosis and         |    |
| Gender, New Mexico, 2013   | 37 |
| Appendix Table 8. Average Length of Stay by Category of First-Listed Diagnosis and         |    |
| Health Region, New Mexico, 2013  | 38 |
| Appendix Table 9. Average Length of Stay by Category of First-Listed Diagnosis and         |    |
| Age Group, New Mexico, 2013  | 39 |



The New Mexico Health Information System (HIS) was established in 1989 pursuant to the Health Information System Act, Section 24-14A-1 through Section 24-14A-10 NMSA 1978. The NMDOH is charged with creating rules regarding the collection, use and reporting of these data (NMAC 7.1.27). The rule relates to several specific areas, including specific information to be reported by state licensed general and specialty hospitals, the data access policy and public reporting requirements.

The NMDOH maintains the Hospital Inpatient Discharge Database (HIDD). This report is based on data generated from the HIDD. The hospital inpatient diagnoses contained in the database were coded using the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM). General and specialty hospitals in the state are annually required to report hospital inpatient discharge data to the NMDOH. Federal facilities are not required to report HIDD data to the NMDOH. Therefore, data from Indian Health Service (IHS) facilities and the Veterans Affairs (VA) Hospital are not included. However, the NMDOH is exploring ways to access IHS and VA Hospital data.

An inpatient discharge occurs when a patient is admitted overnight to a hospital and leaves that hospital. Thus, an individual who is transferred from hospital A to hospital B would be included in the discharges from hospital A with a second discharge from hospital B.

This report presents overall New Mexico hospital inpatient discharge numbers, rates, and average lengths of stay by age, gender and region. In 2013, 37 general and 10 specialty hospitals reported hospital inpatient discharge data to the NMDOH. These 37 non-federal, general hospitals reported a total of 159,915 discharges for New Mexico State residents (data from specialty hospitals were not included in this report). Duplicate records and records with out-of-state or unknown zip codes, unknown age, unknown gender, unknown or invalid primary diagnosis codes and discharges that were not inpatient discharges were excluded from this count. Discharges of newborns were also excluded to be consistent with federal reporting standards.

Of the 159,915 reported discharges, approximately 60 percent were among females and 40 percent were among males. Thirty-six percent of all discharges occurred among residents over the age of 64 years. The highest discharge rate by region was 825.4 discharges per 10,000 population in the Southeast region, and the lowest rates were in the Metro region (708.8 discharges per 10,000 population).



This report is intended to be a reference document for researchers and planners and does not include interpretation or hypotheses. Although data is verified with the submitting hospital, all data and information presented in this report are as submitted by reporting hospitals to the NMDOH. The original data is the responsibility of the submitting hospital.

Several records were excluded from the data reported in this report. As indicated in the table below, duplicate records and records with out-of-state or unknown zip codes, unknown age, unknown gender, unknown or invalid primary diagnosis codes and discharges that were not inpatient discharges or discharges from specialty hospitals were excluded. Discharges of newborns were excluded to be consistent with federal reporting standards. At this time, specialty hospitals (rehabilitation and behavioral health facilities) are not included in this report due to an incomplete dataset. In the future, we plan to gather data from all available specialty hospitals to better represent mental health conditions in New Mexico.

| Excluded Records<br>2013 HIDD                 |         |  |  |  |  |
|---|---------|--|--|--|--|
| <b>Total Records Collected</b>                | 201,300 |  |  |  |  |
| Specialty Hospital Discharges                 |         |  |  |  |  |
| Duplicates                                    |         |  |  |  |  |
| Unknown Age                                   |         |  |  |  |  |
| Unknown Gender                                |         |  |  |  |  |
| Out-of-State of Unknown Zip Code              |         |  |  |  |  |
| Invalid Diagnosis Code (Primary Diagnosis=    | =000.8) |  |  |  |  |
| Unknown Primary Diagnosis                     |         |  |  |  |  |
| Newborns                                      |         |  |  |  |  |
| Not an Inpatient Record                       |         |  |  |  |  |
| Remaining Records Used in 2013 HIDD Reporting | 159,915 |  |  |  |  |



New Mexico Hospital Inpatient Discharge Data: All New Mexico general and specialty hospitals are required to report hospital inpatient discharge data to the NMDOH quarterly. The NMDOH maintains the Hospital Inpatient Discharge Database (HIDD). The 2013 New Mexico data presented in this report was generated from the HIDD. The HIDD dataset is uploaded to NMDOH's public health information resource: NM-IBIS (https://ibis.health.state.nm.us/). The majority of the tables and graphs included in this report were generated from queries completed on this platform.

United States Hospital Inpatient Discharge Data: U.S. data used for comparison with New Mexico State data were provided by the National Center for Health Statistics' National Health Statistics Reports. The report presents the most current nationally representative data on inpatient care, excluding newborns, in the U.S. Data are from the 2010 National Hospital Discharge Survey, the longest continuously running nationally representative survey of hospital utilization. This survey is a probability sample survey of non-federal hospitals.

**State Population Estimates**: State population estimates used for the denominator in hospitalization discharge rates were generated by the NM Population Estimates, Geospatial and Population Studies (GPS) Program, University of New Mexico. The GPS evaluates all input data and employs a housing unit-based methodology, validated by building permits and birth/death records. Population denominators 2013 were used. Rates were age-adjusted to the 2000 U.S. standard population, when indicated.

Ambulatory Care Sensitive Conditions: High rates of ambulatory care sensitive conditions (ACSC) are an indication of a lack of access to, availability of, or quality of primary care services. Quality of primary care services is illustrated by low rates of ACSCs. ACSCs are illnesses that can often be managed effectively on an outpatient basis and generally do not result in hospitalization if managed properly. These conditions include, but are not limited to asthma, bacterial pneumonia, dehydration, and congestive heart failure. These conditions commonly impact a large number of people and often result in unnecessary hospitalizations. This causes health care costs to increase, which could be avoided through quality primary care and early interventions.

The Agency of Healthcare Quality and Research's (AHRQ) Prevention Quality Indicators calculation methods were used for this analysis. The New Mexico Hospital Inpatient Discharge Database (NM-HIDD) for 2013 was used to calculate age-adjusted rates per 100,000 population for the ambulatory care sensitive conditions. The American Indian/Alaska Native population was excluded from the calculation of these rates due to the lack of Indian Health Service data in the NM-HIDD. Top 3 conditions were chosen from the 2013 ACSC analysis. To analyze the trend, the rates were compared to the rates for these conditions for 2011 and 2012 hospitalization dataset. In addition, to calculating the New Mexico rates for the top 3 conditions, rates by health region were also calculated to identify trends within the regions.

**Definitions:** Definitions for diagnoses and procedures presented in this report may be found at <a href="http://icd9.chrisendres.com">http://icd9.chrisendres.com</a>.



#### Demographic Characteristics of Discharged Patients

- Among patients less than 15 years old, 54.6% were male. Among patients 15-44 years old, 74.8% were female. The discharge rate among females aged 15-44 was 957.4 per 10,000 population compared to 312.5 per 10,000 for male patients in the same age group.
- Among all five health regions, there were more female discharged patients compared to male discharged patients.
- The Southeast region had the highest discharge rate for females at 1,013.2 per 10,000 population and the highest overall discharge rate (both males and females combined) at 825.4 per 10,000 population. The highest discharge rate for males was in the Northwest region at 706.0 per 10,000 population.
- From 2011-2013, there has been a slight decrease in the discharge rate of females for all five health regions. Among male patients, the Southeast and Southwest regions have seen a slight increase in discharge rates from 2011-2013.
- Comparing discharge rates between New Mexico (2012-2013) and the U.S. (2010), New Mexico had lower discharge rates for all 4 age groups (<15 Years, 15-44 Years, 45-64 Years, and 65+ Years), as well as for both males and females.
- Patients who were between the ages of 15-44 years had the lowest average length of stay. Patients who were less than 15 years old had the longest average length of stay.

- The top five reasons for hospitalization by category of the NCHS top 21 diagnoses for males were Heart Disease (7,244), Psychoses\* (3,945), Septicemia (3,477), Pneumonia (2,932), and Malignant Neoplasms (2,243).
- The top five reasons for hospitalization by category of NCHS top 21 diagnoses for females were Heart Disease (5,812), Psychoses (3,650), Septicemia (3,600), Osteoarthritis and Allied Disorders (3,074), and Fractures (3,015).
- The top reason for hospitalization by category of NCHS top 21 diagnoses for patients less than 15 years old was Pneumonia (975), among patients 15-44 years was Psychoses (3,674), among patients 45-64 years was Heart Disease (3,812), and among patients 65 or older was Heart Disease (8,491).
- The top reason for hospitalization by category of NCHS top 21 diagnoses for the Northwest, Northeast, Metro, and Southwest regions was Heart Disease (1,345; 1,816; 5,330; and 2,862 respectively). The top reason for hospitalization in the Southeast region was Psychoses\* (1,922).

<sup>\*</sup>See notation on page 7 regarding Specialty Hospitals.

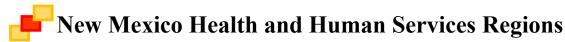


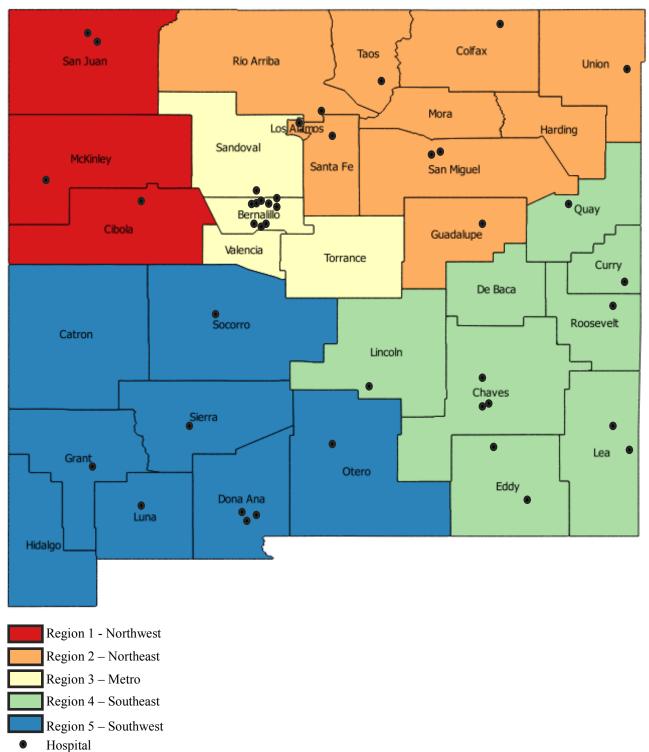
#### Patient Discharge Status

- Among males and females patients, 70% and 76% of the discharges were routine, respectively. Transfers/ discharges to another skilled facility/hospital occurred 20% and 17% of the time, respectively.
- Among female patients, 554 (<0.1%) left against medical advice and 1,523 (1.7%) died during their hospital stay.
- Among male patients, 890 (1.4%) left against medical advice and 1,653 (2.6%) died during their hospital stay.
- The rate of patients leaving against medical advice increased from 2011 to 2013 among patients aged 15-44, 45-64, and 65+ years.
- The Southeast region had the largest increase in the rate of patients leaving against medical advice, increasing from 7.5 per 10,000 population in 2011 to 10.6 per 10,000 population in 2013.
- The rate of patients who died while an inpatient remained relatively constant from 2011 to 2013.
- The Northeast region had a slight increase in the rate of patients who died while an inpatient; increasing from 14.4 per 10,000 population in 2011 to 15.6 per 10,000 population in 2013.

#### Ambulatory Care Sensitive Conditions

- Bacterial Pneumonia has remained the condition with the highest hospitalization rate for all three years analyzed.
- From 2011-2013, the rates for Bacterial Pneumonia and Diabetes have been trending downwards. However, Congestive Heart Failure rates have increased slightly in the last three years.
- For 2013, the Southeast region had the highest rate for Bacterial Pneumonia at 339.0 per 100,000 population. The Northwest region had the highest rate for both Diabetes (186.8 per 100,000 population) and the highest rate for Congestive Heart Failure (195.0 per 100,000 population).







| General Hospitals Reporting in 2013           |   |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
| Advanced Care Hospital of Southern NM         | Memorial Medical Center                 |  |  |  |  |  |  |
| Alta Vista Regional Hospital                  | Mimbres Memorial Hospital               |  |  |  |  |  |  |
| Artesia General Hospital                      | Miners' Colfax Medical Center           |  |  |  |  |  |  |
| Carlsbad Medical Center                       | Mountain View Regional Medical Center   |  |  |  |  |  |  |
| CHRISTUS St. Vincent Regional Medical Center/ | Nor-Lea General Hospital                |  |  |  |  |  |  |
| Physician's Medical Center of Santa Fe        |   |  |  |  |  |  |  |
| Cibola General Hospital                       | Plains Regional Medical Center - Clovis |  |  |  |  |  |  |
| Dr. Dan C Trigg Memorial Hospital             | Presbyterian Hospital                   |  |  |  |  |  |  |
| Eastern NM Medical Center                     | Presbyterian Espanola Hospital          |  |  |  |  |  |  |
| Gerald Champion Regional Medical Center       | Presbyterian Kaseman Hospital           |  |  |  |  |  |  |
| Gila Regional Medical Center                  | Presbyterian Rust Medical Center        |  |  |  |  |  |  |
| Guadalupe County Hospital                     | Rehoboth McKinley Christian Health      |  |  |  |  |  |  |
| Holy Cross Hospital                           | Roosevelt General Hospital              |  |  |  |  |  |  |
| Lea Regional Hospital                         | San Juan Regional Medical Center        |  |  |  |  |  |  |
| Lincoln County Medical Center                 | Sierra Vista Hospital                   |  |  |  |  |  |  |
| Los Alamos Medical Center                     | Socorro General Hospital                |  |  |  |  |  |  |
| Lovelace Medical Center/Heart Hospital of NM  | Union County General Hospital           |  |  |  |  |  |  |
| Lovelace Regional Hospital-Roswell            | UNM Hospital                            |  |  |  |  |  |  |
| Lovelace Westside Hospital                    | UNM Sandoval Regional Medical Center    |  |  |  |  |  |  |
| Lovelace Women's Hospital                     |   |  |  |  |  |  |  |

## — Demographic Characteristics of Discharged Patients

Figure 1. Number of Discharges by Age and Gender, New Mexico, 2013

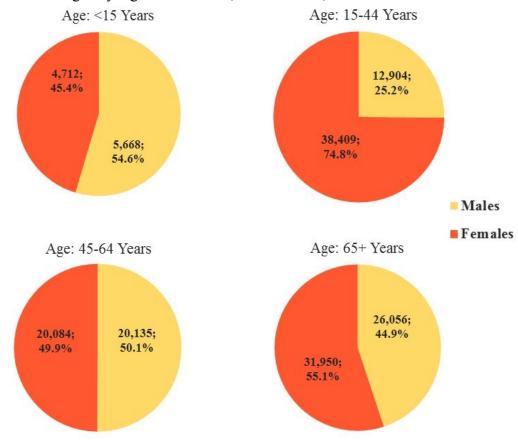
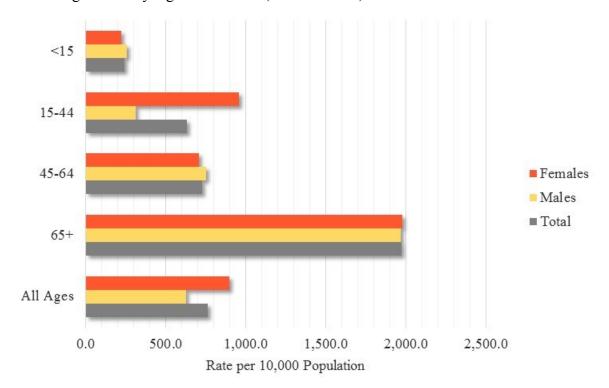


Figure 2. Discharge Rates by Age and Gender, New Mexico, 2013



<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

## — Demographic Characteristics of Discharged Patients

Figure 3. Number of Discharges by Health Region and Gender, New Mexico, 2013

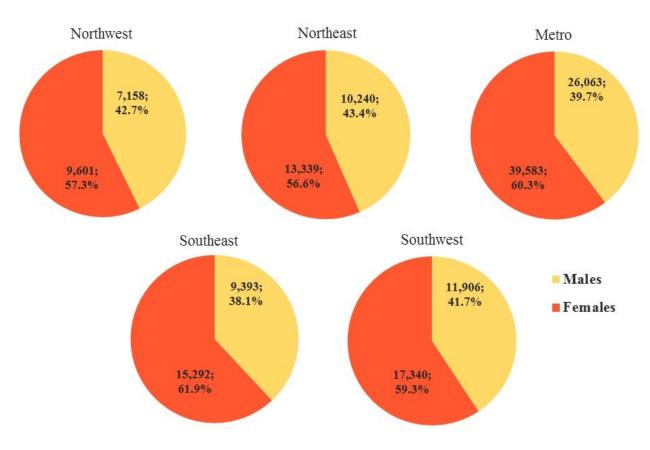
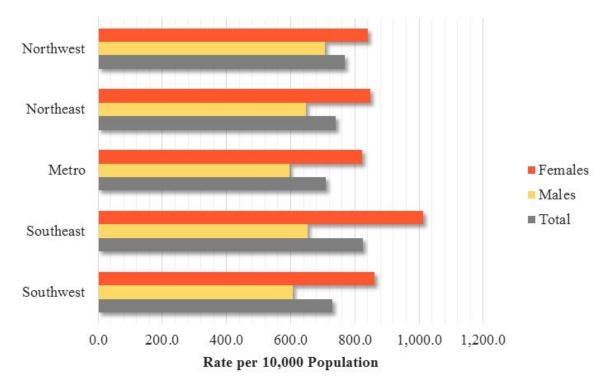


Figure 4. Discharge Rates by Health Region and Gender, New Mexico, 2013



<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

## Demographic Characteristics of Discharged Patients

Figure 5. Discharges Rates by Age and Gender, New Mexico, 2011-2013

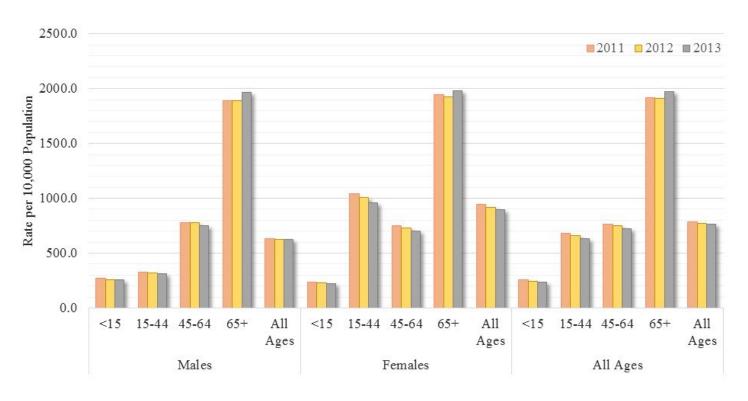
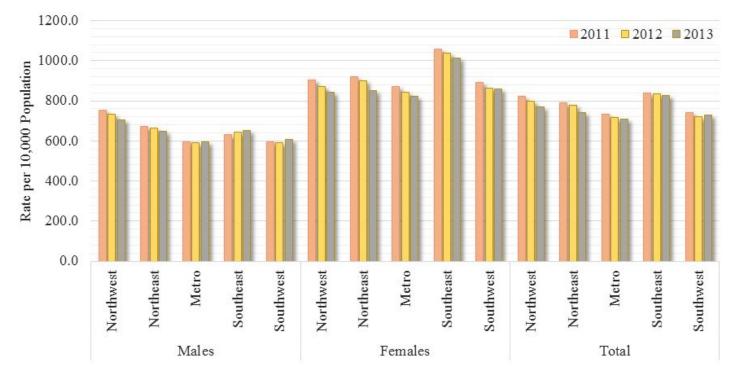


Figure 6. Discharge Rates by Health Region and Gender, New Mexico, 2011-2013



<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

## — Demographic Characteristics of Discharged Patients

Figure 7. Discharge Rates by Age and Gender, New Mexico (2012-2013) and United States (2010)

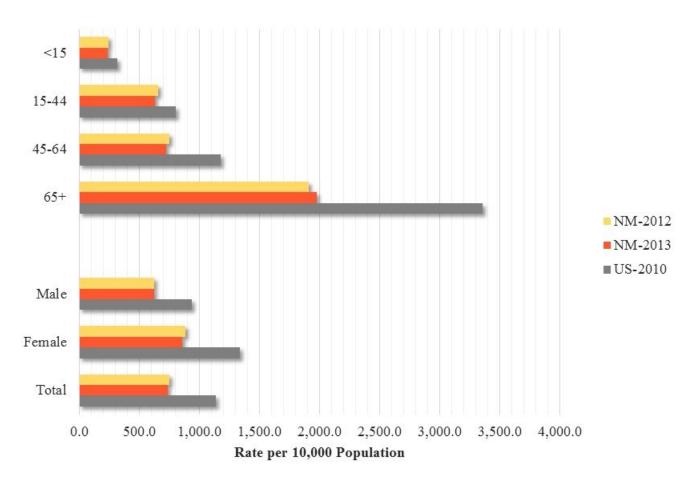
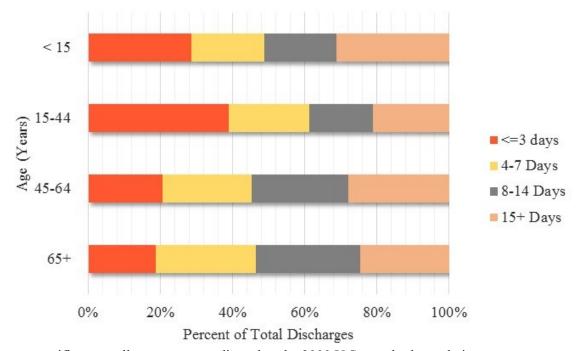


Figure 8. Percent of Hospital Inpatient Discharges by Average Length of Stay and Age, New Mexico, 2013



<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

Table 1. Number of Discharges by NCHS Category and Gender, New Mexico, 2013

| Principal Diagnosis Group                          | Diagnosis Codes (ICD-9CM Codes)                      | # of Males | # of Females | Total  |
|--|--|------------|--------------|--------|
| Heart Disease                                      | 391-392.0,393-398,<br>402, 404, 410-416, 420-<br>429 | 7,244      | 5,812        | 13,056 |
| Pneumonia  | 480-486  | 2,932      | 2,998        | 5,930  |
| Cerebrovascular Disease                            | 430-438  | 1,690      | 1,822        | 3,512  |
| Malignant Neoplasms                                | 140-208, 230-234                                     | 2,243      | 2,262        | 4,505  |
| Fractures  | 800-829  | 2,162      | 3,015        | 5,177  |
| Osteoarthritis and Allied Disorders                | 715  | 1,988      | 3,074        | 5,062  |
| Chronic Bronchitis                                 | 491  | 1,193      | 1,442        | 2,635  |
| Urinary Tract Infection, Site not specified        | 599.0  | 632        | 1,310        | 1,942  |
| Certain Complications of Surgical and Medical Care | 996-999  | 1,990      | 2,028        | 4,018  |
| Septicemia   | 038  | 3,477      | 3,600        | 7,077  |
| Psychoses  | 290-299  | 3,945      | 3,650        | 7,595  |
| Diabetes Mellitus                                  | 250  | 1,804      | 1,420        | 3,224  |
| Cellulitis and Abscess                             | 681-682  | 1,708      | 1,371        | 3,079  |
| Diverticula of Intestine                           | 562  | 643        | 819          | 1,462  |
| Intestinal Obstruction                             | 560  | 830        | 951          | 1,781  |
| Anemias  | 280-285  | 414        | 502          | 916    |
| Choleithiasis                                      | 574  | 786        | 1,370        | 2,156  |
| Essential Hypertension                             | 401  | 138        | 222          | 360    |
| Asthma   | 493  | 780        | 1,009        | 1,789  |
| Noninfectious Enteritis and<br>Colitis             | 555-558  | 404        | 778          | 1,182  |
| Chest Pain   | 786.5  | 476        | 615          | 1,091  |
| Abdominal Pain                                     | 789  | 239        | 405          | 644    |
| All other Diagnoses                                |  | 27,042     | 54,680       | 81,722 |
| Total  |  | 37,718     | 40,475       | 78,193 |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

Table 2. Discharge Rates (per 10,000 population) by NCHS Category and Gender, New Mexico, 2013

| Principal Diagnosis Group                          | Diagnosis Codes<br>(ICD-9CM Codes)                   | Male Rate | Female Rate | NM Rate |
|--|--|-----------|-------------|---------|
| Heart Disease                                      | 391-392.0,393-398,<br>402, 404, 410-416, 420-<br>429 | 68.9      | 46.0        | 56.7    |
| Pneumonia  | 480-486  | 29.1      | 25.2        | 26.9    |
| Cerebrovascular Disease                            | 430-438  | 16.4      | 14.4        | 15.4    |
| Malignant Neoplasms                                | 140-208, 230-234                                     | 20.4      | 18.4        | 19.2    |
| Fractures  | 800-829  | 22.0      | 24.4        | 23.8    |
| Osteoarthritis and Allied Disorders                | 715  | 17.2      | 23.4        | 20.4    |
| Chronic Bronchitis                                 | 491  | 11.2      | 11.2        | 11.1    |
| Urinary Tract Infection, Site not specified        | 599.0  | 6.6       | 10.7        | 8.8     |
| Certain Complications of Surgical and Medical Care | 996-999  | 18.7      | 17.3        | 17.9    |
| Septicemia   | 038  | 34.0      | 30.1        | 31.7    |
| Psychoses  | 290-299  | 39.3      | 34.2        | 36.8    |
| Diabetes Mellitus                                  | 250  | 17.2      | 12.9        | 15.0    |
| Cellulitis and Abscess                             | 681-682  | 16.7      | 12.4        | 14.5    |
| Diverticula of Intestine                           | 562  | 6.3       | 6.7         | 6.6     |
| Intestinal Obstruction                             | 560  | 7.9       | 7.8         | 7.9     |
| Anemias  | 280-285  | 4.1       | 4.3         | 4.2     |
| Choleithiasis                                      | 574  | 7.6       | 12.7        | 10.1    |
| Essential Hypertension                             | 401  | 1.3       | 1.8         | 1.6     |
| Asthma   | 493  | 7.5       | 9.2         | 8.4     |
| Noninfectious Enteritis and<br>Colitis             | 555-558  | 3.9       | 6.8         | 5.5     |
| Chest Pain   | 786.5  | 4.4       | 5.0         | 4.7     |
| Abdominal Pain                                     | 789  | 2.3       | 3.7         | 3.0     |
| All other Diagnoses                                |  | 261.4     | 515.5       | 390.1   |
| Total  |  | 623.2     | 858.7       | 737.3   |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

Table 3. Number of Discharges by NCHS Category and Age Group, New Mexico, 2013

|  | Diagnosis Codes                                      |        | Age In Years |        |        |         |  |
|--|--|--------|--------------|--------|--------|---------|--|
| Principal Diagnosis Group                          | (ICD-9CM Codes)                                      | <15    | 15-44        | 45-64  | 65+    | Total   |  |
| Heart Disease                                      | 391-392.0,393-398,<br>402, 404, 410-416, 420-<br>429 | 28     | 725          | 3,812  | 8,491  | 13,056  |  |
| Pneumonia  | 480-486  | 975    | 568          | 1,264  | 3,123  | 5,930   |  |
| Cerebrovascular Disease                            | 430-438  | 9      | 155          | 923    | 2,425  | 3,512   |  |
| Malignant Neoplasms                                | 140-208, 230-234                                     | 72     | 394          | 1,763  | 2,276  | 4,505   |  |
| Fractures  | 800-829  | 235    | 887          | 1,030  | 3,025  | 5,177   |  |
| Osteoarthritis and Allied Disorders                | 715  | 0      | 58           | 2,046  | 2,958  | 5,062   |  |
| Chronic Bronchitis                                 | 491  | 0      | 36           | 788    | 1,811  | 2,635   |  |
| Urinary Tract Infection, Site not specified        | 599.0  | 95     | 150          | 293    | 1,404  | 1,942   |  |
| Certain Complications of Surgical and Medical Care | 996-999  | 183    | 746          | 1,493  | 1,596  | 4,018   |  |
| Septicemia   | 038  | 57     | 1,165        | 2,208  | 3,647  | 7,077   |  |
| Psychoses  | 290-299  | 374    | 3,674        | 2,312  | 1,235  | 7,595   |  |
| Diabetes Mellitus                                  | 250  | 95     | 1,213        | 1,203  | 713    | 3,224   |  |
| Cellulitis and Abscess                             | 681-682  | 221    | 990          | 1,095  | 773    | 3,079   |  |
| Diverticula of Intestine                           | 562  | 1      | 234          | 518    | 709    | 1,462   |  |
| Intestinal Obstruction                             | 560  | 51     | 230          | 545    | 955    | 1,781   |  |
| Anemias  | 280-285  | 43     | 152          | 219    | 502    | 916     |  |
| Choleithiasis                                      | 574  | 14     | 830          | 645    | 667    | 2,156   |  |
| Essential Hypertension                             | 401  | 2      | 48           | 139    | 171    | 360     |  |
| Asthma   | 493  | 719    | 331          | 405    | 334    | 1,789   |  |
| Noninfectious Enteritis and Colitis                | 555-558  | 85     | 305          | 327    | 465    | 1,182   |  |
| Chest Pain   | 786.5  | 1      | 128          | 466    | 496    | 1,091   |  |
| Abdominal Pain                                     | 789  | 44     | 213          | 221    | 166    | 644     |  |
| All other Diagnoses                                |  | 7,076  | 38,078       | 16,504 | 20,064 | 81,722  |  |
| Total  |  | 10,380 | 51,310       | 40,219 | 58,006 | 159,915 |  |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

**Table 4.** Discharge Rates (per 10,000 population) by NCHS Category and Age Group, New Mexico, 2013

|  | Diagnosis Codes                                      | Age In Years |       |       |          |         |
|--|--|--------------|-------|-------|----------|---------|
| Principal Diagnosis Group                          | (ICD-9CM Codes)                                      | <15          | 15-44 | 45-64 | 65+      | NM Rate |
| Heart Disease                                      | 391-392.0,393-398,<br>402, 404, 410-416, 420-<br>429 | 0.6          | 8.9   | 68.8  | 288.9    | 62.3    |
| Pneumonia  | 480-486  | 22.5         | 7.0   | 22.8  | 106.3    | 28.3    |
| Cerebrovascular Disease                            | 430-438  | 0.2          | 1.9   | 16.7  | 82.5     | 16.8    |
| Malignant Neoplasms                                | 140-208, 230-234                                     | 1.7          | 4.8   | 31.8  | 77.4     | 21.5    |
| Fractures  | 800-829  | 5.4          | 10.9  | 18.6  | 102.9    | 24.7    |
| Osteoarthritis and Allied Disorders                | 715  | 0.0          | 0.7   | 36.9  | 100.7    | 24.2    |
| Chronic Bronchitis                                 | 491  | 0.0          | 0.4   | 14.2  | 61.6     | 12.6    |
| Urinary Tract Infection, Site not specified        | 599.0  | 2.2          | 1.8   | 5.3   | 47.8     | 9.3     |
| Certain Complications of Surgical and Medical Care | 996-999  | 4.2          | 9.2   | 27.0  | 54.3     | 19.2    |
| Septicemia   | 038  | 1.3          | 14.3  | 39.9  | 124.1    | 33.8    |
| Psychoses  | 290-299  | 8.6          | 45.1  | 41.7  | 42.0     | 36.2    |
| Diabetes Mellitus                                  | 250  | 2.2          | 14.9  | 21.7  | 24.3     | 15.4    |
| Cellulitis and Abscess                             | 681-682  | 5.1          | 12.2  | 19.8  | 26.3     | 14.7    |
| Diverticula of Intestine                           | 562  | 0.0          | 2.9   | 9.4   | 24.1     | 7.0     |
| Intestinal Obstruction                             | 560  | 1.2          | 2.8   | 9.8   | 32.5     | 8.5     |
| Anemias  | 280-285  | 1.0          | 1.9   | 4.0   | 17.1     | 4.4     |
| Choleithiasis                                      | 574  | 0.3          | 10.2  | 11.6  | 22.7     | 10.3    |
| Essential Hypertension                             | 401  | 0.0          | 0.6   | 2.5   | 5.8      | 1.7     |
| Asthma   | 493  | 16.6         | 4.1   | 7.3   | 11.4     | 8.5     |
| Noninfectious Enteritis and<br>Colitis             | 555-558  | 2.0          | 3.8   | 5.9   | 15.8     | 5.6     |
| Chest Pain   | 786.5  | 0.0          | 1.6   | 8.4   | 16.9     | 5.2     |
| Abdominal Pain                                     | 789  | 1.0          | 2.6   | 4.0   | 5.6      | 3.1     |
| All other Diagnoses                                |  | 163.3        | 467.8 | 297.9 | 682.7    | 390.1   |
| Total  |  | 239.6        | 630.3 | 726.0 | 1,973.90 | 763.3   |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

Table 5. Number of Discharges by NCHS Category and Health Region, New Mexico, 2013

|  | Diagnosis Codes                                      | Health Region |        |        |        |        |         |
|--|--|---------------|--------|--------|--------|--------|---------|
| Principal Diagnosis Group                          | (ICD-9CM Codes)                                      | NW            | NE     | Metro  | SE     | SW     | Total   |
| Heart Disease                                      | 391-392.0,393-398,<br>402, 404, 410-416, 420-<br>429 | 1,345         | 1,816  | 5,330  | 1,703  | 2,862  | 13,056  |
| Pneumonia  | 480-486  | 748           | 989    | 1,822  | 1,218  | 1,153  | 5,930   |
| Cerebrovascular Disease                            | 430-438  | 290           | 518    | 1,605  | 486    | 613    | 3,512   |
| Malignant Neoplasms                                | 140-208, 230-234                                     | 409           | 741    | 2,141  | 428    | 786    | 4,505   |
| Fractures  | 800-829  | 511           | 935    | 2,305  | 540    | 886    | 5,177   |
| Osteoarthritis and Allied Disorders                | 715  | 397           | 806    | 2,402  | 657    | 800    | 5,062   |
| Chronic Bronchitis                                 | 491  | 189           | 436    | 690    | 702    | 618    | 2,635   |
| Urinary Tract Infection, Site not specified        | 599.0  | 180           | 257    | 705    | 380    | 420    | 1,942   |
| Certain Complications of Surgical and Medical Care | 996-999  | 481           | 610    | 1,806  | 370    | 751    | 4,018   |
| Septicemia   | 038  | 922           | 1,027  | 2,784  | 1,122  | 1,222  | 7,077   |
| Psychoses  | 290-299  | 627           | 750    | 2,937  | 1,922  | 1,359  | 7,595   |
| Diabetes Mellitus                                  | 250  | 428           | 433    | 1,242  | 598    | 523    | 3,224   |
| Cellulitis and Abscess                             | 681-682  | 324           | 537    | 1,151  | 550    | 517    | 3,079   |
| Diverticula of Intestine                           | 562  | 146           | 224    | 586    | 215    | 291    | 1,462   |
| Intestinal Obstruction                             | 560  | 193           | 351    | 600    | 299    | 338    | 1,781   |
| Anemias  | 280-285  | 89            | 141    | 307    | 153    | 226    | 916     |
| Choleithiasis                                      | 574  | 297           | 340    | 812    | 289    | 418    | 2,156   |
| Essential Hypertension                             | 401  | 43            | 40     | 141    | 77     | 59     | 360     |
| Asthma   | 493  | 181           | 227    | 678    | 410    | 293    | 1,789   |
| Noninfectious Enteritis and<br>Colitis             | 555-558  | 92            | 146    | 466    | 227    | 251    | 1,182   |
| Chest Pain   | 786.5  | 145           | 166    | 354    | 207    | 219    | 1,091   |
| Abdominal Pain                                     | 789  | 50            | 134    | 204    | 102    | 154    | 644     |
| All other Diagnoses                                |  | 8,672         | 11,955 | 34,578 | 12,030 | 14,487 | 81,722  |
| Total  |  | 16,759        | 23,579 | 65,646 | 24,685 | 29,246 | 159,915 |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

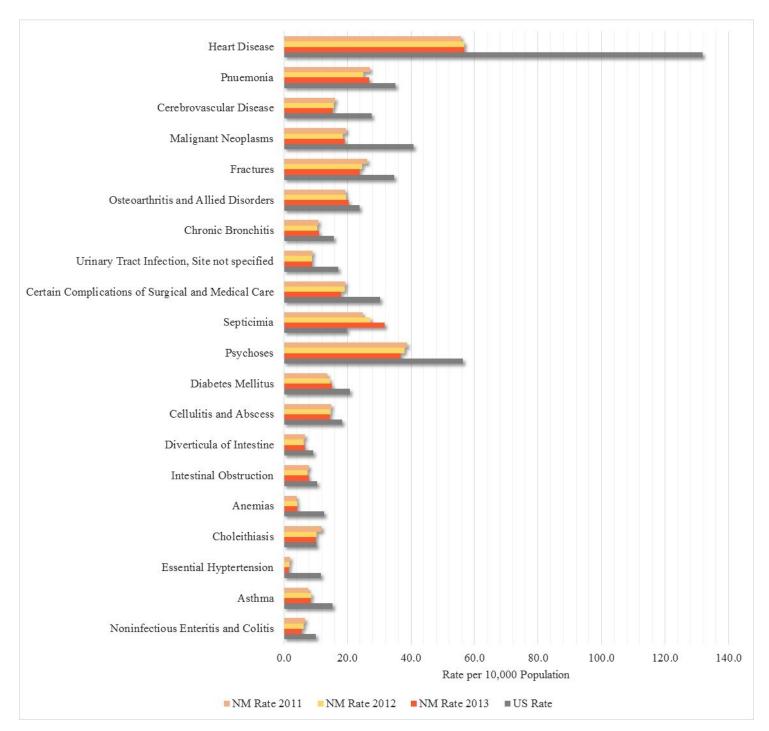
**Table 6.** Discharge Rates (per 10,000 population) by NCHS Category and Health Region, New Mexico, 2013

|  | Diagnosis Codes                                      |       | Health Region |       |       |       |            |
|--|--|-------|---------------|-------|-------|-------|------------|
| Principal Diagnosis Group                          | (ICD-9CM Codes)                                      | NW    | NE            | Metro | SE    | SW    | NM<br>Rate |
| Heart Disease                                      | 391-392.0,393-398,<br>402, 404, 410-416, 420-<br>429 | 64.2  | 48.7          | 56.0  | 53.9  | 64.0  | 56.7       |
| Pneumonia  | 480-486  | 35.1  | 30.3          | 19.7  | 39.1  | 27.5  | 26.9       |
| Cerebrovascular Disease                            | 430-438  | 14.0  | 14.1          | 17.0  | 15.4  | 13.8  | 15.4       |
| Malignant Neoplasms                                | 140-208, 230-234                                     | 18.9  | 19.1          | 21.8  | 13.6  | 17.6  | 19.2       |
| Fractures  | 800-829  | 24.9  | 28.7          | 25.1  | 17.5  | 20.9  | 23.8       |
| Osteoarthritis and Allied Disorders                | 715  | 17.7  | 19.1          | 23.6  | 19.9  | 16.8  | 20.4       |
| Chronic Bronchitis                                 | 491  | 9.1   | 10.9          | 7.1   | 21.6  | 13.4  | 11.1       |
| Urinary Tract Infection, Site not specified        | 599.0  | 8.9   | 7.6           | 7.8   | 12.2  | 9.9   | 8.8        |
| Certain Complications of Surgical and Medical Care | 996-999  | 22.0  | 17.4          | 18.9  | 12.4  | 18.0  | 17.9       |
| Septicemia   | 038  | 43.6  | 29.2          | 29.6  | 36.8  | 28.8  | 31.7       |
| Psychoses*   | 290-299  | 29.0  | 25.8          | 32.2  | 68.9  | 37.9  | 36.8       |
| Diabetes Mellitus                                  | 250  | 19.6  | 13.4          | 13.3  | 20.7  | 13.9  | 15.0       |
| Cellulitis and Abscess                             | 681-682  | 14.8  | 17.3          | 12.6  | 19.0  | 13.7  | 14.5       |
| Diverticula of Intestine                           | 562  | 6.9   | 6.4           | 6.2   | 7.2   | 7.2   | 6.6        |
| Intestinal Obstruction                             | 560  | 9.3   | 9.6           | 6.4   | 9.7   | 7.8   | 7.9        |
| Anemias  | 280-285  | 4.3   | 4.1           | 3.3   | 5.0   | 5.3   | 4.2        |
| Choleithiasis                                      | 574  | 13.9  | 10.9          | 8.8   | 9.9   | 10.9  | 10.1       |
| Essential Hypertension                             | 401  | 2.0   | 1.0           | 1.5   | 2.6   | 1.5   | 1.6        |
| Asthma   | 493  | 7.7   | 7.6           | 7.6   | 13.5  | 7.7   | 8.4        |
| Noninfectious Enteritis and<br>Colitis             | 555-558  | 4.2   | 4.3           | 5.0   | 7.9   | 6.3   | 5.5        |
| Chest Pain   | 786.5  | 6.6   | 4.4           | 3.7   | 6.8   | 5.0   | 4.7        |
| Abdominal Pain                                     | 789  | 2.2   | 4.4           | 2.2   | 3.4   | 4.2   | 3.0        |
| All other Diagnoses                                |  | 380.2 | 404.8         | 381.4 | 411.7 | 388.6 | 390.1      |
| Total  |  | 768.0 | 740.3         | 708.8 | 825.4 | 729.2 | 737.3      |

<sup>\*</sup>See notation on page 7 regarding Specialty Hospitals.

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

Figure 9. Discharge Rates by NCHS Category, New Mexico, (2011-2013) and United States (2010)



<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



Figure 10. Per cent of Discharges by Discharge Status and Gender, New Mexico, 2013

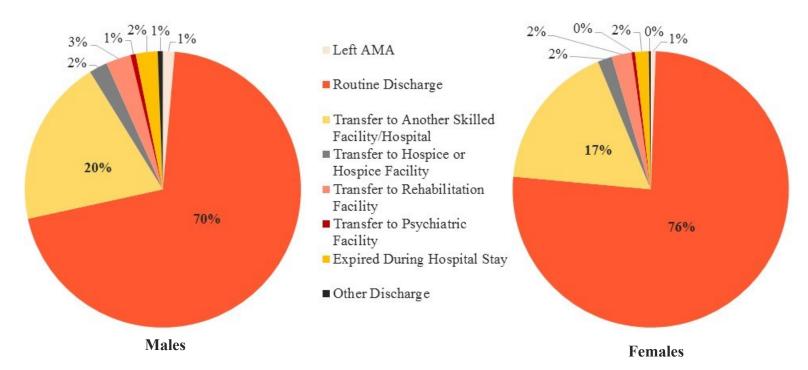


Table 7. Number of Discharges by Discharge Status and Gender, New Mexico, 2013

| Discharge Status  | # of<br>Males | # of<br>Females | Total   |
|---|---------------|-----------------|---------|
| Left Against Medical Advice (AMA)                       | 890           | 554             | 1,444   |
| Routine Discharge                                       | 45,469        | 72,213          | 117,682 |
| Transfer/Discharge to Another Skilled Facility/Hospital | 12,681        | 16,442          | 29,123  |
| Transfer/Discharge to Hospice or Hospice Facility       | 1,396         | 1,617           | 3,013   |
| Transfer to Rehabilitation Facility                     | 1,881         | 2,214           | 4,095   |
| Transfer to Psychiatric Facility                        | 402           | 376             | 778     |
| Expired During Hospital Stay                            | 1,653         | 1,523           | 3,176   |
| Other Discharge   | 388           | 216             | 604     |
| Total   | 64,760        | 95,155          | 159,915 |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



Figure 11. Rate of Expired Discharges by Age, New Mexico, 2011-2013

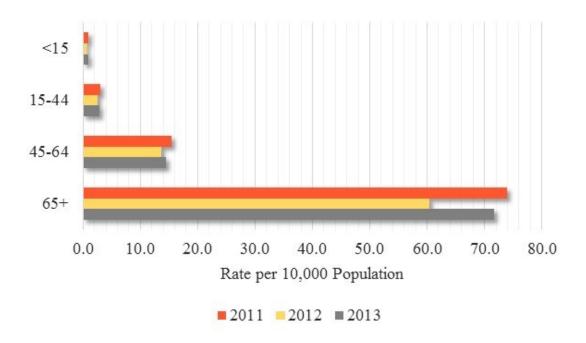
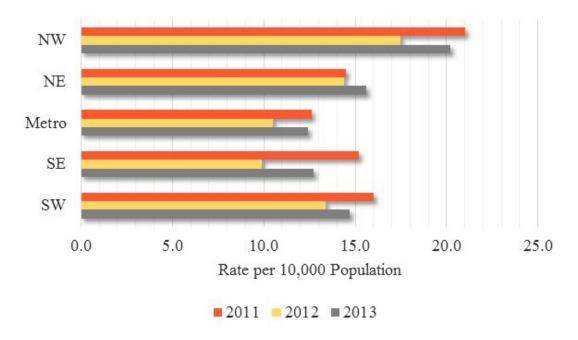


Figure 12. Rate of Expired Discharges by Health Region, New Mexico, 2011-2013



<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



Figure 13. Rate of AMA Discharges by Age, New Mexico, 2011-2013

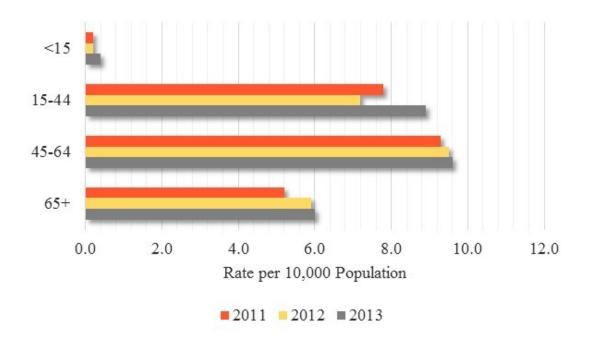
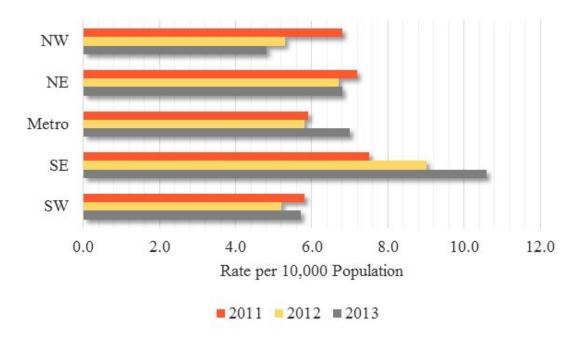


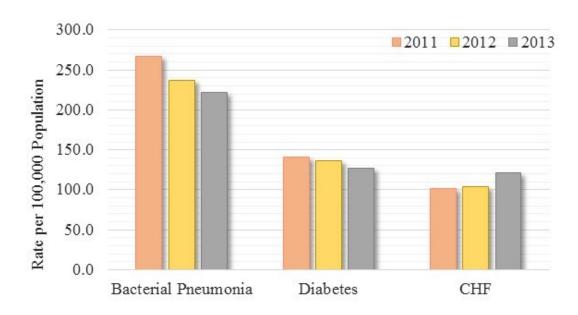
Figure 14. Rate of AMA Discharges by Health Region, New Mexico, 2011-2013



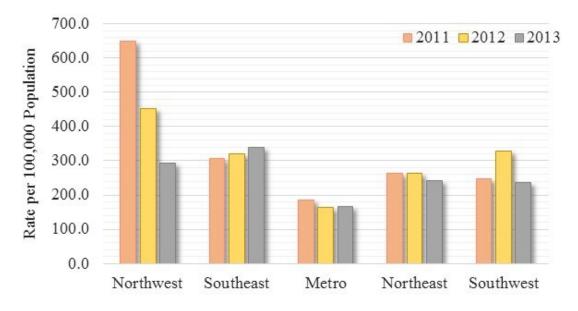
<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

# 

Figure 15. Age-Adjusted Rates for Top 3 ACSCs (per 100,000 Population) by Year, New Mexico, 2011-2013



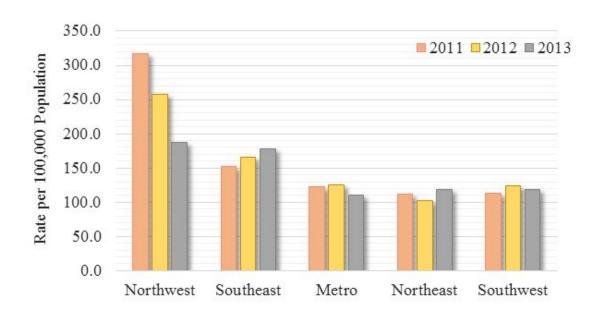
**Figure 16.** Rate of Bacterial Pneumonia (per 100,000 Population) by Health Region, New Mexico, 2011-2013



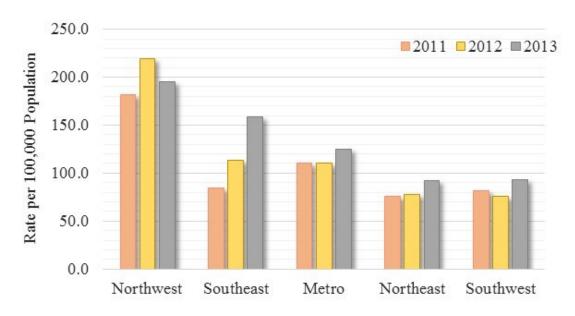
<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

# **Ambulatory Care Sensitive Conditions**

Figure 17. Rate of Diabetes (per 100,000 Population) by Health Region, New Mexico, 2011-2013



**Figure 18.** Rate of Coronary Heart Failure (per 100,000 Population) by Health Region, New Mexico, 2011-2013



<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

# **Appendix**



**Appendix Table 1.** Number of Discharges by Category of First-Listed Diagnosis and Gender, New Mexico, 2013

| Category of First-Listed Diagnosis                                    | Diagnosis Codes<br>(ICD-9CM Codes) | # of Males | # of<br>Females | Total   |
|---|------------------------------------|------------|-----------------|---------|
| Infectious and Parasitic Diseases                                     | 000-139                            | 4,673      | 4,919           | 9,592   |
| Neoplasms   | 140-239                            | 2,570      | 3,361           | 5,931   |
| Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders | 240-279                            | 3,051      | 3,225           | 6,276   |
| Diseases of the Blood and Blood-Forming Organs                        | 280-289                            | 678        | 809             | 1,487   |
| Mental Disorders  | 290-319                            | 4,777      | 4,475           | 9,252   |
| Diseases of the Nervous System and<br>Sense Organs                    | 320-389                            | 1,551      | 1,749           | 3,300   |
| Diseases of the Circulatory System                                    | 390-459                            | 10,678     | 9,268           | 19,946  |
| Diseases of the Respiratory System                                    | 460-519                            | 8,226      | 8,541           | 16,767  |
| Diseases of the Digestive System                                      | 520-579                            | 9,015      | 9,805           | 18,820  |
| Diseases of the Genitourinary System                                  | 580-629                            | 2,838      | 5,033           | 7,871   |
| Complications of Pregnancy, Childbirth, and Puerperium                | 630-677                            | 0          | 3,429           | 3,429   |
| Diseases of the Skin and Subcutaneous<br>Tissue                       | 680-709                            | 1,930      | 1,623           | 3,553   |
| Diseases of the Muscoloskeletal System and Connective Tissue          | 710-739                            | 4,078      | 5,200           | 9,278   |
| Congenital Anomalies  | 740-759                            | 349        | 329             | 678     |
| Certain Conditions Originating in the<br>Perinatal Period             | 760-779                            | 539        | 402             | 941     |
| Symptoms, Signs, and Ill-Defined Conditions                           | 780-799                            | 2,077      | 2,585           | 4,662   |
| Injury and Poisoning  | 800-999                            | 6,580      | 7,009           | 13,589  |
| Supplementary Classifications   | V01-V84                            | 1,149      | 23,392          | 24,541  |
| Ungroupable Diagnoses   |                                    | 1          | 1               | 2       |
| Total   |                                    | 64,760     | 95,155          | 159,915 |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



**Appendix Table 2.** Discharge Rates (per 10,000 population) by Category of First-Listed Diagnosis and Gender, New Mexico, 2013

| Category of First-Listed Diagnosis                                       | Diagnosis Codes<br>(ICD-9CM Codes) | # of Males | # of<br>Females | NM Rate |
|--|------------------------------------|------------|-----------------|---------|
| Infectious and Parasitic Diseases  | 000-139                            | 45.5       | 41.4            | 43.2    |
| Neoplasms  | 140-239                            | 23.4       | 28.7            | 25.9    |
| Endocrine, Nutritional and Metabolic<br>Diseases, and Immunity Disorders | 240-279                            | 29.2       | 28.4            | 28.8    |
| Diseases of the Blood and Blood-Forming Organs                           | 280-289                            | 6.7        | 7.0             | 6.8     |
| Mental Disorders   | 290-319                            | 47.5       | 42.2            | 45.0    |
| Diseases of the Nervous System and<br>Sense Organs                       | 320-389                            | 15.1       | 15.6            | 15.3    |
| Diseases of the Circulatory System                                       | 390-459                            | 101.8      | 73.9            | 87.0    |
| Diseases of the Respiratory System                                       | 460-519                            | 79.7       | 72.3            | 75.5    |
| Diseases of the Digestive System   | 520-579                            | 87.0       | 86.2            | 86.6    |
| Diseases of the Genitourinary System                                     | 580-629                            | 27.8       | 45.3            | 36.5    |
| Complications of Pregnancy, Childbirth, and Puerperium                   | 630-677                            | 0.0        | 35.7            | 17.5    |
| Diseases of the Skin and Subcutaneous<br>Tissue                          | 680-709                            | 18.8       | 14.6            | 16.7    |
| Diseases of the Muscoloskeletal System and Connective Tissue             | 710-739                            | 36.8       | 41.2            | 39.2    |
| Congenital Anomalies   | 740-759                            | 3.3        | 3.2             | 3.2     |
| Certain Conditions Originating in the<br>Perinatal Period                | 760-779                            | 5.0        | 3.9             | 4.4     |
| Symptoms, Signs, and Ill-Defined Conditions                              | 780-799                            | 20.0       | 22.0            | 21.0    |
| Injury and Poisoning   | 800-999                            | 64.4       | 59.7            | 62.6    |
| Supplementary Classifications  | V01-V84                            | 11.2       | 237.5           | 122.3   |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



**Appendix Table 3.** Number of Discharges by Category of First-Listed Diagnosis and Age Group, New Mexico, 2013

| Category of First-Listed Diagnosis                                       | Diagnosis Codes |        | rs     |        |        |         |
|--|-----------------|--------|--------|--------|--------|---------|
|  | (ICD-9CM Codes) | <15    | 15-44  | 45-64  | 65+    | Total   |
| Infectious and Parasitic Diseases  | 000-139         | 402    | 1,658  | 2,947  | 4,585  | 9,592   |
| Neoplasms  | 140-239         | 102    | 783    | 2,424  | 2,622  | 5,931   |
| Endocrine, Nutritional and Metabolic<br>Diseases, and Immunity Disorders | 240-279         | 486    | 1,715  | 2,053  | 2,022  | 6,276   |
| Diseases of the Blood and Blood-Forming Organs                           | 280-289         | 177    | 286    | 363    | 661    | 1,487   |
| Mental Disorders   | 290-319         | 533    | 4,565  | 2,777  | 1,377  | 9,252   |
| Diseases of the Nervous System and<br>Sense Organs                       | 320-389         | 391    | 804    | 929    | 1,176  | 3,300   |
| Diseases of the Circulatory System                                       | 390-459         | 77     | 1,272  | 5,832  | 12,765 | 19,946  |
| Diseases of the Respiratory System                                       | 460-519         | 3,825  | 1,506  | 3,768  | 7,668  | 16,767  |
| Diseases of the Digestive System   | 520-579         | 890    | 4,945  | 6,271  | 6,714  | 18,820  |
| Diseases of the Genitourinary System                                     | 580-629         | 342    | 1,871  | 2,014  | 3,644  | 7,871   |
| Complications of Pregnancy, Childbirth, and Puerperium                   | 630-677         | 1      | 3,426  | 2      | 0      | 3,429   |
| Diseases of the Skin and Subcutaneous<br>Tissue                          | 680-709         | 260    | 1,108  | 1,271  | 914    | 3,553   |
| Diseases of the Muscoloskeletal System and Connective Tissue             | 710-739         | 146    | 825    | 3,600  | 4,707  | 9,278   |
| Congenital Anomalies   | 740-759         | 446    | 124    | 72     | 36     | 678     |
| Certain Conditions Originating in the<br>Perinatal Period                | 760-779         | 940    | 1      | 0      | 0      | 941     |
| Symptoms, Signs, and Ill-Defined Conditions                              | 780-799         | 430    | 787    | 1,410  | 2,035  | 4,662   |
| Injury and Poisoning   | 800-999         | 728    | 3,378  | 3,814  | 5,669  | 13,589  |
| Supplementary Classifications  | V01-V84         | 204    | 22,254 | 672    | 1,411  | 24,541  |
| Ungroupable Diagnoses  |                 | 0      | 2      | 0      | 0      | 2       |
| Total  |                 | 10,380 | 51,310 | 40,219 | 58,006 | 159,915 |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



**Appendix Table 4.** Discharge Rates (per 10,000 population) by Category of First-Listed Diagnosis and Age Group, New Mexico, 2013

| Category of First-Listed Diagnosis                                       | Diagnosis Codes | Age in Years |       |       |       |         |  |  |
|--|-----------------|--------------|-------|-------|-------|---------|--|--|
|  | (ICD-9CM Codes) | <15          | 15-44 | 45-64 | 65+   | NM Rate |  |  |
| Infectious and Parasitic Diseases  | 000-139         | 9.3          | 20.4  | 53.2  | 156.0 | 45.8    |  |  |
| Neoplasms  | 140-239         | 2.4          | 9.6   | 43.8  | 89.2  | 28.3    |  |  |
| Endocrine, Nutritional and Metabolic<br>Diseases, and Immunity Disorders | 240-279         | 11.2         | 21.1  | 37.1  | 68.8  | 30.0    |  |  |
| Diseases of the Blood and Blood-Forming Organs                           | 280-289         | 4.1          | 3.5   | 6.6   | 22.5  | 7.1     |  |  |
| Mental Disorders   | 290-319         | 12.3         | 56.1  | 50.1  | 46.9  | 44.2    |  |  |
| Diseases of the Nervous System and<br>Sense Organs                       | 320-389         | 9.0          | 9.9   | 16.8  | 40.0  | 15.8    |  |  |
| Diseases of the Circulatory System                                       | 390-459         | 1.8          | 15.6  | 105.3 | 434.4 | 95.2    |  |  |
| Diseases of the Respiratory System                                       | 460-519         | 88.3         | 18.5  | 68.0  | 260.9 | 80.0    |  |  |
| Diseases of the Digestive System   | 520-579         | 20.5         | 60.8  | 113.2 | 228.5 | 89.8    |  |  |
| Diseases of the Genitourinary System                                     | 580-629         | 7.9          | 23.0  | 36.4  | 124.0 | 37.6    |  |  |
| Complications of Pregnancy, Childbirth, and Puerperium                   | 630-677         | 0.0          | 42.1  | 0.0   | 0.0   | 16.4    |  |  |
| Diseases of the Skin and Subcutaneous<br>Tissue                          | 680-709         | 6.0          | 13.6  | 22.9  | 31.1  | 17.0    |  |  |
| Diseases of the Muscoloskeletal System and Connective Tissue             | 710-739         | 3.4          | 10.1  | 65.0  | 160.2 | 44.3    |  |  |
| Congenital Anomalies   | 740-759         | 10.3         | 1.5   | 1.3   | 1.2   | 3.2     |  |  |
| Certain Conditions Originating in the<br>Perinatal Period                | 760-779         | 21.7         | 0.0   | 0.0   | 0.0   | 4.5     |  |  |
| Symptoms, Signs, and Ill-Defined Conditions                              | 780-799         | 9.9          | 9.7   | 25.4  | 69.2  | 22.2    |  |  |
| Injury and Poisoning   | 800-999         | 16.8         | 41.5  | 68.8  | 192.9 | 64.9    |  |  |
| Supplementary Classifications  | V01-V84         | 4.7          | 273.4 | 12.1  | 48.0  | 117.1   |  |  |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



**Appendix Table 5.** Number of Discharges by Category of First-Listed Diagnosis and Health Region, New Mexico, 2013

| Category of First-Listed Diagnosis                                    | Diagnosis Codes |        |        |        |        |        |          |
|---|-----------------|--------|--------|--------|--------|--------|----------|
| Category of Prist Listed Diagnosis                                    | (ICD-9CM Codes) | NW     | NE     | Metro  | SE     | SW     | Total    |
| Infectious and Parasitic Diseases                                     | 000-139         | 1,139  | 1,413  | 3,881  | 1,497  | 1,662  | 9,592    |
| Neoplasms   | 140-239         | 552    | 996    | 2,740  | 603    | 1,040  | 5,931    |
| Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders | 240-279         | 736    | 930    | 2,362  | 1,118  | 1,130  | 6,276    |
| Diseases of the Blood and Blood-<br>Forming Organs                    | 280-289         | 155    | 236    | 552    | 230    | 314    | 1,487    |
| Mental Disorders  | 290-319         | 886    | 997    | 3,630  | 2,073  | 1,666  | 9,252    |
| Diseases of the Nervous System and<br>Sense Organs                    | 320-389         | 343    | 473    | 1,433  | 453    | 598    | 3,300    |
| Diseases of the Circulatory System                                    | 390-459         | 2,007  | 2,811  | 8,306  | 2,631  | 4,191  | 19,946   |
| Diseases of the Respiratory System                                    | 460-519         | 2,038  | 2,513  | 5,848  | 3,173  | 3,195  | 16,767   |
| Diseases of the Digestive System                                      | 520-579         | 2,117  | 2,996  | 7,406  | 2,784  | 3,517  | 18,820   |
| Diseases of the Genitourinary System                                  | 580-629         | 705    | 1,169  | 2,878  | 1,476  | 1,643  | 7,871    |
| Complications of Pregnancy, Child-<br>birth, and Puerperium           | 630-677         | 356    | 365    | 1,739  | 438    | 531    | 3,429    |
| Diseases of the Skin and Subcutaneous Tissue                          | 680-709         | 389    | 602    | 1,316  | 619    | 627    | 3,553    |
| Diseases of the Muscoloskeletal System and Connective Tissue          | 710-739         | 818    | 1,556  | 4,311  | 1,046  | 1,547  | 9,278    |
| Congenital Anomalies  | 740-759         | 106    | 102    | 304    | 52     | 114    | 678      |
| Certain Conditions Originating in the<br>Perinatal Period             | 760-779         | 169    | 151    | 330    | 143    | 148    | 941      |
| Symptoms, Signs, and Ill-Defined Conditions                           | 780-799         | 475    | 797    | 1,767  | 711    | 912    | 4,662    |
| Injury and Poisoning  | 800-999         | 1,537  | 2,292  | 6,161  | 1,367  | 2,232  | 13,589   |
| Supplementary Conditions  | V01-V84         | 2,231  | 3,180  | 10,681 | 4,270  | 4,179  | 24,541   |
| Ungroupable Diagnoses   |                 | 0      | 0      | 1      | 1      | 0      | 2        |
| Total   |                 | 16,759 | 23,579 | 65,646 | 24,685 | 29,246 | 159,,915 |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



**Appendix Table 6.** Discharge Rates (per 10,000 population) by Category of First-Listed Diagnosis and Health Region, New Mexico, 2013

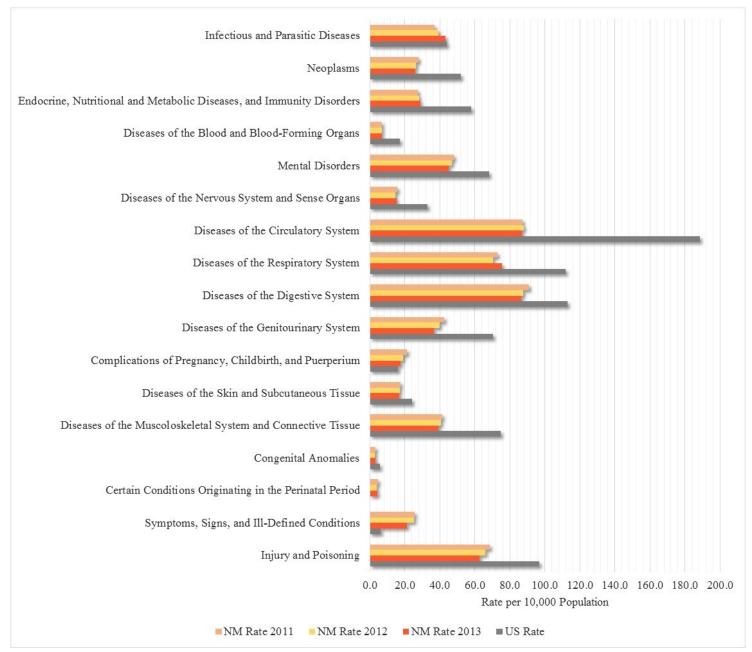
| Category of First-Listed Diagnosis                                    | Diagnosis Codes | Health Region |       |       |       |       |         |
|---|-----------------|---------------|-------|-------|-------|-------|---------|
|   | (ICD-9CM Codes) | NW            | NE    | Metro | SE    | SW    | NM Rate |
| Infectious and Parasitic Diseases                                     | 000-139         | 53.3          | 41.0  | 41.4  | 49.2  | 39.8  | 43.2    |
| Neoplasms   | 140-239         | 25.6          | 27.1  | 28.3  | 20.0  | 24.5  | 25.9    |
| Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders | 240-279         | 33.9          | 28.2  | 25.3  | 37.4  | 28.7  | 28.8    |
| Diseases of the Blood and Blood-<br>Forming Organs                    | 280-289         | 7.0           | 7.2   | 6.0   | 7.6   | 7.5   | 6.8     |
| Mental Disorders*   | 290-319         | 41.0          | 34.6  | 39.9  | 74.2  | 46.6  | 45.0    |
| Diseases of the Nervous System and<br>Sense Organs                    | 320-389         | 15.7          | 14.7  | 15.6  | 14.9  | 15.3  | 15.3    |
| Diseases of the Circulatory System                                    | 390-459         | 95.7          | 76.2  | 87.4  | 83.7  | 94.5  | 87.0    |
| Diseases of the Respiratory System                                    | 460-519         | 92.0          | 77.5  | 63.2  | 100.6 | 75.4  | 75.5    |
| Diseases of the Digestive System                                      | 520-579         | 98.3          | 90.8  | 79.9  | 93.5  | 88.4  | 86.6    |
| Diseases of the Genitourinary System                                  | 580-629         | 33.5          | 36.1  | 31.5  | 50.4  | 40.7  | 36.5    |
| Complications of Pregnancy, Child-<br>birth, and Puerperium           | 630-677         | 16.0          | 15.4  | 19.9  | 15.6  | 15.5  | 17.5    |
| Diseases of the Skin and Subcutaneous Tissue                          | 680-709         | 17.5          | 19.2  | 14.3  | 21.4  | 16.5  | 16.7    |
| Diseases of the Muscoloskeletal System and Connective Tissue          | 710-739         | 36.9          | 40.3  | 43.7  | 32.9  | 34.5  | 39.2    |
| Congenital Anomalies  | 740-759         | 4.1           | 3.9   | 3.4   | 1.6   | 3.0   | 3.2     |
| Certain Conditions Originating in the<br>Perinatal Period             | 760-779         | 6.2           | 6.2   | 3.7   | 4.2   | 4.0   | 4.4     |
| Symptoms, Signs, and Ill-Defined Conditions                           | 780-799         | 21.5          | 24.0  | 18.8  | 23.1  | 22.2  | 21.0    |
| Injury and Poisoning  | 800-999         | 71.8          | 71.2  | 66.5  | 45.6  | 54.8  | 62.6    |
| Supplementary Conditions  | V01-V84         | 97.8          | 126.5 | 120.1 | 149.3 | 117.2 | 122.3   |

<sup>\*</sup>See notation on page 7 regarding Specialty Hospitals.

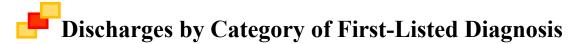
<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

# Discharges by Category of First-Listed Diagnosis

**Appendix Figure 1.** Discharge Rates by Category of First-Listed Diagnosis ,New Mexico, (2011-2013) and United States (2010)



<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population



**Appendix Table 7.** Average Length of Stay (Days) by Category of First-Listed Diagnosis and Gender, New Mexico, 2013

| Category of First-Listed Diagnosis                                    | Diagnosis Codes<br>(ICD-9CM Codes) | Males | Females |
|---|------------------------------------|-------|---------|
| Infectious and Parasitic Diseases                                     | 000-139                            | 1.0   | 6.1     |
| Neoplasms   | 140-239                            | 6.9   | 5.2     |
| Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders | 240-279                            | 6.4   | 3.8     |
| Diseases of the Blood and Blood-<br>Forming Organs                    | 280-289                            | 4.4   | 3.7     |
| Mental Disorders  | 290-319                            | 4.1   | 8.0     |
| Diseases of the Nervous System and<br>Sense Organs                    | 320-389                            | 7.2   | 4.6     |
| Diseases of the Circulatory System                                    | 390-459                            | 5.5   | 4.1     |
| Diseases of the Respiratory System                                    | 460-519                            | 4.3   | 4.4     |
| Diseases of the Digestive System                                      | 520-579                            | 4.5   | 4.3     |
| Diseases of the Genitourinary System                                  | 580-629                            | 4.4   | 3.4     |
| Complications of Pregnancy, Child-<br>birth, and Puerperium           | 630-677                            | 4.0   | 3.4     |
| Diseases of the Skin and Subcutaneous Tissue                          | 680-709                            | 4.4   | 4.4     |
| Diseases of the Muscoloskeletal System and Connective Tissue          | 710-739                            | 3.7   | 3.5     |
| Congenital Anomalies  | 740-759                            | 6.3   | 6.8     |
| Certain Conditions Originating in the<br>Perinatal Period             | 760-779                            | 8.1   | 7.1     |
| Symptoms, Signs, and Ill-Defined Conditions                           | 780-799                            | 2.8   | 2.9     |
| Injury and Poisoning  | 800-999                            | 5.5   | 5.0     |
| Supplementary Conditions  | V01-V84                            | 10.5  | 2.8     |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

# Discharges by Category of First-Listed Diagnosis

**Appendix Table 8.** Average Length of Stay (Days) by Category of First-Listed Diagnosis and Health Region, New Mexico, 2013

| Category of First-Listed Diagnosis                                    | Diagnosis Codes | Health Region |     |       |      | Health Region |  | Health Region |  |  |
|---|-----------------|---------------|-----|-------|------|---------------|--|---------------|--|--|
| Category of this Elsted Diagnosis                                     | (ICD-9CM Codes) | NW            | NE  | Metro | SE   | SW            |  |               |  |  |
| Infectious and Parasitic Diseases                                     | 000-139         | 8.0           | 6.1 | 6.9   | 4.9  | 6.2           |  |               |  |  |
| Neoplasms   | 140-239         | 6.3           | 5.3 | 5.9   | 5.1  | 5.8           |  |               |  |  |
| Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders | 240-279         | 4.7           | 3.6 | 4.4   | 3.7  | 3.9           |  |               |  |  |
| Diseases of the Blood and Blood-<br>Forming Organs                    | 280-289         | 3.7           | 3.9 | 4.5   | 3.1  | 3.5           |  |               |  |  |
| Mental Disorders  | 290-319         | 7.7           | 5.9 | 8.5   | 8.5  | 5.4           |  |               |  |  |
| Diseases of the Nervous System and<br>Sense Organs                    | 320-389         | 5.1           | 4.1 | 4.8   | 6.6  | 5.1           |  |               |  |  |
| Diseases of the Circulatory System                                    | 390-459         | 4.4           | 4.1 | 4.4   | 3.6  | 4.3           |  |               |  |  |
| Diseases of the Respiratory System                                    | 460-519         | 4.1           | 4.1 | 4.6   | 3.9  | 5.3           |  |               |  |  |
| Diseases of the Digestive System                                      | 520-579         | 4.7           | 4.1 | 4.4   | 4.1  | 4.2           |  |               |  |  |
| Diseases of the Genitourinary System                                  | 580-629         | 4.6           | 3.4 | 3.7   | 3.1  | 3.5           |  |               |  |  |
| Complications of Pregnancy, Child-<br>birth, and Puerperium           | 630-677         | 3.1           | 3.6 | 3.6   | 3.1  | 3.0           |  |               |  |  |
| Diseases of the Skin and Subcutaneous Tissue                          | 680-709         | 5.0           | 4.1 | 4.5   | 3.8  | 4.8           |  |               |  |  |
| Diseases of the Muscoloskeletal System and Connective Tissue          | 710-739         | 3.9           | 3.5 | 3.6   | 3.4  | 3.7           |  |               |  |  |
| Congenital Anomalies  | 740-759         | 5.8           | 6.3 | 5.5   | 10.3 | 8.5           |  |               |  |  |
| Certain Conditions Originating in the<br>Perinatal Period             | 760-779         | 9.5           | 9.1 | 8.0   | 4.5  | 6.4           |  |               |  |  |
| Symptoms, Signs, and Ill-Defined Conditions                           | 780-799         | 2.5           | 2.6 | 3.0   | 2.7  | 2.9           |  |               |  |  |
| Injury and Poisoning  | 800-999         | 5.8           | 4.8 | 5.5   | 4.2  | 5.2           |  |               |  |  |
| Supplementary Conditions  | V01-V84         | 2.5           | 3.8 | 3.6   | 2.4  | 2.8           |  |               |  |  |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population

# Discharges by Category of First-Listed Diagnosis

**Appendix Table 9.** Average Length of Stay (Days) by Category of First-Listed Diagnosis and Age Group, New Mexico, 2013

| Category of First-Listed Diagnosis                                    | Diagnosis Codes | Age in Years |       |       |      |  |  |
|---|-----------------|--------------|-------|-------|------|--|--|
|   | (ICD-9CM Codes) | <15          | 15-44 | 45-64 | 65+  |  |  |
| Infectious and Parasitic Diseases                                     | 000-139         | 4.1          | 7.0   | 7.2   | 6.1  |  |  |
| Neoplasms   | 140-239         | 15.0         | 4.9   | 5.3   | 6.1  |  |  |
| Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders | 240-279         | 3.7          | 3.7   | 4.5   | 4.2  |  |  |
| Diseases of the Blood and Blood-Forming Organs                        | 280-289         | 5.0          | 3.9   | 3.5   | 3.8  |  |  |
| Mental Disorders  | 290-319         | 11.1         | 6.6   | 6.9   | 10.7 |  |  |
| Diseases of the Nervous System and<br>Sense Organs                    | 320-389         | 4.4          | 4.2   | 4.8   | 6.0  |  |  |
| Diseases of the Circulatory System                                    | 390-459         | 6.5          | 4.4   | 4.3   | 4.1  |  |  |
| Diseases of the Respiratory System                                    | 460-519         | 3.3          | 4.3   | 4.8   | 4.8  |  |  |
| Diseases of the Digestive System                                      | 520-579         | 3.6          | 3.6   | 4.4   | 4.8  |  |  |
| Diseases of the Genitourinary System                                  | 580-629         | 3.2          | 2.9   | 3.7   | 4.0  |  |  |
| Complications of Pregnancy, Childbirth, and Puerperium                | 630-677         | 1.0          | 3.4   | 2.5   | 0.0  |  |  |
| Diseases of the Skin and Subcutaneous<br>Tissue                       | 680-709         | 2.6          | 4.0   | 4.9   | 4.6  |  |  |
| Diseases of the Muscoloskeletal System and Connective Tissue          | 710-739         | 4.1          | 4.2   | 3.6   | 3.4  |  |  |
| Congenital Anomalies  | 740-759         | 7.5          | 5.1   | 4.1   | 4.5  |  |  |
| Certain Conditions Originating in the<br>Perinatal Period             | 760-779         | 7.7          | 1.0   | 0.0   | 0.0  |  |  |
| Symptoms, Signs, and Ill-Defined Conditions                           | 780-799         | 2.7          | 2.7   | 2.7   | 3.0  |  |  |
| Injury and Poisoning  | 800-999         | 4.8          | 5.0   | 5.7   | 5.2  |  |  |
| Supplementary Classifications   | V01-V84         | 5.0          | 2.3   | 10.1  | 13.3 |  |  |

<sup>\*</sup>Except for age-specific rates, all rates are age-adjusted to the 2000 U.S. standard population