

# NEW MEXICO HEALTH POLICY COMMISSION



## 2002 HOSPITAL INPATIENT DISCHARGE DATA

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## INTRODUCTION

The New Mexico Health Information System (HIS) administered by the New Mexico Health Policy Commission (HPC) was established in 1989 pursuant to the Health Information System Act NMSA 1975 § 24-14A-1 thru 10. The purpose of the HIS is to collect, analyze, and disseminate health data and information for use by public and private entities in health planning and policy development. The highest priority is given to the collection of data for the Commission to monitor and evaluate progress in making informed decisions regarding health care purchases.

Pursuant to the HIS Act, the HPC maintains the Hospital Inpatient Discharge Database (HIDD) and the Geographic Access Data System (GADS). The HIDD, in existence since 1990, has been revised and refined several times to include additional data to more fully meet the above mentioned statutory purposes.

This report is based on data from the HIDD. General hospitals and specialty hospitals in the State of New Mexico are required to report HIDD data. In 2002, 35 general hospitals and 20 specialty hospitals reported HIDD data. Information is presented regarding utilization, reasons for hospitalization, surgical procedures, diagnoses, patient days by ethnicity, total charges, county indigent fund and charity care, and number of deaths and causes of death.

Since the state cannot require submission of data by federal facilities, efforts have been ongoing to solicit voluntary submission of data by the Indian Health Service facilities, military hospitals and the Veterans Administration Hospital. This data would provide more complete data for planning and policy making purposes.

An inpatient discharge occurs when an individual 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. In 2002, the 55 non-federal hospitals reported a total of 188,711 discharges, of which 180,349 were New Mexico residents. Discharges of out-of-state residents and discharges with unknown ZIP codes, gender, or principal diagnosis are not included in this report.

This report is intended as a reference document for researchers and planners and does not include interpretation or hypothesis by the Health Policy Commission regarding the meaning of the data. Although data is verified with the submitting hospital, all data and information presented in this report are as submitted. All data should be interpreted based on these limits and those discussed above.

### **DISCLAIMER**

The original data is the responsibility of the submitting provider and the New Mexico Health Policy Commission assumes no responsibility for any use made of or conclusions drawn from the data.

## INDIVIDUAL HOSPITAL UTILIZATION - 2002

- ◆ Hospital inpatient data is collected at the discharge level each calendar quarter from all non-federal, licensed general and specialty hospitals in New Mexico. Aggregating the discharges to an individual level provides information on the disease impact and episodes of care for specific diseases. A summary of the number of discharges per individual is given in the chart on the following page.
- ◆ In 2002, there were 180,349 reported discharges of New Mexico residents for a total of 137,122 individuals. 60.8% of those discharges were attributed to a single hospitalization per person. 0.028% of the number of individuals hospitalized in 2002 had 12 or more discharges.
- ◆ If pregnancy related principal diagnosis codes are NOT included, then the number of reported discharges in 2002 for state residents is 153,647 for 113,059 individuals. Of these people, 77.6% had a single discharge and about 0.034% had 12 or more discharges in 2002.

METHODOLOGY NOTE: For the purposes of this study, MDC 14, "Pregnancy, Childbirth, and the Puerperium", was used to define pregnancy related ICD-9-CM principal diagnosis codes. Major Diagnostic Categories (MDC) 14 includes Diagnostic Related Groups (DRGs) 370-384.

**DISCHARGES PER PERSON FOR CALENDAR YEAR 2002:**

Discharges / Patient Days	Frequency	
	Number of Individuals, 2002	Number of Individuals, Excluding Pregnancy Related Principal Diagnosis Codes, 2002
1	109,596	87,690
2	18,763	16,952
3	5,176	4,921
4	2,008	1,948
5	783	762
6	394	386
7	179	177
8	93	95
9	58	56
10	27	27
11	7	7
12	10	10
13	12	12
14	3	3
15	6	6
16	5	5
17	2	2
18	-	-
19	-	-
20 or more	-	-
<b>TOTAL INDIVIDUALS</b>	<b>137,122</b>	<b>113,059</b>

## **PATIENT DAYS BY DIAGNOSTIC CATEGORY**

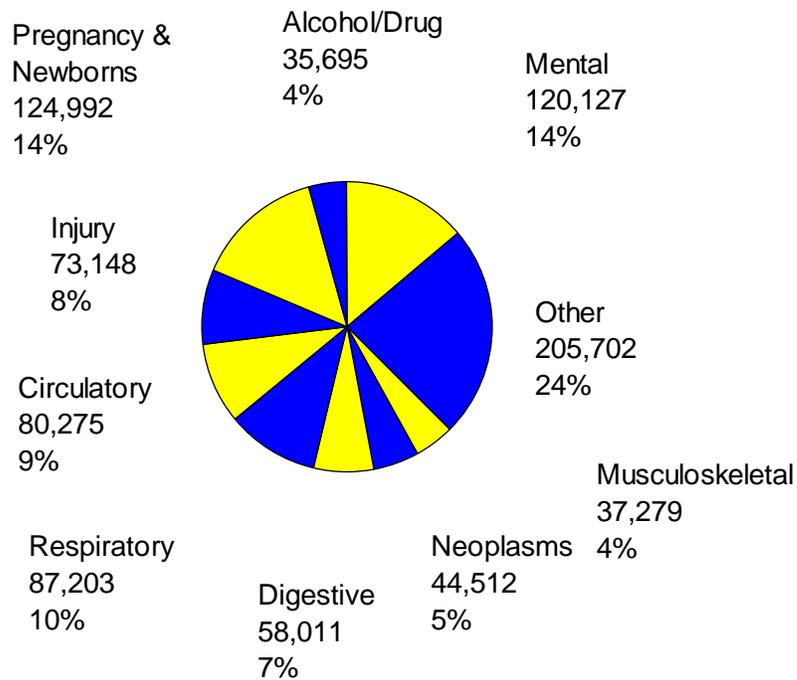
In 2002, the total number of reported hospital discharges was 188,711, of which 180,349 were New Mexico residents. In 2001, there were 189,090 total hospital discharges and 181,763 reported discharges of New Mexico residents.

Indian Health Service (IHS), military, and the Veteran's Administration Hospital are federal hospitals and do not submit data to the Health Policy Commission. Therefore, all information in this report is for New Mexico residents hospitalized in New Mexico non-federal hospitals. All location data is based on patient zip code of residence and not the location of hospitalization.

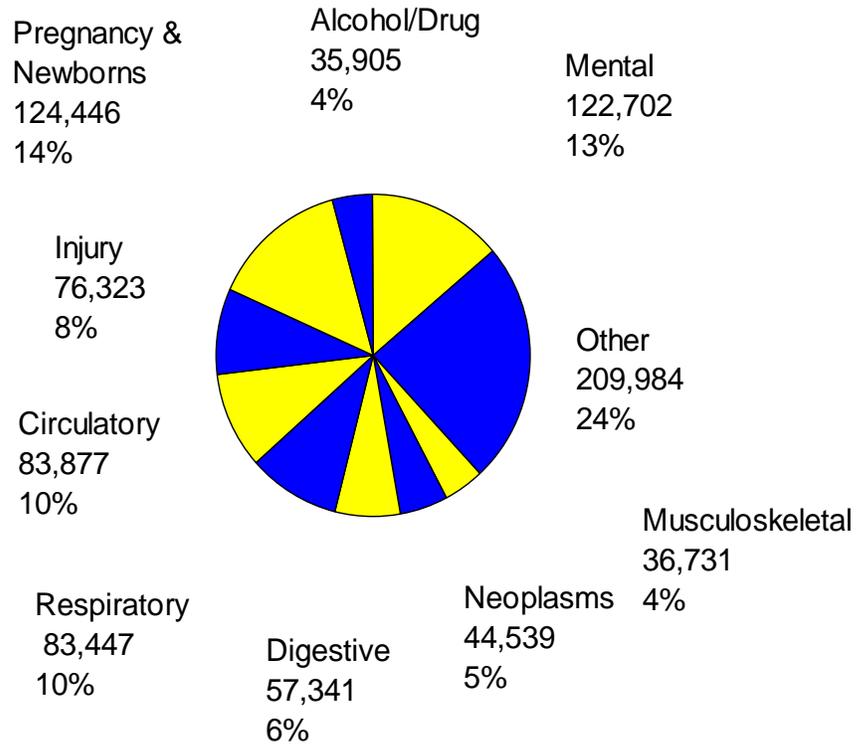
### TOTAL PATIENT DAYS BY DIAGNOSTIC CATEGORY – 2002 vs. 2001

There were a total of 867,009 patient days in 2002 and 876,855 patient days in 2001. The breakdown of these patient days is displayed below and shows that there is no significant difference between the two years in percent distribution. Due to the rounding, the percentages listed in pie charts may not add up to 100 percent.

#### 2002



**2001**



## TOP 25 REASONS FOR HOSPITALIZATIONS - 2002 vs. 2001

- ◆ The top 25 reasons for hospitalization have changed little in 2002 compared to 2001, although some of the relative rankings have shifted.
- ◆ Affective psychoses is in the top ten reasons for hospitalization for males and females for all age groups except for the Ages 65 & Over group. Diabetes mellitus is in the top twenty five reasons for hospitalization for females and males in all age groups except the Males – 18 & Under age group.
- ◆ For males in the 18 & Under age group, acute bronchitis, asthma, pneumonia, affective psychoses and fluid/electrolyte disorder were the top five reasons for hospitalization. For females in this age group, perineal trauma with delivery, acute bronchitis, affective psychoses, pneumonia and fluid/electrolyte disorder were the top five reasons for hospitalization.
- ◆ In the 19 to 44 year age group, pregnancy-related conditions account for nine of the top ten reasons for hospitalizations for females. Behavioral health and substance abuse disorders along with acute appendicitis, diabetes mellitus, diseases of the pancreas, other cellulitis/abcess and intervertebral disc disorder are among the top ten reasons for hospitalizations for males in this age group.
- ◆ For the 45 to 64 age group, affective psychoses, respiratory diseases, uterine leiomyoma, and replacement and graft complications account for the top five reasons for hospitalization for females, while heart-related diseases, respiratory diseases and diabetes mellitus account for the top five reasons for males.
- ◆ The Ages 65 & Over group shows few differences between males and females in the top 25 reasons for hospitalization. For the top 25 reasons for hospitalization listed for this age group, the total number of discharges for females is 16,719 as compared to 12,701 for males.

**Top 25 Reasons for Hospitalization  
Frequency By Principal Diagnosis - Ages 18 & Under  
2002**

Rank	Females	# of Discharges	Males	# of Discharges
1	Perineal Trauma with Delivery	741	Acute Bronchitis	853
2	Acute Bronchitis	733	Asthma	548
3	Affective Psychoses	620	Pneumonia	493
4	Pneumonia	431	Affective Psychoses	476
5	Fluid/Electrolyte Disorder	350	Fluid/Electrolyte Disorder	382
6	Asthma	330	Acute Appendicitis	344
7	Normal Delivery	304	General Symptoms	257
8	Acute Appendicitis	217	Emotional Disease Child/Adolescent	176
9	General Symptoms	217	Other Prenatal Jaundice	166
10	Other Indication Care-Delivery	213	PX & Aftercare Nec & Nos	148
11	Early/Threatened Labor	189	Short Gestation/Low Birthweight	118
12	Kidney Infection	180	Conduct Disturbance	113
13	Other Current Condition in Pregnancy	172	Viral Pneumonia	109
14	Emotional Disease Child/Adolescent	145	Other Nonorganic Psychoses	98
15	Abnormal Forces of Labor	136	Acute Laryngitis/Tracheitis	95
16	Late Pregnancy	125	Other Noninf Gastroenteritis	95
17	Hypertension Comp Pregnancy	120	Depressive Disorder	93
18	Other Prenatal Jaundice	120	Viral Chlamyd Infection	92
19	Short Gestation/Low Birthweight	118	Other Newborn Respiratory Condition	88
20	Viral Pneumonia	112	Drug Dependence	82
21	Other Complications of Pregnancy	108	Intestinal Infection; Organism	77
22	Other Urinary Track Disorders	107	Other Cellulitis Abscess	75
23	Other Obstetrical Trauma	107	Schizophrenic Disorders	73
24	Diabetes Mellitus	100	Influenza	73
25	Umbilical Cord Complications	98	Replacement & Graft Comp	69

**2001**

Rank	Females	# of Discharges	Males	# of Discharges
1	Perineal Trauma with Delivery	702	Acute Bronchitis	775
2	Affective Psychoses	652	Affective Psychoses	563
3	Acute Bronchitis	583	Fluid/Electrolyte Disorder	483
4	Fluid/Electrolyte Disorder	450	Pneumonia	465
5	Pneumonia	355	Asthma	455
6	Asthma	337	Acute Appendicitis	325
7	Normal Delivery	336	General Symptoms	254
8	Acute Appendicitis	244	Emotional Disease Child/Adolescent	176
9	Other Indication Care-Delivery	229	Other Prenatal Jaundice	167
10	Early/Threatened Labor	224	Short Gestation/Low Birth weight	149
11	General Symptoms	220	Acute Laryngitis/Tracheitis	141
12	Other Current Condition in Pregnancy	200	Encounter Problems/Aftercare	141
13	Hypertension Comp Pregnancy	165	Other Noninf Gastroenteritis	138
14	Kidney Infection	155	Viral Pneumonia	117
15	Umbilical Cord Complications	139	Conduct Disturbance	116
16	Other Amniotic Cavity Problems	135	Intestinal Infection; Organism	108
17	Abnormal Forces of Labor	135	General Medical Examination	89
18	Adjustment Reaction	132	Other Newborn Respiratory Condition	88
19	Other Complications of Pregnancy	130	Viral Chlamyd Infection	80
20	Late Pregnancy	120	Other Femoral Fracture	80
21	Dialysis & Catheterization Care	119	Diabetes Mellitus	73
22	Diabetes Mellitus	111	Other Cellulitis Abscess	73
23	Short Gestation/Low Birthweight	111	Radius & Ulna Fracture	73
24	Other Prenatal Jaundice	111	Other Nonorganic Psychoses	69
25	Emotional Disease Child/Adolescent	101	Diseases of Esophagus	69

**Top 25 Reasons for Hospitalization  
Frequency By Principal Diagnosis - Ages 19 - 44  
2002**

Rank	Females	# of Discharges	Males	# of Discharges
1	Perineal Trauma with Delivery	5,060	Affective Psychoses	854
2	Normal Delivery	2,146	Schizophrenic Disorders	672
3	Other Current Condition in Pregnancy	1,974	Acute Appendicitis	400
4	Abnormal Pelvic Organ in Pregnancy	1,692	Alcohol Dependence Syndrome	355
5	Affective Psychoses	1,481	Alcoholic Psychoses	334
6	Other Indication Care-Delivery	1,438	Diabetes Mellitus	325
7	Late Pregnancy	1,240	Diseases of the Pancreas	322
8	Early/Threatened Labor	1,187	Other Cellulitis/Abscess	307
9	Hypertension Complication Pregnancy	1,129	Intervertebral Disc Disorder	306
10	Umbilical Cord Complications	1,093	Drug Dependence	275
11	Abnormal Forces of Labor	996	Respiratory System/Other Chest Symptom	243
12	Other Amniotic Cavity Problems	945	Pneumonia	219
13	Malposition of Fetus	742	Replacement & Graft Comp	186
14	Uterine Leiomyoma	615	General Symptoms	176
15	Other Fetal Problems Affecting Mother	602	Acute Myocardial Infarction (AMI)	158
16	Cholelithiasis	596	Cholelithiasis	152
17	Other Obstetrical Trauma	474	Renal/Ureteral Calculus	152
18	Other Complication of Pregnancy	457	Other Nonorganic Psychoses	149
19	Disorder of Menstruation	423	Depressive Disorder Nec	143
20	Endometriosis	396	Drug Psychosis	134
21	Obstructed Labor	379	Rehabilitation Proc	126
22	Postpartum Hemorrhage	295	Chronic Liver Disease/Cirrhosis	123
23	Diabetes Mellitus	281	Tibia & Fibula Fracture	123
24	Schizophrenic Disorders	279	Other Surgical Compound	121
25	Acute Appendicitis	278	Ankle Fracture	115

**2001**

Rank	Females	# of Discharges	Males	# of Discharges
1	Perineal Trauma with Delivery	4,592	Affective Psychoses	882
2	Normal Delivery	2,173	Schizophrenic Disorders	642
3	Other Current Condition in Pregnancy	1,910	Alcohol Dependence Syndrome	387
4	Abnormal Pelvic Organ in Pregnancy	1,658	Diabetes Mellitus	348
5	Affective Psychoses	1,475	Acute Appendicitis	345
6	Other Indication Care-Delivery	1,456	Alcoholic Psychoses	325
7	Early/Threatened Labor	1,211	Other Cellulitis/Abscess	302
8	Hypertension Complication Pregnancy	1,184	Diseases of the Pancreas	289
9	Umbilical Cord Complications	1,108	Intervertebral Disc Disorder	263
10	Abnormal Forces of Labor	1,092	Drug Dependence	245
11	Late Pregnancy	1,044	Respiratory System/Other Chest Symptom	237
12	Other Amniotic Cavity Problems	920	Pneumonia	223
13	Other Fetal Problems Affecting Mother	773	Replacement & Graft Comp	190
14	Malposition of Fetus	717	Chronic Liver Disease/Cirrhosis	182
15	Uterine Leiomyoma	625	General Symptoms	171
16	Cholelithiasis	556	Renal/Ureteral Calculus	168
17	Other Complication of Pregnancy	491	Cholelithiasis	153
18	Obstructed Labor	450	General Medical Exam	152
19	Other Obstetrical Trauma	449	Other Nonorganic Psychoses	148
20	Endometriosis	387	Ankle Fracture	139
21	Disorder of Menstruation	383	Rehaedurehabilitation Proc	133
22	Diseases of the Pancreas	298	Cholelithiasis	133
23	Schizophrenic Disorders	262	Acute Myocardial Infarction (AMI)	131
24	Postpartum Hemorrhage	257	Other Surgical Compound	127
25	Diabetes Mellitus	255	Tibia & Fibula Fracture	126

**Top 25 Reasons for Hospitalization  
Frequency By Principal Diagnosis - Ages 45 - 64  
2002**

Rank	Females	# of Discharges	Males	# of Discharges
1	Affective Psychoses	716	Other Chronic Ischemic Heart Disease	950
2	Respiratory System /Other Chest Symptom	700	Acute Myocardial Infarction (AMI)	824
3	Uterine leiomyoma	635	Respiratory System /Other Chest Symptom	560
4	Pneumonia	521	Pneumonia	434
5	Replacement & Graft Comp	513	Diabetes Mellitus	420
6	Osteoarthritis Eustachian Tube ac Leuk	494	Replacement & Graft Comp	419
7	Cholelithiasis	408	Affective Psychoses	394
8	Other Chronic Ischemic Heart Disease	404	Heart Failure	378
9	Genital Prolapse	361	Osteoarthritis Eustachian Tube ac Leuk	366
10	Diabetes Mellitus	341	Other Cellulitis/Abscess	312
11	Acute Myocardial Infarction (AMI)	337	Cardiac Dysrhythmias	297
12	Chronic Bronchitis	277	Chronic Liver Disease/Cirrhosis	292
13	Heart Failure	275	Alcohol Psychoses	277
14	Asthma	275	Intervertebral Disc Dislocation	253
15	Fluid/Electrolyte Disorder	269	Diseases of the Pancreas	241
16	Other Cellulitis/Abscess	261	Chronic Bronchitis	231
17	Rehabilitation Procedure	260	Rehabilitation Procedure	228
18	Diseases of the Pancreas	237	Malignant Neoplasm of Prostate	216
19	Malignant Neoplasm Female Breast	224	Schizophrenic Disorders	214
20	General Symptoms	211	Cholelithiasis	212
21	Intervertebral Disc Dislocation	209	General Symptoms	200
22	Other Surgical Complications	206	Renal/Ureteral Calculus	197
23	Intestinal Obstruction	196	Other Surgical Complications	182
24	Cardiac Dysrhythmias	192	Fluid/Electrolyte Disorder	174
25	Schizophrenic Disorders	184	Diverticula of Intestine	168

**2001**

Rank	Females	# of Discharges	Males	# of Discharges
1	Affective Psychoses	723	Other Chronic Ischemic Heart Disease	990
2	Respiratory System /Other Chest Symptom	675	Acute Myocardial Infarction (AMI)	851
3	Uterine leiomyoma	574	Respiratory System /Other Chest Symptom	673
4	Pneumonia	504	Pneumonia	465
5	Other Chronic Ischemic Heart Disease	450	Diabetes Mellitus	460
6	Replacement & Graft Comp	435	Affective Psychoses	395
7	Osteoarthritis Eustachian Tube ac Leuk	434	Replacement & Graft Comp	380
8	Cholelithiasis	412	Osteoarthritis Eustachian Tube ac Leuk	305
9	Diabetes Mellitus	403	Heart Failure	300
10	Genital Prolapse	398	Chronic Liver Disease/Cirrhosis	275
11	Acute Myocardial Infarction (AMI)	309	Other Cellulitis/Abscess	250
12	Heart Failure	274	Diseases of the Pancreas	249
13	Chronic Bronchitis	271	Cardiac Dysrhythmias	244
14	Asthma	254	Cholelithiasis	240
15	Rehabilitation Procedure	248	Alcohol Psychoses	232
16	Malignant Neoplasm Female Breast	233	Intervertebral Disc Dislocation	213
17	Other Cellulitis/Abscess	222	General Symptoms	212
18	Other Surgical Complications	217	Malignant Neoplasm of Prostate	207
19	Disorder of Menstruation	216	Rehabilitation Procedure	206
20	Fluid/Electrolyte Disorder	210	Chronic Bronchitis	204
21	General Symptoms	209	Renal/Ureteral Calculus	202
22	Schizophrenic Disorders	198	Schizophrenic Disorders	189
23	Diseases of the Pancreas	198	Alcohol Dependence Syndrome	171
24	Intervertebral Disc Dislocation	189	Fluid/Electrolyte Disorder	159
25	Intestinal Obstruction	181	Intestinal Obstruction	158

**Top 25 Reasons for Hospitalization  
Frequency By Principal Diagnosis - Ages 65 & Over  
2002**

Rank	Females	# of Discharges	Males	# of Discharges
1	Pneumonia	1,785	Pneumonia	1,480
2	Rehabilitation Procedure	1,427	Other Chronic Ischemic Heart Disease	1,215
3	Heart Failure	1,192	Heart Failure	997
4	Femur Neck Fracture	1,125	Acute Myocardial Infarction (AMI)	969
5	Osteoarthritis Eustachian Tube ac Leuk	1071	Cardiac Dysrhythmias	692
6	Fluid/Electrolyte Disorder	838	Rehabilitation Procedure	676
7	Cardiac Dysrhythmias	827	Chronic Bronchitis	668
8	Acute Myocardial Infarction (AMI)	803	Osteoarthritis Eustachian Tube ac Leuk	620
9	Other Chronic Ischemic Heart Disease	800	Replacement & Graft Compound	485
10	Chronic Bronchitis	712	Fluid/Electrolyte Disorder	428
11	Respiratory Syst/Other Chest Symptom	675	Femur Neck Fracture	410
12	Replacement & Graft Compound	599	Hyperplasia of Prostate	396
13	Other Urinary Tract Disorder	540	Respiratory Syst/Other Chest Symptom	381
14	General Symptoms	476	Other Urinary Tract Disorder	331
15	Cerebral Artery Occlusion	438	General Symptoms	321
16	Intestinal Obstruction	424	Septicemia	299
17	Cholelithiasis	423	Diabetes Mellitus	290
18	Diabetes Mellitus	391	Intestinal Obstruction	290
19	Diverticula of Intestine	370	Cholelithiasis	290
20	Septicemia	362	Cerebral Artery Occlusion	285
21	Genital Prolapse	346	Malignant Neoplasm of Prostate	252
22	Other Bone/Cart Disorder	309	Other Bacteria Pneumonia	234
23	Other Cellulitis/ Abscess	268	Precerebral Occlusion	233
24	Gastrointestinal Hemorrhage	261	Solid/Liquid Pneumonitis	230
25	Other Unspecified Back Disorder	257	Diverticula of Intestine	229

**2001**

Rank	Females	# of Discharges	Males	# of Discharges
1	Pneumonia	1,590	Pneumonia	1,463
2	Rehabilitation Procedure	1,374	Other Chronic Ischemic Heart Disease	1,293
3	Heart Failure	1,224	Acute Myocardial Infarction (AMI)	1,052
4	Femur Neck Fracture	1,208	Heart Failure	1,051
5	Osteoarthritis Eustachian Tube ac Leuk	954	Rehabilitation Procedure	710
6	Other Chronic Ischemic Heart Disease	878	Cardiac Dysrhythmias	650
7	Cardiac Dysrhythmias	852	Chronic Bronchitis	604
8	Fluid/Electrolyte Disorder	828	Osteoarthritis Eustachian Tube ac Leuk	554
9	Acute Myocardial Infarction (AMI)	826	Respiratory Syst/Other Chest Symptom	498
10	Respiratory Syst/Other Chest Symptom	736	Hyperplasia of Prostate	468
11	Chronic Bronchitis	715	Replacement & Graft Compound	465
12	Other Urinary Tract Disorder	579	Femur Neck Fracture	445
13	Replacement & Graft Compound	540	Fluid/Electrolyte Disorder	410
14	General Symptoms	538	General Symptoms	400
15	Diabetes Mellitus	445	Other Urinary Tract Disorder	381
16	Intestinal Obstruction	433	Diabetes Mellitus	340
17	Cerebral Artery Occlusion	414	Cholelithiasis	330
18	Cholelithiasis	397	Intestinal Obstruction	313
19	Genital Prolapse	382	Septicemia	305
20	Diverticula of Intestine	365	Malignant Neoplasm of Prostate	273
21	Other Cellulitis/ Abscess	327	Cerebral Artery Occlusion	270
22	CVA (Stroke)	324	Precerebral Occlusion	228
23	Septicemia	307	CVA (Stroke)	223
24	Gastrointestinal Hemorrhage	293	Solid/Liquid Pneumonitis	219
25	Transient Cerebral Ischemia	258	Diverticula of Intestine	219

## TOP SURGICAL PROCEDURES – 2002 vs. 2001

- ◆ There have been few changes in the data for the most frequent surgical procedures from 2001 to 2002. Statewide, the top ten surgical procedures for 2001 remain the top ten procedures for 2002.
- ◆ There has been an increase in the number of total number of discharges for the top ten procedures from 2001 to 2002 – 37,482 in 2002 compared to 36,447 in 2001.
- ◆ The top ten surgical procedures performed in New Mexico are other obstetric operations, joint repair, cesarean section delivery, other uterine incision and excision, intestinal incision/ excision/anastomosis, heart vessel operations, other heart/pericardium operations, gall bladder and biliary tract operations, other vessel procedures and fracture/ dislocation reduction procedures.
- ◆ In the Ages 18 & Under group, appendix operations (appendectomies) are among the leading procedures for both males and females. For males in this group, injury-related procedures such as fracture/dislocation reduction and skin and subcutaneous tissue operations are at the top of the list while pregnancy-related procedures are most common for females.
- ◆ In the Ages 19-44 group, fracture/dislocation reduction procedures, skin and subcutaneous tissue operations, appendectomies and joint repairs are the most frequently performed procedures for males, while gynecological, obstetrical procedures and deliveries are the most frequent for females in both 2001 and 2002. The number of discharges for females in this age group outnumbers the discharges for males – 15,316 for females to 2,921 for males.
- ◆ In the Ages 45-64 group, other uterine incisions and excisions are the most frequently performed surgical procedures for females, while heart-related operations are the most frequently performed procedures for males. Joint repairs are the second most frequently performed surgical procedures for females and third most frequent for males.
- ◆ In the population 65 & Over, the most frequent procedures for females are joint repair, intestinal incision/excision/anastomosis and fracture/dislocation reduction. For males, heart-related operations, joint repair and intestinal incision/excision/anastomosis procedures are the most frequent. The total number of discharges for females in this age group is 7,716 as compared to 6,634 for men.

## Overall Frequency by Principal Procedure

**2002**

Rank	Surgical Procedure	# of Discharges
1	Other Obstetric Operations	5,309
2	Joint Repair	4,784
3	Cesarean Delivery	4,643
4	Other Uterine Incision & Excision	3,752
5	Intestinal Incision/Excision/Anastomosis	3,554
6	Heart Vessel Operations	3,518
7	Other Heart/Pericardium Operations	3,517
8	Gall Bladder & Biliary Tract Operations	2,858
9	Other Vessel Procedures Incision/Excision	2,840
10	Reduction Fracture/Dislocation	2,707
11	Other Vessel Operations	2,438
12	Skin & Subcutaneous Tissue Operations	2,289
13	Appendix Operations	1,758
14	Fallopian Tube Operation	1,329
15	Forcep/Vacuum/Breech Delivery	1,182
16	Joint Structure Incision/Excision	1,073
17	Prostate/Seminal Vesicle Operations	966
18	Other Abdominal Operations	804
19	Spinal Cord & Canal Operations	681
20	Other Gastric Operations	672

**2001**

Rank	Surgical Procedure	# of Discharges
1	Other Obstetric Operations	5,076
2	Joint Repair	4,505
3	Cesarean Delivery	4,501
4	Other Uterine Incision & Excision	3,632
5	Other Heart/Pericardium Operations	3,526
6	Heart Vessel Operations	3,466
7	Intestinal Incision/Excision/Anastomosis	3,405
8	Reduction Fracture/Dislocation	2,925
9	Gall Bladder & Biliary Tract Operations	2,844
10	Other Vessel Operations	2,567
11	Other Vessel Procedures Incision/Excision	2,431
12	Skin & Subcutaneous Tissue Operations	2,245
13	Appendix Operations	1,698
14	Fallopian Tube Operation	1,228
15	Forcep/Vacuum/Breech Delivery	1,170
16	Prostate/Seminal Vesicle Operations	1,028
17	Joint Structure Incision/Excision	974
18	Other Abdominal Operations	816
19	Breast Operations	770
20	Other Gastric Operations	761

**Top 10 Surgical Procedures  
Frequency By Principal Procedure - Ages 18 & Under**

**2002**

Rank	Females	# of Discharges	Males	# of Discharges
1	Other Obstetric Operations	703	Appendix Operations	364
2	Cesarean Delivery	270	Reduction Fracture/Dislocation	211
3	Appendix Operations	253	Other Vessel Procedures Incision/Excision	206
4	Forcep / Vacuum / Breech Delivery	179	Skin & Subcutaneous Tissue Operations	143
5	Other Vessel Procedures Incision/Excision	161	Tonsil & Adenoid Operations	54
6	Reduction Fracture/Dislocation	110	Other Muscle/Tendon/Fascial Operations	51
7	Skin & Subcutaneous Tissue Operations	74	Other Skull/Brain Operations	50
8	Gall Bladder & Biliary Tract Operations	64	Joint Repair	50
9	Tonsil & Adenoid Operations	52	Other Abdomen Region Operations	46
10	Heart Valves & Septa Operations	51	Other Bone & Facial Operations	46

**2001**

Rank	Females	# of Discharges	Males	# of Discharges
1	Other Obstetric Operations	646	Appendix Operations	344
2	Cesarean Delivery	322	Reduction Fracture/Dislocation	268
3	Appendix Operations	284	Other Vessel Procedures Incision/Excision	190
4	Forcep / Vacuum / Breech Delivery	175	Skin & Subcutaneous Tissue Operations	140
5	Other Operations on Vessel	147	Tonsil & Adenoid Operations	67
6	Other Vessel Procedures Incision/Excision	138	Other Muscle/Tendon/Fascial Operations	60
7	Reduction Fracture/Dislocation	117	Hernia Repair	58
8	Skin & Subcutaneous Tissue Operations	96	Other Skull/Brain Operations	54
9	Other Assist/Induce Delivery Procedures	72	Incision/ Excision Joint Structures	48
10	Gall Bladder & Biliary Tract Operations	57	Kidney Operations	42

**Top 10 Surgical Procedures  
Frequency By Principal Procedure - Ages 19 - 44**

**2002**

Rank	Females	# of Discharges	Males	# of Discharges
1	Other Obstetric Operations	4,603	Reduction Fracture/Dislocation	501
2	Cesarean Delivery	4,364	Skin & Subcutaneous Tissue Operations	451
3	Other Uterine Incision/Excision	1,962	Appendix Operations	415
4	Fallopian Tube Operations	1,302	Joint Repair	309
5	Forcep/Vacuum/Breech Delivery	1,001	Joint Structure Incision/Excision	263
6	Gall Bladder & Biliary Tract Operations	760	Intestinal Incision/Excision/Anastomosis	252
7	Other Assist/Induce Delivery Procedures	350	Gall Bladder & Biliary Tract Operations	207
8	Appendix Operations	335	Other Vessel Procedures Incision/Excision	194
9	Skin & Subcutaneous Tissue Operations	320	Other Heart/Pericardium Operations	193
10	Ovarian Operations	319	Other Vessel Operations	136

**2001**

Rank	Females	# of Discharges	Males	# of Discharges
1	Other Obstetric Operations	4,429	Reduction Fracture/Dislocation	471
2	Cesarean Delivery	4,168	Skin & Subcutaneous Tissue Operations	436
3	Other Uterine Incision/Excision	1,867	Appendix Operations	374
4	Fallopian Tube Operations	1,207	Joint Repair	295
5	Forcep/Vacuum/Breech Delivery	995	Intestinal Incision/Excision/Anastomosis	267
6	Gall Bladder & Biliary Tract Operations	738	Joint Structure Incision/Excision	225
7	Other Assist/Induce Delivery Procedures	668	Gall Bladder & Biliary Tract Operations	206
8	Ovarian Operations	352	Other Heart/Pericardium Operations	173
9	Appendix Operations	329	Other Vessel Operations	157
10	Skin & Subcutaneous Tissue Operations	300	Other Vessel Procedures Incision/Excision	155

**Top 10 Surgical Procedures  
Frequency By Principal Procedure - Ages 45 - 64**

**2002**

Rank	Females	# of Discharges	Males	# of Discharges
1	Other Uterine Incisions & Excisions	1,493	Heart Vessel Operations	1,137
2	Joint Repair	832	Other Heart/Pericardium Operations	772
3	Intestinal Incision/Excision/Anastomosis	554	Joint Repair	693
4	Gall Bladder & Biliary Tract Operations	548	Intestinal Incision/Excision/Anastomosis	545
5	Other Heart/Pericardium Operations	540	Other Vessel Operations	493
6	Other Vessel Operations	448	Other Vessel Procedures Incision/Excision	388
7	Heart Vessel Operations	383	Skin & Subcutaneous Tissue Operations	379
8	Other Vessel Procedures Incision/Excision	379	Prostate & Seminal Vesicle Operations	316
9	Skin & Subcutaneous Tissue Operations	324	Gall Bladder & Biliary Tract	306
10	Breast Operations	301	Reduction Fracture/Dislocation	247

**2001**

Rank	Females	# of Discharges	Males	# of Discharges
1	Other Uterine Incisions & Excisions	1,461	Heart Vessel Operations	1,108
2	Joint Repair	787	Other Heart/Pericardium Operations	744
3	Gall Bladder & Biliary Tract Operations	533	Joint Repair	579
4	Intestinal Incision/Excision/Anastomosis	526	Intestinal Incision/Excision/Anastomosis	466
5	Other Heart/Pericardium Operations	495	Other Vessel Operations	424
6	Other Vessel Operations	423	Skin & Subcutaneous Tissue Operations	367
7	Heart Vessel Operations	402	Gall Bladder & Biliary Tract Operations	321
8	Breast Operations	358	Prostate & Seminal Vesicle Operations	316
9	Reduction Fracture/Dislocation	320	Other Vessel Procedures Incision/Excision	288
10	Other Vessel Procedures Incision/Excision	308	Reduction Fracture/Dislocation	253

**Top 10 Surgical Procedures  
Frequency By Principal Procedure - Ages 65 & Over**

**2002**

Rank	Females	# of Discharges	Males	# of Discharges
1	Joint Repair	1,725	Heart Vessel Operations	1,148
2	Intestinal Incision/Excision/Anastomosis	1,086	Other Heart/Pericardium Operations	1,008
3	Reduction Fracture/Dislocation	911	Joint Repair	883
4	Other Heart/Pericardium Operations	854	Intestinal Incision/Excision/Anastomosis	784
5	Heart Vessel Operations	686	Prostate/Seminal Vesicle Operations	642
6	Other Vessel Procedures Incision/Excision	658	Other Vessel Procedures Incision/Excision	622
7	Other Vessel Operations	607	Other Vessel Operations	577
8	Gall Bladder & Biliary Tract Operations	542	Gall Bladder & Biliary Tract Operations	422
9	Skin & Subcutaneous Tissue Operations	353	Reduction Fracture/Dislocation	303
10	Other Uterine Incision/Excision	294	Skin & Subcutaneous Tissue Operations	245

**2001**

Rank	Females	# of Discharges	Males	# of Discharges
1	Joint Repair	1,667	Heart Vessel Operations	1,130
2	Intestinal Incision/Excision/Anastomosis	1,045	Other Heart/Pericardium Operations	1,054
3	Reduction Fracture/Dislocation	968	Joint Repair	868
4	Other Heart/Pericardium Operations	917	Intestinal Incision/Excision/Anastomosis	836
5	Heart Vessel Operations	662	Prostate/Seminal Vesicle Operations	703
6	Other Vessel Operations	646	Other Vessel Procedures Incision/Excision	578
7	Gall Bladder & Biliary Tract Operations	601	Other Vessel Operations	554
8	Other Vessel Procedures Incision/Excision	523	Gall Bladder & Biliary Tract Operations	455
9	Skin & Subcutaneous Tissue Operations	356	Reduction Fracture/Dislocation	336
10	Other Uterine Incision/Excision	299	Skin & Subcutaneous Tissue Operations	266

## **PATIENT DAYS BY ETHNICITY AND MODIFIED MAJOR DIAGNOSTIC CATEGORY (MMDC) – 1999 – 2002**

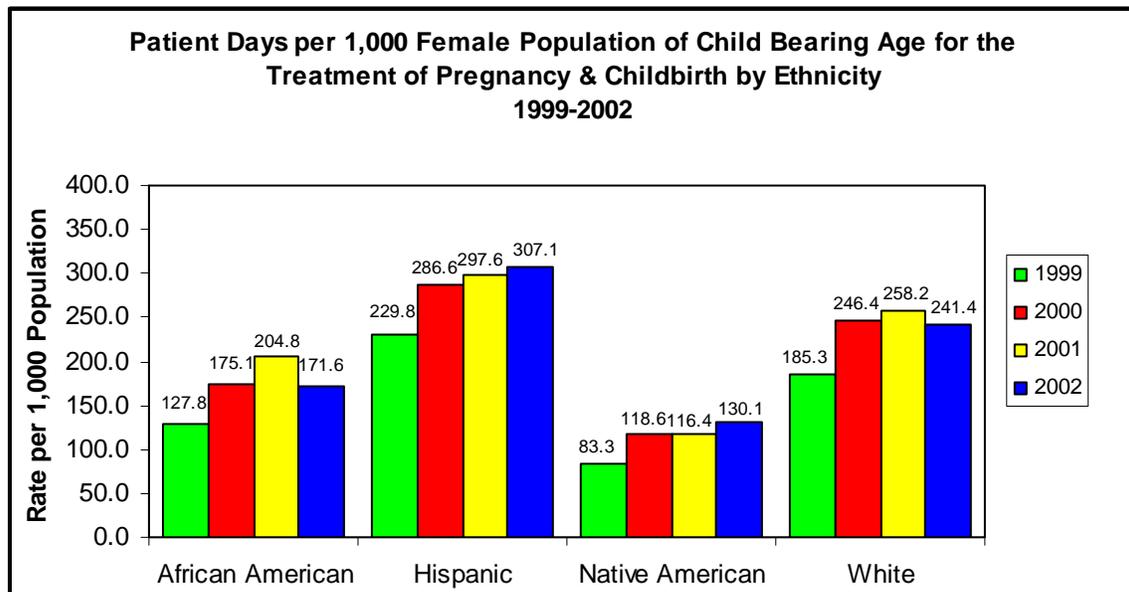
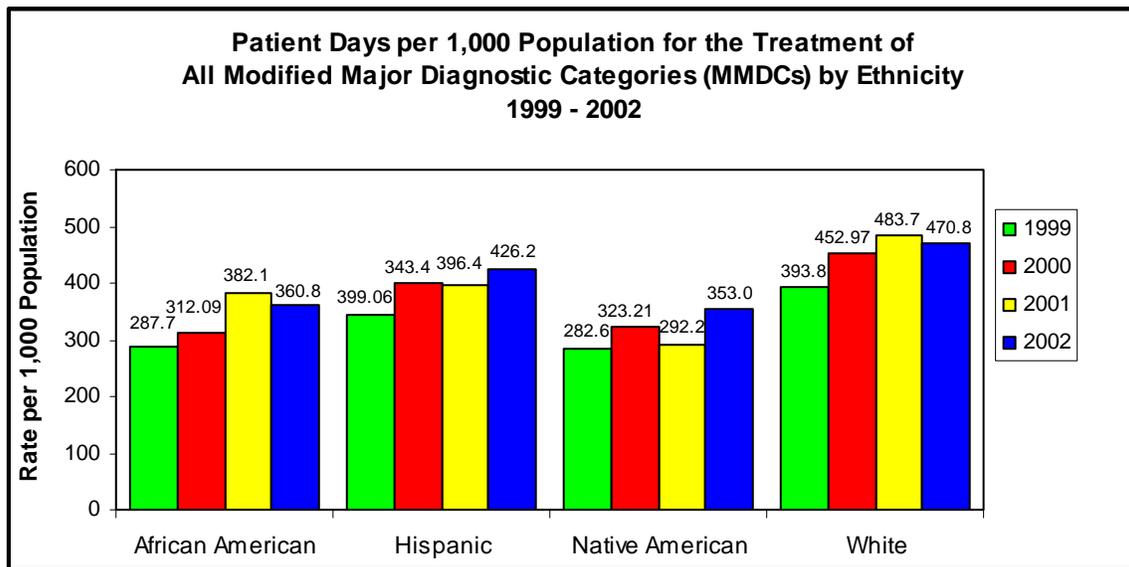
- ◆ For New Mexico residents hospitalized in 2002, reported ethnicity was 44.1% for Whites (Non-Hispanic Whites), 37.1% Hispanic, 5.3% Native Americans and 1.6% African Americans. Asian/Pacific Islanders and “Other” accounted for 5.1% of the discharges and 4.0% were of unknown ethnicity.
- ◆ Over the 3-year period of 2000 through 2002, the White population had the highest number of Patient Days per 1,000 Population for the Treatment of All Modified Major Diagnostic Categories (MMDC) followed by the Hispanic population.
- ◆ Over the 4-year period of 1999 through 2002, the Hispanic population had the highest number of Patient Days per 1,000 Female Population of Child Bearing Age for the Treatment of Pregnancy & Childbirth.
- ◆ Patient Days per 1,000 Population for the Treatment of Mental Diseases & Disorders increased for all ethnicities from 2001 to 2002. The African American population recorded the largest increase followed by the Native American population as the second largest increase.

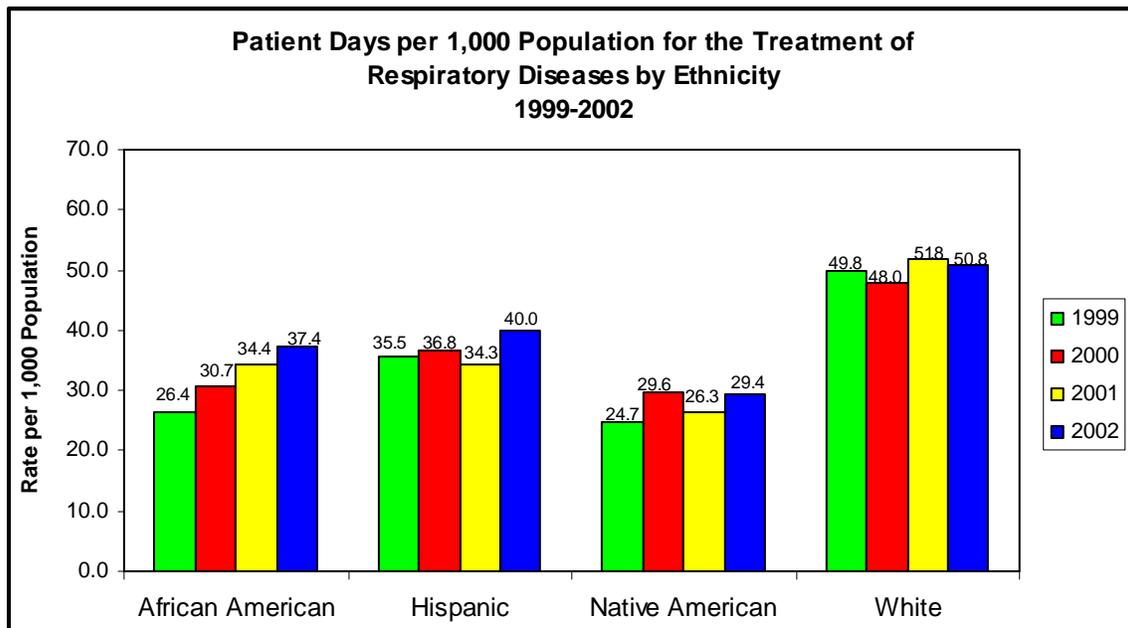
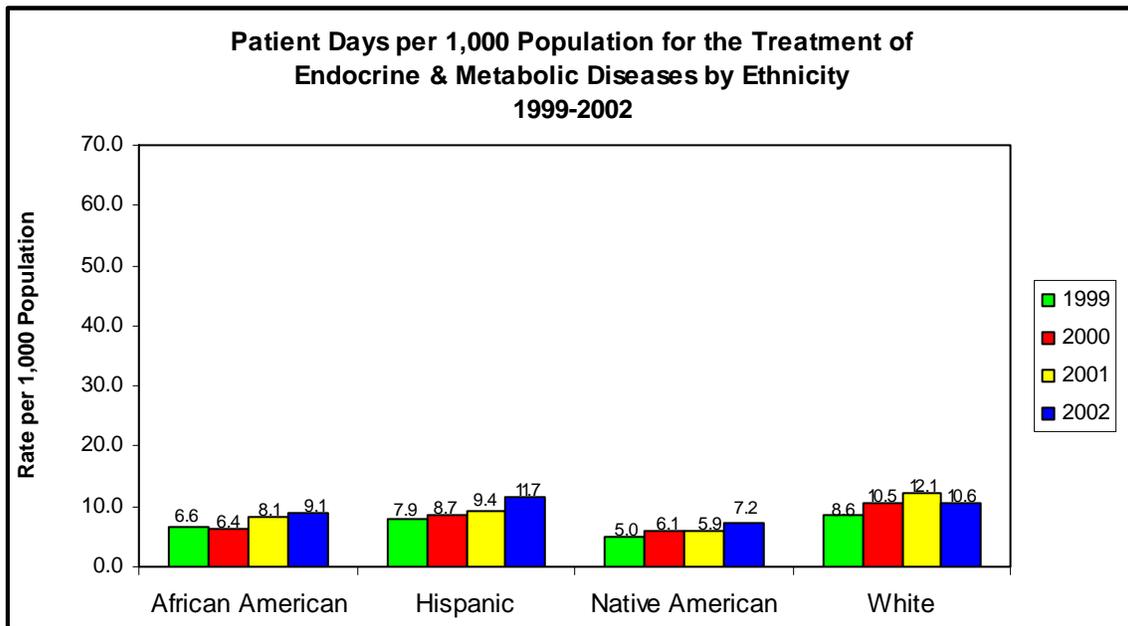
### **METHODOLOGY NOTES:**

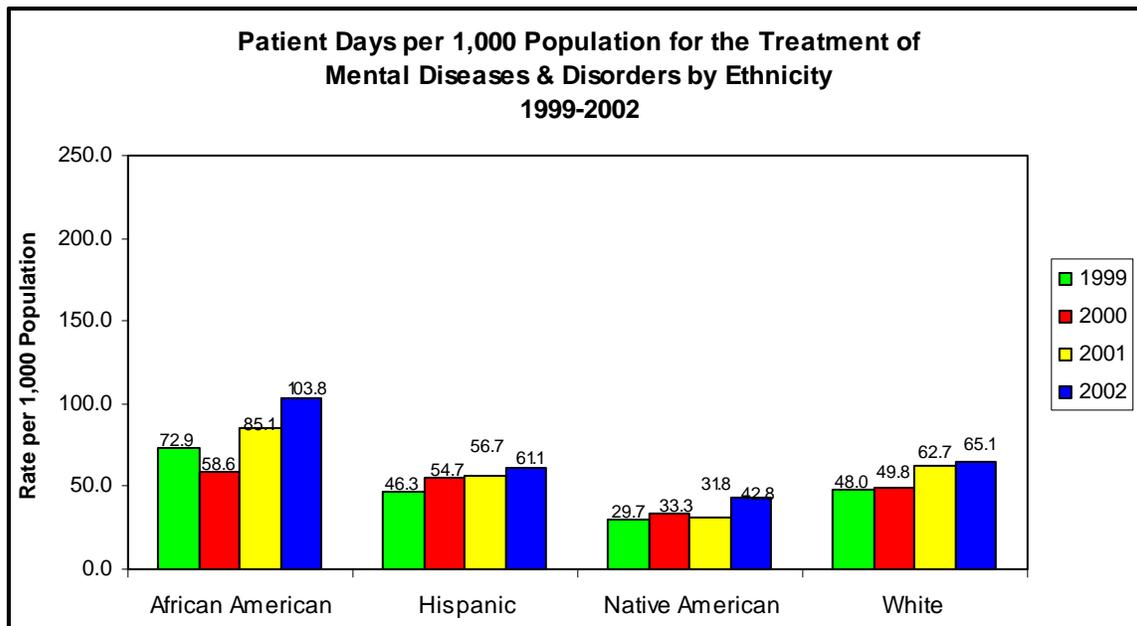
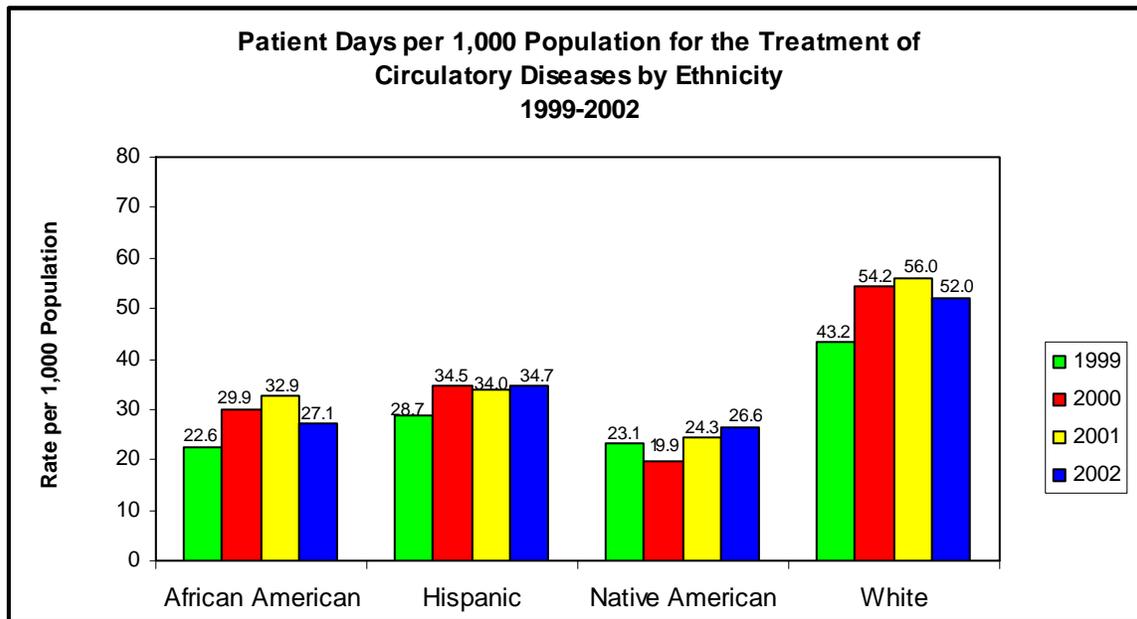
- ◆ The Indian Health Service (IHS) is a federal agency and does not report discharges to the Health Information System (HIS) of the Health Policy Commission. Therefore, the patient days for Native Americans are under reported by varying amounts for all categories.
- ◆ Ethnicity is reported to the HIS by the hospitals and is largely self-reported.
- ◆ All hospitalization rates were calculated per 1,000 State residents of each ethnicity except for the treatment of pregnancy and childbirth. In the latter case the number of female residents of New Mexico of child bearing age (15-44 years old), based on reported ethnicity, was used as the denominator.

## HOSPITALIZATION BY MMDC AND ETHNICITY

The following charts reflect patient days per 1,000 population by MMDCs and ethnicity. Ethnicity is reported to the Health Information System (HIS) by hospitals and is self-reported by patients. Though data is collected for Asian/Pacific Islander, other, and unknown, these ethnic groups are not represented in the graphs listed in this section. Since Indian Health Service (IHS) hospitals are part of a federal agency and they do not report discharges to the (HIS). Patient days for Native Americans are under reported by varying amounts for all categories. It should be noted that data reported includes only those hospitalizations of New Mexico residents in New Mexico Non-Federal Hospitals.







## DEATHS AND CAUSES OF DEATH - 2002

- ◆ There were 3,713 deaths of New Mexico residents reported by New Mexico hospitals in 2002.
- ◆ The top ten causes of death of New Mexico residents reported by New Mexico hospitals are as follows:
  - ◆ Respiratory System = 941
  - ◆ Circulatory System = 681
  - ◆ Diseases of the Nervous System = 424
  - ◆ Diseases of the Digestive System = 331
  - ◆ Infectious and Parasite Diseases = 255
  - ◆ Hepatobiliary System and Pancrease = 246
  - ◆ Musculoskeletal System = 154
  - ◆ Kidney and Urinary Tract = 123
  - ◆ Endocrine, Nutritional, Metabolic = 102
  - ◆ Newborn, Neonatal = 85
- ◆ The gender breakdown for the top five causes of death of New Mexico residents reported by New Mexico hospitals are as follows:
  - ◆ Respiratory System  
Female = 445  
Male = 496
  - ◆ Circulatory System  
Female = 325  
Male = 356
  - ◆ Diseases of the Nervous System  
Female = 225  
Male = 199
  - ◆ Diseases of the Digestive System  
Female = 174  
Male = 157
  - ◆ Infectious and Parasite Diseases  
Female = 143  
Male = 112

## **COUNTY INDIGENT FUND AND CHARITY CARE - 2002**

- ◆ In 2002, the total charges reported, by New Mexico hospitals for services paid by the County Indigent Fund is \$16,667,968. The total number of New Mexico hospital discharges attributed to the County Indigent Fund in 2002 is 1,260.
  
- ◆ In 2002, the total charges reported for New Mexico hospital services expensed to charity care is \$24,797,212. The total number of New Mexico hospital discharges attributed to charity care in 2002 is 2,519.

## TOTAL CHARGES - 2002

- ◆ In top ten Diagnosis Related Groups (DRGs), normal newborns had the greatest percentage of discharges (10.56%), the lowest average charge per discharge (\$1,077) and the shortest average length of stay in days (1.66 days)
- ◆ Although psychosis has the longest average length of stay in days (9.87 days) among the top ten Diagnosis Related Groups (DRGs), the average charge per discharge (\$9,822) is in the mid-range of the scale.
- ◆ The greatest percentage (57.8%) of discharges average between \$1,000 and \$9,999 in total charges.
- ◆ Only 3.3% of discharges average more than \$50,000 in charges, while 7.2% average less than \$1,000.