

***A Guide to
Hospital Charges by
Diagnosis Related Group
1993 Claims***

North Dakota Department of Health



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by Diagnosis Related Group**

1993 Claims

January 1996

**North Dakota Health Care Data Committee
and
North Dakota Department of Health
600 East Boulevard Avenue
Bismarck, ND 58505-0200
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North Dakota Health Care Data Committee

The North Dakota Health Care Data Committee is a standing committee of the Health Council established under the North Dakota health care data law (North Dakota Century Code 23-01.1). The committee is composed of five members, a majority of whom must be health care consumers, selected by the chairperson of the State Health Council. State Health Council members are appointed by the governor.

The duty of the Health Care Data Committee is to provide public information necessary for the enhancement of price competition in the health care market. Toward that objective, the committee has developed this report with the support and assistance of the State Department of Health.

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Introduction

In 1987, the North Dakota legislature established the Health Care Data Committee as a standing committee of the State Health Council. Under North Dakota Century Code § 23-01.1, the Health Care Data Committee is authorized to prepare an annual report that compares average hospital charges for the twenty-five most common diagnoses treated in nonfederal, acute care hospitals in North Dakota. In accordance with that legislative mandate, this report contains baseline information for comparing average hospital charges and lengths of stay for the twenty-five most frequent diagnoses treated in North Dakota hospitals.

However, it is important to recognize that comparing charges is only one way of evaluating hospitals in North Dakota. While this report provides comparative information on hospital charges for similar illnesses, there are other important measures that should be considered. These include the quality of care provided, the intensity and specialization of services offered, and the severity of cases treated.

DRGs

The comparative charge information presented in this report shows the average charges and average length of stay (LOS) by "diagnosis related group" (DRG). A DRG is one of 495 classifications of diagnoses in which people with similar conditions use similar amounts of health care resources. DRGs are used here for grouping similar types of claims; for example, normal newborns (DRG 391), Cesarean section without complicating conditions (DRG 371), and coronary bypass with cardiac catheterization (DRG 106).

How the Information was Compiled

The health care data act authorizes the Committee to require insurers, nonprofit health service corporations, health maintenance organizations, and state agencies to provide data. Under this authority the Health Care Data Committee requested diagnosis-specific health insurance claims data, using a standard minimum data set derived from the federal UB-82 claim form, from the five accident and health insurance companies doing the most business in North Dakota for calendar year 1993. In addition, the Committee obtained the calendar year 1993 Medicare and Medicaid inpatient hospital claims for North Dakota. These claim files were combined into a single inpatient hospital claims data set.

From this data set the records that met all the applicable data processing criteria (i.e., records that were complete, groupable to DRGs, and applied to North Dakota

inpatient, nonfederal, acute care facilities) were extracted and grouped according to the diagnosis related groups. This data set contains 62,723 records, about 70 percent of all North Dakota acute care hospitalizations during 1993.

Next, the Medicare criteria for length of stay and cost outliers were applied to the data to remove the records that reflected an unusually high cost or long hospital stay. This data was then used to calculate the average charge information provided in this report.

The hospitals are listed in two categories. Large hospitals have one hundred or more licensed beds. Small hospitals have less than one hundred licensed beds. For each of these categories the statewide average charge per case and length of stay are listed for each DRG. The hospitals are listed in descending order of their average charges for that DRG. The first column to the right of the hospital name/location is headed "Total Cases." This represents the total number of cases used in calculating the average length of stay and average charge per case. In those instances where the total number of cases for a DRG and for a hospital was less than five, the data is not reported because the Committee felt that a meaningful average could not be calculated on the basis of fewer than five cases.

Considerations in Using the Data

Differences in practice patterns, the severity of cases treated, and the quality of care delivered can affect the cost of care and the length of stay in North Dakota hospitals. This report should be examined with these considerations in mind.

It is also important to remember that:

- **Average** - The data reported are based on averages. This means any particular case may differ from the average charge and the average length of stay.
- **Charges** - The data in this report are average "charges" for a particular diagnosis at each hospital. These charges do not reflect the actual payment to hospitals after reductions for discounts, charity care or "fixed" payments made by government or by private insurance claims payment programs. Further, charges do not reflect the actual cost to the hospital for providing the service.
- **Average Length of Stay** - The data reported are based on the number of days of care received by each patient discharged during the period covered by the report. Patients admitted and discharged from the hospital in the same day were excluded from the calculation; overnight stays in the hospital were counted as one day.

- **Hospital Charges** - The charges reported include only hospital charges, not charges for physician services or other services which are billed separately.
- **Seriousness or Severity of Illness** - The severity of illness varies from one patient to another within the DRG categories. The DRGs presented in this report do not fully account for differences in severity of illness or intensity of treatments. They are intended only to represent, for comparative purposes, the average charge for patients in a DRG.

While the information in this report does not reflect the severity of illnesses treated in North Dakota hospitals, a case-mix index for North Dakota (Appendix B) shows some variability in the severity of illness and intensity of treatments in North Dakota hospitals. A case-mix index is a method of adjustment used to reflect the severity of illness and complexity of treatment for patients at a particular hospital. It is intended to reflect the relative resource consumption associated with patients treated at a hospital. The higher the index, the greater the average resource consumption per patient. It is presented in Appendix A to give a general measure of the relative severity of cases treated in North Dakota hospitals.

Hospital Comments

Because a wide variety of factors, in addition to those discussed in this introduction, may affect hospital charges, the Health Care Data Committee invited each hospital to comment on the information contained in this report. The comments of those who chose to respond are contained in Appendix A.

Table I
The 25 Most Common Diagnosis Related Groups
in North Dakota Hospitals
1993

<u>Frequency Ranking</u>	<u>DRG</u>	<u>Description</u>
1	373	Vaginal Delivery Without Complicating Diagnoses
2	391	Normal Newborn (Well Baby Care)
3	127	Heart Failure & Shock
4	89	Simple Pneumonia & Pleurisy, Age Greater than 17 with Complicating Conditions
5	209	Major Joint and Limb Reattachment Procedures of Lower Extremity (Prosthetic Joint, Excluding Total Hip Replacement)
6	182	Esophagitis, Gastroenteritis, Miscellaneous Digestive Disorders, Age Greater than 17 with Complicating Conditions (Dysentery, Food Poisoning)
7	88	Chronic Obstructive Pulmonary Disease (Chronic Respiratory Disease)
8	14	Specific Cerebrovascular Disorders Except Transient Ischemic Attacks (Brain Disorders Including Aneurism, Stroke)
9	112	Percutaneous Cardiovascular Procedures (Replacement of Heart Valve, Bypass, Varicose Vein Stripping)
10	296	Nutritional and Miscellaneous Metabolic Disorders with Complications for Age greater than 17 (Malnutrition, Obesity, Cystic Fibrosis)
11	174	Gastrointestinal Hemorrhage, with Complicating Conditions (Bleeding Ulcer, Bleeding of Rectum or Anus)
12	371	Cesarean Section without Complicating Conditions

<u>Frequency Ranking</u>	<u>DRG</u>	<u>Description</u>
13	359	Uterine & Adnexa Procedure for Nonmalignancy without Complicating Conditions (Tubal Pregnancy)
14	390	Neonate with Other Significant Problems (Newborn, First 28 days, with Other Significant Problems)
15	140	Angina Pectoris (Severe Chest Pain Caused by Insufficient Blood Supply to Heart)
16	148	Major Small & Large Bowel Procedures, with Complicating Conditions (Colostomy, Removal of Portions of the Large or Small Bowel)
17	243	Medical Back Problems (Nonsurgical Treatment of Back Pain, Excluding Lumbago, Sprains)
18	106	Coronary Bypass with Cardiac Catheterization
19	91	Simple Pneumonia & Pleurisy, Age 0-17
20	121	Circulatory Disorders with Acute Myocardial Infarction & Cardiovascular Complication, Discharged Alive (heart Attack with Arteries Blocked or Partially Blocked)
21	389	Full-Term Neonate with Major Problems (Newborn, First 28 days, with Major Medical Problems)
22	79	Respiratory Infections & Inflammations, Age Greater than 17 with Complicating Conditions
23	138	Cardiac Arrhythmia & Conduction Disorders, with Complicating Conditions (Heartbeat Irregularity)
24	183	Esophagitis, Gastroenteritis and Miscellaneous Digestive Disorders, Age Greater than 17, without Complicating Conditions (Dysentery, Food Poisoning)
25	122	Circulatory Disorders with Acute Myocardial Infarction and without Cardiovascular complications, Discharged Alive (Heart Attack with Arteries Blocked or Partially Blocked)

**DRG 14: SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TRANSIENT ISCHEMIC ATTACKS
(BRAIN DISORDERS INCLUDING ANEURISM, STROKE)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
St. Joseph's Hospital, Dickinson	24	6.2	\$8,440	6
Trinity Hospital, Minot	63	6.1	6,307	2
St. Alexius Medical Center, Bismarck	68	6.1	6,299	15
UniMed Medical Center, Minot	47	5.8	5,953	9
MeritCare Hospital, Fargo	104	6.3	5,526	20
Heartland Medical Center, Fargo	34	4.7	5,317	2
Medcenter One, Bismarck	61	5.4	5,094	4
The United Hospital, Grand Forks	88	5.3	5,002	8
Mercy Hospital, Devils Lake	35	6.3	4,672	1
Mercy Hospital, Williston	17	5.5	4,617	0
Dakota Hospital, Fargo	51	4.8	4,559	9

(Average Charge: \$5,556 - Average Stay: 5.5 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Towner County Memorial Hospital, Cando	8	5.6	\$7,010	2
St. Andrew's Health Center, Bottineau	9	9.1	6,308	0
Ashley Medical Center, Ashley	6	7.8	5,277	0
Heart of America Medical Center, Rugby	22	5.5	5,081	0
St. Ansgar's Health Center, Park River	11	7.5	5,074	0
Carrington Health Center, Carrington	19	4.1	5,046	0
West River Regional Medical Center, Hettinger	37	6.8	4,868	1
Cavalier County Memorial Hospital, Langdon	6	7.5	4,729	0
Jamestown Hospital, Jamestown	39	6.6	4,549	0
Mandan Medcenter One, Mandan	6	6.0	4,398	0
Oakes Community Hospital, Oakes	11	5.4	3,934	0
Wishek Community Hospital, Wishek	7	4.7	3,726	0
Presentation Medical Center, Rolla	6	4.3	3,520	0
Tioga Medical Center, Tioga	8	4.0	3,514	0
Community Memorial Hospital, Turtle Lake	6	5.8	3,505	0
Mercy Hospital, Valley City	20	4.5	3,394	1
Christian Unity Hospital, Grafton	7	3.6	3,369	0
Pembina County Memorial Hospital, Cavalier	18	5.0	3,350	1
Linton Hospital, Linton	6	4.0	3,194	0
St. Aloisius Medical Center, Harvey	13	4.8	3,172	0
Sakakawea Medical Center, Hazen	8	3.1	3,046	0
Union Hospital, Mayville	10	4.9	2,927	0
Griggs County Hospital, Cooperstown	6	3.3	2,851	0
Northwood Deaconess Health Center, Northwood	6	3.8	2,546	0

(Average Charge: \$4,254 - Average Stay: 5.5 days)

Statewide	912	5.7	\$5,099	81
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**DRG 79: RESPIRATORY INFECTIONS & INFLAMMATIONS,
AGE GREATER THAN 17 WITH COMPLICATING CONDITIONS**

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Large Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Trinity Hospital, Minot	14	6.9	\$7,477	3
St. Alexius Medical Center, Bismarck	28	6.7	7,134	17
MeritCare Hospital, Fargo	20	8.0	6,968	4
UniMed Medical Center, Minot	18	6.2	6,650	4
Mercy Hospital, Devils Lake	19	8.2	6,283	2
St. Joseph's Hospital, Dickinson	9	6.0	6,259	2
Dakota Hospital, Fargo	25	7.0	6,255	2
Mercy Hospital, Williston	15	6.1	6,080	1
Heartland Medical Center, Fargo	8	5.0	5,883	3
Medcenter One, Bismarck	7	7.0	5,610	5
The United Hospital, Grand Forks	33	5.1	5,386	10

(Average Charge: \$6,382 - Average Stay: 6.6 days)

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Mercy Hospital, Valley City	16	7.2	\$7,019	2
Heart of America Medical Center, Rugby	5	6.4	6,772	1
West River Regional Medical Center, Hettinger	14	7.0	6,719	3
St. Andrew's Health Center, Bottineau	6	8.0	6,580	0
Presentation Medical Center, Rolla	31	6.0	6,390	9
St. Ansgar's Health Center, Park River	8	6.3	6,120	0
Union Hospital, Mayville	6	6.7	6,118	0
Pembina County Memorial Hospital, Cavalier	8	5.3	5,659	1
Christian Unity Hospital, Grafton	5	5.0	5,659	1
St. Aloisius Medical Center, Harvey	27	4.9	5,462	0
Carrington Health Center, Carrington	8	3.5	5,439	1
Towner County Memorial Hospital, Cando	8	5.9	5,217	1
Garrison Memorial Hospital, Garrison	5	6.0	4,811	0
Wishek Community Hospital, Wishek	12	5.0	4,784	0
Northwood Deaconess Health Center, Northwood	8	5.5	4,522	0
Tioga Medical Center, Tioga	5	4.8	4,481	0
Jamestown Hospital, Jamestown	22	6.3	4,431	0
Oakes Community Hospital, Oakes	6	5.0	4,219	0
Linton Hospital, Linton	22	4.9	4,179	0
Sakakawea Medical Center, Hazen	8	4.3	3,759	0
Community Memorial Hospital, Turtle Lake	6	5.3	3,719	0
Community Memorial Hospital, Lisbon	9	3.8	3,486	0
St. Luke's Hospital, Crosby	10	2.9	1,985	0

(Average Charge: \$5,234 - Average Stay: 5.6 days)

Statewide	465	6.0	\$5,718	73
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**DRG 88: CHRONIC OBSTRUCTIVE PULMONARY DISEASE
(CHRONIC RESPIRATORY DISEASE)**

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Large Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
St. Alexius Medical Center, Bismarck	94	6.3	\$6,180	24
The United Hospital, Grand Forks	66	6.4	5,723	6
Heartland Medical Center, Fargo	26	4.8	5,674	1
Trinity Hospital, Minot	76	5.6	5,472	10
MeritCare Hospital, Fargo	65	6.5	5,446	5
Mercy Hospital, Devils Lake	21	5.7	5,092	1
St. Joseph's Hospital, Dickinson	35	5.6	5,080	0
UniMed Medical Center, Minot	43	4.8	4,928	3
Mercy Hospital, Williston	36	4.3	4,878	1
Dakota Hospital, Fargo	47	5.4	4,714	4
Medcenter One, Bismarck	92	5.4	4,534	9

(Average Charge: \$5,303 - Average Stay: 5.7 days)

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Northwood Deaconess Health Center, Northwood	5	7.4	\$6,545	1
St. Andrew's Health Center, Bottineau	24	6.8	5,820	0
Garrison Memorial Hospital, Garrison	14	5.8	5,800	0
Heart of America Medical Center, Rugby	16	5.6	5,719	2
Ashley Medical Center, Ashley	8	5.4	5,462	0
West River Regional Medical Center, Hettinger	38	5.9	5,341	3
Carrington Health Center, Carrington	11	4.3	5,254	0
Presentation Medical Center, Rolla	34	4.7	4,338	0
Pembina County Memorial Hospital, Cavalier	5	5.2	4,809	0
St. Luke's Tri-State Hospital, Bowman	5	5.2	4,775	0
Mercy Hospital, Valley City	27	4.7	4,624	0
St. Aloisius Medical Center, Harvey	12	3.9	4,525	0
Dickey County Memorial, Ellendale	6	4.3	4,520	0
Community Hospital in Nelson County, McVie	7	5.0	4,285	0
Sakakawea Medical Center, Hazen	15	3.5	3,684	1
Oakes Community Hospital, Oakes	16	4.6	3,547	0
Wishek Community Hospital, Wishek	14	4.1	3,395	0
Community Hospital Association, Hillsboro	6	5.0	3,281	0
Mandan Medcenter One, Mandan	7	3.7	3,236	0
Tioga Medical Center, Tioga	50	3.5	3,121	0
Union Hospital, Mayville	17	3.7	3,027	0
St. Luke's Hospital, Crosby	10	3.6	2,882	0
Community Memorial Hospital, Turtle Lake	17	3.7	2,855	0
Jamestown Hospital, Jamestown	33	4.1	2,852	0
Cavalier County Memorial Hospital, Langdon	8	4.5	2,787	0
Linton Hospital, Linton	11	3.1	2,745	0

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Community Memorial Hospital, Lisbon	7	4.6	2,504	0
Stanley Community Hospital, Stanley	6	3.0	2,485	0
(Average Charge: \$4,145 - Average Stay: 4.6 days)				
Statewide	1,044	5.2	\$4,812	72

DRG 89: SIMPLE PNEUMONIA & PLEURISY, AGE GREATER THAN 17 WITH COMPLICATING CONDITIONS

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
St. Joseph's Hospital, Dickinson	68	5.9	\$6,007	7
UniMed Medical Center, Minot	47	5.6	5,796	10
MeritCare Hospital, Fargo	123	6.9	5,728	24
St. Alexius Medical Center, Bismarck	107	5.5	5,675	17
Trinity Hospital, Minot	86	5.8	5,670	12
Mercy Hospital, Williston	62	5.5	5,565	6
The United Hospital, Grand Forks	118	6.1	5,442	14
Dakota Hospital, Fargo	84	6.0	5,315	7
Mercy Hospital, Devils Lake	106	6.4	4,927	3
Medcenter One, Bismarck	94	5.8	4,909	17
Heartland Medical Center, Fargo	41	4.1	4,372	2

(Average Charge: \$5,424 - Average Stay: 5.9 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Ashley Medical Center, Ashley	7	7.6	\$6,904	0
Community Hospital in Nelson County, McVie	23	7.3	6,816	2
St. Andrew's Health Center, Bottineau	48	6.9	5,736	2
Towner County Memorial Hospital, Cando	27	5.5	5,700	1
Dickey County Memorial, Ellendale	13	5.9	5,534	0
Heart of America Medical Center, Rugby	24	5.6	5,402	2
Carrington Health Center, Carrington	30	4.2	5,269	1
Mercy Hospital, Valley City	44	5.8	5,235	4
Oakes Community Hospital, Oakes	37	6.7	5,147	2
Garrison Memorial Hospital, Garrison	20	5.4	5,125	1
Presentation Medical Center, Rolla	31	4.8	5,113	2
Christian Unity Hospital, Grafton	18	4.7	5,047	0
St. Ansgar's Health Center, Park River	42	5.2	4,978	0
West River Regional Medical Center, Hettinger	87	6.3	4,882	6
St. Luke's Tri-State Hospital, Bowman	8	6.9	4,859	0
McKenzie County Memorial, Watford City	26	6.3	4,848	0
Pembina County Memorial Hospital, Cavalier	36	5.1	4,707	1
St. Aloisius Medical Center, Harvey	41	4.5	4,449	0
Griggs County Hospital, Cooperstown	14	5.3	4,326	0
Northwood Deaconess Health Center, Northwood	14	4.9	4,171	0
Tioga Medical Center, Tioga	41	4.0	4,110	0
Community Memorial Hospital, Turtle Lake	19	5.4	3,994	0
Wishek Community Hospital, Wishek	24	5.1	3,963	0
Linton Hospital, Linton	43	4.6	3,738	0
Kenmare Community Hospital, Kenmare	10	4.9	3,733	0
Mandan Medcenter One, Mandan	10	5.1	3,685	0

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Renville Bottineau Memorial, Mohall	5	5.8	3,644	0
Richardton Health Center, Richardton	7	6.3	3,570	0
Union Hospital, Mayville	57	4.1	3,469	0
Jamestown Hospital, Jamestown	81	5.1	3,463	0
Sakakawea Medical Center, Hazen	26	3.2	3,410	0
Stanley Community Hospital, Stanley	18	3.4	3,352	0
Cavalier County Memorial Hospital, Langdon	29	4.6	3,319	0
Community Memorial Hospital, Lisbon	36	4.5	3,125	0
Community Hospital Association, Hillsboro	31	5.4	3,016	0
St. Luke's Hospital, Crosby	28	3.4	2,774	1
Jacobson Memorial Hospital, Elgin	23	4.1	2,658	0

(Average Charge: \$4,380 - Average Stay: 5.2 days)

Statewide	2,014	5.5	\$4,865	144
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DRG 91: SIMPLE PNEUMONIA & PLEURISY, AGE 0-17

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Large Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
MeritCare Hospital, Fargo	14	4.4	\$4,231	1
Mercy Hospital, Williston	9	4.6	3,852	0
UniMed Medical Center, Minot	23	3.1	3,332	0
The United Hospital, Grand Forks	47	3.3	3,303	1
St. Joseph's Hospital, Dickinson	16	2.7	2,980	0
Mercy Hospital, Devils Lake	95	3.5	2,886	1
Trinity Hospital, Minot	39	3.3	2,820	0
Dakota Hospital, Fargo	11	2.7	2,705	0
St. Alexius Medical Center, Bismarck	45	3.6	2,693	3
Medcenter One, Bismarck	61	3.1	2,399	0

(Average Charge: \$2,926 - Average Stay: 3.3 days)

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
McKenzie County Memorial, Watford City	43	4.3	\$2,667	2
Heart of America Medical Center, Rugby	5	2.6	2,528	0
Christian Unity Hospital, Grafton	5	2.8	2,368	0
Mercy Hospital, Valley City	5	2.2	2,339	0
Carrington Health Center, Carrington	16	2.2	2,323	0
Sakakawea Medical Center, Hazen	6	2.7	2,289	0
St. Aloisius Medical Center, Harvey	5	2.6	2,195	0
Jamestown Hospital, Jamestown	19	3.0	1,932	0
St. Ansgar's Health Center, Park River	7	2.6	1,930	0
Presentation Medical Center, Rolla	61	3.0	1,831	0
Community Memorial Hospital, Turtle Lake	6	2.5	1,749	0
Oakes Community Hospital, Oakes	6	2.7	1,709	0
Union Hospital, Mayville	13	2.4	1,660	0
Community Memorial Hospital, Lisbon	5	3.0	1,610	0
Tioga Medical Center, Tioga	11	2.8	1,156	0

(Average Charge: \$2,079 - Average Stay: 3 days)

Statewide	604	3.2	\$2,588	8
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DRG 106: CORONARY BYPASS WITH CARDIAC CATHETERIZATION

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Large Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
St. Alexius Medical Center, Bismarck	114	11.4	\$41,363	7
Medcenter One, Bismarck	96	12.5	37,089	10
Trinity Hospital, Minot	64	11.4	35,075	8
MeritCare Hospital, Fargo	108	9.3	31,913	13
Dakota Hospital, Fargo	85	9.6	29,042	11
The United Hospital, Grand Forks	93	12.8	28,947	8
(Average Charge: \$34,157 - Average Stay: 11 days)				
Statewide	560	11.1	\$34,157	57

**DRG 112: PERCUTANEOUS CARDIOVASCULAR PROCEDURES
(REPLACEMENT OF HEART VALVE, BYPASS, VARICOSE VEIN STRIPPING)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
St. Alexius Medical Center, Bismarck	85	4.5	\$17,142	16
Trinity Hospital, Minot	115	3.8	13,367	17
MeritCare Hospital, Fargo	186	3.9	12,490	18
Medcenter One, Bismarck	95	4.4	12,458	20
Dakota Hospital, Fargo	160	3.4	10,079	27
The United Hospital, Grand Forks	137	3.3	9,333	33
(Average Charge: \$12,072 - Average Stay: 3.8 days)				
Statewide	778	3.8	\$12,072	131

**DRG 121: CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION
& CARDIOVASCULAR COMPLICATION, DISCHARGED ALIVE
(HEART ATTACK WITH ARTERIES BLOCKED OR PARTIALLY BLOCKED)**

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Large Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Trinity Hospital, Minot	18	7.4	\$11,908	4
St. Alexius Medical Center, Bismarck	62	7.8	11,173	17
UniMed Medical Center, Minot	26	5.3	10,623	7
The United Hospital, Grand Forks	32	6.9	8,425	13
St. Joseph's Hospital, Dickinson	26	5.8	8,271	8
Dakota Hospital, Fargo	15	5.2	7,773	6
Heartland Medical Center, Fargo	11	4.4	7,501	5
MeritCare Hospital, Fargo	47	5.7	7,378	21
Medcenter One, Bismarck	28	6.3	6,829	10
Mercy Hospital, Devils Lake	23	6.6	6,636	1
Mercy Hospital, Williston	15	5.8	6,583	3

(Average Charge: \$8,767 - Average Stay: 6.4 days)

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Towner County Memorial Hospital, Cando	8	5.9	\$8,031	4
Cavalier County Memorial Hospital, Langdon	9	9.4	7,697	0
Heart of America Medical Center, Rugby	5	7.2	7,550	1
West River Regional Medical Center, Hettinger	10	6.2	7,280	4
Pembina County Memorial Hospital, Cavalier	6	6.3	7,032	1
St. Aloisius Medical Center, Harvey	5	5.2	6,823	0
Oakes Community Hospital, Oakes	6	6.0	6,792	1
Christian Unity Hospital, Grafton	11	5.3	6,501	1
Carrington Health Center, Carrington	8	5.4	6,365	0
St. Ansgar's Health Center, Park River	6	4.5	6,205	2
Tioga Medical Center, Tioga	5	4.6	5,992	0
Wishek Community Hospital, Wishek	9	5.9	5,927	0
Presentation Medical Center, Rolla	8	4.4	5,851	1
Union Hospital, Mayville	5	6.2	5,609	0
Mercy Hospital, Valley City	10	4.6	5,543	0
Linton Hospital, Linton	6	5.5	5,024	0
Community Memorial Hospital, Lisbon	7	4.4	4,954	1
Jamestown Hospital, Jamestown	21	4.7	4,053	2
Community Memorial Hospital, Turtle Lake	5	4.8	3,971	0

(Average Charge: \$5,980 - Average Stay: 5.6 days)

Statewide	487	6.1	\$7,714	113
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**DRG 122: CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION
AND WITHOUT CARDIOVASCULAR COMPLICATION, DISCHARGED ALIVE
(HEART ATTACK WITH ARTERIES BLOCKED OR PARTIALLY BLOCKED)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
Trinity Hospital, Minot	22	5.2	\$9,243	3
UniMed Medical Center, Minot	10	3.1	7,700	3
St. Alexius Medical Center, Bismarck	28	4.5	7,488	9
MeritCare Hospital, Fargo	85	4.6	7,292	5
Medcenter One, Bismarck	19	5.9	7,266	6
Dakota Hospital, Fargo	34	4.5	7,196	6
St. Joseph's Hospital, Dickinson	25	5.2	7,165	4
The United Hospital, Grand Forks	30	4.9	7,023	14
Mercy Hospital, Williston	14	5.4	5,714	0
Mercy Hospital, Devils Lake	14	4.4	5,311	0
Heartland Medical Center, Fargo	17	3.6	4,947	0

(Average Charge: \$7,117 - Average Stay: 4.7 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
West River Regional Medical Center, Hettinger	17	3.8	6,070	
Oakes Community Hospital, Oakes	8	6.5	6,030	0
Heart of America Medical Center, Rugby	9	5.3	5,585	0
Christian Unity Hospital, Grafton	7	5.0	5,556	
Carrington Health Center, Carrington	9	3.1	4,274	0
Jacobson Memorial Hospital, Elgin	5	5.2	4,017	0
Jamestown Hospital, Jamestown	35	4.3	4,008	0
St. Luke's Hospital, Crosby	9	3.7	3,782	0
Presentation Medical Center, Rolla	6	2.5	3,715	0
Wishek Community Hospital, Wishek	8	3.3	3,348	0
St. Andrew's Health Center, Bottineau	5	1.8	2,816	0

(Average Charge: \$4,677 - Average Stay: 4.2 days)

Statewide	465	4.5	\$6,241	51
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DRG 127: HEART FAILURE & SHOCK

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total</u>	<u>Average</u>	<u>Average</u>	
<u>Large Hospitals</u>	<u>Cases</u>	<u>Length</u>	<u>Charge</u>	<u>Case</u>
		<u>of Stay</u>	<u>Per Case</u>	<u>Count</u>
		<u>In Days</u>		
UniMed Medical Center, Minot	86	6.3	\$6,109	9
St. Alexius Medical Center, Bismarck	155	5.5	5,910	26
Trinity Hospital, Minot	123	5.9	5,608	7
St. Joseph's Hospital, Dickinson	81	5.0	5,324	7
Medcenter One, Bismarck	137	6.5	5,254	10
Dakota Hospital, Fargo	85	5.4	5,096	14
MeritCare Hospital, Fargo	167	5.4	4,893	22
Heartland Medical Center, Fargo	54	3.8	4,764	5
The United Hospital, Grand Forks	129	5.3	4,750	23
Mercy Hospital, Williston	48	4.9	4,629	1
Mercy Hospital, Devils Lake	105	6.1	4,609	5

(Average Charge: \$5,221 - Average Stay: 5.6 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total</u>	<u>Average</u>	<u>Average</u>	
<u>Small Hospitals</u>	<u>Cases</u>	<u>Length</u>	<u>Charge</u>	<u>Case</u>
		<u>of Stay</u>	<u>Per Case</u>	<u>Count</u>
		<u>In Days</u>		
Community Hospital in Nelson County, McVile	17	6.1	\$7,038	2
Presentation Medical Center, Rolla	21	5.4	5,642	1
Towner County Memorial Hospital, Cando	15	4.3	5,340	0
Christian Unity Hospital, Grafton	16	3.8	5,293	1
St. Andrew's Health Center, Bottineau	28	5.5	5,101	0
Heart of America Medical Center, Rugby	53	5.7	4,894	5
St. Ansgar's Health Center, Park River	10	5.3	4,719	0
Garrison Memorial Hospital, Garrison	13	4.7	4,591	1
West River Regional Medical Center, Hettinger	58	6.2	4,557	2
Carrington Health Center, Carrington	48	3.9	4,162	1
Pembina County Memorial Hospital, Cavalier	45	4.4	4,101	3
Wishek Community Hospital, Wishek	51	5.0	4,077	0
McKenzie County Memorial, Watford City	20	5.4	3,953	1
Community Hospital Association, Hillsboro	11	5.8	3,882	0
Mercy Hospital, Valley City	52	4.3	3,813	0
Mandan Medcenter One, Mandan	27	4.9	3,688	0
Ashley Medical Center, Ashley	8	5.6	3,646	0
Oakes Community Hospital, Oakes	55	4.7	3,640	1
Tioga Medical Center, Tioga	22	3.7	3,624	0
St. Aloisius Medical Center, Harvey	31	4.4	3,474	0
Kenmare Community Hospital, Kenmare	5	3.2	3,398	0
Griggs County Hospital, Cooperstown	20	4.0	3,301	0
Jamestown Hospital, Jamestown	61	4.8	3,260	1
St. Luke's Hospital, Crosby	15	3.5	3,250	0
Sakakawea Medical Center, Hazen	32	3.7	3,229	0
Northwood Deaconess Health Center, Northwood	19	3.8	3,011	0

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Linton Hospital, Linton	23	4.0	2,951	0
Union Hospital, Mayville	35	4.0	2,913	0
Cavalier County Memorial Hospital, Langdon	37	4.2	2,862	0
Community Memorial Hospital, Turtle Lake	22	4.3	2,849	0
Dickey County Memorial, Ellendale	6	3.7	2,798	0
Stanley Community Hospital, Stanley	28	3.2	2,671	0
Community Memorial Hospital, Lisbon	26	4.1	2,463	0
Jacobson Memorial Hospital, Elgin	32	3.7	2,408	0

(Average Charge: \$3,811 - Average Stay: 4.6 days)

Statewide	2,139	5.1	\$4,582	148
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**DRG 138: CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS, WITH COMPLICATING CONDITIONS
(HEARTBEAT IRREGULARITY)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
Trinity Hospital, Minot	24	4.3	\$5,095	2
St. Joseph's Hospital, Dickinson	41	3.7	4,714	4
St. Alexius Medical Center, Bismarck	49	4.1	4,572	5
MeritCare Hospital, Fargo	52	4.6	4,570	4
The United Hospital, Grand Forks	46	4.3	4,553	1
Mercy Hospital, Devils Lake	13	4.4	4,384	0
UniMed Medical Center, Minot	14	3.9	4,090	0
Mercy Hospital, Williston	7	3.1	3,630	0
Dakota Hospital, Fargo	23	3.4	3,573	0
Medcenter One, Bismarck	35	4.2	3,489	1
Heartland Medical Center, Fargo	10	2.1	3,436	0

(Average Charge: \$4,347 - Average Stay: 4.1 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Heart of America Medical Center, Rugby	7	5.3	\$4,854	0
St. Andrew's Health Center, Bottineau	7	5.0	4,507	0
Towner County Memorial Hospital, Cando	13	3.4	4,339	0
Community Hospital in Nelson County, McVie	5	3.8	4,150	0
West River Regional Medical Center, Hettinger	28	4.1	3,815	0
Oakes Community Hospital, Oakes	5	3.4	3,234	0
Linton Hospital, Linton	12	3.6	3,172	0
Jamestown Hospital, Jamestown	28	3.5	3,138	0
St. Aloisius Medical Center, Harvey	8	3.3	3,078	0
Mercy Hospital, Valley City	12	2.9	2,927	1
St. Ansgar's Health Center, Park River	6	3.2	2,869	0
Pembina County Memorial Hospital, Cavalier	8	3.8	2,865	0
Community Memorial Hospital, Lisbon	6	4.3	2,498	0
Wishek Community Hospital, Wishek	13	2.7	2,428	0
Jacobson Memorial Hospital, Elgin	7	3.0	2,249	0

(Average Charge: \$3,303 - Average Stay: 3.6 days)

Statewide	520	3.9	\$3,933	18
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DRG 140: ANGINA PECTORIS
(SEVERE CHEST PAIN CAUSED BY INSUFFICIENT BLOOD SUPPLY TO HEART)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
St. Alexius Medical Center, Bismarck	42	4.2	\$5,079	1
Trinity Hospital, Minot	21	4.5	4,747	0
Dakota Hospital, Fargo	19	4.8	4,492	1
Mercy Hospital, Williston	9	3.7	4,250	0
Mercy Hospital, Devils Lake	33	4.5	4,225	0
St. Joseph's Hospital, Dickinson	54	3.4	4,161	0
UniMed Medical Center, Minot	27	3.4	4,054	1
The United Hospital, Grand Forks	42	3.3	4,041	3
Medcenter One, Bismarck	62	3.4	3,664	2
MefitCare Hospital, Fargo	37	4.2	3,599	0
Heartland Medical Center, Fargo	13	2.2	2,967	0

(Average Charge: \$4,119 - Average Stay: 3.8 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Christian Unity Hospital, Grafton	8	4.4	\$4,717	0
Heart of America Medical Center, Rugby	14	3.6	4,290	0
Towner Community memorial, Cando	7	2.9	3,765	0
West River Regional Medical Center, Hettinger	37	3.1	3,601	0
Griggs County Hospital, Cooperstown	5	3.4	3,587	0
St. Ansgar's Health Center, Park River	15	2.9	3,417	0
Ashley Medical Center, Ashley	5	3.8	3,173	1
St. Andrew's Health Center, Bottineau	6	2.5	3,138	0
Mercy Hospital, Valley City	16	2.8	3,039	0
Pembina County Memorial Hospital, Cavalier	17	1.9	2,934	0
Tioga Medical Center, Tioga	22	2.7	2,852	0
Dickey County Memorial, Ellendale	6	2.5	2,684	0
Carrington Health Center, Carrington	18	2.3	2,629	0
St. Aloisius Medical Center, Harvey	11	2.7	2,598	0
Sakakawea Medical Center, Hazen	7	2.0	2,505	0
Jamestown Hospital, Jamestown	43	2.9	2,458	0
Oakes Community Hospital, Oakes	5	3.0	2,440	0
Linton Hospital, Linton	18	2.4	2,440	0
Wishek Community Hospital, Wishek	33	2.5	2,407	0
Stanley Community Hospital, Stanley	6	1.8	2,236	0
Cavalier County Memorial Hospital, Langdon	6	2.3	2,153	0

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Jacobson Memorial Hospital, Elgin	6	2.5	2,011	0
Union Hospital, Mayville	5	2.4	1,971	0
(Average Charge: \$2,914 - Average Stay: 2.8 days)				
Statewide	702	3.3	\$3,530	9

**DRG 148: MAJOR SMALL & LARGE BOWEL PROCEDURES, WITH COMPLICATING CONDITIONS
(COLOSTOMY, REMOVAL OF PORTIONS OF THE LARGE OR SMALL BOWEL)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
Mercy Hospital, Devils Lake	5	14.0	\$19,320	0
UniMed Medical Center, Minot	31	9.3	15,224	4
Trinity Hospital, Minot	29	11.9	14,465	8
St. Joseph's Hospital, Dickinson	14	9.3	13,413	5
St. Alexius Medical Center, Bismarck	40	9.1	13,200	18
The United Hospital, Grand Forks	73	11.4	12,946	28
Medcenter One, Bismarck	39	9.7	12,640	22
Heartland Medical Center, Fargo	17	8.9	12,601	5
Dakota Hospital, Fargo	36	9.9	12,295	17
Mercy Hospital, Williston	30	7.7	11,345	9
MeritCare Hospital, Fargo	81	9.4	10,990	36

(Average Charge: \$12,732 - Average Stay: 9.9 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Carrington Health Center, Carrington	5	9.0	\$16,959	1
Heart of America Medical Center, Rugby	8	8.0	14,654	3
Community Memorial Hospital, Lisbon	5	10.6	14,254	1
Mercy Hospital, Valley City	7	10.9	13,706	0
Pembina County Memorial Hospital, Cavalier	5	9.2	13,342	0
Oakes Community Hospital, Oakes	7	8.4	9,743	2
Jamestown Hospital, Jamestown	13	8.8	6,998	4

(Average Charge: \$12,034 - Average Stay: 8.9 days)

Statewide	469	9.7	\$12,622	163
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**DRG 174: GASTROINTESTINAL HEMORRHAGE, WITH COMPLICATING CONDITIONS
(BLEEDING ULCER, BLEEDING OF RECTUM OR ANUS)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
St. Joseph's Hospital, Dickinson	20	4.3	\$6,103	2
UniMed Medical Center, Minot	34	5.4	5,693	3
St. Alexius Medical Center, Bismarck	74	4.6	5,372	8
Mercy Hospital, Williston	18	4.9	5,341	2
Trinity Hospital, Minot	50	5.0	5,122	4
MeritCare Hospital, Fargo	76	5.3	4,741	11
The United Hospital, Grand Forks	69	4.2	4,692	5
Heartland Medical Center, Fargo	23	3.5	4,611	0
Medcenter One, Bismarck	62	4.4	4,584	2
Mercy Hospital, Devils Lake	19	4.4	4,477	0
Dakota Hospital, Fargo	63	4.7	4,406	4

(Average Charge: \$4,926 - Average Stay: 4.7 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Presentation Medical Center, Rolla	12	4.7	\$6,131	0
Carrington Health Center, Carrington	7	5.0	5,530	0
St. Andrew's Health Center, Bottineau	7	6.1	5,518	0
Towner County Memorial Hospital, Cando	8	3.5	4,601	1
Christian Unity Hospital, Grafton	5	4.0	4,091	0
Oakes Community Hospital, Oakes	12	4.7	3,991	0
Mercy Hospital, Valley City	15	3.9	3,887	0
West River Regional Medical Center, Hettinger	20	4.7	3,765	0
Mandan Medcenter One, Mandan	6	4.5	3,711	0
Union Hospital, Mayville	8	2.8	3,699	0
Pembina County Memorial Hospital, Cavalier	14	3.4	3,653	0
Heart of America Medical Center, Rugby	11	4.2	3,587	0
Linton Hospital, Linton	14	4.0	3,366	0
St. Ansgar's Health Center, Park River	9	3.8	3,274	0
Jamestown Hospital, Jamestown	36	4.6	3,230	0
Wishek Community Hospital, Wishek	17	3.6	3,219	0
St. Aloisius Medical Center, Harvey	6	3.2	3,178	0
Northwood Deaconess Health Center, Northwood	5	3.4	2,878	0
Cavalier County Memorial Hospital, Langdon	8	3.4	2,878	0

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Sakakawea Medical Center, Hazen	5	2.4	2,827	0
Stanley Community Hospital, Stanley	5	2.8	2,524	0
(Average Charge: \$3,725 - Average Stay: 4.1 days)				
Statewide	765	4.5	\$4,522	42

**DRG 182: ESOPHAGITIS, GASTROENTERITIS, MISCELLANEOUS DIGESTIVE DISORDERS,
AGE GREATER THAN 17 WITH COMPLICATING CONDITIONS
(DYSENTERY, FOOD POISONING)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
UniMed Medical Center, Minot	57	4.7	\$4,676	1
St. Alexius Medical Center, Bismarck	84	4.7	4,620	1
Dakota Hospital, Fargo	40	5.1	4,617	1
St. Joseph's Hospital, Dickinson	48	3.6	4,399	1
Trinity Hospital, Minot	90	4.7	4,136	5
Mercy Hospital, Williston	41	3.9	3,895	0
MeritCare Hospital, Fargo	79	4.8	3,833	8
The United Hospital, Grand Forks	114	4.4	3,622	9
Heartland Medical Center, Fargo	16	2.9	3,172	0
Mercy Hospital, Devils Lake	37	3.8	3,084	0
Medcenter One, Bismarck	72	3.9	3,041	4

(Average Charge: \$3,955 - Average Stay: 4.4 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
St. Andrew's Health Center, Bottineau	5	8.0	\$4,970	0
Christian Unity Hospital, Grafton	11	4.6	4,638	0
Community Hospital in Nelson County, McVie	13	5.0	4,085	1
McKenzie County Memorial, Watford City	7	5.6	4,019	0
St. Ansgar's Health Center, Park River	7	4.7	3,923	1
Heart of America Medical Center, Rugby	14	4.6	3,854	0
Oakes Community Hospital, Oakes	19	5.3	3,602	1
West River Regional Medical Center, Hettinger	39	4.3	3,233	1
Carrington Health Center, Carrington	29	3.1	3,135	0
Towner County Memorial Hospital, Cando	14	3.0	3,071	0
Sakakawea Medical Center, Hazen	9	2.9	3,038	0
Presentation Medical Center, Rolla	17	3.4	2,980	2
Mandan Medcenter One, Mandan	7	4.1	2,971	0
Mercy Hospital, Valley City	13	3.0	2,928	0
Pembina County Memorial Hospital, Cavalier	15	3.9	2,872	0
Cavalier County Memorial Hospital, Langdon	14	3.7	2,672	0
Jamestown Hospital, Jamestown	53	4.4	2,642	0
Garrison Memorial Hospital, Garrison	10	4.0	2,615	0
Union Hospital, mayville	10	3.3	2,603	0
St. Aloisius Medical Center, Harvey	10	2.8	2,514	0
Community Memorial Hospital, Lisbon	11	4.3	2,457	0
Community Memorial Hospital, Turtle Lake	8	3.4	2,375	0
Tioga Medical Center, Tioga	44	3.0	2,189	0
St. Luke's Hospital, Crosby	8	2.8	1,972	0

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Linton Hospital, Linton	19	2.3	1,962	0
Wishek Community Hospital, Wishek	16	2.6	1,926	0
Jacobson Memorial Hospital, Elgin	9	2.9	1,802	0
Stanley Community Hospital, Stanley	10	2.7	1,786	0

(Average Charge: \$2,840 - Average Stay: 3.8 days)

Statewide	1,141	4.1	\$3,503	36
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**DRG 183: ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS,
AGE GREATER THAN 17, WITHOUT COMPLICATING CONDITIONS
(DYSENTERY, FOOD POISONING)**

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Large Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
UniMed Medical Center, Minot	16	3.1	\$3,899	0
St. Joseph's Hospital, Dickinson	27	3.0	3,756	1
Trinity Hospital, Minot	50	3.1	3,369	1
Mercy Hospital, Williston	9	2.9	3,070	0
Dakota Hospital, Fargo	27	3.1	3,013	1
St. Alexius Medical Center, Bismarck	31	2.7	2,950	2
MeritCare Hospital, Fargo	29	3.0	2,820	2
The United Hospital, Grand Forks	43	2.9	2,788	2
Mercy Hospital, Devils Lake	17	3.3	2,748	0
Medcenter One, Bismarck	36	3.0	2,682	1
Heartland Medical Center, Fargo	9	2.4	2,583	0

(Average Charge: \$3,064 - Average Stay: 3.0 days)

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Ashley Medical Center, Ashley	7	4.1	\$3,355	0
West River Regional Medical Center, Hettinger	30	3.1	2,740	0
Carrington Health Center, Carrington	7	2.0	2,595	0
Griggs County Hospital, Cooperstown	5	3.8	2,573	0
Presentation Medical Center, Rolla	5	2.8	2,539	0
Pembina County Memorial Hospital, Cavalier	18	2.9	2,426	0
Heart of America Medical Center, Rugby	9	3.6	2,328	0
St. Andrew's Health Center, Bottineau	10	3.3	2,279	0
Christian Unity Hospital, Grafton	6	2.3	2,249	0
Jacobson Memorial Hospital, Elgin	6	3.7	2,240	0
Jamestown Hospital, Jamestown	15	3.3	2,203	1
St. Ansgar's Health Center, Park River	6	2.8	2,183	0
Wishek Community Hospital, Wishek	10	2.8	2,079	0
Cavalier County Memorial Hospital, Langdon	15	2.7	2,017	0
Union Hospital, Mayville	7	2.7	1,816	0
Sakakawea Medical Center, Hazen	6	2.0	1,742	0
Oakes Community Hospital, Oakes	19	2.6	1,625	0
Tioga Medical Center, Tioga	11	1.8	1,429	0
Stanley Community Hospital, Stanley	5	1.6	1,378	0

(Average Charge: \$2,261 - Average Stay: 2.9 days)

Statewide	521	2.9	\$2,714	11
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**DRG 209: MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES OF LOWER EXTREMITY
(PROSTHETIC JOINT, EXCLUDING TOTAL HIP REPLACEMENT)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
Heartland Medical Center, Fargo	205	7.4	\$17,419	6
St. Joseph's Hospital, Dickinson	25	7.7	15,910	4
Medcenter One, Bismarck	157	7.0	15,326	2
St. Alexius Medical Center, Bismarck	202	6.7	13,695	9
The United Hospital, Grand Forks	334	6.0	13,248	10
Trinity Hospital, Minot	141	7.9	13,244	11
UniMed Medical Center, Minot	105	6.8	12,874	2
Mercy Hospital, Williston	77	7.1	12,372	8
Dakota Hospital, Fargo	226	6.1	11,841	22
MeritCare Hospital, Fargo	250	6.5	11,800	22

(Average Charge: \$13,568 - Average Stay: 6.7 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Jamestown Hospital, Jamestown	14	7.5	6,697	3

(Average Charge: \$8,538 - Average Stay: 8.0 days)

Statewide	1,746	6.7	\$13,499	99
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DRG 243: MEDICAL BACK PROBLEMS
(NONSURGICAL TREATMENT OF BACK PAIN, EXCLUDING LUMBAGO, SPRAINS)

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Large Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
UniMed Medical Center, Minot	39	4.6	\$4,173	0
Dakota Hospital, Fargo	19	5.3	4,134	1
Trinity Hospital, Minot	47	5.3	4,102	1
Medcenter One, Bismarck	18	5.8	3,936	0
St. Joseph's Hospital, Dickinson	12	4.8	3,914	0
MeritCare Hospital, Fargo	52	5.2	3,836	5
The United Hospital, Grand Forks	67	4.9	3,669	2
Mercy Hospital, Williston	19	5.0	3,512	0
Mercy Hospital, Devils Lake	16	6.1	3,486	0
St. Alexius Medical Center, Bismarck	52	4.3	3,300	1
Heartland Medical Center, Fargo	14	3.9	3,104	0

(Average Charge: \$3,760 - Average Stay: 5.0 days)

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
St. Andrew's Health Center, Bottineau	11	6.9	\$4,000	0
Presentation Medical Center, Rolla	21	5.5	3,530	0
West River Regional Medical Center, Hettinger	14	5.3	3,247	1
Mercy Hospital, Valley City	13	4.8	3,165	0
Carrington Health Center, Carrington	15	3.4	3,085	0
Pembina County Memorial Hospital, Cavalier	12	4.6	2,921	1
Mandan Medcenter One, Mandan	7	3.4	2,685	0
Heart of America Medical Center, Rugby	11	4.7	2,676	0
Community Memorial Hospital, Turtle Lake	6	3.8	2,546	0
Jamestown Hospital, Jamestown	39	4.5	2,319	0
St. Aloisius' Medical Center, Harvey	7	3.7	2,206	0
Cavalier County Memorial Hospital, Langdon	7	3.6	2,170	0
Christian Unity Hospital, Grafton	6	3.5	2,080	0
Union Hospital, Mayville	16	3.7	1,899	0
Wishek Community Hospital, Wishek	9	3.3	1,835	0
St. Luke's Hospital, Crosby	6	3.8	1,682	0
Community Memorial Hospital, Lisbon	5	2.8	1,561	0
Jacobson Memorial Hospital, Elgin	10	3.1	1,560	0
Tioga Medical Center, Tioga	8	2.6	1,533	0

(Average Charge: \$2,579 - Average Stay: 4.3 days)

Statewide	607	4.7	\$3,270	12
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**DRG 296: NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS
WITH COMPLICATIONS FOR AGE GREATER THAN 17
(MALNUTRITION, OBESITY, CYSTIC FIBROSIS)**

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Large Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
St. Alexis Medical Center, Bismarck	58	5.4	\$4,910	5
St. Joseph's Hospital, Dickinson	47	5.0	4,802	0
Trinity Hospital, Minot	23	5.6	4,653	3
UniMed Medical Center, Minot	28	4.4	4,314	0
Heartland Medical Center, Fargo	36	4.3	4,254	0
The United Hospital, Grand Forks	58	4.9	4,233	5
Dakota Hospital, Fargo	46	4.8	4,028	6
MeritCare Hospital, Fargo	94	5.1	3,784	6
Mercy Hospital, Williston	16	4.1	3,603	0
Medcenter One, Bismarck	82	5.1	3,520	4
Mercy Hospital, Devils Lake	20	5.1	3,458	0

(Average Charge: \$4,121 - Average Stay: 5.0 days)

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
St. Andrew's Health Center, Bottineau	19	6.4	\$4,217	0
Heart of America Medical Center, Rugby	19	5.1	4,082	1
Christian Unity Hospital, Grafton	5	4.2	4,019	0
Mercy Hospital, Valley City	32	4.3	3,705	1
Stanley Community Hospital, Stanley	7	4.0	3,481	0
Carrington Health Center, Carrington	7	3.9	3,255	0
Jamestown Hospital, Jamestown	17	5.3	3,210	0
Tioga Medical Center, Tioga	15	4.0	3,102	0
Oakes Community Hospital, Oakes	6	4.5	3,054	0
Garrison Memorial Hospital, Garrison	10	4.3	3,015	0
Sakakawea Medical Center, Hazen	13	3.2	2,977	1
West River Regional Medical Center, Hettinger	35	4.5	2,918	1
Linton Hospital, Linton	6	3.8	2,760	0
St. Aloisius Medical Center, Harvey	13	3.9	2,707	1
Community Memorial Hospital, Lisbon	7	4.6	2,664	0
Community Memorial Hospital, Turtle Lake	14	3.7	2,368	0
Wishek Community Hospital, Wishek	17	3.6	2,357	0
Northwood Deaconess Health Center, Northwood	12	3.8	2,239	0
Union Hospital, Mayville	25	3.2	2,202	0

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
St. Ansgar's Health Center, Park River	8	3.4	2,143	0
Jacobson Memorial Hospital, Elgin	9	3.4	1,702	0
(Average Charge: \$3,003 - Average Stay: 4.2 days)				
Statewide	837	4.7	\$3,681	35

**DRG 359: UTERINE & ADNEXA PROCEDURE FOR NONMALIGNANCY WITHOUT COMPLICATING CONDITIONS
(TUBAL PREGNANCY)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
Mercy Hospital, Williston	23	3.3	\$6,907	0
Heartland Medical Center, Fargo	34	3.3	6,568	1
UniMed Medical Center, Minot	45	3.3	6,402	0
St. Joseph's Hospital, Dickinson	32	2.8	6,013	1
Trinity Hospital, Minot	49	3.5	5,990	1
The United Hospital, Grand Forks	90	4.0	5,458	0
Medcenter One, Bismarck	79	2.9	4,716	0
St. Alexius Medical Center, Bismarck	116	3.0	4,651	0
Dakota Hospital, Fargo	54	3.5	4,073	0
MeritCare Hospital, Fargo	88	2.8	3,577	0

(Average Charge: \$5,066 - Average Stay: 3.2 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Carrington Health Center, Carrington	8	3.1	\$8,450	1
Heart of America Medical Center, Rugby	5	2.8	5,966	0
Union Hospital, Mayville	9	3.2	5,727	0
Mercy Hospital, Valley City	5	3.2	5,698	0
West River Regional Medical Center, Hettinger	9	3.2	5,592	0
Presentation Medical Center, Rolla	5	3.2	4,845	0
Oakes Community Hospital, Oakes	10	3.2	4,817	0
Sakakawea Medical Center, Hazen	7	2.7	4,603	0
Tioga Medical Center, Tioga	8	3.4	4,241	0
Jamestown Hospital, Jamestown	44	3.2	3,020	0

(Average Charge: \$4,811 - Average Stay: 3.2 days)

Statewide	753	3.2	\$5,019	4
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DRG 371: CESAREAN SECTION WITHOUT COMPLICATING CONDITIONS

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total</u>	<u>Average</u>	<u>Average</u>	
<u>Large Hospitals</u>	<u>Cases</u>	<u>Length</u>	<u>Charge</u>	<u>Case</u>
		<u>of Stay</u>	<u>Per Case</u>	<u>Count</u>
		<u>In Days</u>		
Heartland Medical Center, Fargo	33	4.3	\$6,797	2
Trinity Hospital, Minot	75	4.1	5,756	3
St. Joseph's Hospital, Dickinson	30	3.2	5,626	0
UniMed Medical Center, Minot	34	4.0	5,450	0
Mercy Hospital, Williston	45	3.3	5,042	0
The United Hospital, Grand Forks	116	3.7	4,902	2
Medcenter One, Bismarck	50	3.7	4,773	0
Mercy Hospital, Devils Lake	34	3.8	4,214	0
MeritCare Hospital, Fargo	103	3.5	3,862	0
St. Alexius Medical Center, Bismarck	58	3.6	3,798	0
Dakota Hospital, Fargo	43	3.4	3,380	1

(Average Charge: \$4,752 - Average Stay: 3.7 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total</u>	<u>Average</u>	<u>Average</u>	
<u>Small Hospitals</u>	<u>Cases</u>	<u>Length</u>	<u>Charge</u>	<u>Case</u>
		<u>of Stay</u>	<u>Per Case</u>	<u>Count</u>
		<u>In Days</u>		
Carrington Health Center, Carrington	7	4.7	\$5,868	0
Presentation Medical Center, Rolla	10	3.7	5,618	0
Mercy Hospital, Valley City	13	4.2	5,221	0
Sakakawea Medical Center, Hazen	8	3.5	4,998	0
Heart of America Medical Center, Rugby	8	3.0	4,961	0
Pembina County Memorial Hospital, Cavalier	9	3.9	4,902	0
West River Regional Medical Center, Hettinger	5	3.2	4,526	0
Tioga Medical Center, Tioga	8	2.6	3,730	0
Oakes Community Hospital, Oakes	6	3.0	3,129	0
Jamestown Hospital, Jamestown	35	3.9	2,787	0

(Average Charge: \$4,243 - Average Stay: 3.7 days)

Statewide	753	3.7	\$4,663	8
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DRG 373: VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay in Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
UniMed Medical Center, Minot	155	2.2	2,259	0
Trinity Hospital, Minot	268	2.1	2,190	3
Heartland Medical Center, Fargo	193	2.1	2,164	0
The United Hospital, Grand Forks	505	2.2	1,960	0
St. Alexius Medical Center, Bismarck	491	2.2	1,955	4
Mercy Hospital, Devils Lake	142	2.0	1,937	0
St. Joseph's Hospital, Dickinson	161	1.8	1,915	0
Dakota Hospital, Fargo	332	2.3	1,884	2
MeritCare Hospital, Fargo	519	2.1	1,849	3
Mercy Hospital, Williston	164	2.0	1,751	0
Medcenter One, Bismarck	294	2.1	1,425	2

(Average Charge: \$1,917 - Average Stay: 2.1 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay in Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Heart of America Medical Center, Rugby	28	1.9	\$3,043	0
Carrington Health Center, Carrington	22	2.2	2,301	0
Sakakawea Medical Center, Hazen	14	1.9	2,219	0
St. Andrew's Health Center, Bottineau	20	2.2	2,004	0
Christian Unity Hospital, Grafton	32	2.2	1,958	0
Mercy Hospital, Valley City	52	2.1	1,910	0
St. Ansgar's Health Center, Park River	6	2.0	1,908	0
Griggs County Hospital, Cooperstown	5	1.6	1,828	0
Pembina County Memorial Hospital, Cavalier	16	2.4	1,824	0
Presentation Medical Center, Rolla	99	1.8	1,813	0
Towner County Memorial Hospital, Cando	14	1.9	1,784	0
West River Regional Medical Center, Hettinger	49	2.1	1,773	0
St. Aloisius Medical Center, Harvey	10	2.0	1,719	0
Jacobson Memorial Hospital, Elgin	7	2.4	1,664	0
Union Hospital, Mayville	27	2.0	1,646	0
Stanley Community Hospital, Stanley	10	2.0	1,554	0
McKenzie County Memorial, Watford City	21	2.0	1,473	0
Tioga Medical Center, Tioga	7	2.3	1,446	0
Cavalier County Memorial Hospital, Langdon	12	2.3	1,406	0
St. Luke's Hospital, Crosby	8	2.0	1,350	0
Community Memorial Hospital, Lisbon	5	1.8	1,340	0
Jamestown Hospital, Jamestown	175	2.2	1,331	0

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Oakes Community Hospital, Oakes	15	1.9	1,310	0
Linton Hospital, Linton	22	2.0	1,100	0
(Average Charge: \$1,693 - Average Stay: 2.1 days)				
Statewide	3,911	2.1	\$1,877	14

**DRG 389: FULL-TERM NEONATE WITH MAJOR PROBLEMS
(NEWBORN, FIRST 28 DAYS, WITH MAJOR MEDICAL PROBLEMS)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
MeritCare Hospital, Fargo	43	4.7	\$4,480	9
Dakota Hospital, Fargo	11	3.6	4,312	2
Trinity Hospital, Minot	37	4.8	4,274	5
St. Alexius Medical Center, Bismarck	175	3.7	3,584	17
Medcenter One, Bismarck	79	3.3	2,898	6
Heartland Medical Center, Fargo	25	2.8	2,829	4
The United Hospital, Grand Forks	56	3.7	2,819	3
UniMed Medical Center, Minot	20	3.3	2,131	0
Mercy Hospital, Williston	11	3.5	1,756	0
St. Joseph's Hospital, Dickinson	10	2.5	1,738	0
Mercy Hospital, Devils Lake	8	2.9	1,611	0

(Average Charge: \$3,316 - Average Stay: 3.7 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Jamestown Hospital, Jamestown	11	4.0	\$1,551	0
Presentation Medical Center, Rolla	15	2.0	1,167	0

(Average Charge: \$1,356 - Average Stay: 2.9 days)

Statewide	532	3.6	\$3,106	46
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DRG 390: NEONATE WITH OTHER SIGNIFICANT PROBLEMS
(NEWBORN, FIRST 28 DAYS, WITH OTHER SIGNIFICANT PROBLEMS)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
MeritCare Hospital, Fargo	52	2.6	\$1,463	0
St. Joseph's Hospital, Dickinson	20	2.4	1,362	0
The United Hospital, Grand Forks	65	2.6	1,355	0
Trinity Hospital, Minot	35	2.8	1,295	0
Medcenter One, Bismarck	61	2.4	1,204	0
Mercy Hospital, Devils Lake	40	2.8	1,190	0
UniMed Medical Center, Minot	52	2.5	1,140	0
Dakota Hospital, Fargo	35	2.5	1,125	0
Heartland Medical Center, Fargo	41	2.2	988	0
Mercy Hospital, Williston	10	2.3	966	0
St. Alexius Medical Center, Bismarck	194	2.1	890	0

(Average Charge: \$1,123 - Average Stay: 2.4 days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Presentation Medical Center, Rolla	24	2.3	\$1,237	0
West River Regional Medical Center, Hettinger	5	2.2	1,214	0
Sakakawea Medical Center, Hazen	23	2.3	979	0
Jamestown Hospital, Jamestown	20	2.7	956	0
Christian Unity Hospital, Grafton	6	2.2	933	0
Mercy Hospital, Valley City	14	2.3	906	0
Tioga Medical Center, Tioga	5	2.6	754	0

(Average Charge: \$1,054 - Average Stay: 2.4 days)

Statewide	719	2.4	\$1,112	0
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**DRG 391: NORMAL NEWBORN
(WELL BABY CARE)**

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Large Hospitals</u>				
Mercy Hospital, Devils Lake	163	2.5	\$1,023	0
UniMed Medical Center, Minot	122	2.3	947	0
Trinity Hospital, Minot	350	2.3	842	0
Mercy Hospital, Williston	198	1.9	824	0
Medcenter One, Bismarck	213	2.0	807	0
Heartland Medical Center, Fargo	174	2.2	788	0
St. Joseph's Hospital, Dickinson	179	1.9	755	0
Dakota Hospital, Fargo	330	2.1	736	0
MeritCare Hospital, Fargo	549	2.1	716	0
St. Alexius Medical Center, Bismarck	187	2.0	686	0
The United Hospital, Grand Forks	580	2.2	681	0

(Average Charge: \$770 - Average Stay: 2.1days)

	<u>Normal Cases</u>			<u>Atypical</u>
	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
<u>Small Hospitals</u>				
Carrington Health Center, Carrington	33	2.2	\$1,092	0
St. Aloisius Medical Center, Harvey	18	2.8	1,050	0
Presentation Medical Center, Rolla	93	1.9	1,036	0
St. Ansgar's Health Center, Park River	10	2.4	997	0
Cavalier County Memorial Hospital, Langdon	20	2.9	937	0
Christian Unity Hospital, Grafton	40	2.2	890	0
Union Hospital, Mayville	24	1.9	867	0
West River Regional Medical Center, Hettinger	56	2.1	859	0
Heart of America Medical Center, Rugby	41	1.9	819	0
Pembina County Memorial Hospital, Cavalier	23	2.6	807	0
Mercy Hospital, Valley City	54	2.4	785	0
St. Andrew's Health Center, Bottineau	22	2.0	746	0
Griggs County Hospital, Cooperstown	5	1.6	712	0
Towner County Memorial Hospital, Cando	14	1.9	711	0
St. Luke's Hospital, Crosby	8	1.8	699	0
Jamestown Hospital, Jamestown	187	2.4	688	0
McKenzie County Memorial, Watford City	30	2.0	665	0
Oakes Community Hospital, Oakes	29	2.1	649	0
Linton Hospital, Linton	19	1.8	570	0
Stanley Community Hospital, Stanley	9	1.9	564	0
Ashley Medical Center, Ashley	5	2.4	537	0
Tioga Medical Center, Tioga	10	2.2	512	0

	<u>Normal Cases</u>			<u>Atypical</u>
<u>Small Hospitals</u>	<u>Total Cases</u>	<u>Average Length of Stay In Days</u>	<u>Average Charge Per Case</u>	<u>Case Count</u>
Jacobson Memorial Hospital, Elgin	7	2.1	511	0
Community Memorial Hospital, Lisbon	7	2.0	504	0

(Average Charge: \$798 - Average Stay: 2.2 days)

Statewide	3,819	2.1	\$775	0
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Appendix A

Case Mix Index for North Dakota Hospitals - 1994

	<u>Case Mix Index¹</u>
Heartview Foundation, Mandan	.63
PHS Indian Hospital, Fort Yates	.73
Jacobson Memorial Care Center, Elgin	.83
Stanley Community Hospital, Stanley	.88
Griggs County Hospital, Cooperstown	.90
PHS Indian Hospital, Belcourt	.91
Community Hospital in Nelson County, McVillage	.91
Kenmare Community Health Care Corporation, Kenmare	.92
Richardton Health Center, Inc., Richardton	.94
Union Hospital, Mayville	.94
Dickey County Memorial Hospital, Ellendale	.95
Cavalier County Memorial Hospital, Langdon	.96
Tioga Medical Center, Tioga	.97
McKenzie County Memorial Hospital, Watford City	.98
Wishek Community Hospital, Wishek	.98
Community Hospital Association, Hillsboro	.99
St. Luke's Tri-State Hospital, Bowman	1.00
Medcenter One, Mandan	1.00
West River Regional Medical Center, Hettinger	1.00
St. Andrew's Health Center, Bottineau	1.01
Sakakawea Medical Center, Hazen	1.02
Mercy Hospital, Devils Lake	1.02
Pembina County Memorial Hospital, Cavalier	1.02
Community Memorial Hospital, Turtle Lake	1.02
Garrison Memorial Hospital, Garrison	1.03
Linton Hospital, Linton	1.04
St. Luke's Hospital, Crosby	1.05
Northwood Deaconess Health Center, Northwood	1.06
Oakes Community Hospital, Oakes	1.07
Community Memorial Hospital, Lisbon	1.07
Carrington Health Center, Carrington	1.07
Heart of America Medical Center, Rugby	1.10
St. Ansgar's Health Center, Park River	1.11
Mercy Hospital, Valley City	1.12
Towner County Memorial Hospital, Cando	1.13
Jamestown Hospital, Jamestown	1.14
St. Joseph's Health Center, Dickinson	1.15
St. Aloisius Medical Center, Harvey	1.15
Presentation Medical Center, Rolla	1.16
Christian Unity Hospital, Grafton	1.18
Ashley Medical Center, Ashley	1.19
Unimed, Minot	1.27
Mercy Hospital of Williston, Williston	1.34
Heartland Medical Center, Fargo	1.39
Trinity Medical Center, Minot	1.53
United Hospital, Grand Forks	1.59
Medcenter One, Bismarck	1.61
St. Alexius Medical Center, Bismarck	1.70
Meritcare Hospital, Fargo	1.73
Dakota Hospital, Fargo	1.87

¹The case mix index is a measure of the relative complexity of patients' diagnoses and treatments at a hospital. An average claim has a score of 1.00. Source: HCFA, Fed. Reg. 45431 (Sept. 1, 1994).

Appendix B



December 19, 1995

MR DENNIS KLIPFEL, DATA MANAGER
NORTH DAKOTA DEPARTMENT OF HEALTH
600 E. BOULEVARD AVENUE
BISMARCK, ND 58505-0200

Dear Mr. Klipfel:

St. Alexius Medical Center has reviewed your "Guide to Hospital Charges by Diagnosis Related Group for 1994." We continue to support efforts to try to develop meaningful public information regarding healthcare delivery. Your rules require that each provider identified in the report be allowed 30 days to review and comment on the data. Please accept this letter as our response to the information contained in its entirety in the appendix to the report.

Under NDCC 23-01.1, the Health Care Data Committee is directed to provide information comparing the cost of hospitalization, by diagnosis, in each nonfederal, acute care hospital in North Dakota. The report continues to use gross average charge as its measurement. Since the inception of the Federal Prospective Payment System in 1984, and the State Medicaid DRG System in 1986, the healthcare provider has by regulation been assigned its cost by DRG via the DRG payment process. For each DRG category, the amount we paid is fixed by law and has no direct relationship to a gross average charge comparison. With Blue Cross instituting a DRG system in 1987, their inpatient payment is now also not directly related to gross charges. If Champus DRG's, Indian Health DRG's, HMO DRG's and/or other capitated programs are included, approximately 80% of our payment for services has no relationship to gross charge. Therefore, to continue to evidence "gross average charges" as a way of evaluating hospital services is not an accurate accounting of healthcare reimbursement. Other factors such as quality of care, intensity of service, and physician choice should be taken into consideration before health care choices are made.

Secondly, the healthcare industry continues to experiment with a way to uniformly measure intensity of service and treatment outcomes. Although states such as Pennsylvania and Colorado have attempted to measure severity, no one system has been adopted by J.C.A.H.O. or H.C.F.A. that allows hospitals to uniformly measure acuity. Your report states a key factor that the DRG's, as they

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are used in the report, do not fully account for differences in severity of illness or intensity of treatment. Differences in practice patterns, the relative severity of the cases treated, and the quality of care delivered have an effect on the charge for care rendered. Until an industry standard of measurement, like APR-DRG's, is adopted for acuity, DRG average charges continue to be a limited way to provide information to the public regarding healthcare choices.

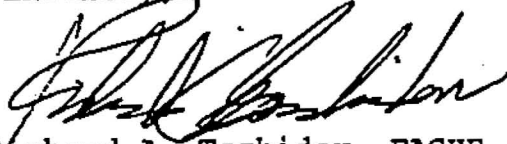
Thirdly, the report continues to be unable to capture 100% of the cases serviced by each facility in the top (25) DRG's. Also the report is unable to show what percentage to total cases within each DRG are being compared.

Fourthly, because of the structure of DRG's and their reliance on averages, caution must be used in comparing data on the "average" or "typical" patient. Most DRG's cover multiple different acuity service codes within a DRG. Therefore, if you treat a more acute code within the DRG, it is reasonable that length of stay and charges will be higher. Although the committee has attempted to remove the atypical patient from the report, the variation of coding within DRG's makes this very difficult. The attempt points out the continued problem of having no reliable or agreed upon acuity adjustment in the DRG system.

Finally, the report makes no attempt to group facilities by case mix index or level of services provided. Technology and specialization are definite factors in comparing facilities.

As in past years, St. Alexius Medical Center continues to recognize and support the need to make our publics more aware of costs. But in publishing comparisons based on the average charge by DRG, we continue to emphasize that the public has only a limited portion of the data needed to make an informed healthcare choice.

Sincerely,



Richard A. Tschider, FACHE
Administrator/CEO
St. Alexius Medical Center



720 4th Street North
Fargo, North Dakota 58122
(701) 234-6500

December 18, 1995



Dennis Klipfel
State Department of Health
600 East Boulevard Avenue
Bismarck, ND 58505-0200

Dear Mr. Klipfel:

In response to the North Dakota Department of Health 1994 Guide to Hospital Charges by diagnoses related groups dated November 21, 1995, I would like to point out several points relating to DRG 389, full term neonate with major problems, DRG 390 neonate with other significant problems, and DRG 391 normal newborn. In your document you list MeritCare Hospital in Fargo as being the highest charge per case for large hospitals for DRG 389 and 390, but failed to take into account a significant case mix difference in other hospitals.

According to my calculations, the following table represents total number of admissions per DRG category and total term newborns and the estimated percentage of term newborns that were described as "ill". It is fairly obvious that there has been a misreporting of classification of DRG diagnoses in the draft report. It would seem that St. Alexis Medical Center has a 66% illness rate in its term population and Med Center One has a 39.6% illness rate in its population of term newborns. St. Alexis ranked 4 times higher than most other hospitals in the state and would seem to indicate a significant deviation from accepted rates of illness for term newborns.

		MeritCare	St.Alexius	MedCenter 1	Trinity
DRG	389	43	175	79	37
DRG	390	52	194	61	35
(NL)DRG	391	549	187	213	350
TOTAL		644	556	353	422
% "ILL"		14.75	66.3	39.66	17.06

December 18, 1995

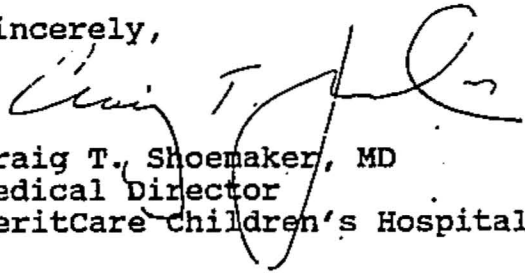
Page 2

Upon calculating the average charge per case for all term infants in hospitals with board certified or eligible neonatologists, MeritCare Hospitals charges \$1027, Trinity Hospitals \$1180, Med Center One \$1289 and St. Alexius \$1669. It is of note that hospitals without neonatologists refer their extremely ill infants to hospitals with neonatologists. This factor would slightly skew numbers towards increased cost for referral centers.

In order to accurately report the average charge per case for term infants, the charges should be reported in a different manner than is being utilized in the current report.

It is imperative that healthcare providers around the state be aware of such large discrepancies in numbers or percentages of infants described as "ill" when reported by an official agency such as the North Dakota Health Care Data Committee.

Sincerely,



Craig T. Shoemaker, MD
Medical Director
MeritCare Children's Hospital

CTS/jld

cc: Roger Gilbertson
John Doherty



December 6, 1995

State Department of Health
600 E. Boulevard Ave.
Bismarck, ND 58505-0200



ATTN: Dennis Klipfel
Data Manager
Division of Health Information Systems

RE: 1994 Guide to Hospital Charges by Diagnosis Related Group

Dear Dennis:

I have had the opportunity to review the information presented in your "1994 Guide to Hospital Charges by Diagnosis Related Group". I am concerned that the information presented is not relevant to the people of North Dakota. As those of us in the health care industry know, charges, due to the way that payment is now given to medical providers, is irrelevant. You can charge low or charge high, but the amount of money that you actually receive from third party payers is fixed. Therefore, as an example, on DRG 88 it appears that St. Alexius Medical Center charges are higher than any other large hospital in the state. Yet, St. Alexius and all other hospitals do not get paid by what they charge. Instead, they are paid according to the fixed payment that is determined by third party payers and/or the federal government. Hence, the "average charge per case" is a meaningless number. As is also noted, on DRG 88 and some of the other respiratory DRG's, there is exclusions for atypical cases. What is not included is that the "average case" is unable to be compared to an "average case" of another medical center. As I am sure you are well aware, St. Alexius Medical Center is the main referral center for individuals who have difficult cases regarding respiratory medicine. This is evidenced by the number of atypical cases that show up in the atypical case count. Yes, severity is taken into account once something is considered "atypical", however, having worked at both the St. Alexius Medical Center and MedCenter One, the types of patients that are seen are completely different. Yes, I agree that there are individuals at other medical centers that have very difficult COPD. However, my four years of experience at MedCenter One, leads me to realize that individuals with COPD there are in no way as ill as the individuals who are seen by St. Alexius Medical Center and the Heart and Lung Clinic. Therefore, as one compares the average length of stay in days, these numbers are not "apples and apples" due to the fact of the severity of individuals who are using the St. Alexius Medical Center for their respiratory health care needs.

Respiratory Care

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I realize that this information is being provided due to the fact that the North Dakota Health Care Data Committee administrative rules, NDAC 33-03-23-03, require that this report be provided, yet at this point in time, the information that you are providing to the tax payers of North Dakota, is not the information that would be most helpful to them. My suggestion is as follows: if this information is important to the North Dakota citizens, that some type of severity index be implemented so that you truly are comparing "apples and apples". Also, the "average charges per case" is a misleading number, which leads people to look at this data and state that they would choose one health care provider over the other because they are providing less charges to them. In essence, the cost to the patient is relatively fixed as most third party payers require medical center's to accept whatever payment they provide.

I realize that you, too, may understand that this information is somewhat irrelevant, however, please let us not simply continue doing something because "it's in the law" when in essence, our tax dollars can be utilized in other ways that would benefit the citizens of North Dakota in a more appropriate way.

Obviously, you are probably receiving responses from other health care institutions from across the state, and I am sure that many of them are reiterating my points also. I hope that you will work diligently to most effectively utilize the monies that the tax payers of North Dakota have entrusted you with to provide them with the maximum benefit that they deserve.

Sincerely,



Scott Reistad
Director of Respiratory Care
St. Alexius Medical Center

SR/aeb

***A GUIDE TO
HOSPITAL CHARGES BY
DIAGNOSIS RELATED GROUP***

1993



***State Department of Health
and Consolidated Laboratories***

A GUIDE TO HOSPITAL CHARGES BY DIAGNOSIS RELATED GROUP

OCTOBER 1993

**North Dakota Health Care Data Committee
and the
State Department of Health and Consolidated Laboratories
Division of Health Resource Analysis
State Capitol, Judicial Wing, Room 206
600 East Boulevard Avenue
Bismarck, ND 58505
(701) 224-2894**

NORTH DAKOTA HEALTH CARE DATA COMMITTEE

The North Dakota Health Care Data Committee is a standing committee of the State Health Council established under the North Dakota health care data law (North Dakota Century Code 23-01.1). The committee is composed of five members, a majority of whom must be health care consumers, selected by the chairperson of the State Health Council. State Health Council members are appointed by the governor.

The duty of the Health Care Data Committee is to provide public information necessary for the enhancement of price competition in the health care market. Toward that objective, the committee has developed this report with the support and assistance of the State Department of Health and Consolidated Laboratories.

Members

Lowell Herfindahl, Tioga, North Dakota
Paul H. Iverson, Fargo, North Dakota
Ronald A. Anderson, Keene, North Dakota
Marilyn McGinley, Williston, North Dakota
Darlene Rinn, Cando, North Dakota

Copies of this report are available upon request from:

Health Resource Analysis Division
State Department of Health & Consolidated Laboratories
State Capitol, Judicial Wing, Room 206
600 East Boulevard Avenue
Bismarck, ND 58505-0200
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DRG 183	ESOPHAGITIS, GASTROENTERITIS, MISCELLANEOUS DIGESTIVE DISORDERS, AGE GREATER THAN 17, WITHOUT COMPLICATING CONDITIONS (dysentery, food poisoning)	24
DRG 209	MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES (prosthetic joint, excluding total hip replacement)	25
DRG 243	MEDICAL BACK PROBLEMS (nonsurgical treatment of back pain, excluding lumbago, sprains)	26
DRG 296	NUTRITIONAL & MISCELLANEOUS METABOLIC DISORDERS WITH COMPLICATIONS FOR AGE GREATER THAN 17 (malnutrition, obesity, cystic fibrosis)	27
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INTRODUCTION

With the passage of NDCC 23-01.1 in 1987, the North Dakota legislature established the Health Care Data Committee as a standing committee of the North Dakota State Health Council. As stated in the law, the duties of the Committee are to provide the public with the information necessary for the enhancement of price competition in the health care market. More specifically, the law states that the Health Care Data Committee is to prepare an annual report comparing the cost of hospitalization, by diagnosis, in each nonfederal, acute care hospital in North Dakota. In accordance with the Health Care Data Committee's legislative mandate, this report is intended to encourage competition in the health care industry by providing individual and institutional health care purchasers with baseline information against which they can compare hospital charges.

Comparing prices is one way of evaluating competing hospital services. This report provides comparative information on what hospitals charge for similar illnesses. There are other measures of hospitals' services that should be taken into consideration; for example, quality of care and technological intensity of the services.

DRGs

The comparative price information presented here shows average charges and average length of stay by DRG. DRGs are the diagnosis related groups established by the federal government and used in paying for the hospitalization of Medicare enrollees. Very few hospitals actually bill by DRG, but these diagnosis related groups are useful measures for comparing hospital charges because they are understandable and comparable. Actual hospital charges are in most cases for detailed services that, to the lay person, have no direct relationship to the kind of illness or surgery for which they are hospitalized. DRGs are used by Medicare and Medicaid to determine, in advance of the delivery of hospital services, a payment appropriate for a given patient's condition.

In the DRGs, similar conditions that cost about the same to treat are grouped together. This guide lists the common English names of some of the conditions that are included in each DRG. Further information about how cases are grouped to form the DRGs is included in Appendix B.

How the Information was Compiled

The health care data act authorizes the Committee to require insurers, nonprofit health service corporations, health maintenance organizations, and state agencies to provide data. Under this authority the Health Care Data Committee requested diagnosis-specific health insurance claims data, using a standard minimum data set derived from the federal UB-82 claim form, from the seven largest accident and health insurance companies doing business in North Dakota for calendar year 1992. In addition, the Committee obtained copies on magnetic tape of the calendar year 1992 Medicare and Medicaid hospitalization claims experience for North Dakota. These claim files were combined into a single North Dakota hospitalization claim data set.

From this data set the records that met all the applicable data processing criteria (i.e., records that were complete, groupable to DRGs, and applied to North Dakota inpatient, nonfederal, acute care facilities) were extracted and grouped according to the Medicare diagnosis related groups. This data set contains 63,325 records, about 73% of all North Dakota acute care hospitalizations during 1992.

Next, the Medicare criteria for length of stay outliers were applied to the data to remove the records that reflected an unusually long length of stay. Further, the claims that exceeded the larger of \$12,000 or 1.5 times the average charge for the DRG were considered atypical and were excluded from the calculations. The remaining hospitalization claim records were considered to reflect typical hospitalizations for that diagnosis related group. This data was then used to calculate the average charge information provided in this report.

Table I lists the twenty-five most common DRGs reported to insurers in North Dakota in 1992. The report displays information for hospitals with five or more cases. The twenty-five most common DRGs represent forty-six percent of the 1992 hospital claims database.

The hospitals are listed in two categories. Large hospitals have one hundred or more licensed beds. Small hospitals have less than one hundred licensed beds. For each of these categories the statewide average charge per case and length of stay are listed for each DRG. Following the statewide average charge and length of stay, the hospitals are listed in descending order of their average charges for that DRG. The first column to the right of the hospital name/location is headed "Total Cases." This represents the total number of normal cases used in calculating the average length of stay and average charge per case. In those instances where the total number of normal cases for that DRG and for a hospital was less than five, the data was not reported. This information was suppressed in the report partly because of concerns about patient confidentiality and partly because the Committee felt that a meaningful average could not be calculated on

the basis of fewer than five cases. For each hospital with five or more normal cases, the average length of stay and average charge per case are reported. Charges for patients classified within the same DRG will vary from the average charge reported here depending on the intensity of care, length of stay and/or the use of special services. The DRGs, as they are used here, do not fully account for differences in severity of illness or intensity of treatment. They are intended only to represent, for comparative purposes, the average charge experience of a typical patient in that DRG.

Considerations in Using the Data

Differences in practice patterns, the relative severity of the cases treated, and differences in the quality of care delivered can all have an effect on the cost of care. This report should be examined with these considerations in mind.

- o **Average** - The data reported here are averages. Individual cases differ; charges and lengths of stay will vary from one case to another.
- o **Charges, Not Costs or Payments** - The charge data presented here are based on the amount each hospital charged the typical hospital patient before reductions for negotiated discounts, bad debt, and charity care. These charges do not show what the provision of care cost the hospital or what the hospital actually received in payment.
- o **Average Length of Stay** - This figure is based on the number of days of care received by each patient discharged during the period covered by the report. Patients admitted and discharged from the hospital in the same day are excluded from the calculation; overnight stays in the hospital were counted as one day.
- o **Hospital Charges** - The charges reported here include only hospital charges, not charges for physician services which are billed directly by the physician.
- o **Seriousness or Severity of Illness** - Severity of illness varies from one patient to another within the DRG categories. The DRGs were developed and are intended to measure only the average amount of resources used in treating an average case of that type. The severity of an individual patient's illness can affect the charges for treating any individual case. However, since atypical cases have been excluded, this variability within the averages reported here has been limited. The number of atypical cases reported for each hospital is an indication of how many cases fell into the higher cost and/or longer stay category. A high number of atypical cases may indicate

that the hospital treats a large number of very ill patients. It also indicates that a large number of patients were charged at least fifty percent more than the average reported here, or that a high number of patients experienced a longer length of stay.

Objective analytical methods for measuring the severity of an individual patient's illness upon entering the hospital are currently being developed. This report does not attempt to make any finer distinction on the basis of severity of illness within the DRGs (see Appendix B).

Hospital Comments

Appendix A of this report contains comments submitted by North Dakota hospitals regarding the data published here. A wide variety of factors, in addition to those discussed in this introduction, may affect hospital charges. In order to provide the reader with this additional information, the Health Care Data Committee invited each hospital to comment on the information to be contained in this report. The comments of those who chose to respond are contained in Appendix A.

TABLE I
THE 25 MOST COMMON DIAGNOSIS RELATED GROUPS
IN NORTH DAKOTA HOSPITALS
1992

<u>FREQUENCY RANKING</u>	<u>DRG</u>	<u>DESCRIPTION</u>
1	373	Vaginal Delivery without Complicating Diagnoses
2	391	Normal Newborn
3	127	Heart Failure and Shock
4	89	Simple Pneumonia & Pleurisy, Age Greater than 17 with Complicating Conditions
5	209	Major Joint and Limb Reattachment Procedures
6	14	Specific Cerebrovascular Disorders Except Transient Ischemic Attacks
7	182	Esophagitis, Gastroenteritis and Miscellaneous Digestive Disorders, Age Greater than 17 with Complicating Conditions
8	243	Medical Back Problems
9	140	Angina Pectoris
10	296	Nutritional & Miscellaneous Metabolic Disorders, Age Greater than 17 with Complicating Conditions
11	88	Chronic Obstructive Pulmonary Disease
12	359	Uterine/Adnexa Procedures for Nonmalignancy without Complicating Conditions
13	174	Gastro-Intestinal Hemorrhage with Complicating Conditions
14	371	Cesarean Section without Complicating Conditions
15	390	Neonate with Other Significant Problems

<u>FREQUENCY RANKING</u>	<u>DRG</u>	
16	91	Simple Pneumonia - Pleurisy, Age 0-17
17	183	Esophagitis, Gastroenteritis & Miscellaneous Digestive Disorders, Age Greater than 17 without Complicating Conditions
18	121	Circulatory Disorders with AMI & CV Complication, Discharged Alive
19	112	Percutaneous Cardiovascular Procedures
20	389	Full Term Neonate with Major Problems
21	122	Circulatory Disorders With Acute Myocardial Infarction without Cardiovascular Complication, Discharged Alive
22	96	Bronchitis & Asthma, Age Greater than 17 with Complicating Conditions
23	416	Septicemia, Age Greater than 17
24	138	Cardiac Arrhythmia and Conduction Disorders with Complicating Conditions
25	98	Bronchitis & Asthma, Age 0-17

THE FOLLOWING REPRESENT THE 25 MOST COMMON DRG SERVICES PROVIDED BY NORTH DAKOTA HOSPITALS DURING THE PERIOD OF JANUARY THROUGH DECEMBER 1992.

FOR THOSE FACILITIES NOT LISTED, THE AVAILABLE DATA CONTAINED TOO FEW CASES TO CALCULATE MEANINGFUL AVERAGES. HOWEVER, THE "STATEWIDE" INFORMATION INCLUDES DATA FOR ALL HOSPITALS.

DRG 14: SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TRANSIENT ISCHEMIC ATTACKS
(Brain Disorders Including Aneurism, Stroke)

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS</u> (\$5,294 AVG - 6.1 STAY)				
St. Joseph's Hospital - Dickinson	41	5.6	\$6,367	13
St. Joseph's Hospital - Minot	37	6.1	6,140	6
St. Alexius Medical Center - Bismarck	84	6.6	5,929	19
Meritcare Hospital - Fargo	153	6.8	5,796	25
Trinity Hospital - Minot	64	6.0	5,360	10
The United Hospital - Grand Forks	140	6.0	5,129	6
Medcenter One - Bismarck	75	6.8	4,871	21
Heartland Medical Center - Fargo	29	4.8	4,664	2
Mercy Hospital - Williston	26	4.7	4,475	.
Dakota Hospital - Fargo	62	5.0	4,359	4
Mercy Hospital - Devils Lake	36	4.9	3,699	.
<u>SMALL HOSPITALS</u> (\$4,292 AVG - 5.7 STAY)				
Dickey County Memorial Hospital - Ellendale	5	7.8	6,848	.
Towner Community Memorial Hospital- Cando	9	5.3	5,926	.
Presentation Medical Center - Rolla	12	6.1	5,745	2
St. Andrew's Hospital - Bottineau	10	7.6	5,549	.
Heart of America Medical Center - Rugby	23	5.8	4,987	.
Unity Hospital - Grafton	14	5.4	4,843	.
Jamestown Hospital - Jamestown	45	7.2	4,745	.
Tioga Medical Center - Tioga	7	5.9	4,480	.
Pembina County Memorial Hospital - Cavalier	14	5.6	4,456	.
Ashley Medical Center - Ashley	5	5.8	4,373	1
Mandan Medcenter One - Mandan	8	5.5	4,261	.
Mercy Hospital - Valley City	19	5.9	4,258	1
Northwood Deaconess Hospital - Northwood	5	5.8	4,090	.
St. Ansgar's Hospital - Park River	8	5.9	4,076	.
St. Aloisius Hospital - Harvey	17	5.2	4,047	.
Carrington Health Center - Carrington	12	3.6	4,008	.
West River Regional Medical Center - Hettinger	32	5.4	3,850	2
Linton Hospital - Linton	8	6.1	3,839	1
McKenzie County Memorial Hospital - Watford City	8	5.5	3,745	.
Turtle Lake Community Memorial Hospital - Turtle Lake	5	4.4	3,731	.
Sakakawea Medical Center - Hazen	11	4.8	3,296	.
Hillsboro Community Hospital - Hillsboro	5	4.8	3,148	.
Jacobson Memorial Hospital - Elgin	5	3.4	2,947	.
Wishek Community Hospital - Wishek	10	3.4	2,584	.
Union Hospital - Mayville	11	4.9	2,474	.
STATEWIDE	1,078	5.9	\$4,986	113

DRG 88: CHRONIC OBSTRUCTIVE PULMONARY DISEASE
(Chronic Respiratory Disease)

	<u>NORMAL CASES</u>			<u>ATYPICAL</u>
	<u>TOTAL</u> <u>CASES</u>	<u>AVERAGE</u> <u>LENGTH</u> <u>OF STAY</u> <u>(DAYS)</u>	<u>AVERAGE</u> <u>CHARGE</u> <u>PER CASE</u>	<u>CASE</u> <u>COUNT</u>
<u>LARGE HOSPITALS (\$5,189 AVG - 5.6 STAY)</u>				
Trinity Hospital - Minot	46	6.3	\$6,138	3
St. Joseph's Hospital - Minot	24	6.2	5,953	2
St. Joseph's Hospital - Dickinson	18	6.3	5,695	2
St. Alexius Medical Center - Bismarck	91	6.3	5,573	18
Mercy Hospital - Williston	26	4.4	5,254	1
Heartland Medical Center - Fargo	28	4.9	5,085	1
Dakota Hospital - Fargo	37	5.1	4,882	4
Medcenter One - Bismarck	66	5.6	4,783	7
The United Hospital - Grand Forks	41	5.3	4,744	3
Meritcare Hospital - Fargo	55	5.2	4,627	10
Mercy Hospital - Devils Lake	13	5.3	3,846	.
<u>SMALL HOSPITALS (\$3,795 AVG - 4.5 STAY)</u>				
St. Andrew's Hospital - Bottineau	9	6.1	6,339	.
Garrison Memorial Hospital - Garrison	8	5.4	5,367	1
Presentation Medical Center - Rolla	34	5.3	5,080	2
Ashley Medical Center - Ashley	5	7.2	4,774	.
Carrington Health Center - Carrington	15	4.1	4,696	.
Unity Hospital - Grafton	9	4.7	4,414	.
Heart of America Medical Center - Rugby	18	4.4	4,407	5
Mercy Hospital - Valley City	19	4.6	4,348	.
West River Regional Medical Center - Hettinger	36	5.2	4,328	3
Sakakawea Medical Center - Hazen	14	4.2	3,652	.
St. Luke's Tri-State Hospital - Bowman	8	4.1	3,585	.
Dickey County Memorial Hospital - Ellendale	6	5.0	3,524	.
Mandan Medcenter One - Mandan	11	4.6	3,450	.
Oakes Community Hospital - Oakes	7	4.7	3,310	.
St. Luke's Hospital - Crosby	7	4.0	3,119	.
Jamestown Hospital - Jamestown	23	4.7	3,028	.
Wishek Community Hospital - Wishek	16	4.5	3,006	.
Union Hospital - Mayville	21	3.7	2,985	.
Turtle Lake Community Memorial Hospital - Turtle Lake	8	3.8	2,900	.
Tioga Medical Center - Tioga	44	3.8	2,863	.
Community Memorial Hospital - Lisbon	7	4.0	2,490	.
Cavalier County Memorial Hospital - Langdon	9	3.3	2,341	.
STATEWIDE	813	5.1	\$4,558	62

DRG 89: SIMPLE PNEUMONIA & PLEURISY, AGE GREATER THAN 17 WITH COMPLICATING CONDITIONS

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$5,301 AVG - 6.3 STAY)</u>				
Trinity Hospital - Minot	83	6.4	\$5,931	6
St. Joseph's Hospital - Minot	38	6.0	5,778	8
St. Joseph's Hospital - Dickinson	52	6.1	5,770	5
St. Alexius Medical Center - Bismarck	107	6.7	5,749	14
Meritcare Hospital - Fargo	123	6.6	5,507	22
Medcenter One - Bismarck	101	7.2	5,384	11
The United Hospital - Grand Forks	78	6.1	5,161	13
Dakota Hospital - Fargo	45	5.9	4,994	6
Mercy Hospital - Williston	60	5.0	4,826	2
Heartland Medical Center - Fargo	50	4.9	4,429	3
Mercy Hospital - Devils Lake	82	6.0	4,334	1
<u>SMALL HOSPITALS (\$4,453 AVG - 5.5 STAY)</u>				
Community Hospital - McVille	11	6.6	6,467	.
St. Andrew's Hospital - Bottineau	47	6.8	6,426	3
Towner Community Memorial Hospital - Cando	18	5.7	5,969	.
Heart of America Medical Center - Rugby	23	6.6	5,938	3
Unity Hospital - Grafton	16	5.1	5,597	1
Carrington Health Center - Carrington	30	5.2	5,528	3
St. Luke's Tri-State Hospital - Bowman	17	7.0	5,522	3
Northwood Deaconess Hospital - Northwood	15	6.3	5,481	.
Mercy Hospital - Valley City	43	6.5	5,289	2
Pembina County Memorial Hospital - Cavalier	8	6.0	5,265	.
St. Ansgar's Hospital - Park River	13	5.6	5,229	1
Ashley Medical Center - Ashley	8	6.6	5,115	.
West River Regional Medical Center - Hettinger	87	6.7	4,974	9
Presentation Medical Center - Rolla	47	4.7	4,896	2
Garrison Memorial Hospital - Garrison	21	5.8	4,739	.
Dickey County Memorial Hospital - Ellendale	13	6.4	4,629	.
McKenzie County Memorial Hospital - Watford City	20	6.1	4,244	.
Oakes Community Hospital - Oakes	16	6.4	4,237	.
Turtle Lake Community Memorial Hospital - Turtle Lake	9	5.7	4,170	.
Jamestown Hospital - Jamestown	59	6.1	3,963	1
St. Aloisius Hospital - Harvey	32	4.6	3,924	.
Tioga Medical Center - Tioga	30	4.5	3,815	.
Sakakawea Medical Center - Hazen	35	4.3	3,761	1
Mandan Medcenter One - Mandan	15	4.6	3,619	.
Kenmare Community Hospital - Kenmare	7	4.7	3,608	.
Richardton Health Center - Richardton	5	6.0	3,606	.
Cavalier County Memorial Hospital - Langdon	21	5.2	3,521	.
St. Luke's Hospital - Crosby	30	4.3	3,477	.
Wishek Community Hospital - Wishek	17	4.7	3,453	1
Jacobson Memorial Hospital - Elgin	19	5.1	3,361	.
Griggs County Hospital - Cooperstown	11	4.4	3,361	.

DRG 89: SIMPLE PNEUMONIA & PLEURISY, AGE GREATER THAN 17 WITH COMPLICATING CONDITION

	<u>NORMAL CASES</u>		<u>ATYPICAL</u>	
	<u>TOTAL CASES</u>	<u>AVERAGE LENGTH OF STAY (DAYS)</u>	<u>AVERAGE CHARGE PER CASE</u>	<u>CASE COUNT</u>
<u>SMALL HOSPITALS</u>				
Linton Hospital - Linton	43	4.4	\$3,339	.
Hillsboro Community Hospital - Hillsboro	27	5.7	3,337	.
Union Hospital - Mayville	33	4.4	3,331	.
Community Memorial Hospital - Lisbon	21	3.5	2,757	.
Stanley Community Hospital - Stanley	11	4.2	2,424	.
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STATEWIDE	1,699	5.9	\$4,862	121

DRG 91: SIMPLE PNEUMONIA & PLEURISY, AGE 0-17

	<u>NORMAL CASES</u>			<u>ATYPICAL</u>
	<u>TOTAL</u> <u>CASES</u>	<u>AVERAGE</u> <u>LENGTH</u> <u>OF STAY</u> <u>(DAYS)</u>	<u>AVERAGE</u> <u>CHARGE</u> <u>PER CASE</u>	<u>CASE</u> <u>COUNT</u>
<u>LARGE HOSPITALS (\$3,316 AVG - 3.6 STAY)</u>				
Dakota Hospital - Fargo	5	4.2	\$5,696	.
St. Joseph's Hospital - Dickinson	23	3.7	4,631	.
The United Hospital - Grand Forks	33	4.0	4,380	1
Mercy Hospital - Williston	13	4.3	3,583	.
Mercy Hospital - Devils Lake	119	3.5	3,370	1
St. Alexius Medical Center - Bismarck	53	4.0	3,098	3
Trinity Hospital - Minot	41	3.2	2,907	.
Meritcare Hospital - Fargo	17	3.1	2,762	3
St. Joseph's Hospital - Minot	10	2.4	2,620	.
Medcenter One - Bismarck	54	3.3	2,533	1
<u>SMALL HOSPITALS (\$2,119 AVG - 3.2 STAY)</u>				
Carrington Health Center - Carrington	25	3.4	2,908	.
Sakakawea Medical Center - Hazen	6	3.0	2,763	.
McKenzie County Memorial Hospital - Watford City	45	4.5	2,553	2
St. Luke's Tri-State Hospital - Bowman	7	4.3	2,465	.
Heart of America Medical Center - Rugby	11	2.6	2,099	.
Presentation Medical Center - Rolla	70	3.0	2,057	.
Unity Hospital - Grafton	5	2.2	1,920	.
Jamestown Hospital - Jamestown	24	3.0	1,913	.
West River Regional Medical Center - Hettinger	23	2.9	1,818	.
Union Hospital - Mayville	11	2.4	1,735	.
Tioga Medical Center - Tioga	21	3.0	1,324	.
STATEWIDE	649	3.4	\$2,800	11

DRG 96: BRONCHITIS & ASTHMA, AGE GREATER THAN 17 WITH COMPLICATING CONDITIONS

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$4,555 AVG - 5.4 STAY)</u>				
St. Joseph's Hospital - Minot	10	6.6	\$5,734	.
Trinity Hospital - Minot	31	5.8	5,200	.
St. Joseph's Hospital - Dickinson	31	5.6	4,984	2
Meritcare Hospital - Fargo	25	5.8	4,936	.
Medcenter One - Bismarck	25	6.2	4,735	1
Dakota Hospital - Fargo	8	5.5	4,364	1
St. Alexius Medical Center - Bismarck	27	4.7	4,155	7
Heartland Medical Center - Fargo	13	4.5	4,109	.
The United Hospital - Grand Forks	17	5.2	4,043	1
Mercy Hospital - Williston	11	3.8	3,815	1
Mercy Hospital - Devils Lake	27	5.2	3,661	1
<u>SMALL HOSPITALS (\$3,458 AVG - 4.3 STAY)</u>				
Pembina County Memorial Hospital - Cavalier	8	6.6	5,193	.
Heart of America Medical Center - Rugby	18	6.1	5,167	.
Carrington Health Center - Carrington	27	4.7	4,996	.
St. Andrew's Hospital - Bottineau	22	4.9	4,185	.
Mandan Medcenter One - Mandan	5	4.4	4,032	.
Presentation Medical Center - Rolla	27	4.4	3,954	2
Unity Hospital - Grafton	5	5.2	3,948	.
Oakes Community Hospital - Oakes	12	5.3	3,867	.
West River Regional Medical Center - Hettinger	18	4.9	3,654	.
Mercy Hospital - Valley City	18	3.9	3,147	.
Tioga Medical Center - Tioga	29	3.9	2,796	.
Community Memorial Hospital - Lisbon	13	3.6	2,733	.
Union Hospital - Mayville	6	3.7	2,423	.
Cavalier County Memorial Hospital - Langdon	17	3.7	2,412	.
Jacobson Memorial Hospital - Elgin	26	3.2	2,278	.
Jamestown Hospital - Jamestown	9	3.8	2,147	.
Stanley Community Hospital - Stanley	7	3.0	2,137	.
Turtle Lake Community Memorial Hospital - Turtle Lake	14	3.3	2,032	.
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STATEWIDE	538	4.8	\$3,917	16

DRG 98: BRONCHITIS & ASTHMA, AGE 0-17

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$3,077 AVG - 3.2 STAY)</u>				
St. Joseph's Hospital - Dickinson	43	3.3	\$4,088	1
The United Hospital - Grand Forks	35	3.3	3,939	.
Dakota Hospital - Fargo	19	2.7	3,609	1
Mercy Hospital - Devils Lake	25	3.3	3,171	1
St. Alexius Medical Center - Bismarck	103	3.7	3,094	4
Mercy Hospital - Williston	7	3.6	2,948	.
Medcenter One - Bismarck	73	3.2	2,643	.
Meritcare Hospital - Fargo	29	2.9	2,546	3
St. Joseph's Hospital - Minot	11	1.9	2,505	.
Trinity Hospital - Minot	25	2.4	2,251	1
Heartland Medical Center - Fargo	13	1.6	2,078	.
<u>SMALL HOSPITALS (\$1,734 AVG - 2.5 STAY)</u>				
West River Regional Medical Center - Hettinger	9	2.8	2,301	.
Carrington Health Center - Carrington	10	2.6	2,158	.
Presentation Medical Center - Rolla	26	2.6	1,895	.
Sakakawea Medical Center - Hazen	10	2.3	1,767	.
Mercy Hospital - Valley City	10	1.9	1,625	.
Jamestown Hospital - Jamestown	5	3.0	1,547	.
Union Hospital - Mayville	5	1.8	1,379	.
Cavalier County Memorial Hospital - Langdon	6	1.3	1,031	.
Tioga Medical Center - Tioga	22	2.3	1,002	.
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STATEWIDE	519	3.0	\$2,725	11

DRG 112: PERCUTANEOUS CARDIOVASCULAR PROCEDURES
(Replacement of Heart Valve, Bypass, Varicose Vein Stripping)

	<u>NORMAL CASES</u>		<u>ATYPICAL</u>	
	<u>TOTAL</u> <u>CASES</u>	<u>AVERAGE</u> <u>LENGTH</u> <u>OF STAY</u> <u>(DAYS)</u>	<u>AVERAGE</u> <u>CHARGE</u> <u>PER CASE</u>	<u>CASE</u> <u>COUNT</u>
<u>LARGE HOSPITALS (\$12,230 AVG - 4.3 STAY)</u>				
St. Alexius Medical Center - Bismarck	49	5.8	\$16,470	7
Trinity Hospital - Minot	71	3.4	12,575	19
Mericare Hospital - Fargo	138	4.3	12,271	24
Medcenter One - Bismarck	65	4.7	11,844	9
Dakota Hospital - Fargo	138	4.1	11,406	23
The United Hospital - Grand Forks	44	3.7	9,761	15
<hr/>				
STATEWIDE	506	4.3	\$12,230	97

**DRG 121: CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION AND
CARDIOVASCULAR COMPLICATION, DISCHARGED ALIVE
(Heart Attack with Arteries Blocked or Partially Blocked)**

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS</u> (\$8,401 AVG - 6.8 STAY)				
St. Alexius Medical Center - Bismarck	54	9.1	\$11,404	16
Trinity Hospital - Minot	18	7.4	10,173	8
St. Joseph's Hospital - Minot	23	5.5	8,870	4
Medcenter One - Bismarck	34	8.3	8,580	16
The United Hospital - Grand Forks	44	6.5	7,874	21
Meritcare Hospital - Fargo	53	5.6	7,642	21
St. Joseph's Hospital - Dickinson	20	5.5	7,545	6
Dakota Hospital - Fargo	17	5.4	7,174	8
Mercy Hospital - Devils Lake	22	6.7	7,012	2
Mercy Hospital - Williston	29	5.7	6,595	.
Heartland Medical Center - Fargo	14	6.2	6,486	.
<u>SMALL HOSPITALS</u> (\$6,241 AVG - 6.3 STAY)				
Heart of America Medical Center - Rugby	5	9.6	13,548	.
St. Ansgar's Hospital - Park River	6	7.0	7,097	.
West River Regional Medical Center - Hettinger	9	7.2	6,989	1
Towner Community Memorial Hospital- Cando	5	5.2	6,871	1
Unity Hospital - Grafton	5	5.6	6,832	.
Oakes Community Hospital - Oakes	12	6.8	6,600	.
Garrison Memorial Hospital - Garrison	7	6.1	6,482	.
Jamestown Hospital - Jamestown	28	6.4	5,707	1
Linton Hospital - Linton	5	5.2	5,632	.
Pembina County Memorial Hospital - Cavalier	10	5.5	5,523	.
Wishek Community Hospital - Wishek	6	5.5	5,366	.
Mercy Hospital - Valley City	8	5.4	4,788	.
Sakakawea Medical Center - Hazen	8	4.8	4,517	.
STATEWIDE	489	6.6	\$7,689	108

**DRG 122: CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION, WITHOUT
CARDIOVASCULAR COMPLICATION, DISCHARGED ALIVE
(Heart Attack with Arteries Blocked or Partially Blocked)**

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$7,559 AVG - 5.3 STAY)</u>				
St. Alexius Medical Center - Bismarck	27	6.6	\$9,657	14
Trinity Hospital - Minot	15	4.9	8,734	6
The United Hospital - Grand Forks	58	5.5	8,322	19
Medcenter One - Bismarck	39	6.6	7,816	14
Meritcare Hospital - Fargo	97	4.7	7,427	24
St. Joseph's Hospital - Minot	15	4.7	7,356	2
Dakota Hospital - Fargo	26	4.2	6,852	12
Mercy Hospital - Williston	13	5.0	6,630	.
St. Joseph's Hospital - Dickinson	20	5.0	6,018	1
Heartland Medical Center - Fargo	7	4.6	5,676	.
Mercy Hospital - Devils Lake	17	5.8	5,315	.
<u>SMALL HOSPITALS (\$4,748 AVG - 4.4 STAY)</u>				
Ashley Medical Center - Ashley	5	9.6	7,246	.
Unity Hospital - Grafton	6	6.0	6,117	.
West River Regional Medical Center - Hettinger	13	5.5	5,569	2
Oakes Community Hospital - Oakes	7	3.3	5,239	.
Pembina County Memorial Hospital - Cavalier	8	2.4	4,808	.
Presentation Medical Center - Rolla	5	3.6	4,743	1
Carrington Health Center - Carrington	16	3.5	4,621	.
Cavalier County Memorial Hospital - Langdon	7	4.6	4,510	.
St. Luke's Hospital - Crosby	7	4.6	4,053	.
Jamestown Hospital - Jamestown	27	4.0	3,965	.
STATEWIDE	484	5.0	\$6,688	95

DRG 127: HEART FAILURE & SHOCK

	NORMAL CASES			ATYPICAL
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$4,918 AVG - 5.7 STAY)</u>				
St. Joseph's Hospital - Minot	80	6.5	\$6,228	10
St. Alexius Medical Center - Bismarck	145	6.3	5,836	37
Trinity Hospital - Minot	107	6.3	5,532	12
Meritcare Hospital - Fargo	156	6.0	4,917	18
Medcenter One - Bismarck	145	6.3	4,889	17
St. Joseph's Hospital - Dickinson	80	4.7	4,850	7
Dakota Hospital - Fargo	70	5.2	4,706	16
The United Hospital - Grand Forks	134	5.4	4,388	17
Heartland Medical Center - Fargo	53	4.2	4,066	3
Mercy Hospital - Williston	62	4.2	4,052	1
Mercy Hospital - Devils Lake	98	5.4	3,799	1
<u>SMALL HOSPITALS (\$3,709 AVG - 4.8 STAY)</u>				
Ashley Medical Center - Ashley	14	7.9	6,026	.
Pembina County Memorial Hospital - Cavalier	34	5.9	5,074	1
Towner Community Memorial Hospital - Cando	12	4.8	4,895	1
Heart of America Medical Center - Rugby	57	6.0	4,804	3
St. Luke's Tri-State Hospital - Bowman	12	6.1	4,755	.
St. Andrew's Hospital - Bottineau	23	5.3	4,618	.
Dickey County Memorial Hospital - Ellendale	20	6.0	4,552	.
Unity Hospital - Grafton	18	3.6	4,507	.
Garrison Memorial Hospital - Garrison	11	4.2	4,196	.
Presentation Medical Center - Rolla	15	4.4	4,187	1
West River Regional Medical Center - Hettinger	74	5.5	4,150	1
St. Ansgar's Hospital - Park River	19	4.7	4,117	.
Griggs County Hospital - Cooperstown	13	4.8	4,081	.
Carrington Health Center - Carrington	32	3.8	3,944	.
Mandan Medcenter One - Mandan	9	4.6	3,798	2
McKenzie County Memorial Hospital - Watford City	25	5.0	3,784	.
Oakes Community Hospital - Oakes	46	4.9	3,708	.
Kenmare Community Hospital - Kenmare	5	4.2	3,688	.
Mercy Hospital - Valley City	66	5.0	3,613	1
Community Memorial Hospital - Lisbon	16	4.5	3,542	.
Northwood Deaconess Hospital - Northwood	23	4.3	3,526	.
St. Aloisius Hospital - Harvey	32	4.9	3,395	.
Turtle Lake Community Memorial Hospital - Turtle Lake	21	4.6	3,296	.
Jamestown Hospital - Jamestown	63	4.9	3,175	2
Wishek Community Hospital - Wishek	49	4.4	3,149	.
Sakakawea Medical Center - Hazen	35	4.1	3,117	.
Cavalier County Memorial Hospital - Langdon	28	4.4	3,023	.
Linton Hospital - Linton	27	4.0	2,759	.
St. Luke's Hospital - Crosby	12	3.5	2,713	.
Union Hospital - Mayville	29	3.9	2,695	.

DRG 127: HEART FAILURE & SHOCK

	<u>NORMAL CASES</u>			<u>ATYPICAL</u>
	<u>TOTAL</u> <u>CASES</u>	<u>AVERAGE</u> <u>LENGTH</u> <u>OF STAY</u> <u>(DAYS)</u>	<u>AVERAGE</u> <u>CHARGE</u> <u>PER CASE</u>	<u>CASE</u> <u>COUNT</u>
<u>SMALL HOSPITALS</u>				
Jacobson Memorial Hospital - Elgin	29	4.2	\$2,687	.
Tioga Medical Center - Tioga	17	3.2	2,514	.
Hillsboro Community Hospital - Hillsboro	12	3.6	2,501	.
Stanley Community Hospital - Stanley	15	3.5	2,408	.
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STATEWIDE	2,053	5.3	\$4,374	152

DRG 138: CARDIAC ARRHYTHMIA & CONDUCTION DISORDER, WITH COMPLICATING CONDITIONS
(Heartbeat Irregularity)

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$4,219 AVG - 4.2 STAY)</u>				
St. Joseph's Hospital - Minot	18	4.8	\$5,326	.
St. Joseph's Hospital - Dickinson	26	4.7	5,134	1
Trinity Hospital - Minot	20	4.1	5,106	4
Dakota Hospital - Fargo	27	3.9	4,698	4
St. Alexius Medical Center - Bismarck	43	4.2	4,311	5
Mercy Hospital - Williston	12	3.9	4,009	1
Meritcare Hospital - Fargo	36	3.6	3,912	5
Medcenter One - Bismarck	45	5.3	3,880	6
Mercy Hospital - Devils Lake	10	4.9	3,710	.
Heartland Medical Center - Fargo	15	3.3	3,349	.
The United Hospital - Grand Forks	35	3.2	3,326	1
<u>SMALL HOSPITALS (\$3,225 AVG - 3.7 STAY)</u>				
St. Luke's Tri-State Hospital - Bowman	5	6.4	5,065	.
Ashley Medical Center - Ashley	8	5.3	4,184	.
Carrington Health Center - Carrington	7	3.7	4,178	.
St. Andrew's Hospital - Bottineau	11	3.9	3,739	.
Sakakawea Medical Center - Hazen	6	3.7	3,710	.
Heart of America Medical Center - Rugby	10	4.0	3,696	.
West River Regional Medical Center - Hettinger	38	4.0	3,455	.
Pembina County Memorial Hospital - Cavalier	6	4.2	3,073	.
Wishek Community Hospital - Wishek	9	4.0	3,067	.
Mercy Hospital - Valley City	13	3.5	3,065	1
Griggs County Hospital - Cooperstown	5	3.2	3,055	.
Presentation Medical Center - Rolla	5	2.8	2,932	.
Jamestown Hospital - Jamestown	34	3.4	2,855	.
Towner Community Memorial Hospital- Cando	7	2.9	2,831	.
St. Aloisius Hospital - Harvey	11	3.2	2,819	.
Oakes Community Hospital - Oakes	8	3.8	2,784	.
Jacobson Memorial Hospital - Elgin	6	3.3	2,488	.
Community Memorial Hospital - Lisbon	5	2.4	2,169	.
STATEWIDE	513	4.0	\$3,781	28

DRG 140: ANGINA PECTORIS
(Severe Chest Pain Caused by Insufficient Blood Supply to Heart)

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS</u> (\$4,682 AVG - 3.5 STAY)				
Trinity Hospital - Minot	26	3.3	\$5,891	26
St. Alexius Medical Center - Bismarck	72	4.0	5,154	30
St. Joseph's Hospital - Minot	20	3.2	5,089	.
The United Hospital - Grand Forks	79	3.1	4,931	11
Medcenter One - Bismarck	68	3.9	4,887	18
Dakota Hospital - Fargo	27	3.6	4,792	7
Meritcare Hospital - Fargo	67	3.6	4,642	43
Mercy Hospital - Devils Lake	24	4.7	4,109	.
Mercy Hospital - Williston	18	3.1	4,085	.
St. Joseph's Hospital - Dickinson	50	3.3	3,836	.
Heartland Medical Center - Fargo	22	2.5	2,827	.
<u>SMALL HOSPITALS</u> (\$2,693 AVG - 2.7 STAY)				
Heart of America Medical Center - Rugby	9	4.3	5,461	.
Presentation Medical Center - Rolla	14	3.4	3,898	.
St. Ansgar's Hospital - Park River	9	3.6	3,843	.
West River Regional Medical Center - Hettinger	24	3.6	3,672	.
Unity Hospital - Grafton	11	2.5	3,113	.
Cavalier County Memorial Hospital - Langdon	10	3.3	2,826	.
Towner Community Memorial Hospital- Cando	16	2.3	2,768	.
Mercy Hospital - Valley City	15	2.5	2,759	.
Community Memorial Hospital - Lisbon	8	2.6	2,523	.
Tioga Medical Center - Tioga	24	2.6	2,469	.
St. Luke's Tri-State Hospital - Bowman	10	2.6	2,445	.
Sakakawea Medical Center - Hazen	10	2.2	2,392	.
Ashley Medical Center - Ashley	11	2.8	2,390	.
Jamestown Hospital - Jamestown	47	3.0	2,371	.
St. Aloisius Hospital - Harvey	10	2.7	2,346	.
Dickey County Memorial Hospital - Ellendale	14	2.3	2,337	.
Carrington Health Center - Carrington	18	1.7	2,297	.
Wishek Community Hospital - Wishek	20	2.8	2,170	.
Stanley Community Hospital - Stanley	8	2.0	2,046	.
Mandan Medcenter One - Mandan	5	2.0	2,044	.
Jacobson Memorial Hospital - Elgin	13	2.5	1,990	.
Linton Hospital - Linton	11	1.6	1,770	.
STATEWIDE	820	3.2	\$3,840	135

DRG 174: GASTROINTESTINAL HEMORRHAGE, WITH COMPLICATING CONDITIONS
(Bleeding Ulcer, Bleeding of Rectum or Anus)

	NORMAL CASES			ATYPICAL
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$4,711 AVG - 4.8 STAY)</u>				
St. Joseph's Hospital - Dickinson	33	4.7	\$5,741	3
St. Alexius Medical Center - Bismarck	69	5.5	5,368	5
Mercy Hospital - Williston	29	3.9	5,147	.
St. Joseph's Hospital - Minot	46	5.1	5,110	3
Trinity Hospital - Minot	49	5.2	4,894	.
The United Hospital - Grand Forks	65	4.8	4,573	6
Meritcare Hospital - Fargo	72	4.7	4,360	4
Medcenter One - Bismarck	50	4.7	4,358	1
Mercy Hospital - Devils Lake	26	4.5	4,079	2
Dakota Hospital - Fargo	49	4.2	4,066	3
Heartland Medical Center - Fargo	17	3.5	3,567	1
<u>SMALL HOSPITALS (\$3,622 AVG - 4.4 STAY)</u>				
Towner Community Memorial Hospital- Cando	5	5.6	5,214	.
Heart of America Medical Center - Rugby	10	5.1	5,040	2
Carrington Health Center - Carrington	6	3.8	4,878	.
Mercy Hospital - Valley City	13	4.8	4,161	1
St. Ansgar's Hospital - Park River	7	5.3	4,111	1
Northwood Deaconess Hospital - Northwood	8	5.0	4,082	.
Sakakawea Medical Center - Hazen	6	4.2	3,995	.
Pembina County Memorial Hospital - Cavalier	13	4.7	3,989	.
St. Andrew's Hospital - Bottineau	15	4.7	3,960	.
West River Regional Medical Center - Hettinger	13	4.9	3,734	1
Unity Hospital - Grafton	8	3.4	3,674	.
Presentation Medical Center - Rolla	6	2.8	3,429	.
Wishek Community Hospital - Wishek	11	4.1	3,304	.
St. Aloisius Hospital - Harvey	7	3.1	3,077	2
Union Hospital - Mayville	14	3.8	3,069	.
Jamestown Hospital - Jamestown	31	4.5	3,041	.
Cavalier County Memorial Hospital - Langdon	7	4.1	3,040	.
Linton Hospital - Linton	6	3.7	2,517	.
Stanley Community Hospital - Stanley	8	2.4	2,126	.
Jacobson Memorial Hospital - Elgin	6	3.3	1,948	.
STATEWIDE	732	4.6	\$4,373	36

**DRG 182: ESOPHAGITIS, GASTROENTERITIS, MISCELLANEOUS DIGESTIVE DISORDERS, AGE
GREATER THAN 17 WITH COMPLICATING CONDITIONS
(Dysentery, Food Poisoning)**

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS</u> (\$3,712 AVG - 4.3 STAY)				
St. Joseph's Hospital - Dickinson	62	4.2	\$4,273	1
Trinity Hospital - Minot	89	4.6	4,071	3
St. Joseph's Hospital - Minot	47	4.0	3,974	.
Heartland Medical Center - Fargo	24	4.0	3,952	.
Mercy Hospital - Williston	25	4.0	3,927	1
St. Alexius Medical Center - Bismarck	95	4.3	3,888	6
Dakota Hospital - Fargo	32	4.8	3,816	.
Meritcare Hospital - Fargo	80	4.4	3,480	6
Medcenter One - Bismarck	59	4.2	3,331	2
The United Hospital - Grand Forks	94	4.3	3,320	2
Mercy Hospital - Devils Lake	47	4.5	3,030	2
<u>SMALL HOSPITALS</u> (\$2,681 AVG - 3.8 STAY)				
St. Ansgar's Hospital - Park River	6	7.0	4,238	.
Ashley Medical Center - Ashley	6	4.7	3,841	.
Mandan Medcenter One - Mandan	10	5.3	3,602	.
Mercy Hospital - Valley City	12	4.1	3,317	2
Pembina County Memorial Hospital - Cavalier	18	5.2	3,237	.
Towner Community Memorial Hospital- Cando	11	3.2	3,210	.
Heart of America Medical Center - Rugby	20	4.5	3,132	1
Oakes Community Hospital - Oakes	10	5.0	3,022	1
West River Regional Medical Center - Hettinger	51	4.3	3,018	.
Dickey County Memorial Hospital - Ellendale	5	3.8	2,930	.
St. Aloisius Hospital - Harvey	7	3.3	2,856	.
Turtle Lake Comm Memorial - Turtle Lake	8	4.0	2,834	.
Jamestown Hospital - Jamestown	52	4.0	2,816	2
Presentation Medical Center - Rolla	14	3.6	2,790	.
Carrington Health Center - Carrington	22	2.9	2,563	.
McKenzie County Memorial Hospital - Watford City	5	3.8	2,469	.
Wishek Community Hospital - Wishek	8	3.9	2,413	.
Northwood Deaconess Hospital - Northwood	9	3.6	2,348	.
St. Andrew's Hospital - Bottineau	8	3.1	2,315	.
St. Luke's Tri-State Hospital - Bowman	7	3.0	2,307	.
Jacobson Memorial Hospital - Elgin	14	3.7	2,280	.
Sakakawea Medical Center - Hazen	12	2.9	2,208	.
Linton Hospital - Linton	9	2.8	2,189	.
Tioga Medical Center - Tioga	31	2.9	2,003	.
St. Luke's Hospital - Crosby	7	2.9	1,999	.
Cavalier County Memorial Hospital - Langdon	20	2.7	1,990	1
Union Hospital - Mayville	18	3.1	1,956	.
Community Memorial Hospital - Lisbon	6	2.7	1,857	.
Stanley Community Hospital - Stanley	10	2.7	1,687	.
STATEWIDE	1,093	4.1	\$3,298	31

**DRG 183: ESOPHAGITIS, GASTROENTERITIS AND MISCELLANEOUS DIGESTIVE DISORDERS, AGE
GREATER THAN 17, WITHOUT COMPLICATING CONDITIONS
(Dysentery, Food Poisoning)**

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$3,244 AVG - 3.3 STAY)</u>				
St. Joseph's Hospital - Dickinson	23	3.6	\$3,957	.
Heartland Medical Center - Fargo	11	3.5	3,871	1
Trinity Hospital - Minot	38	3.5	3,792	1
St. Joseph's Hospital - Minot	36	3.4	3,698	1
Meritcare Hospital - Fargo	34	3.6	3,284	3
The United Hospital - Grand Forks	44	3.1	3,214	.
St. Alexius Medical Center - Bismarck	39	3.0	3,102	1
Dakota Hospital - Fargo	19	3.5	3,011	.
Mercy Hospital - Williston	15	2.1	2,835	.
Medcenter One - Bismarck	45	3.3	2,566	2
Mercy Hospital - Devils Lake	19	3.0	2,517	.
<u>SMALL HOSPITALS (\$2,071 AVG - 2.9 STAY)</u>				
Ashley Medical Center - Ashley	13	4.5	3,137	.
Mercy Hospital - Valley City	10	3.7	2,783	.
Carrington Health Center - Carrington	18	2.4	2,538	.
Presentation Medical Center - Rolla	10	3.3	2,482	.
Oakes Community Hospital - Oakes	15	3.1	2,260	.
Pembina County Memorial Hospital - Cavalier	7	2.6	2,235	.
Jamestown Hospital - Jamestown	22	2.8	2,165	2
Griggs County Hospital - Cooperstown	6	3.2	2,027	.
Cavalier County Memorial Hospital - Langdon	16	2.8	2,010	.
Heart of America Medical Center - Rugby	13	3.0	2,009	.
West River Regional Medical Center - Hettinger	47	3.0	1,926	2
Tioga Medical Center - Tioga	15	2.7	1,870	.
Sakakawea Medical Center - Hazen	8	2.8	1,779	.
Mandan Medcenter One - Mandan	7	2.6	1,744	.
Jacobson Memorial Hospital - Elgin	11	3.2	1,655	.
McKenzie County Memorial Hospital - Watford City	5	2.4	1,622	.
Union Hospital - Mayville	19	1.7	1,410	.
STATEWIDE	611	3.1	\$2,691	16

**DRG 209: MAJOR JOINT AND LIMB REATTACHMENT PROCEDURES
(Prosthetic Joint, Excluding Total Hip Replacement)**

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS</u> (\$13,052 AVG - 7.1 STAY)				
Heartland Medical Center - Fargo	172	7.6	\$15,716	2
St. Joseph's Hospital - Dickinson	33	8.5	15,582	2
Medcenter One - Bismarck	85	8.0	14,257	10
St. Alexius Medical Center - Bismarck	197	7.6	13,570	7
Trinity Hospital - Minot	130	7.7	13,047	8
St. Joseph's Hospital - Minot	105	7.8	12,959	7
The United Hospital - Grand Forks	298	6.1	12,459	15
Meritcare Hospital - Fargo	266	6.9	12,400	16
Mercy Hospital - Williston	71	7.7	12,337	4
Dakota Hospital - Fargo	338	6.9	12,061	15
<u>SMALL HOSPITALS</u> (\$10,361 AVG - 10 STAY)				
Oakes Community Hospital - Oakes	7	10.4	11,384	.
Jamestown Hospital - Jamestown	13	9.9	8,830	.
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STATEWIDE	1,720	7.2	\$13,013	88

DRG 243: MEDICAL BACK PROBLEMS
(Nonsurgical Treatment of Back Pain, Excluding Lumbago, Sprains)

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS</u> (\$4,047 AVG - 4.5 STAY)				
The United Hospital - Grand Forks	98	4.8	\$4,627	2
St. Alexius Medical Center - Bismarck	113	5.0	4,606	3
Meritcare Hospital - Fargo	129	4.7	4,409	4
Dakota Hospital - Fargo	53	5.3	4,349	3
Trinity Hospital - Minot	44	5.2	3,922	.
St. Joseph's Hospital - Dickinson	24	4.3	3,707	1
Medcenter One - Bismarck	126	3.7	3,556	3
Heartland Medical Center - Fargo	19	4.0	3,489	1
St. Joseph's Hospital - Minot	40	3.7	3,056	1
Mercy Hospital - Devils Lake	23	5.2	2,735	.
Mercy Hospital - Williston	14	2.8	2,145	.
<u>SMALL HOSPITALS</u> (\$2,511 AVG - 4.4 STAY)				
St. Andrew's Hospital - Bottineau	12	6.3	3,888	.
Sakakawea Medical Center - Hazen	5	5.2	3,531	.
Presentation Medical Center - Rolla	21	5.2	3,191	.
West River Regional Medical Center - Hettinger	38	5.3	3,090	.
Heart of America Medical Center - Rugby	19	4.8	3,019	.
Pembina County Memorial Hospital - Cavalier	11	4.5	2,812	.
Garrison Memorial Hospital - Garrison	5	4.0	2,773	.
Mercy Hospital - Valley City	36	4.5	2,712	.
St. Luke's Tri-State Hospital - Bowman	6	4.3	2,584	.
Mandan Medcenter One - Mandan	5	4.8	2,560	1
Jamestown Hospital - Jamestown	42	4.7	2,306	.
Carrington Health Center - Carrington	18	3.2	2,304	.
St. Aloisius Hospital - Harvey	17	4.1	2,259	.
Oakes Community Hospital - Oakes	5	4.8	2,131	.
Wishek Community Hospital - Wishek	7	3.9	2,129	.
Turtle Lake Comm Memorial - Turtle Lake	8	3.1	1,866	.
Jacobson Memorial Hospital - Elgin	7	3.7	1,780	.
Linton Hospital - Linton	7	3.4	1,664	.
Union Hospital - Mayville	17	2.7	1,291	.
Tioga Medical Center - Tioga	10	2.5	1,284	.
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STATEWIDE	1,009	4.5	\$3,551	19

**DRG 296: NUTRITIONAL AND MISCELLANEOUS METABOLIC DISORDERS WITH COMPLICATIONS
FOR AGE GREATER THAN 17
(Malnutrition, Obesity, Cystic Fibrosis)**

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$3,974 AVG - 5.3 STAY)</u>				
St. Joseph's Hospital - Minot	25	5.4	\$4,953	3
St. Joseph's Hospital - Dickinson	52	4.7	4,584	3
Trinity Hospital - Minot	25	6.4	4,534	4
The United Hospital - Grand Forks	60	6.1	4,170	2
Meritcare Hospital - Fargo	117	5.5	4,135	11
St. Alexius Medical Center - Bismarck	67	5.6	4,012	4
Medcenter One - Bismarck	104	5.3	3,757	7
Dakota Hospital - Fargo	46	4.9	3,756	7
Heartland Medical Center - Fargo	38	4.3	3,380	1
Mercy Hospital - Williston	10	4.0	3,282	.
Mercy Hospital - Devils Lake	36	5.2	2,821	.
<u>SMALL HOSPITALS (\$2,986 AVG - 4.4 STAY)</u>				
St. Andrew's Hospital - Bottineau	13	5.2	4,358	.
Heart of America Medical Center - Rugby	11	5.2	4,091	1
Presentation Medical Center - Rolla	7	4.0	3,926	.
St. Luke's Tri-State Hospital - Bowman	7	6.0	3,825	.
West River Regional Medical Center - Hettinger	25	5.8	3,708	.
Sakakawea Medical Center - Hazen	5	4.0	3,479	.
Unity Hospital - Grafton	12	4.0	3,443	.
Carrington Health Center - Carrington	10	4.1	3,293	.
Oakes Community Hospital - Oakes	10	5.7	3,292	.
St. Ansgar's Hospital - Park River	11	4.2	3,280	1
Turtle Lake Comm Memorial - Turtle Lake	12	4.2	3,044	.
Tioga Medical Center - Tioga	18	3.7	2,817	.
Mercy Hospital - Valley City	20	3.9	2,693	.
Jamestown Hospital - Jamestown	21	4.5	2,672	.
St. Aloisius Hospital - Harvey	12	4.4	2,649	.
Wishek Community Hospital - Wishek	23	4.4	2,499	.
Community Memorial Hospital - Lisbon	8	4.1	2,333	.
Union Hospital - Mayville	21	3.7	2,249	.
Northwood Deaconess Hospital - Northwood	6	3.3	2,088	.
Jacobson Memorial Hospital - Elgin	10	3.2	1,679	.
STATEWIDE	876	5.0	\$3,640	44

**DRG 359: UTERINE & ADNEXA PROCEDURE FOR NONMALIGNANCY
WITHOUT COMPLICATING CONDITIONS
(Tubal Pregnancy)**

	<u>NORMAL CASES</u>			<u>ATYPICAL</u>
	<u>TOTAL CASES</u>	<u>AVERAGE LENGTH OF STAY (DAYS)</u>	<u>AVERAGE CHARGE PER CASE</u>	<u>CASE COUNT</u>
<u>LARGE HOSPITALS (\$4,667 AVG - 3.4 STAY)</u>				
Mercy Hospital - Williston	20	3.4	\$6,377	.
St. Joseph's Hospital - Minot	81	3.5	6,289	1
St. Joseph's Hospital - Dickinson	29	3.2	5,985	.
Trinity Hospital - Minot	64	3.7	5,800	1
Heartland Medical Center - Fargo	32	3.2	5,237	.
The United Hospital - Grand Forks	88	4.3	5,198	.
Medcenter One - Bismarck	83	3.2	4,218	1
St. Alexius Medical Center - Bismarck	132	3.1	4,104	.
Dakota Hospital - Fargo	53	3.5	3,761	.
Mercy Hospital - Devils Lake	11	3.9	3,686	.
Meritcare Hospital - Fargo	135	3.0	3,399	.
<u>SMALL HOSPITALS (\$4,809 AVG - 3.5 STAY)</u>				
Carrington Health Center - Carrington	11	3.6	7,944	.
Union Hospital - Mayville	8	3.3	5,825	.
Mercy Hospital - Valley City	8	2.5	5,446	.
West River Regional Medical Center - Hettinger	8	3.5	5,381	.
McKenzie County Memorial Hospital - Watford City	5	4.4	5,006	.
Oakes Community Hospital - Oakes	7	4.0	3,948	.
Jamestown Hospital - Jamestown	39	3.1	2,802	.
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STATEWIDE	850	3.4	\$4,687	3

DRG 371: CESAREAN SECTION WITHOUT COMPLICATING CONDITIONS

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$4,475 AVG - 3.8 STAY)</u>				
Trinity Hospital - Minot	81	4.1	\$5,580	.
St. Joseph's Hospital - Minot	49	3.8	5,293	4
St. Joseph's Hospital - Dickinson	30	3.4	5,254	.
Heartland Medical Center - Fargo	36	3.8	5,193	.
The United Hospital - Grand Forks	93	4.1	4,821	6
Mercy Hospital - Williston	36	3.3	4,618	.
Medcenter One - Bismarck	57	3.5	4,299	.
St. Alexius Medical Center - Bismarck	36	3.8	3,810	1
Mercy Hospital - Devils Lake	30	3.9	3,686	.
Meritcare Hospital - Fargo	134	3.7	3,675	3
Dakota Hospital - Fargo	42	3.7	3,248	1
<u>SMALL HOSPITALS (\$4,066 AVG - 4.1 STAY)</u>				
St. Aloisius Hospital - Harvey	5	4.4	6,349	.
Heart of America Medical Center - Rugby	5	4.0	6,186	.
Presentation Medical Center - Rolla	11	3.8	5,930	.
Unity Hospital - Grafton	6	3.8	5,020	.
Pembina County Memorial Hospital - Cavalier	7	4.9	4,997	.
Mercy Hospital - Valley City	11	3.8	4,708	.
Carrington Health Center - Carrington	5	3.8	4,216	.
McKenzie County Memorial Hospital - Watford City	5	4.2	3,915	.
Cavalier County Memorial Hospital - Langdon	5	3.6	3,643	.
Oakes Community Hospital - Oakes	6	3.8	3,249	.
Jamestown Hospital - Jamestown	47	4.3	2,765	.
STATEWIDE	750	3.8	\$4,406	15

DRG 373: VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS (\$1,803 AVG - 2.1 STAY)</u>				
Trinity Hospital - Minot	253	2.1	\$2,174	1
St. Joseph's Hospital - Dickinson	161	2.0	2,091	.
St. Joseph's Hospital - Minot	188	2.1	2,017	1
Heartland Medical Center - Fargo	191	2.3	1,992	.
The United Hospital - Grand Forks	563	2.2	1,875	.
Meritcare Hospital - Fargo	579	2.1	1,777	3
Dakota Hospital - Fargo	257	2.3	1,740	2
St. Alexius Medical Center - Bismarck	463	2.2	1,736	1
Mercy Hospital - Williston	129	2.0	1,675	.
Mercy Hospital - Devils Lake	160	2.1	1,651	.
Medcenter One - Bismarck	377	2.1	1,393	1
<u>SMALL HOSPITALS (\$1,644 AVG - 2.2 STAY)</u>				
Heart of America Medical Center - Rugby	23	2.0	2,591	.
St. Ansgar's Hospital - Park River	9	2.3	2,550	.
Carrington Health Center - Carrington	24	2.1	2,199	.
West River Regional Medical Center - Hettinger	34	2.4	2,130	.
Jacobson Memorial Hospital - Elgin	5	2.6	1,967	.
Pembina County Memorial Hospital - Cavalier	24	2.6	1,901	.
St. Andrew's Hospital - Bottineau	13	2.2	1,900	.
Unity Hospital - Grafton	22	1.9	1,886	.
Presentation Medical Center - Rolla	88	2.0	1,873	.
Griggs County Hospital - Cooperstown	7	2.3	1,858	.
Sakakawea Medical Center - Hazen	14	1.6	1,822	.
St. Aloisius Hospital - Harvey	16	2.6	1,732	.
Tioga Medical Center - Tioga	9	2.2	1,649	.
Mercy Hospital - Valley City	49	2.1	1,642	.
Towner Community Memorial Hospital- Cando	9	1.8	1,616	.
Union Hospital - Mayville	29	2.1	1,485	.
Cavalier County Memorial Hospital - Langdon	22	2.5	1,462	.
McKenzie County Memorial Hospital - Watford City	21	2.0	1,442	.
Stanley Community Hospital - Stanley	10	1.7	1,430	.
St. Luke's Hospital - Crosby	5	1.8	1,329	.
Jamestown Hospital - Jamestown	159	2.3	1,275	1
Wishek Community Hospital - Wishek	9	1.9	1,207	.
Oakes Community Hospital - Oakes	23	2.2	1,166	.
Linton Hospital - Linton	9	2.0	905	.
STATEWIDE	3,969	2.2	\$1,777	10

DRG 389: FULL TERM NEONATE WITH MAJOR PROBLEMS
(Newborn, First 28 Days, with Major Medical Problems)

	<u>NORMAL CASES</u>		<u>ATYPICAL</u>	
	<u>TOTAL</u> <u>CASES</u>	<u>AVERAGE</u> <u>LENGTH</u> <u>OF STAY</u> <u>(DAYS)</u>	<u>AVERAGE</u> <u>CHARGE</u> <u>PER CASE</u>	<u>CASE</u> <u>COUNT</u>
<u>LARGE HOSPITALS</u> (\$3,018 AVG - 3.6 STAY)				
Meritcare Hospital - Fargo	60	4.8	\$4,619	15
Dakota Hospital - Fargo	10	3.5	4,011	1
The United Hospital - Grand Forks	34	4.7	3,752	6
St. Joseph's Hospital - Dickinson	25	4.2	3,559	.
St. Alexius Medical Center - Bismarck	194	3.5	3,091	7
Trinity Hospital - Minot	27	3.6	2,584	1
Medcenter One - Bismarck	98	3.2	2,492	1
Mercy Hospital - Williston	6	3.5	2,313	.
Heartland Medical Center - Fargo	21	3.1	2,185	.
St. Joseph's Hospital - Minot	24	2.9	1,502	.
Mercy Hospital - Devils Lake	22	2.6	1,334	.
<u>SMALL HOSPITALS</u> (\$1,326 AVG - 2.6 STAY)				
Presentation Medical Center - Rolla	16	2.6	1,549	.
<hr/>				
STATEWIDE	562	3.6	\$2,895	31

DRG 390: NEONATES WITH OTHER SIGNIFICANT PROBLEMS
(Newborn, First 28 Days, with Other Significant Problems)

	NORMAL CASES		ATYPICAL	
	TOTAL CASES	AVERAGE LENGTH OF STAY (DAYS)	AVERAGE CHARGE PER CASE	CASE COUNT
<u>LARGE HOSPITALS</u> (\$1,056 AVG - 2.4 STAY)				
Meritcare Hospital - Fargo	54	3.0	\$1,923	1
Mercy Hospital - Williston	16	2.4	1,195	.
Medcenter One - Bismarck	45	2.5	1,186	.
Trinity Hospital - Minot	51	2.8	1,179	.
Mercy Hospital - Devils Lake	34	2.6	1,128	.
The United Hospital - Grand Forks	56	2.6	1,082	.
St. Joseph's Hospital - Minot	98	2.6	986	.
St. Joseph's Hospital - Dickinson	21	2.1	915	.
Heartland Medical Center - Fargo	32	2.4	847	.
St. Alexius Medical Center - Bismarck	185	2.1	823	.
Dakota Hospital - Fargo	21	2.2	791	2
<u>SMALL HOSPITALS</u> (\$1,024 AVG - 2.6 STAY)				
Heart of America Medical Center - Rugby	7	2.9	1,327	.
Presentation Medical Center - Rolla	29	2.3	1,247	.
Jamestown Hospital - Jamestown	20	3.4	1,012	.
Mercy Hospital - Valley City	12	2.8	939	.
Sakakawea Medical Center - Hazen	14	1.7	665	.
<hr/>				
STATEWIDE	717	2.5	\$1,051	3

DRG 391: NORMAL NEWBORNS
(Well Baby Care)

	<u>NORMAL CASES</u>		<u>ATYPICAL</u>
	<u>TOTAL</u>	<u>AVERAGE</u>	
	<u>CASES</u>	<u>LENGTH</u>	<u>AVERAGE</u>
		<u>OF STAY</u>	<u>CHARGE</u>
		<u>(DAYS)</u>	<u>PER CASE</u>
			<u>CASE</u>
			<u>COUNT</u>
<u>LARGE HOSPITALS (\$758 AVG - 2.2 STAY)</u>			
Mercy Hospital - Devils Lake	179	2.5	\$930 .
St. Joseph's Hospital - Minot	139	2.3	864 .
Trinity Hospital - Minot	291	2.4	848 1
Mercy Hospital - Williston	155	2.1	827 .
Dakota Hospital - Fargo	264	2.3	787 1
Medcenter One - Bismarck	287	2.0	777 1
St. Joseph's Hospital - Dickinson	151	2.0	755 .
Meritcare Hospital - Fargo	561	2.2	743 .
The United Hospital - Grand Forks	612	2.3	680 .
St. Alexius Medical Center - Bismarck	150	2.0	652 .
Heartland Medical Center - Fargo	154	2.1	604 .
<u>SMALL HOSPITALS (\$778 AVG - 2.3 STAY)</u>			
Presentation Medical Center - Rolla	94	2.2	1,075 .
Heart of America Medical Center - Rugby	24	2.3	955 .
St. Aloisius Hospital - Harvey	17	2.5	920 .
Union Hospital - Mayville	26	2.1	885 .
Carrington Health Center - Carrington	23	2.0	881 .
West River Regional Medical Center - Hettinger	32	2.4	877 .
Unity Hospital - Grafton	27	2.1	827 .
Griggs County Hospital - Cooperstown	6	1.8	809 .
Pembina County Memorial Hospital - Cavalier	32	2.8	798 .
Towner Community Memorial Hospital - Cando	11	2.2	779 .
Cavalier County Memorial Hospital - Langdon	24	2.7	773 .
St. Ansgar's Hospital - Park River - Park River	9	2.1	770 .
McKenzie County Memorial Hospital - Watford City	23	2.4	748 .
Mercy Hospital - Valley City	57	2.4	731 .
St. Andrew's Hospital - Bottineau	18	1.9	716 .
Dickey County Memorial Hospital - Ellendale	8	2.1	684 .
Jamestown Hospital - Jamestown	180	2.4	671 .
St. Luke's Hospital - Crosby	5	1.8	624 .
Wishek Community Hospital - Wishek	8	2.3	597 .
Oakes Community Hospital - Oakes	30	2.3	581 .
Linton Hospital - Linton	11	2.0	574 .
Stanley Community Hospital - Stanley	10	1.4	449 .
Jacobson Memorial Hospital - Elgin	5	2.0	438 .
Tioga Medical Center - Tioga	10	2.4	424 .
STATEWIDE	3,642	2.2	\$762 3

DRG 416: SEPTICEMIA, AGE GREATER THAN 17
(Infection of the Blood System)

	<u>NORMAL CASES</u>			<u>ATYPICAL</u>
	<u>TOTAL CASES</u>	<u>AVERAGE LENGTH OF STAY (DAYS)</u>	<u>AVERAGE CHARGE PER CASE</u>	<u>CASE COUNT</u>
<u>LARGE HOSPITALS</u> (\$5,393 AVG - 6.1 STAY)				
Mercy Hospital - Williston	5	8.6	\$8,177	1
St. Joseph's Hospital - Minot	7	6.0	6,206	5
Trinity Hospital - Minot	26	8.0	6,175	7
Medcenter One - Bismarck	21	7.0	5,995	8
Meritcare Hospital - Fargo	50	5.9	5,664	26
St. Alexius Medical Center - Bismarck	41	6.9	5,515	3
St. Joseph's Hospital - Dickinson	14	4.9	5,411	2
The United Hospital - Grand Forks	23	5.5	5,089	9
Dakota Hospital - Fargo	38	5.1	4,681	12
Heartland Medical Center - Fargo	16	4.6	4,625	.
Mercy Hospital - Devils Lake	31	5.9	4,582	1
<u>SMALL HOSPITALS</u> (\$5,140 AVG - 6.3 STAY)				
Ashley Medical Center - Ashley	10	9.0	7,062	.
West River Regional Medical Center - Hettinger	11	8.7	6,665	1
Heart of America Medical Center - Rugby	11	6.1	5,809	1
St. Aloisius Hospital - Harvey	9	6.7	5,692	.
Mercy Hospital - Valley City	18	5.7	5,399	3
Towner Community Memorial Hospital- Cando	5	6.6	5,375	1
Carrington Health Center - Carrington	12	5.5	5,295	.
Sakakawea Medical Center - Hazen	6	4.8	4,430	.
Jamestown Hospital - Jamestown	39	6.8	4,401	1
Garrison Memorial Hospital - Garrison	7	6.7	4,330	.
Presentation Medical Center - Rolla	9	4.6	4,186	1
Unity Hospital - Grafton	7	4.0	3,911	.
Jacobson Memorial Hospital - Elgin	7	4.6	3,877	.
Turtle Lake Comm Memorial - Turtle Lake	7	4.4	3,401	.
<hr/>				
STATEWIDE	464	6.2	\$5,288	82

APPENDICES

INTRODUCTION TO APPENDICES

The following two appendices are intended to provide the reader with additional information for use in considering the average charge and average length of stay data contained in this report.

Appendix A contains the comments submitted for publication in the report by individual hospitals. The Health Care Data Committee provided a draft copy of A Guide to Hospital Charges by Diagnosis Related Group to each North Dakota facility. The hospitals were asked to comment on the material contained in the introduction to the draft report and to verify that the data contained in the draft report accurately reflected their charges for these DRGs.

Appendix B provides an explanation of the logic used to group individual cases into diagnosis related groups. The DRG methodology is intended to produce groupings that are clinically meaningful; that is, the cases within a given DRG should cost about the same amount of money to treat.

APPENDIX A

NO FORMAL COMMENTS WERE RECEIVED FROM ANY HEALTH CARE PROVIDER.

APPENDIX B

APPENDIX B

Classification of Cases into DRGs

The case classification system groups together cases that require similar amounts of hospital resources. While several different classification systems have been developed, the most commonly accepted and utilized approach is the diagnosis related group (DRG) system. This classification method, originally developed by researchers at Yale University for utilization review and internal audit purposes, assigns cases to one of 490 different groups. It has also been applied by the Medicare program and several state Medicaid programs for their hospital payment systems.

DRGs were not created only from statistical analysis. A great deal of medical judgment was also used to determine the distinctions that make medical sense. These combinations were verified statistically and physicians used statistics to augment their medical judgment. This combination of medical judgment and empirical work is unique to the DRG system and is one reason it is so widely accepted.

A form of "decision tree" logic is used to assign cases to specific DRGs. That is, a series of questions are asked about a particular patient and the sequence of answers determines the DRG to which that case is assigned. The questions focus on the aspects of a patient's condition that research has found to be related to the amount of hospital resources required to care for the patient. These include:

1. Major body system affected.
2. Whether or not surgery was performed.
3. Principal diagnosis.
4. Age of patient.
5. Any secondary conditions.
6. Discharge status.

Once a patient is discharged from a hospital, the case can be assigned to a DRG. A computer program, known as Grouper, assigns cases to individual DRGs using standard information called the UB-82 hospital discharge data set. (In 1985, North Dakota adopted the Medicare UB-82 billing form as the "Uniform Proof of Loss" form for all health insurers. That means that all insurance companies must accept the standardized UB-82 form as a claim form for hospital insurance purposes.)

The first thing the DRG Grouper program needs to know is the general nature of the problem. That is, was this patient admitted to treat a circulatory system problem, a respiratory system problem, a pregnancy, or a mental disease? There are twenty-three general problem types, called major diagnostic categories (MDCs). The MDCs generally match the medical specialties of physicians (see Table A-1). This makes the DRGs more useful as a management tool for hospitals and helps the state's utilization review program to analyze individual physician practice patterns. Physicians are, after all, responsible for resource-use decisions in hospitals.

To better understand how DRGs classify patients, consider a patient admitted for treatment of a respiratory system problem. This case would be classified as illustrated in Figure A-1. First, this case will be assigned to category MDC 04, "Diseases and Disorders of the Respiratory System."

The Yale researchers found that, in general, the most important determinant of the resources required to treat a case is whether a major operating room procedure was performed. Therefore, the first thing the program will want to know is whether such surgical procedure was done. Most major diagnostic categories are divided into medical and surgical parts in this way. (The full DRG decision tree for one MDC, prepared by Yale University, is presented in Figures A-2 and A-3. Figure A-1 is easier to follow because the questions are made explicit.)

If a major operating room procedure was not done during this admission, the specific type of respiratory problem is most useful in distinguishing whether a case will require more or less intensive treatment. A typical lung cancer admission will cost more to treat than pneumonia, so the next thing that the Grouper program asks for is the principal diagnosis for this case. The cancer case will fall under DRG 82, "Respiratory Neoplasms."

If, instead, this admission was to treat simple pneumonia, the Grouper would need more information. For pneumonia, children's cases require different resources than adult cases so the Grouper asks whether the person was less than eighteen years old. A child's admission would be classified as DRG 91. For adults, Grouper needs still more information to categorize the case. The UB-82 data set allows multiple diagnoses for a single patient such as lung cancer or pneumonia complicated by heart disease. For adults, such a complicating condition (also called a secondary diagnosis) may make that case more difficult and more expensive to treat. That is, the patient with a certain secondary diagnosis listed on the billing form is probably more severely ill. Therefore, Grouper asks whether the patient has any of a list of specific complicating conditions. If so, the case is classified as DRG 89, "Simple Pneumonia with Complicating Conditions." Uncomplicated adult pneumonia cases are classified as DRG 90.

As this example shows, the steps in classifying a particular case can vary. However, the underlying logic is always the same. The first split is always the most important. Less important distinctions occur later in the decision tree. In our example, surgery was the first and most important variable. However, for a pregnancy the most critical question is whether the admission actually resulted in a delivery. This separates admissions for false labor from the deliveries.

TABLE A-1

MAJOR DIAGNOSTIC CATEGORIES

- 01 Diseases and Disorders of the Nervous System**
- 02 Diseases and Disorders of the Eye**
- 03 Diseases and Disorders of the Ear, Nose, Mouth, and Throat**
- 04 Diseases and Disorders of the Respiratory System**
- 05 Diseases and Disorders of the Circulatory System**
- 06 Diseases and Disorders of the Digestive System**
- 07 Diseases and Disorders of the Hepatobiliary System and Pancreas**
- 08 Diseases and Disorders of the Musculoskeletal System and Connective Tissue**
- 09 Diseases and Disorders of the Skin, Subcutaneous Tissue and Breast**
- 10 Endocrine, Nutritional and Metabolic Diseases and Disorders**
- 11 Diseases and Disorders of the Kidney and Urinary Tract**
- 12 Diseases and Disorders of the Male Reproductive System**
- 13 Diseases and Disorders of the Female Reproductive System**
- 14 Pregnancy, Childbirth, and Puerperium**
- 15 Newborns and Other Neonates with Conditions Originating in the Perinatal Period**
- 16 Diseases and Disorders of the Blood & Blood-forming Organs and Immunological Disorders**
- 17 Myeloproliferative Diseases and Disorders and Poorly Differentiated Neoplasms**
- 18 Infectious and Parasitic Diseases (Systemic or Unspecified Sites)**
- 19 Mental Diseases and Disorders**
- 20 Alcohol/Drug Use & Alcohol/Drug Induced Organic Mental Disorders**
- 21 Injuries, Poisonings, and Toxic Effects of Drugs**
- 22 Burns**
- 23 Factors Influencing Health Status and Other Contacts with Health Services**
- 24 Multiple Significant Trauma**
- 25 Human Immunodeficiency Virus Infections**

FIGURE A-1
AN EXAMPLE OF DRG LOGIC

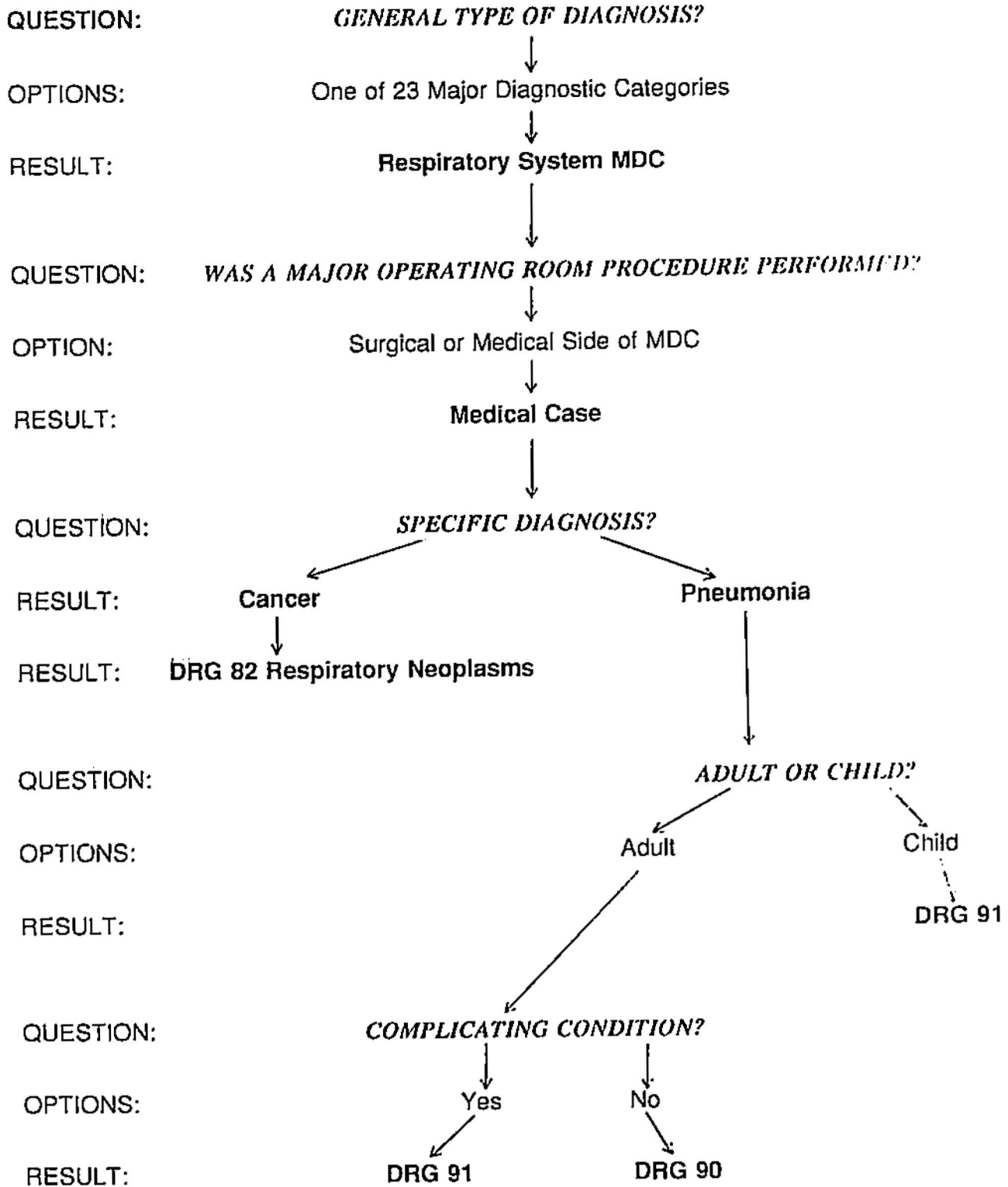


FIGURE A-2

MAJOR DIAGNOSTIC CATEGORY 04
DISEASES AND DISORDERS OF THE RESPIRATORY SYSTEM
Surgical Partitioning

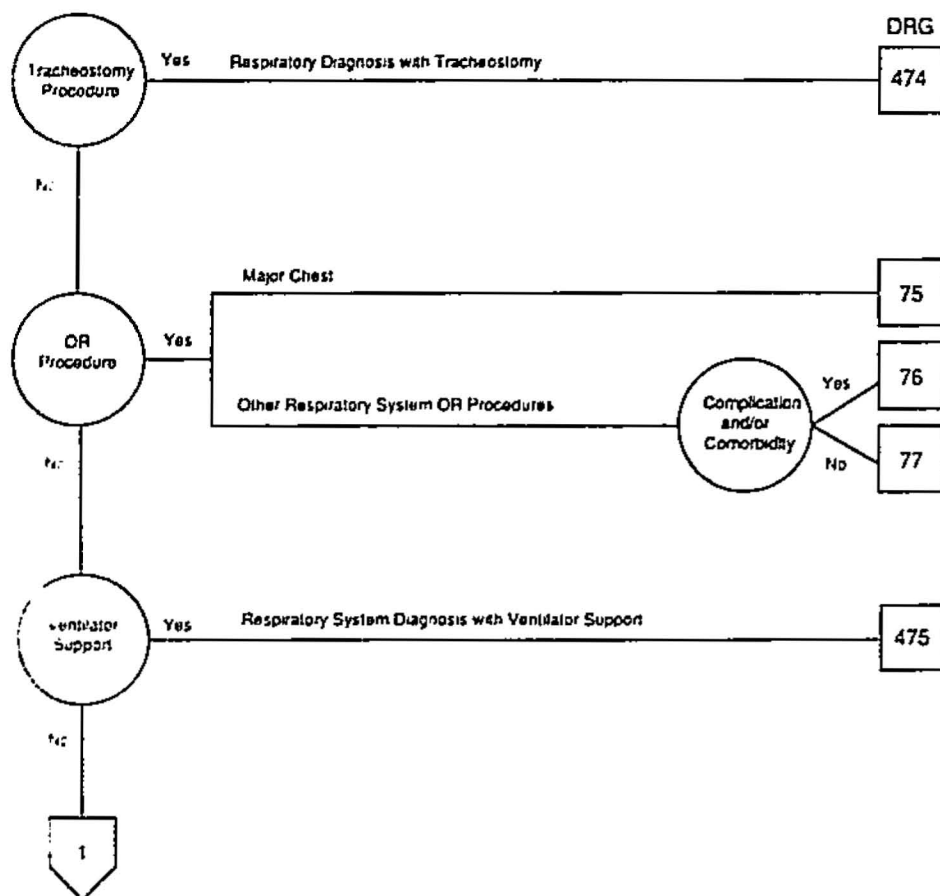


FIGURE A-3

MAJOR DIAGNOSTIC CATEGORY 04
DISEASES AND DISORDERS OF THE RESPIRATORY SYSTEM
Medical Partitioning

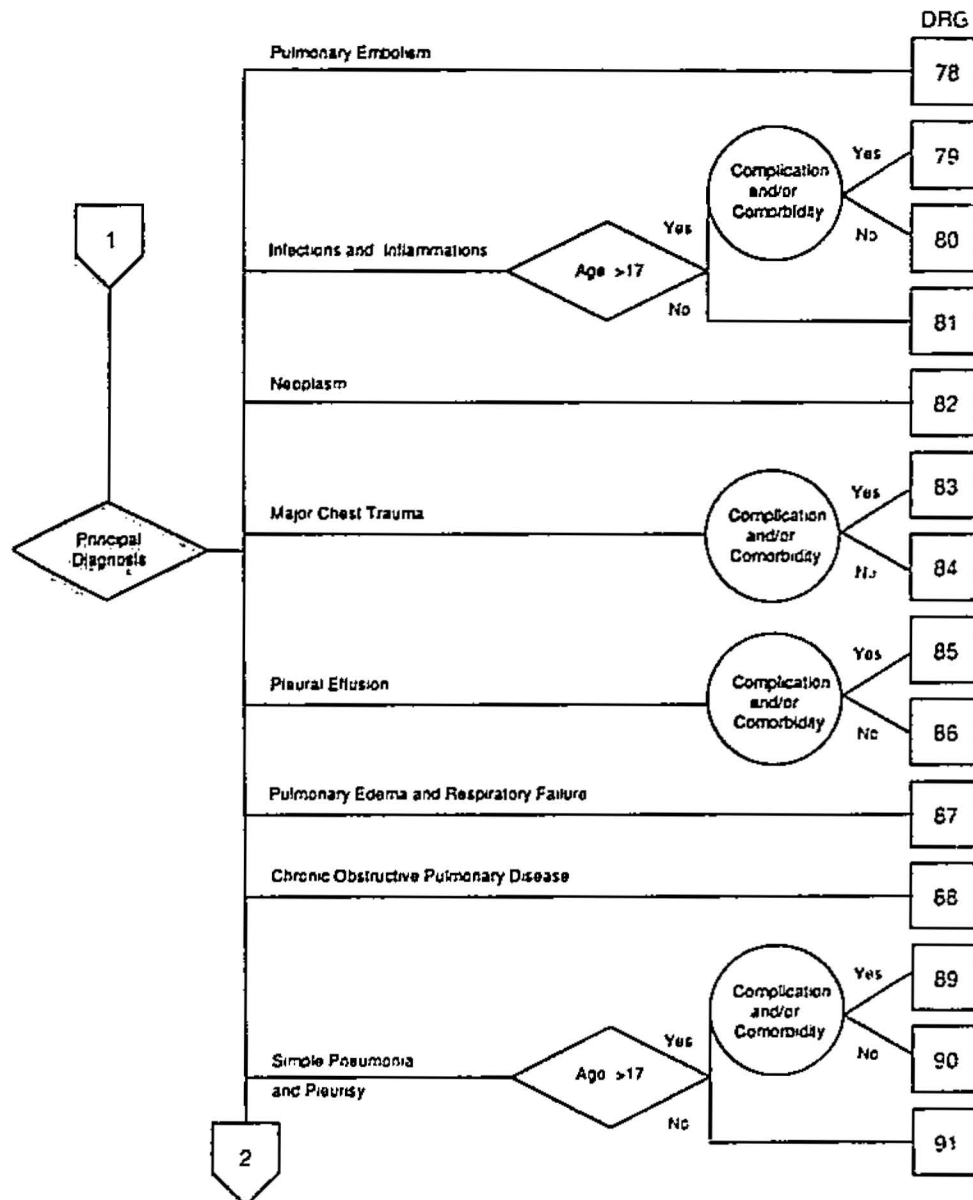


FIGURE A-3, CONTINUED

MAJOR DIAGNOSTIC CATEGORY 04 DISEASES AND DISORDERS OF THE RESPIRATORY SYSTEM Medical Partitioning

