UTAH
HOSPITAL
DISCHARGE
DATABASE

2002 PUBLIC-USE DATA FILE

USER'S MANUAL

Version II
September 2003

UTAH HEALTH DATA COMMITTEE
OFFICE OF HEALTH CARE STATISTICS
UTAH DEPARTMENT OF HEALTH

288 NORTH 1460 WEST
PO Box 144004
SALT LAKE CITY, UTAH 84114-4004
Phone: (801) 538-6700
Fax: (801) 538-9916
Web Page: www.health.utah.gov/hda

TABLE OF CONTENTS

	Page
Introduction	2
File Layout	5
Description of Data Elements	9
Provider Identifier (Hospital)	10
Patient's age	11
Patient's gender	11
Type of admission	12
Source of admission	
Non-newborns	12
Newborns	13
Length of stay	13
Patient's discharge status	13
Patient's postal zip code	14
Patient's residential county	16
Suggested division of local areas	17
Patient's cross-county migrant status	18
Patient's marital status	18
Patient's race and ethnicity	18
Principal diagnosis code	18
Secondary diagnosis codes 1 through 8	18
Principal procedure code	18
Secondary procedure codes 1 through 5	18
DRG	19
MDC	30
Total charge	30
Facility charge	30
Professional charge	31
Admitting physician specialty	31
Attending physician specialty	34
Other consulting physician specialty	34
Surgeon's specialty	34
Primary payer category	34
Secondary and Tertiary payer category	34
Patient's relationship to 1st insured	35
Outlier, facility charge	36
Outlier, length of stay	36
Patient Severity Subclass Value	36
Discharge quarter	36
Record ID number	36
E-Code	37
APR-DRG	37
All patient refined DRG	38
APR DRGs Mapping & DRG descriptions	46
Appendix A: Case Mix Index	55
Appendix B: APR-DRG Resource Intensity Index	57
Appendix C: Utah Hospital Profile	59

INTRODUCTION

Health Data Committee

The Health Data Committee, composed of 13 governor-appointed members, was created through the Utah Health Data Authority Act of 1991. The Committee is staffed by the Office of Health Care Statistics, which manages the Utah Hospital Discharge Database.

Utah Hospital Discharge Database (UHDD)

Administrative Rule R428 became effective in December 1991, and mandates that all Utah licensed hospitals, both general acute care and specialty, shall report information on inpatient discharges, beginning on January 1, 1992. UHDD contains the consolidated information on complete billing, medical codes, and personal characteristics describing a patient, the services received, and charges billed for each inpatient hospital stay. Fifty One Utah hospitals submitted data in 2002, including four psychiatric facilities, four specialty hospitals, and the Veterans Administration Medical Center. Shriners Hospital, a charity hospital, is exempt from reporting requirements. Copper Hills Youth Center has changed its licensing status starting in 2002. It is currently licensed only as a residential treatment center.

Public-Use Data Files (PDF)

UHDD Public-Use Data Files are designed to provide general health care information to a wide spectrum of users with minimal controls. A request for a PDF can be approved by the Director of the Health Care Statistics without further review.

Two different public data files are released for 2002 hospital discharge data (see page 5 for data elements and file descriptions).

Data Processing and Quality

Data submission: The Health Data Plan provides data element definitions to ensure all hospitals will report similar data. The Office of Health Care Statistics receives discharge data quarterly from hospitals in various formats and media. The data are converted into a standardized format.

System Edits: The data are validated through a process of automated editing and report verification. Each record is subjected to a series of edits that check for accuracy, consistency, completeness, and conformity with the definitions specified in the Data Submittal Manual. Records failing the edit check are returned to the data supplier for correction or comment.

Hospital Reviews: Each hospital is provided with a 35 day review period to validate the Committee's data against their hospital records. Any inconsistencies discovered by the hospitals are reevaluated or corrected.

Missing Values: When dealing with unknown values, it is important to distinguish between systematic omission by hospital (e.g., for hospitals that were granted reporting exemption for particular data elements or which had coding problems that deemed the entire data from the hospital

unusable), and non-systematic omission (e.g., coding problems, invalid codes, etc.). While systematic omission creates potential bias, non-systematic omission is assumed to occur randomly. The user is advised to examine missing values by hospital for each data element to be used.

Patient Confidentiality

The Committee has taken considerable efforts to ensure that no individual patient could be identified from the PDF. Patient's age, physician's specialty, and payers are grouped. Several data elements are encrypted under specific conditions: (1) Utah zip and non-Utah zip codes with less than 30 discharges in a calendar year are coded at the county or state level respectively,(2) age, sex, and zip code are encrypted if the discharge involves Major Diagnosis Code (MDC) "25-Human Immunodeficiency Virus Infection" or Diagnosis Related Groups (DRG) "433-437 - Alcohol/Drug Abuse or Dependence", and (3) physician specialty for 7 rural hospitals with less than 30 beds which are Bear River Valley Hospital, Central Valley Medical Center, Delta Community Medical Center, Fillmore Community Medical Center, Garfield Memorial Hospital, Gunnison Valley Hospital, and Sanpete Valley Hospital.

Agreement to Protect Patient Confidentiality:

The data collected by the Health Data Committee may be used only for the purpose of health statistical reporting and analysis or specified in the user's written request for the data; any effort to determine the identity of any reported cases is prohibited. No one will attempt to link this data set with individually identifiable records from any other data sets.

Uses of Hospital Data:

The PDF includes data on charges and length of stay. Several factors, such as case-mix and severity complexity, payer-mix, market areas and hospital ownership, affiliation or teaching status, affect the comparability of charge and LOS across hospitals. Any analysis of charge or LOS at the hospital level should consider the above factors. The Health Data Committee calculates case-mix index and APR-DRG resource intensity index for each of the hospitals in the data base and utilizes the indices in analysis. Those indices, their methodology and a profile of Utah hospitals are appended at the end of the manual for users' reference (see Appendix A, B, and C).

Data Format:

Standard format for the public data file is ASCII code, on a CD-Rom. Requests for other formats, such as a SAS dataset, will be considered.

Citation:

Any statistical reporting or analysis based on the data shall cite the source as the following:

> Utah Hospital Inpatient Discharge Data File (2002). Utah Health Data Committee/Office of Health Care Statistics, Utah Department of Health, Salt Lake City, Utah, 2003.

DRG and APR-DRG Classification:

The DRG and APR-DRG fields in the data were generated using:

> 3M Core Grouping Software for Windows (Version 2.1). Wallingford CT, 3M Health Information Systems, May 2003.

Specifically, for the APR-DRG, and for the 2002 data, the Core Grouping Software executed the following module:

> APR-DRG Grouper(Version 15.0), Wallingford CT, 3M Health Information Systems, April 1998.

The DRG is the HCFA defined DRG. For the 2002 data, the Core Grouping Software generated this using the following modules:

> CMS Grouper(Versions 19.0 & 20.0), Wallingford CT, 3M Information Systems, October 2001 & October 2002.

Redistribution:

The user shall not redistribute the Utah Hospital Inpatient Discharge Data File in its original format. The user shall not redistribute any data products derived from the file without written permission from the Office of Health Care Statistics, Utah Department of Health.

FILE LAYOUT

RECORD LAYOUT OF PUBLIC USE DATA FILE I (2002.1)

	FIELD NAME	CLASS	WIDTH	POSITION From	To	VALID VALUES	Pg No.
1	Provider Identifier (Hospital)	A	3	1 -	3	101-145, 201-209,301-308,801	10
2	Patient's age (in 5-yr. group)	N	3	4 -	6	0 - 21, 66,99	11
3	Patient's gender	A	1	7 -	7	M, F, U, E	11
4	Type of admission	A	1	8 -	8	1 - 4, 9	12
5	Source of admission						
	Non-newborns	A	1	9 -	9	0 - 9	12
	Newborns	A	1	10 -	10	0 - 4, 9	13
6	Length of stay	N	8	11 -	18	Days	13
7	Patient's discharge status	A	2	19 -	20	01-08, 20,40-42,50-51,61-64,71-72	13
8	Patient's postal zip code	A	5	21 -	25	84000-84799, -4444, -5555, -6666, -8888, -9999, AZ..WV	14
9	Patient's residential county	N	3	26 -	28	1 - 29, 44, 55, 77, 88, 99	16
10	Patient 's cross-county migrant status	A	1	29 -	29	Y, N, U	18
11	Patient's marital status	A	1	30 -	30	S, M, X, D, P, W, U	18
12	Patient's race and ethnicity	A	2	31 -	32	W, WH, NW, NH, UK	18
13	Principal diagnosis code	A	5	33 -	37	xxxxx	18
14	Secondary diagnosis code 1	A	5	38 -	42	xxxxx	18
15	Secondary diagnosis code 2	A	5	43 -	47	xxxxx	18
16	Secondary diagnosis code 3	A	5	48 -	52	xxxxx	18
17	Secondary diagnosis code 4	A	5	53 -	57	xxxxx	18
18	Principal procedure	A	4	58 -	61	xxxx	18
19	Secondary procedure 1	A	4	62 -	65	xxxx	18
20	Secondary procedure 2	A	4	66 -	69	xxxx	18
21	DRG	N	3	70 -	72	1 - 527	19
22	MDC	N	3	73 -	75	1-25, 0	30
23	Total charge	N	10	76 -	85	12345678.00	30
24	Facility charge	N	10	86 -	95	12345678.00	30
25	Professional charge	N	10	96 -	105	12345678.00	31
26	Admitting physician specialty	A	7	106 -	112	Specialty codes	31
27	Attending physician specialty	A	7	113 -	119	Specialty codes	34
28	Other consultant physician specialty	A	7	120 -	126	Specialty codes	34
29	Surgeon's specialty	A	7	127 -	133	Specialty codes	34
30	Primary payer category	A	2	134 -	135	1 - 10,13,99	34
31	Secondary payer category	A	2	136 -	137	1 - 10,13,99	34

A=Alphanumeric characters N=All numeric characters

RECORD LAYOUT OF PUBLIC USE DATA FILE I (2002.1) con't

	FIELD NAME	CLASS	WIDTH	POSITION From	To	VALID VALUES	Page No.
32	Tertiary payer category	A	2	138	139	1 - 10,13,99	34
33	Patient's relationship to 1st insured	N	3	140	142	1 - 20	35
34	Outlier, total charge	N	3	143	145	1,0	36
35	Outlier, length of stay	N	3	146	148	1,0	36
36	APR-DRG	N	3	149	151	1-956	37
37	Patient Severity Subclass Value	A	1	152	152	0-4	36
38	Discharge Quarter	A	1	153	153	1-4	36
39	Record ID number	N	8	154	161	12345678	36
40	Secondary Diagnosis Code 5	A	5	162	166	xxxxx	18
41	Secondary Diagnosis Code 6	A	5	167	171	xxxxx	18
42	Secondary Diagnosis Code 7	A	5	172	176	xxxxx	18
43	Secondary Diagnosis Code 8	A	5	177	181	xxxxx	18
44	Secondary Procedure Code 3	A	4	182	185	xxxx	18
45	Secondary Procedure Code 4	A	4	186	189	xxxx	18
46	Secondary Procedure Code 5	A	4	190	193	xxxx	18
47	E-Code	A	5	194	198	Exxxx	37

A=Alphanumeric characters N=All numeric characters

RECORD LAYOUT OF PUBLIC USE DATA FILE III (2002.3)

	FIELD NAME	CLASS	WIDTH	POSITION From		To	VALID VALUES	Page No.
1	Provider Identifier (Hospital)	A	3	1	-	3	101-145, 201-209,301-308,801	10
2	Patient's age (in 5-yr. group)	N	3	4	-	6	0 - 21, 66,99	11
3	Patient's gender	A	1	7	-	7	M, F, U, E	11
4	Length of stay	N	8	11	-	18	Days	13
5	Patient's discharge status	A	2	19	-	20	01-08, 20,40-42,50-51,61-64,71-72	13
6	Patient's residential county	N	3	26	-	28	1 - 29, 44, 55, 77, 88, 99	16
7	Principal diagnosis code	A	5	33	-	37	xxxxx	18
8	Principal procedure	A	4	58	-	61	xxxx	20
9	Secondary procedure 1	A	4	62	-	65	xxxx	18
10	Secondary procedure 2	A	4	66	-	69	xxxx	18
11	DRG	N	3	70	-	72	1 - 527	19
12	MDC	N	3	73	-	75	1-25, 0	30
13	Total charge	N	10	76	-	85	12345678.00	30
14	Facility charge	N	10	86	-	95	12345678.00	30
15	Professional charge	N	10	96	-	105	12345678.00	31
16	Primary payer category	A	2	134	-	135	1 - 10,13,99	34
17	Record ID number	N	8	154	-	161	12345678	36

A=Alphanumeric characters N=All numeric characters

DESCRIPTION

OF DATA

ELEMENTS

Provider Identifier:(see Appendix C for hospital characteristics)

Hospital from which patient was discharged.

101 = BEAVER VALLEY HOSPITAL
102 = MILFORD VALLEY MEMORIAL HOSPITAL
103 = BRIGHAM CITY COMMUNITY HOSPITAL
104 = BEAR RIVER VALLEY HOSPITAL
105 = LOGAN REGIONAL HOSPITAL
106 = CASTLEVIEW HOSPITAL
107 = LAKEVIEW HOSPITAL
108 = DAVIS HOSPITAL & MEDICAL CENTER
109 = UINTAH BASIN MEDICAL CENTER
110 = GARFIELD MEMORIAL HOSPITAL
111 = ALLEN MEMORIAL HOSPITAL
112 = VALLEY VIEW MEDICAL CENTER
113 = CENTRAL VALLEY MEDICAL CENTER
114 = KANE COUNTY HOSPITAL
115 = FILLMORE COMMUNITY MEDICAL CENTER
116 = DELTA COMMUNITY MEDICAL CENTER
117 = JORDAN VALLEY HOSPITAL
118 = ALTA VIEW HOSPITAL
119 = COTTONWOOD HOSPITAL MEDICAL CENTER
120 = SALT LAKE REGIONAL MEDICAL CENTER
121 = LDS HOSPITAL
122 = PRIMARY CHILDREN'S MEDICAL CENTER
124 = ST. MARK'S HOSPITAL
125 = UNIVERSITY OF UTAH HOSPITALS & CLINICS
126 = PIONEER VALLEY HOSPITAL
127 = MONUMENT VALLEY ADVENTIST HOSPITAL(Closed--data through 4th Qtr 1995)
128 = SAN JUAN HOSPITAL
129 = GUNNISON VALLEY HOSPITAL
130 = SANPETE VALLEY HOSPITAL
132 = SEVIER VALLEY HOSPITAL
133 = MOUNTAIN WEST MEDICAL CENTER
134 = ASHLEY VALLEY MEDICAL CENTER
135 = OREM COMMUNITY HOSPITAL
136 = AMERICAN FORK HOSPITAL
137 = MOUNTAIN VIEW HOSPITAL
138 = UTAH VALLEY REGIONAL MEDICAL CENTER
139 = HEBER VALLEY MEDICAL CENTER
140 = DIXIE REGIONAL MEDICAL CENTER
141 = MCKAY-DEE HOSPITAL CENTER
142 = OGDEN REGIONAL MEDICAL CENTER
143 = ROCKY MOUNTAIN HOSPITAL(Closed--Data through 2nd Qtr 2001)
144 = TIMPANOGOS REGIONAL HOSPITAL
145 = CACHE VALLEY SPECIALTY HOSPITAL
201 = BENCHMARK BEHAVIORAL HEALTH SYSTEMS NORTH
202 = CHARTER SUMMIT HOSPITAL (Closed--data through 3rd Qtr 1993)
203 = SILVERADO SENIOR LIVING
204 = COPPER HILLS YOUTH CENTER (No longer licensed as a hospital--data through 4th Qtr 2001)
205 = WASATCH CANYONS HOSPITAL (Closed--data through 3rd Qtr. 1995)
206 = UNIVERSITY OF UTAH NEUROPSYCHIATRIC INSTITUTE
207 = BENCHMARK SOUTH REGIONAL HOSPITAL(Closed--data through 4th Qtr

1998)
209 = UTAH STATE HOSPITAL (Now exempt from reporting--data through 4th Qtr 1995)
301 = SOUTH DAVIS COMMUNITY HOSPITAL
302 = HIGHLAND RIDGE HOSPITAL
304 = BONNEVILLE HEALTH & REHABILITATION CENTER(Closed--data through 4th Qtr 2000)
305 = SHRINERS HOSPITAL (No data--exempt from reporting)
306 = HEALTHSOUTH REHABILITATION HOSPITAL OF UTAH
307 = THE ORTHOPEDIC SPECIALTY HOSPITAL
308 = THE SALT LAKE SPECIALTY MEDICAL CENTER
801 = VETERANS ADMINISTRATION MEDICAL CENTER
803 = USAF HOSPITAL HILL/SGA (No data--exempt from reporting)

Patient's Age (as of last birthday) at the Date of Discharge

0 = 1-28 days
1 = 29-365 days
2 = 1 - 4
3 = 5 - 9
4 = 10 - 14
5 = 15 - 17
6 = 18 - 19
7 = 20 - 24
8 = 25 - 29
9 = 30 - 34
10 = 35 - 39
11 = 40 - 44
12 = 45 - 49
13 = 50 - 54
14 = 55 - 59
15 = 60 - 64
16 = 65 - 69
17 = 70 - 74
18 = 75 - 79
19 = 80 - 84
20 = 85 - 89
21 = 90 +
66 = Encrypted (confidential data)
99 = Unknown
Blank = Not reported

Patient's Gender

M = Male
F = Female
U = Unknown
E = Encrypted (confidential data)
Blank = Not reported

Type of Admission

1 = Emergency
2 = Urgent
3 = Elective
4 = Newborn
9 = Unknown
Blank = Not reported

Source of Admission for Non-Newborns

0 = Newborns
1 = Physician Referral
The patient was admitted to this facility upon the recommendation of his or her personal physician. (See code 3 if the physician has an HMO affiliation.)
2 = Clinic Referral
The patient was admitted to this facility upon recommendation of this facility's clinic physician.
3 = HMO referral
The patient was admitted to this facility upon the recommendation of a health maintenance organization (HMO) physician.
4 = Transfer from a hospital
The patient was admitted to this facility as a transfer from an acute care facility where he or she was an inpatient.
5 = Transfer from a skilled nursing facility
The patient was admitted to this facility as a transfer from a skilled nursing facility where he or she was an inpatient.
6 = Transfer from another health care facility
The patient was admitted to this facility as a transfer from a health care facility other than an acute care facility or skilled nursing facility.
7 = Emergency room
The patient was admitted to this facility upon the recommendation of this facility's emergency room physician.
8 = Court/Law enforcement
The patient was admitted to this facility upon the direction of a court of law, or upon the request of a law enforcement agency representative.
9 = Information not available
The means by which the patient was admitted to this hospital is not known.
Blank = Not reported

FOR UTAH STATE HOSPITAL ONLY:
3 = Family Services Referral

Source of Admission for Newborns

0 = Non newborns
1 = Normal delivery
A baby delivered without complications.
2 = Premature delivery
A baby delivered with time or weight factors qualifying it for premature status.
3 = Sick baby
A baby delivered with medical complications, other than those relating to premature status.
4 = Extramural birth
A baby born in a non-sterile environment.
9 = Information not available.
Blank = Not reported

Length of Stay

Total days stayed in hospital from the date of admission to the date of discharge.

Blank = Not reported

Patient's Discharge Status

01 = Discharged to home or self care, routine discharge
02 = Discharged/transferred to another short-term general hospital
03 = Discharged/transferred to skilled nursing facility
04 = Discharged/transferred to an intermediate care facility
05 = Discharged/transferred to another type of institution
06 = Discharged/transferred to home under care of organized home health service organization
07 = Left against medical advice
08 = Discharged/transferred to home under care of a home IV provider
20 = Expired
40 = Expired at home
41 = Expired in a medial facility; i.e. hospital, skilled nursing facility, intermediate care facility, or free standing hospice
42 = Expired - place unknown
50 = Discharged/transferred to hospice - home
51 = Discharged/transferred to hospice - medical facility
61 = Discharged/transferred within institution to hospital based medicare swing bed
62 = Discharged/transferred to another rehab facility including distinct part units in hospital
63 = Discharged/transferred to a long term care hospital
64 = Discharged/transferred to a nursing facility certified under medicaid but not certified under

medicare
71 = Discharged/transferred/referred to another institution for outpatient (as per plan of care)
72 = Discharged/transferred to this institution for outpatient services(as per plan of care)
09 = Unknown
Blank = Not reported

Patient's Residential Zip Code

84000-84799 = Zip codes in Utah
-4444=Homeless (word homeless or homeless code of ZZZZZ given as address)
-5555=Unknown Utah(Unknown/invalid zip code with Utah address) (Note: If the city is present in the address but the zip code is not, the zip code variable is coded as -5555 while the county variable is coded with the actual county identifier)
-6666=Encrypted (confidential data)
-8888=Unknown (completely missing address information)
-9999=Outside U.S.A. (foreign address)

If less than 30 discharges occurred for a Utah zip code area, this zip code was mapped into the county code:

Beave = Beaver
BoxEl = Box Elder
Cache = Cache
Carbo = Carbon
Dagge = Daggett
Davis = Davis
Duche = Duchesne
Emery = Emery
Garfi = Garfield
Iron = Iron
Milla = Millard
Morga = Morgan
Piute = Piute
Rich = Rich
SaltL = Salt Lake
SanJu = San Juan
Sanpe = Sanpete
Sevie = Sevier
Summi = Summit
Tooel = Tooele
Uinta = Uintah
Washi = Washington
Wayne = Wayne
Weber = Weber

A quick way to identify the city associated with a zip code is to use the United States Postal Service website:

http://www.usps.gov/ncsc/lookups/lookup_ctystzip.html

If less than 30 discharges occurred for a non Utah zip code area, this zip code was mapped into the state code:

AL = ALABAMA
AK = ALASKA
AZ = ARIZONA
AR = ARKANSAS
CA = CALIFORNIA
CO = COLORADO
CT = CONNECTICUT
DE = DELAWARE
DC = DISTRICT OF COLUMBIA
FL = FLORIDA
GA = GEORGIA
HI = HAWAII
ID = IDAHO
IL = ILLINOIS
IN = INDIANA
IA = IOWA
KS = KANSAS
KY = KENTUCKY
LA = LOUISIANA
ME = MAINE
MD = MARYLAND
MA = MASSACHUSETTS
MI = MICHIGAN
MN = MINNESOTA
MS = MISSISSIPPI
MO = MISSOURI
MT = MONTANA
NE = NEBRASKA
NV = NEVADA
NH = NEW HAMPSHIRE
NJ = NEW JERSEY
NM = NEW MEXICO
NY = NEW YORK
NC = NORTH CAROLINA
ND = NORTH DAKOTA
OH = OHIO
OK = OKLAHOMA
OR = OREGON
PA = PENNSYLVANIA
RI = RHODE ISLAND
SC = SOUTH CAROLINA
SD = SOUTH DAKOTA
TN = TENNESSEE
TX = TEXAS
UT = UTAH
VT = VERMONT
VA = VIRGINIA
WA = WASHINGTON
WV = WEST VIRGINIA
WI = WISCONSIN
WY = WYOMING
PR = PUERTO RICO
GU = GUAM

Patient's Residential County

1= Box Elder
2= Cache
3= Rich
4= Morgan
5= Weber
6= Davis
7= Salt Lake
8= Summit
9= Tooele
10= Utah
11= Wasatch
12= Daggett
13= Duchesne
14= Uintah
15= Juab
16= Millard
18= Sanpete
17= Piute
19= Sevier
20= Wayne
21= Carbon
22= Emery
23= Grand
24= San Juan
25= Beaver
26= Garfield
27= Iron
28= Kane
29= Washington
30= Multi-County (used in earlier versions of dataset--the category has been eliminated)
44= Homeless (word "homeless" or homeless code of ZZZZZ given as address)
55= Unknown Utah (unknown city & zip but "Utah" in address)
77= Outside Utah (but in U.S.A.)
88= Unknown (completely missing address information)
99= Outside U.S.A. (foreign address)

Suggested Division of Local Areas:

Definition	**County Code (see above)**
1. Urban vs. Rural	
Urban Areas	5,6,7,10
Rural Areas	1-4, 8-9, 11-29
Excluding	30,44,55,77,88,99
2. Wasatch Front Area	
Yes	5,6,7,10
No	1-4, 8-9, 11-29
Excluding	30,44,55,77,88,99
3. Local Health Districts	
Bear River	1-3
Weber-Morgan	4-5
Davis County	6
Salt Lake County	7
Summit County	8
Tooele County	9
Utah County	10
Wasatch County	11
Uintah Basin	12-14
Central Utah	15-20
Southeastern Utah	21-24
Southwest Utah	25-29

Patient's Cross-County Migrant Status (hospital in different county than patient residence)

Y = Yes (includes out-of-state, foreign, out-of-county, homeless)
N = No (from same county)
U = Unknown (includes unknown and unknown but Utah residence)

Patient's Marital Status

S = Single
M = Married
X = Legally Separated
D = Divorced
W = Widowed
P = Life Partner
U = Unknown
Blank = Not reported

Patient's Race and Ethnicity

W = White, non Hispanic origin
WH = White, Hispanic origin
NW = Non-white, Hispanic origin
NH = Non-white, non Hispanic origin
UK = Unknown
Blank = Not reported

Principal Diagnosis Code

ICD-9-CM code. Refer to *International Classification of Diseases (9th Revision): Clinical Modification* for description.

There is an "implied" decimal point between the 3rd and 4th digit (decimal point is part of ICD-9-CM code but has been stripped out of data).

Blank = Not reported

The ICD-9-CM diagnosis codes can be looked up on the internet at Yaki Technologies' website "www.eicd.com/eicdmain.htm".

Secondary Diagnosis Code 1 through **Secondary Diagnosis Code 8**

Definition and category are the same as Principal Diagnosis Code

V-codes and secondary E-codes are also placed in these Secondary Diagnosis Code fields (both can be looked up at "www.eicd.com/eicdmain.htm").

Principal Procedure Code

ICD-9-CM code. Refer to *International Classification of Diseases (9th Revision): Clinical Modification* for description.

There is an "implied" decimal point between the 2nd and 3rd digit (decimal point is part of ICD-9-CM code but has been stripped out of data).

Blank = Not reported

Secondary Procedure Code 1 through **Secondary Procedure Code 5**

Definition and category are the same as Principal Procedure Code

---

Diagnosis Related Group (DRG)

1* CRANIOTOMY AGE >17 EXCEPT FOR TRAUMA (prior to 10-1-02)
1* CRANIOTOMY AGE >17 WITH COMPLICATIONS, COMORBIDITIES (beginning 10-1-02)
2* CRANIOTOMY FOR TRAUMA AGE >17 (prior to 10-1-02)
2* CRANIOTOMY AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES (beginning 10-1-02)
3 CRANIOTOMY AGE 0-17
4 SPINAL PROCEDURES
5 EXTRACRANIAL VASCULAR PROCEDURES
6 CARPAL TUNNEL RELEASE
7 PERIPHERAL & CRANIAL NERVE & OTHER NERVE SYSTEM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
8 PERIPHERAL & CRANIAL NERVE & OTHER NERVE SYSTEM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
9 SPINAL DISORDERS & INJURIES
10 NERVOUS SYSTEM NEOPLASMS WITH COMPLICATIONS, COMORBIDITIES
11 NERVOUS SYSTEM NEOPLASMS WITHOUT COMPLICATIONS, COMORBIDITIES
12 DEGENERATIVE NERVOUS SYSTEM DISORDERS
13 MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA
14* SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TRANSIENT ISCHEMIC ATTACK (prior to 10-1-02)
14* INTRACRANIAL HEMORRHAGE AND STROKE WITH INFARCTION (beginning 10-1-02)
15* TRANSIENT ISCHEMIC ATTACK & PRECEREBRAL OCCLUSIONS (prior to 10-1-02)
15* NONSPECIFIC CEREBROVASCULAR AND PRECEREBRAL OCCLUSION WITHOUT INFARCTION (beginning 10-1-02)
16 NONSPECIFIC CEREBROVASCULAR DISORDERS WITH COMPLICATIONS, COMORBIDITIES
17 NONSPECIFIC CEREBROVASCULAR DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
18 CRANIAL & PERIPHERAL NERVE DISORDERS WITH COMPLICATIONS, COMORBIDITIES
19 CRANIAL & PERIPHERAL NERVE DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
20 NERVOUS SYSTEM INFECTION EXCEPT VIRAL MENINGITIS
21 VIRAL MENINGITIS
22 HYPERTENSIVE ENCEPHALOPATHY
23 NONTRAUMATIC STUPOR & COMA
24 SEIZURE & HEADACHE AGE >17 WITH COMPLICATIONS, COMORBIDITIES
25 SEIZURE & HEADACHE AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
26 SEIZURE & HEADACHE AGE 0-17
27 TRAUMATIC STUPOR & COMA, COMA >1 HR
28 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >17 WITH COMPLICATIONS, COMORBIDITIES
29 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
30 TRAUMATIC STUPOR & COMA, COMA <1 HR AGE 0-17
31 CONCUSSION AGE >17 WITH COMPLICATIONS, COMORBIDITIES
32 CONCUSSION AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
33 CONCUSSION AGE 0-17
34 OTHER DISORDERS OF NERVOUS SYSTEM WITH COMPLICATIONS, COMORBIDITIES
35 OTHER DISORDERS OF NERVOUS SYSTEM WITHOUT COMPLICATION, COMORBIDITIES
36 RETINAL PROCEDURES
37 ORBITAL PROCEDURES
38 PRIMARY IRIS PROCEDURES
39 LENS PROCEDURES WITH OR WITHOUT VITRECTOMY
40 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE >17
41 EXTRAOCULAR PROCEDURES EXCEPT ORBIT AGE 0-17
42 INTRAOCULAR PROCEDURES EXCEPT RETINA, IRIS & LENS
43 HYPHEMA
44 ACUTE MAJOR EYE INFECTIONS
45 NEUROLOGICAL EYE DISORDERS
46 OTHER DISORDERS OF THE EYE AGE >17 WITH COMPLICATIONS, COMORBIDITIES
47 OTHER DISORDERS OF THE EYE AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
48 OTHER DISORDERS OF THE EYE AGE 0-17
49 MAJOR HEAD & NECK PROCEDURES
50 SIALOADENECTOMY
51 SALIVARY GLAND PROCEDURES EXCEPT SIALOADENECTOMY
52 CLEFT LIP & PALATE REPAIR
53 SINUS & MASTOID PROCEDURES AGE >17
54 SINUS & MASTOID PROCEDURES AGE 0-17
55 MISCELLANEOUS EAR, NOSE, MOUTH & THROAT PROCEDURES

Diagnosis Related Group (DRG)

56 RHINOPLASTY
57 TONSIL & ADENOID PROCEDURES, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17
58 TONSIL & ADENOID PROCEDURES, EXCEPT TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE 0-17
59 TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE >17
60 TONSILLECTOMY &/OR ADENOIDECTOMY ONLY, AGE 0-17
61 MYRINGOTOMY WITH TUBE INSERTION AGE >17
62 MYRINGOTOMY WITH TUBE INSERTION AGE 0-17
63 OTHER EAR, NOSE, MOUTH & THROAT OPERATING ROOM PROCEDURES
64 EAR, NOSE, MOUTH & THROAT MALIGNANCY
65 DISEQUILIBRIUM
66 EPISTAXIS
67 EPIGLOTTITIS
68 OTITIS MEDIA & UPPER RESPIRATORY INFECTION AGE >16 WITH COMPLICATIONS, COMORBIDITIES
69 OTITIS MEDIA & UPPER RESPIRATORY INFECTION AGE > 17 WITHOUT COMPLICATIONS, COMORBIDITIES
70 OTITIS MEDIA & UPPER RESPIRATORY INFECTION AGE 0-17
71 LARYNGOTRACHEITIS
72 NASAL TRAUMA & DEFORMITY
73 OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES AGE >17
74 OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES AGE 0-17
75 MAJOR CHEST PROCEDURES
76 OTHER RESPIRATORY SYSTEM OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
77 OTHER RESPIRATORY SYSTEM OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
78 PULMONARY EMBOLISM
79 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
80 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
81 RESPIRATORY INFECTIONS & INFLAMMATIONS AGE 0-17
82 RESPIRATORY NEOPLASMS
83 MAJOR CHEST TRAUMA WITH COMPLICATIONS, COMORBIDITIES
84 MAJOR CHEST TRAUMA WITHOUT COMPLICATIONS, COMORBIDITIES
85 PLEURAL EFFUSION WITH COMPLICATIONS, COMORBIDITIES
86 PLEURAL EFFUSION WITHOUT COMPLICATIONS, COMORBIDITIES
87 PULMONARY EDEMA & RESPIRATORY FAILURE
88 CHRONIC OBSTRUCTIVE PULMONARY DISEASE
89 SIMPLE PNEUMONIA & PLEURISY AGE >17 WITH COMPLICATIONS, COMORBIDITIES
90 SIMPLE PNEUMONIA & PLEURISY AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
91 SIMPLE PNEUMONIA & PLEURISY AGE 0-17
92 INTERSTITIAL LUNG DISEASE WITH COMPLICATIONS, COMORBIDITIES
93 INTERSTITIAL LUNG DISEASE WITHOUT COMPLICATIONS, COMORBIDITIES
94 PNEUMOTHORAX WITH COMPLICATIONS, COMORBIDITIES
95 PNEUMOTHORAX WITHOUT COMPLICATIONS, COMORBIDITIES
96 BRONCHITIS & ASTHMA AGE >17 WITH COMPLICATIONS, COMORBIDITIES
97 BRONCHITIS & ASTHMA AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
98 BRONCHITIS & ASTHMA AGE 0-17
99 RESPIRATORY SIGNS & SYMPTOMS WITH COMPLICATIONS, COMORBIDITIES
100 RESPIRATORY SIGNS & SYMPTOMS WITHOUT COMPLICATIONS, COMORBIDITIES
101 OTHER RESPIRATORY SYSTEM DIAGNOSES WITH COMPLICATIONS, COMORBIDITIES
102 OTHER RESPIRATORY SYSTEM DIAGNOSES WITHOUT COMPLICATIONS, COMORBIDITIES
103 HEART TRANSPLANT
104* CARDIAC VALVE PROCEDURES WITH CARDIAC CATHETER (prior to 10-1-98)
104* CARDIAC VALVE & OTHER MAJOR CARDIOTHORACIC PROCEDURES WITH CARDIAC CATHETER (beginning 10-1-98)
105* CARDIAC VALVE PROCEDURES WITHOUT CARDIAC CATHETER (prior to 10-1-98)
105* CARDIAC VALVE & OTHER MAJOR CARDIOTHORACIC PROC WITHOUT CARDIAC CATHETER (beginning 10-1-98)
106* CORONARY BYPASS WITH CARDIAC CATHETER (prior to 10-1-98)
106* CORONARY BYPASS WITH PTCA (beginning 10-1-98)
107* CORONARY BYPASS WITHOUT CARDIAC CATHETER (prior to 10-1-98)
107* CORONARY BYPASS WITH CARDIAC CATHETER (beginning 10-1-98)

Diagnosis Related Group (DRG)

108 OTHER CARDIOTHORACIC PROCEDURES
109* CORONARY BYPASS WITHOUT CARDIAC CATHETER (beginning 10-1-98; the DRG "109" number was not assigned until 10-1-98)
110 MAJOR CARDIOVASCULAR PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
111 MAJOR CARDIOVASCULAR PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
112* PERCUTANEOUS CARDIOVASCULAR PROCEDURES (prior to 10-1-01; no "112" beginning 10-1-01 when DRGs 516-518 were added)
113 AMPUTATION FOR CIRCULATORY SYSTEM DISORDERS EXCEPT UPPER LIMB & TOE
114 UPPER LIMB & TOE AMPUTATION FOR CIRCULATORY SYSTEM DISORDERS
115* PERMANENT CARDIAC PACEMAKER IMPLANT WITH ACUTE MYOCARDIAL INFARCTION, HEART FAILURE OR SHOCK (prior to 10-1-97)
115* PERMANENT CARDIAC PACEMAKER IMPLANT WITH ACUTE MYOCARDIAL INFARCTION, HEART FAILURE OR SHOCK, OR AICD LEAD OR GENERATOR PROC (beginning 10-1-97)
116* OTHER PERMANENT CARDIAC PACEMAKER IMPLANT OR AICD LEAD OR GENERATOR PROC (prior to 10-1-97)
116* OTHER PERMANENT CARDIAC PACEMAKER IMPLANT OR PTCA WITH CORONARY ARTERY STENT IMPLANT (between 10-1-97 and 10-1-01)
116* OTHER CARDIAC PACEMAKER IMPLANTATION (beginning 10-1-01)
117 CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT
118 CARDIAC PACEMAKER DEVICE REPLACEMENT
119 VEIN LIGATION & STRIPPING
120 OTHER CIRCULATORY SYSTEM OPERATING ROOM PROCEDURES
121* CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION & CARDIOVASCULAR COMPLICATIONS, DISCHARGED ALIVE (prior to 10-1-97)
121* CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION & MAJOR COMPLICATION, DISCHARGED ALIVE (beginning 10-1-97)
122* CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION WITHOUT CARDIOVASCULAR COMPLICATION, DISCHARGED ALIVE (prior to 10-1-97)
122* CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION WITHOUT MAJOR COMPLICATION, DISCHARGED ALIVE (beginning 10-1-97)
123 CIRCULATORY DISORDERS WITH ACUTE MYOCARDIAL INFARCTION, EXPIRED
124 CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION, WITH CARDIAC CATHETER & COMPLEX DIAGNOSES
125 CIRCULATORY DISORDERS EXCEPT ACUTE MYOCARDIAL INFARCTION, WITH CARDIAC CATHETER WITHOUT COMPLEX DIAGNOSES
126 ACUTE & SUBACUTE ENDOCARDITIS
127 HEART FAILURE & SHOCK
128 DEEP VEIN THROMBOPHLEBITIS
129 CARDIAC ARREST, UNEXPLAINED
130 PERIPHERAL, VASCULAR DISORDERS WITH COMPLICATIONS, COMORBIDITIES
131 PERIPHERAL VASCULAR DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
132 ATHEROSCLEROSIS WITH COMPLICATIONS, COMORBIDITIES
133 ATHEROSCLEROSIS WITHOUT COMPLICATIONS, COMORBIDITIES
134 HYPERTENSION
135 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
136 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
137 CARDIAC CONGENITAL & VALVULAR DISORDERS AGE 0-17
138 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS WITH COMPLICATIONS, COMORBIDITIES
139 CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
140 ANGINA PECTORIS
141 SYNCOPE & COLLAPSE WITH COMPLICATIONS, COMORBIDITIES
142 SYNCOPE & COLLAPSE WITHOUT COMPLICATIONS, COMORBIDITIES
143 CHEST PAIN
144 OTHER CIRCULATORY SYSTEM DIAGNOSES WITH COMPLICATIONS, COMORBIDITIES
145 OTHER CIRCULATORY SYSTEM DIAGNOSES WITHOUT COMPLICATIONS, COMORBIDITIES
146 RECTAL RESECTION WITH COMPLICATIONS, COMORBIDITIES
147 RECTAL RESECTION WITHOUT COMPLICATIONS, COMORBIDITIES
148 MAJOR SMALL & LARGE BOWEL PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
149 MAJOR SMALL & LARGE BOWEL PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
150 PERITONEAL ADHESIOLYSIS WITH COMPLICATIONS, COMORBIDITIES
151 PERITONEAL ADHESIOLYSIS WITHOUT COMPLICATIONS, COMORBIDITIES
152 MINOR SMALL & LARGE BOWEL PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
153 MINOR SMALL & LARGE BOWEL PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES

Diagnosis Related Group (DRG)

154 STOMACH, ESOPHAGEAL, & DUODENAL PROCEDURES AGE >17 WITH COMPLICATIONS, COMORBIDITIES
155 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
156 STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES AGE 0-17
157 ANAL & STOMAL PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
158 ANAL & STOMAL PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
159 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >17 WITH COMPLICATIONS, COMORBIDITIES
160 HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
161 INGUINAL & FEMORAL HERNIA PROCEDURES AGE >17 WITH COMPLICATIONS, COMORBIDITIES
162 INGUINAL & FEMORAL HERNIA PROCEDURES AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
163 HERNIA PROCEDURES AGE 0-17
164 APPENDECTOMY WITH COMPLICATED PRINCIPAL DIAGNOSIS WITH COMPLICATIONS, COMORBIDITIES
165 APPENDECTOMY WITH COMPLICATED PRINCIPAL DIAGNOSIS WITHOUT COMPLICATIONS, COMORBIDITIES
166 APPENDECTOMY WITHOUT COMPLICATED PRINCIPAL DIAGNOSIS WITH COMPLICATIONS, COMORBIDITIES
167 APPENDECTOMY WITHOUT COMPLICATED PRINCIPAL DIAGNOSIS WITHOUT COMPLICATIONS, COMORBIDITIES
168 MOUTH PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
169 MOUTH PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
170 OTHER DIGESTIVE SYSTEM OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
171 OTHER DIGESTIVE SYSTEM OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
172 DIGESTIVE MALIGNANCY WITH COMPLICATIONS, COMORBIDITIES
173 DIGESTIVE MALIGNANCY WITHOUT COMPLICATIONS, COMORBIDITIES
174 GASTROINTESTINAL HEMORRHAGE WITH COMPLICATIONS, COMORBIDITIES
175 GASTROINTESTINAL HEMORRHAGE WITHOUT COMPLICATIONS, COMORBIDITIES
176 COMPLICATED PEPTIC ULCER
177 UNCOMPLICATED PEPTIC ULCER WITH COMPLICATIONS, COMORBIDITIES
178 UNCOMPLICATED PEPTIC ULCER WITHOUT COMPLICATIONS, COMORBIDITIES
179 INFLAMMATORY BOWEL DISEASE
180 GASTROINTESTINAL OBSTRUCTION WITH COMPLICATIONS, COMORBIDITIES
181 GASTROINTESTINAL OBSTRUCTION WITHOUT COMPLICATIONS, COMORBIDITIES
182 ESOPHAGITIS, GASTROENTERITIS, & MISCELLANEOUS DIGESTIVE DISORDERS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
183 ESOPHAGITIS, GASTROENTERITIS, & MISCELLANEOUS DIGESTIVE DISORDERS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
184 ESOPHAGITIS, GASTROENTERITIS, & MISCELLANEOUS DIGESTIVE DISORDERS AGE 0-17
185 DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS AGE >17
186 DENTAL & ORAL DIS EXCEPT EXTRACTIONS & RESTORATIONS, AGE 0-17
187 DENTAL EXTRACTIONS & RESTORATIONS
188 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >17 WITH COMPLICATIONS, COMORBIDITIES
189 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
190 OTHER DIGESTIVE SYSTEM DIAGNOSES AGE 0-17
191 PANCREAS, LIVER & SHUNT PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
192 PANCREAS, LIVER 7 SHUNT PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
193 BILIARY TACT PROCEDURES EXCEPT ONLY TOTAL CHOLECYST WITH OR WITHOUT COMMON DUCT EXPLORATION WITH COMPLICATIONS, COMORBIDITIES
194 BILIARY TRACT PROCEDURES EXCEPT ONLY TOTAL CHOLECYST WITH OR WITHOUT COMMON DUCT EXPLORATION WITHOUT COMPLICATIONS, COMORBIDITIES
195 CHOLECYSTECTOMY WITH COMMON DUCT EXPLORATION WITH COMPLICATIONS, COMORBIDITIES
196 CHOLECYSTECTOMY WITH COMMON DUCT EXPLORATION WITHOUT COMPLICATIONS, COMORBIDITIES
197 CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE WITHOUT COMMON DUCT EXPLORATION WITH COMPLICATIONS, COMORBIDITIES
198 CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE WITHOUT COMMON DUCT EXPLORATION WITHOUT COMPLICATIONS, COMORBIDITIES

Diagnosis Related Group (DRG)

199 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR MALIGNANCY
200 HEPATOBILIARY DIAGNOSTIC PROCEDURE FOR NON-MALIGNANCY
201 OTHER HEPATOBILIARY OR PANCREAS OPERATING ROOM PROCEDURES
202 CIRRHOSIS & ALCOHOLIC HEPATITIS
203 MALIGNANCY OF HEPATOBILIARY SYSTEM OR PANCREAS
204 DISORDERS OF PANCREAS EXCEPT MALIGNANCY
205 DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS, ALCOHOLIC HEPATITIS WITH COMPLICATIONS, COMORBIDITIES
206 DISORDERS OF LIVER EXCEPT MALIGNANCY, CIRRHOSIS, ALCOHOLIC HEPATITIS WITHOUT COMPLICATIONS, COMORBIDITIES
207 DISORDERS OF THE BILIARY TRACT WITH COMPLICATIONS, COMORBIDITIES
208 DISORDERS OF THE BILIARY TRACT WITHOUT COMPLICATIONS, COMORBIDITIES
209 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES OF LOWER EXTREMITY
210 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE >17 WITH COMPLICATIONS, COMORBIDITIES
211 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
212 HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT AGE 0-17
213 AMPUTATION FOR MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DISORDERS
214* BACK & NECK PROCEDURES WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-97; no "214" beginning 10-1-97 when DRGs 497-500 were added)
215* BACK & NECK PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES (prior to 10-1-07; no "215" beginning 10-1-97 when DRGs 497-500 were added)
216 BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE
217 WOUND DEBRIDEMENT & SKIN GRAFT EXCEPT HAND, FOR MUSCULOSKELETAL & CONNECTIVE TISSUE DISORDERS
218 LOWER EXTREMITY & HUMERUS PROCEDURES EXCEPT HIP, FOOT, FEMUR AGE >17 COMPLICATIONS, COMORBIDITIES
219 LOWER EXTREMITY & HUMERUS PROCEDURES EXCEPT HIP, FOOT, FEMUR AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
220 LOWER EXTREMITY & HUMERUS PROCEDURES EXCEPT HIP, FOOT, FEMUR AGE 0-17
221* KNEE PROCEDURES WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-97; no "221" beginning 10-1-97 when DRGs 501-503 were added)
222* KNEE PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES (prior to 10-1-97; no "222" beginning 10-1-97 when DRGs 501-503 were added)
223 MAJOR SHOULDER/ELBOW PROCEDURE, OR OTHER UPPER EXTREMITY PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
224 SHOULDER, ELBOW OR FOREARM PROCEDURE, EXCEPT MAJOR JOINT PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
225 FOOT PROCEDURES
226 SOFT TISSUE PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
227 SOFT TISSUE PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
228 MAJOR THUMB OR JOINT PROCEDURE, OR OTHER HAND OR WRIST PROCEDURE WITH COMPLICATIONS, COMORBIDITIES
229 HAND OR WRIST PROCEDURE, EXCEPT MAJOR JOINT PROCEDURE, WITHOUT COMPLICATIONS, COMORBIDITIES
230 LOCAL EXCISION & REMOVAL OF INTERNAL FIXATION DEVICES OF HIP & FEMUR
231 LOCAL EXCISION & REMOVAL OF INTERNAL FIXATION DEVICES EXCEPT HIP & FEMUR
232 ARTHROSCOPY
233 OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
234 OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
235 FRACTURES OF FEMUR
236 FRACTURES OF HIP & PELVIS
237 SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH
238 OSTEOMYELITIS
239 PATHOLOGICAL FRACTURES & MUSCULOSKELETAL & CONNECTIVE TISSUE MALIGNANCY
240 CONNECTIVE TISSUE DISORDERS WITH COMPLICATIONS, COMORBIDITIES
241 CONNECTIVE TISSUE DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
242 SEPTIC ARTHRITIS
243 MEDICAL BACK PROBLEMS
244 BONE DISEASES & SPECIFIC ARTHROPATHIES WITH COMPLICATIONS, COMORBIDITIES
245 BONE DISEASES & SPECIFIC ARTHROPATHIES WITHOUT COMPLICATIONS, COMORBIDITIES
246 NON-SPECIFIC ARTHROPATHIES
247 SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE

Diagnosis Related Group (DRG)

248 TENDINITIS, MYOSITIS & BURSITIS
249 AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE
250 FRACTURE, SPRAIN, STRAIN, & DISLOCATION OF FOREARM, HAND, FOOT AGE >17 WITH COMPLICATIONS, COMORBIDITIES
251 FRACTURE, SPRAIN, STRAIN, & DISLOCATION OF FOREARM, HAND, FOOT AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
252 FRACTURE, SPRAIN, STRAIN & DISLOCATION OF FOREARM, HAND, FOOT AGE 0-17
253 FRACTURE, SPRAIN, STRAIN & DISLOCATION OF UPPER ARM, LOWER LEG EXCEPT FOOT AGE >17 WITH COMPLICATIONS, COMORBIDITIES
254 FRACTURE, SPRAIN, STRAIN & DISLOCATION OF UPPER ARM, LOWER LEG, EXCEPT FOOT AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
255 FRACTURE, SPRAIN, STRAIN, & DISLOCATION OF UPPER ARM, LOWER LEG EXCEPT FOOT AGE 0-17
256 OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DIAGNOSIS
257 TOTAL MASTECTOMY FOR MALIGNANCY WITH COMPLICATIONS, COMORBIDITIES
258 TOTAL MASTECTOMY FOR MALIGNANCY WITHOUT COMPLICATIONS, COMORBIDITIES
259 SUBTOTAL MASTECTOMY FOR MALIGNANCY WITH COMPLICATIONS, COMORBIDITIES
260 SUBTOTAL MASTECTOMY FOR MALIGNANCY WITHOUT COMPLICATIONS, COMORBIDITIES
261 BREAST PROCEDURE FOR NON-MALIGNANCY EXCEPT BIOPSY & LOCAL EXCISION
262 BREAST BIOPSY & LOCAL EXCISION FOR NON-MALIGNANCY
263 SKIN GRAFT &/OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS WITH COMPLICATIONS, COMORBIDITIES
264 SKIN GRAFT &/OR DEBRIDEMENT FOR SKIN ULCER OR CELLULITIS WITHOUT COMPLICATIONS, COMORBIDITIES
265 SKIN GRAFT &/OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS WITH COMPLICATIONS, COMORBIDITIES
266 SKIN GRAFT &/OR DEBRIDEMENT EXCEPT FOR SKIN ULCER OR CELLULITIS WITHOUT COMPLICATIONS, COMORBIDITIES
267 PERIANAL & PILONIDAL PROCEDURES
268 SKIN, SUBCUTANEOUS TISSUE & BREAST PLASTIC PROCEDURES
269 OTHER SKIN, SUBCUTANEOUS TISSUE & BREAST PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
270 OTHER SKIN, SUBCUTANEOUS TISSUE & BREAST PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
271 SKIN ULCERS
272 MAJOR SKIN DISORDERS WITH COMPLICATIONS, COMORBIDITIES
273 MAJOR SKIN DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
274 MALIGNANT BREAST DISORDERS WITH COMPLICATIONS, COMORBIDITIES
275 MALIGNANT BREAST DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
276 NON-MALIGNANT BREAST DISORDERS
277 CELLULITIS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
278 CELLULITIS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
279 CELLULITIS AGE 0-17
280 TRAUMA TO THE SKIN, SUBCUTANEOUS TISSUE & BREAST AGE >17 WITH COMPLICATIONS, COMORBIDITIES
281 TRAUMA TO THE SKIN, SUBCUTANEOUS TISSUE & BREAST AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
282 TRAUMA TO THE SKIN, SUBCUTANEOUS TISSUE & BREAST AGE 0-17
283 MINOR SKIN DISORDERS WITH COMPLICATIONS, COMORBIDITIES
284 MINOR SKIN DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
285 AMPUTATION OF LOWER LIMB FOR ENDOCRINE, NUTRITION & METABOLIC DISORDERS
286 ADRENAL & PITUITARY PROCEDURES
287 SKIN GRAFTS & WOUND DEBRIDEMENT FOR ENDOCRINE, NUTRITION & METABOLIC DISORDERS
288 OPERATING ROOM PROCEDURES FOR OBESITY
289 PARATHYROID PROCEDURES
290 THYROID PROCEDURES
291 THYROGLOSSAL PROCEDURES
292 OTHER ENDOCRINE, NUTRITION & METABOLIC OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
293 OTHER ENDOCRINE, NUTRITION & METABOLIC OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
294 DIABETES AGE >35
295 DIABETES AGE 0-35
296 NUTRITIONAL & MISCELLANEOUS METABOLIC DISORDERS AGE >17 WITH COMPLICATIONS, COMORBIDITIES

Diagnosis Related Group (DRG)

297 NUTRITIONAL & MISCELLANEOUS METABOLIC DISORDERS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
298 NUTRITIONAL & MISCELLANEOUS METABOLIC DISORDERS AGE 0-17
299 INBORN ERRORS OF METABOLISM
300 ENDOCRINE DISORDERS WITH COMPLICATIONS, COMORBIDITIES
301 ENDOCRINE DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
302 KIDNEY TRANSPLANT
303 KIDNEY, URETER & MAJOR BLADDER PROCEDURES FOR NEOPLASM
304 KIDNEY, URETER & MAJOR BLADDER PROCEDURES FOR NON-NEOPLASM WITH COMPLICATIONS, COMORBIDITIES
305 KIDNEY, URETER & MAJOR BLADDER PROCEDURES FOR NON-NEOPLASM WITHOUT COMPLICATIONS, COMORBIDITIES
306 PROSTATECTOMY WITH COMPLICATIONS, COMORBIDITIES
307 PROSTATECTOMY WITHOUT COMPLICATIONS, COMORBIDITIES
308 MINOR BLADDER PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
309 MINOR BLADDER PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
310 TRANSURETHRAL PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
311 TRANSURETHRAL PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
312 URETHRAL PROCEDURES, AGE > 17 WITH COMPLICATIONS, COMORBIDITIES
313 URETHRAL PROCEDURES, AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
314 URETHRAL PROCEDURES, AGE 0-17
315 OTHER KIDNEY & URINARY TRACT OPERATING ROOM PROCEDURES
316 RENAL FAILURE
317 ADMIT FOR RENAL DIALYSIS
318 KIDNEY & URINARY TRACT NEOPLASMS WITH COMPLICATIONS, COMORBIDITIES
319 KIDNEY & URINARY TRACT NEOPLASMS WITHOUT COMPLICATIONS, COMORBIDITIES
320 KIDNEY & URINARY TRACT INFECTIONS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
321 KIDNEY & URINARY TRACT INFECTIONS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
322 KIDNEY & URINARY TRACT INFECTIONS AGE 0-17
323 URINARY STONES WITH COMPLICATIONS, COMORBIDITIES, &/OR ETRACORPOREAL SHOCK WAVE LITHOTRIPSY
324 URINARY STONES WITHOUT COMPLICATIONS, COMORBIDITIES
325 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
326 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
327 KIDNEY & URINARY TRACT SIGNS & SYMPTOMS AGE 0-17
328 URETHRAL STRICTURE AGE >17 WITH COMPLICATIONS, COMORBIDITIES
329 URETHRAL STRICTURE AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
330 URETHRAL STRICTURE AGE 0-17
331 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >17 WITH COMPLICATIONS, COMORBIDITIES
332 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
333 OTHER KIDNEY & URINARY TRACT DIAGNOSES AGE 0-17
334 MAJOR MALE PELVIC PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
335 MAJOR MALE PELVIC PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
336 TRANSURETHRAL PROSTATECTOMY WITH COMPLICATIONS, COMORBIDITIES
337 TRANSURETHRAL PROSTATECTOMY WITHOUT COMPLICATIONS, COMORBIDITIES
338 TESTES PROCEDURES, FOR MALIGNANCY
339 TESTES PROCEDURES, NON-MALIGNANCY AGE >17
340 TESTES PROCEDURES, NON-MALIGNANCY AGE 0-17
341 PENIS PROCEDURES
342 CIRCUMCISION AGE >17
343 CIRCUMCISION AGE 0-17
344 OTHER MALE REPRODUCTIVE SYSTEM OPERATING ROOM PROCEDURES FOR MALIGNANCY
345 OTHER MALE REPRODUCTIVE SYSTEM OPERATING ROOM PROCEDURES EXCEPT FOR MALIGNANCY
346 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, WITH COMPLICATIONS, COMORBIDITIES
347 MALIGNANCY, MALE REPRODUCTIVE SYSTEM, WITHOUT COMPLICATIONS, COMORBIDITIES
348 BENIGN PROSTATIC HYPERTROPHY WITH COMPLICATIONS, COMORBIDITIES
349 BENIGN PROSTATIC HYPERTROPHY WITHOUT COMPLICATIONS, COMORBIDITIES
350 INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM
351 STERILIZATION, MALE
352 OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES
353 PELVIC EVISCERATION, RADICAL HYSTERECTOMY & RADICAL VULVECTOMY

Diagnosis Related Group (DRG)

354 UTERINE, ADNEXA PROCEDURES FOR NON-OVARIAN/ADNEXAL MALIGNANCY WITH COMPLICATIONS, COMORBIDITIES
355 UTERINE, ADNEXA PROCEDURES FOR NON-OVARIAN/ADNEXAL MALIGNANCY WITHOUT COMPLICATIONS, COMORBIDITIES
356 FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES
357 UTERINE & ADNEXA PROCEDURES FOR OVARIAN OR ADNEXAL MALIGNANCY
358 UTERINE & ADNEXA PROCEDURE FOR NON-MALIGNANCY WITH COMPLICATIONS, COMORBIDITIES
359 UTERINE & ADNEXA PROCEDURE FOR NON-MALIGNANCY WITHOUT COMPLICATIONS, COMORBIDITIES
360 VAGINA, CERVIX & VULVA PROCEDURES
361 LAPAROSCOPY & INCISIONAL TUBAL INTERRUPTION
362 ENDOSCOPIC TUBAL INTERRUPTION
363 DILATION & CURETTAGE, CONIZATION & RADIO-IMPLANT, FOR MALIGNANCY
364 DILATION & CURETTAGE, CONIZATION EXCEPT FOR MALIGNANCY
365 OTHER FEMALE REPRODUCTIVE SYSTEM OPERATING ROOM PROCEDURES
366 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM WITH COMPLICATIONS, COMORBIDITIES
367 MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM WITHOUT COMPLICATIONS, COMORBIDITIES
368 INFECTIONS, FEMALE REPRODUCTIVE SYSTEM
369 MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS
370 CESAREAN SECTION WITH COMPLICATIONS, COMORBIDITIES
371 CESAREAN SECTION WITHOUT COMPLICATIONS, COMORBIDITIES
372 VAGINAL DELIVERY WITH COMPLICATING DIAGNOSES
373 VAGINAL DELIVERY WITHOUT COMPLICATING DIAGNOSES
374 VAGINAL DELIVERY WITH STERILIZATION &/OR DILATION & CURETTAGE
375 VAGINAL DELIVERY WITH OPERATING ROOM PROCEDURE EXCEPT STERILIZATION &/OR DILATION & CURETTAGE
376 POSTPARTUM & POST ABORTION DIAGNOSES WITHOUT OPERATING ROOM PROCEDURE
377 POSTPARTUM & POST ABORTION DIAGNOSES WITH OPERATING ROOM PROCEDURE
378 ECTOPIC PREGNANCY
379 THREATENED ABORTION
380 ABORTION WITHOUT DILATION & CURETTAGE
381 ABORTION WITH DILATION & CURETTAGE, ASPIRATION CURETTAGE OR HYSTEROTOMY
382 FALSE LABOR
383 OTHER ANTEPARTUM DIAGNOSES WITH MEDICAL COMPLICATIONS
384 OTHER ANTEPARTUM DIAGNOSES WITHOUT MEDICAL COMPLICATIONS
385 NEONATES, DIED OR TRANSFERRED TO ANOTHER ACUTE CARE FACILITY
386 EXTREME IMMATURITY OR RESPIRATORY DISTRESS SYNDROME, NEONATE
387 PREMATURITY WITH MAJOR PROBLEMS
388 PREMATURITY WITHOUT MAJOR PROBLEMS
389 FULL TERM NEONATE WITH MAJOR PROBLEMS
390 NEONATE WITH OTHER SIGNIFICANT PROBLEMS
391 NORMAL NEWBORN
392 SPLENECTOMY AGE >17
393 SPLENECTOMY AGE 0-17
394 OTHER OPERATING ROOM PROCEDURES OF THE BLOOD AND BLOOD FORMING ORGANS
395 RED BLOOD CELL DISORDERS AGE >17
396 RED BLOOD CELL DISORDERS AGE 0-17
397 COAGULATION DISORDERS
398 RETICULOENDOTHELIAL & IMMUNITY DISORDERS WITH COMPLICATIONS, COMORBIDITIES
399 RETICULOENDOTHELIAL & IMMUNITY DISORDERS WITHOUT COMPLICATIONS, COMORBIDITIES
400 LYMPHOMA & LEUKEMIA WITH MAJOR OPERATING ROOM PROCEDURE
401 LYMPHOMA & NON-ACUTE LEUKEMIA WITH OTHER OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
402 LYMPHOMA & NON-ACUTE LEUKEMIA WITH OTHER OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
403 LYMPHOMA & NON-ACUTE LEUKEMIA WITH COMPLICATIONS, COMORBIDITIES
404 LYMPHOMA & NON-ACUTE LEUKEMIA WITHOUT COMPLICATIONS, COMORBIDITIES
405 ACUTE LEUKEMIA WITHOUT MAJOR OPERATING ROOM PROCEDURE AGE 0-17
406 MYELOPROLIFERATIVE DISORDER OR POORLY DIFFUSED NEOPLASMS WITH MAJOR OPERATING ROOM PROCEDURES WITH COMPLICATIONS, COMORBIDITIES
407 MYELOPROLIFERATIVE DISORDER OR POORLY DIFFUSED NEOPLASMS WITH MAJOR OPERATING ROOM PROCEDURES WITHOUT COMPLICATIONS, COMORBIDITIES
408 MYELOPROLIFERATIVE DISORDER OR POORLY DIFFUSED NEOPLASMS WITH OTHER OPERATING ROOM PROCEDURES
409 RADIOTHERAPY

Diagnosis Related Group (DRG)

410 CHEMOTHERAPY WITHOUT ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
411 HISTORY OF MALIGNANCY WITHOUT ENDOSCOPY
412 HISTORY OF MALIGNANCY WITH ENDOSCOPY
413 OTHER MYELOPROLIFERATIVE DISEASES OR POORLY DIFFUSED NEOPLASM DIAGNOSES WITH COMPLICATIONS, COMORBIDITIES
414 OTHER MYELOPROLIFERATIVE DISEASES OR POORLY DIFFUSED NEOPLASM DIAGNOSES WITHOUT COMPLICATIONS, COMORBIDITIES
415 OPERATING ROOM PROCEDURE FOR INFECTIOUS & PARASITIC DISEASES
416 SEPTICEMIA AGE >17
417 SEPTICEMIA AGE 0-17
418 POSTOPERATIVE & POST-TRAUMATIC INFECTIONS
419 FEVER OF UNKNOWN ORIGIN AGE >17 WITH COMPLICATIONS, COMORBIDITIES
420 FEVER OF UNKNOWN ORIGIN AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
421 VIRAL ILLNESS AGE >17
422 VIRAL ILLNESS & FEVER OF UNKNOWN ORIGIN AGE 0-17
423 OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES
424 OPERATING ROOM PROCEDURE WITH PRINCIPAL DIAGNOSES OF MENTAL ILLNESS
425* ACUTE ADJUSTMENT REACTIONS & DISTURBANCES OF PSYCHOSOCIAL DYSFUNCTION (prior to 10/01/99)
425* ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION (beginning 10/01/99)
426 DEPRESSIVE NEUROSES
427 NEUROSES EXCEPT DEPRESSIVE
428 DISORDERS OF PERSONALITY & IMPULSE CONTROL
429 ORGANIC DISTURBANCES & MENTAL RETARDATION
430 PSYCHOSES
431 CHILDHOOD MENTAL DISORDERS
432 OTHER MENTAL DISORDER DIAGNOSES
433 ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE
434* ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOM TREATMENT WITH COMPLICATIONS, COMORBIDITIES (prior to 10-1-01; no “434" beginning 10-1-01 when DRGs 521-523 were added)
435* ALCOHOL/DRUG ABUSE OR DEPENDENCE, DETOXIFICATION OR OTHER SYMPTOM TREATMENT WITHOUT COMPLICATIONS, COMORBIDITIES (prior to 10-1-01; no “435" beginning 10-1-01 when DRGs 521-523 were added)
436* ALCOHOL/DRUG DEPENDENCE WITH REHABILITATION THERAPY (prior to 10-1-01; no “436" beginning 10-1-01 when DRGs 521-523 were added)
437* ALCOHOL/DRUG DEPENDENCE, COMBINED REHABILITATION & DETOXIFICATION THERAPY (prior to 10-1-01; no “437" beginning 10-1-01 when DRGs 521-523 were added)
439 SKIN GRAFTS FOR INJURIES
440 WOUND DEBRIDEMENTS FOR INJURIES
441 HAND PROCEDURES FOR INJURIES
442 OTHER OPERATING ROOM PROCEDURES FOR INJURIES WITH COMPLICATIONS, COMORBIDITIES
443 OTHER OPERATING ROOM PROCEDURES FOR INJURIES WITHOUT COMPLICATIONS, COMORBIDITIES
444 TRAUMATIC INJURY AGE >17 WITH COMPLICATIONS, COMORBIDITIES
445 TRAUMATIC INJURY AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
446 TRAUMATIC INJURY AGE 0-17
447 ALLERGIC REACTIONS AGE >17
448 ALLERGIC REACTIONS AGE 0-17
449 POISONING & TOXIC EFFECTS OF DRUGS AGE >17 WITH COMPLICATIONS, COMORBIDITIES
450 POISONING & TOXIC EFFECTS OF DRUGS AGE >17 WITHOUT COMPLICATIONS, COMORBIDITIES
451 POISONING & TOXIC EFFECTS OF DRUGS AGE 0-17
452 COMPLICATIONS OF TREATMENT WITH COMPLICATIONS, COMORBIDITIES
453 COMPLICATIONS OF TREATMENT WITHOUT COMPLICATIONS, COMORBIDITIES
454 OTHER INJURY, POISONING & TOXIC EFFECT DIAGNOSES WITH COMPLICATIONS, COMORBIDITIES
455 OTHER INJURY, POISONING & TOXIC EFFECT DIAGNOSES WITHOUT COMPLICATIONS, COMORBIDITIES
456* BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY (prior to 10-1-98; no “456" beginning 10-1-98 when DRGs 504-511 were added)
457* EXTENSIVE BURNS WITHOUT OPERATING ROOM PROCEDURE (prior to 10-1-98; no “457" beginning 10-1-98 when DRGs 504-511 were added)
458* NON-EXTENSIVE BURNS WITH SKIN GRAFT (prior to 10-1-98; no

"458" beginning 10-1-98 when DRGs 504-511 were added)
459* NON-EXTENSIVE BURNS WITH WOUND DEBRIDEMENT OR OTHER OPERATING ROOM PROCEDURE (prior to 10-1-98; no "459" beginning 10-1-98 when DRGs 504-511 were added)
460* NON-EXTENSIVE BURNS WITHOUT OPERATING ROOM PROCEDURE (prior to 10-1-98; no "460" beginning 10-1-98 when DRGs 504-511 were added)
461 OPERATING ROOM PROCEDURE WITH DIAGNOSES OF OTHER CONTACT WITH HEALTH SERVICES
462 REHABILITATION
463 SIGNS & SYMPTOMS WITH COMPLICATIONS, COMORBIDITIES
464 SIGNS & SYMPTOMS WITHOUT COMPLICATIONS, COMORBIDITIES
465 AFTERCARE WITH HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS
466 AFTERCARE WITHOUT HISTORY OF MALIGNANCY AS SECONDARY DIAGNOSIS
467 OTHER FACTORS INFLUENCING HEALTH STATUS
468 EXTENSIVE OPERATING ROOM PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
469 PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS
470 UNGROUPABLE
471 BILATERAL OR MULTIPLE MAJOR JOINT PROCEDURES OF LOWER EXTREMITY
472* EXTENSIVE BURNS WITH OPERATING ROOM PROCEDURE (prior to 10-1-98; no "472" beginning 10-1-98 when DRGs 504-511 were added)
473 ACUTE LEUKEMIA WITHOUT MAJOR OPERATING ROOM PROCEDURE AGE >17
475 RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT
476 PROSTATIC OPERATING ROOM PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
477 NON-EXTENSIVE OPERATING ROOM PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
478 OTHER VASCULAR PROCEDURES WITH COMPLICATIONS, CORMORBIDITIES
479 OTHER VASCULAR PROCEDURES WITHOUT COMPLICATIONS, CORMORBIDITIES
480 LIVER TRANSPLANT
481 BONE MARROW TRANSPLANT
482 TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES
483* TRACHEOSTOMY EXCEPT FOR FACE, MOUTH, & NECK DIAGNOSES (prior to 10-1-02)
483* TRACHEOSTOMY WITH MECHANICAL VENTILATION 96+ HOURS OR PRINCIPAL DIAGNOSIS EXCEPT FACE, MOUTH, & NECK (beginning 10-1-02)
484 CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA
485 LIMB REATTACHMENT, HIP AND FEMUR PROCEDURE FOR MULTIPLE SIGNIFICANT TRAUMA
486 OTHER OPERATING ROOM PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
487 OTHER MULTIPLE SIGNIFICANT TRAUMA
488 HIV WITH EXTENSIVE OPERATING ROOM PROCEDURE
489 HIV WITH MAJOR RELATED CONDITION
490 HIV WITH OR WITHOUT OTHER RELATED CONDITION
491 MAJOR JOINT & LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY
492 CHEMOTHERAPY W/ ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS
493 LAPAROSCOPIC CHOLECYSTECTOMY WITHOUT COMMON DUCT EXPLORATION WITH COMPLICATIONS, COMORBIDITIES
494 LAPAROSCOPIC CHOLECYSTECTOMY WITHOUT COMMON DUCT EXPLORATION WITHOUT COMPLICATIONS, COMORBIDITIES
495 LUNG TRANSPLANT
496* COMBINED ANTERIOR/POSTERIOR SPINAL FUSION (added 10-1-97)
497* SPINAL FUSION WITH COMPLICATIONS AND COMORBIDITIES (between 10-1-97 and 10-1-01)
497* SPINAL FUSION EXCEPT CERVICAL WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
498* SPINAL FUSION WITHOUT COMPLICATIONS AND COMORBIDITIES (between 10-1-97 and 10-1-01)
498* SPINAL FUSION EXCEPT CERVICAL WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
499* BACK & NECK PROCEDURES EXCEPT SPINAL FUSION WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-97)
500* BACK & NECK PROCEDURES EXCEPT SPINAL FUSION WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-97)
501* KNEE PROCEDURES W PDX OF INFECTION WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-97)
502* KNEE PROCEDURES W PDX OF INFECTION WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-97)
503* KNEE PROCEDURES WITHOUT PDX OF INFECTION (added 10-1-97)
504* EXTENSIVE 3rd DEGREE BURNS WITH SKIN GRAFT (added 10-1-98)
505* EXTENSIVE 3rd DEGREE BURNS WITHOUT SKIN GRAFT (added 10-1-98)

Diagnosis Related Group (DRG)

506* FULL THICKNESS BURN WITH SKIN GRAFT OR INHAL INJ WITH CC OR SIGNIFICANT TRAUMA (added 10-1-98)
507* FULL THICKNESS BURN WITH SKIN GRAFT OR INHAL INJ WITHOUT CC OR SIGNIFICANT TRAUMA (added 10-1-98)
508* FULL THICKNESS BURN WITHOUT SKIN GRAFT OR INHAL INJ WITH CC OR SIGNIFICANT TRAUMA (added 10-1-98)
509* FULL THICKNESS BURN WITHOUT SKIN GRAFT OR INHAL INJ WITHOUT CC OR SIG TRAUMA (added 10-1-98)
510* NON-EXTENSIVE BURNS WITH CC OR SIGNIFICANT TRAUMA (added 10-1-98)
511* NON-EXTENSIVE BURNS WITHOUT CC OR SIGNIFICANT TRAUMA (added 10-1-98)
512* SIMULTANEOUS PANCREAS/KIDNEY TRANSPLANT (added 10-1-01)
513* PANCREAS TRANSPLANTS (added 10-1-01)
514* CARDIAC DEFIBRILLATOR IMPLANT WITH CARDIAC CATHETERIZATION (added 10-1-01)
515* CARDIAC DEFIBRILLATOR IMPLANT WITHOUT CARDIAC CATHETERIZATION (added 10-1-01)
516* PERCUTANEOUS CARDIOVASCULAR PROCEDURES WITH ACUTE MYOCARDIAL INFARCTION (added 10-1-01)
517* PERCUTANEOUS CARDIOVASCULAR PROCEDURES WITHOUT ACUTE MYOCARDIAL INFARCTION, WITH CORONARY ARTERY STENT IMPLANT (added 10-1-01)
518* PERCUTANEOUS CARDIOVASCULAR PROCEDURES WITHOUT ACUTE MYOCARDIAL INFARCTION, WITHOUT CORONARY ARTERY STENT IMPLANT (added 10-1-01)
519* CERVICAL SPINAL FUSION WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
520* CERVICAL SPINAL FUSION WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
521* ALCOHOL/DRUG ABUSE OR DEPENDENCE WITH COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
522* ALCOHOL/DRUG ABUSE OR DEPENDENCE WITH REHABILITATION THERAPY WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
523* ALCOHOL/DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITHOUT COMPLICATIONS AND COMORBIDITIES (added 10-1-01)
524* TRANSIENT ISCHEMIA (added 10-1-02)
525* HEART ASSIST SYSTEM IMPLANT (added 10-1-02)
526* PERCUTANEOUS CARDIOVASCULAR PROCEDURE WITH DRUG-ELUDING STENT WITH ACUTE MYOCARDIAL INFARCTION (added 04-1-03)
527* PERCUTANEOUS CARDIOVASCULAR PROCEDURE WITH DRUG-ELUDING STENT WITHOUT ACUTE MYOCARDIAL INFARCTION (added 04-1-03)

---

*Change made in DRG classification. Hospitals provided the Office of Health Care Statistics (OHCS) with ICD-9-CM codes, rather than DRGs, so there was no need for the hospitals to be aware of DRG changes. The DRG was assigned by OHCS using 3M software (reference given on page 3) which classified the hospital discharge into a DRG based on the ICD-9-CM codes and other data such as age. OHCS accounted for DRG changes by using the DRG definitions which applied to the date of hospital discharge.

Major Diagnosis Category (MDC)*

0 = Ungroupable
1 = Nervous System
2 = Eye
3 = Ear, Nose, Mouth & Throat
4 = Respiratory System
5 = Circulatory System
6 = Digestive System
7 = Hepatobiliary System & Pancreas
8 = Musculoskeletal System & Connective Tissue
9 = Skin, Subcutaneous Tissue & Breast
10 = Endocrine, Nutritional & Metabolic System
11 = Kidney & Urinary Tract
12 = Male Reproductive System
13 = Female Reproductive System
14 = Pregnancy, Childbirth & the Puerperium
15 = Newborn & Other Neonates (Perinatal Period)
16 = Blood and Blood-Forming Disorders
17 = Myeloproliferative DDs (Diff Neoplasms)
18 = Infectious and Parasitic DDs
19 = Mental Diseases and Disorders
20 = Alcohol/Drug Use or Induced Mental Disorders
21 = Injuries, Poisoning and Toxic Effect of Drugs
22 = Burns
23 = Factors Influencing Health Status
24 = Multiple Significant Trauma
25 = Human Immunodeficiency Virus Infection

* This is the traditional Health Care Financing Administration (HCFA) MDC.

Unlike the HCFA DRG which had slight modifications between 1992 and 2002, the MDC categories have remained the same.

Total Charge (see charge note below)

Total dollars and cents amount charged for the discharge (with 2 decimal digits).
. = Not reported

Facility Charge (see charge note below)

Sum of total dollars and cents amount charged from NUBC revenue codes 10x-94x for the discharge (with 2 decimal digits).
. = Not reported

Professional Charge (see charge note below)

Sum of total dollars and cents amount charged from NUBC revenue codes 95x-99x for the discharge (with 2 decimal digits).
. = Not reported

CHARGE NOTE: Total Charge is reported by hospitals. Facility and professional charges are calculated from individual revenue charges. Due to various reasons, e.g. adjusting total charges without making corresponding adjustment in specific revenue charge, the sum of facility and professional charges are not necessarily equal to total charges.

Admitting Physician's Specialty

A = Allergy
ABS = Abdominal surgery
ACD = Alcohol, chemical dependency
ADL = Adolescent medicine
ADM = Administrative medicine
AI = Allergy & immunology
AM = Aerospace medicine
AN = Anesthesiology
BLB = Blood bank pathology
CCM = Critical care medicine
CD = Cardiovascular diseases
CDS = Cardiovascular surgery
CHP = Child psychiatry
CLP = Clinical pathology
CMP = Chemical pathology
CNA = Cert. Registered nurse anesthetist
CNM = Certified nurse midwife
CPS/CSW = Clinical psychologist/clinical social worker
CPS = Clinical psychologist
CRS = Colon & rectal surgery
CSW = Clinical social worker
D = Dermatology
DDS = Dentist
DIA = Diabetes
DLI = Diagnostic lab immunology
DMP = Dermatopathology
DPM = Podiatrist
DO = Doctor of osteopathy
DR = Diagnostic radiology
EM = Emergency
END = Endocrinology

Admitting Physician's Specialty - continued

ENT = Otorhinolaryngology
F = Fellow
FNP = Family nurse practitioner
FOP = Forensic pathology
FP = Family practice
FP /P = Family practice/Psychiatry
FP/GS = Family practice/General surgery
FP/DDS = Family practice/Dentist
FPS = Facial plastic surgery
G = General
GE = Gastroenterology
GER = Geriatrics
GO = Gynecology/oncology
GP = General practice
GPM = General preventive medicine
GS = General surgery
GYN = Gynecology
HEM = Hematology
HMO = Hematology/oncology
HEM/OMC = Hematology/oncology
HS = Hand surgery
HNS = Head & neck surgery
HYP = Hypnosis
ID = Infectious diseases
IM = Internal medicine
IMU = Immunology
IP = Immunopathology
LM = Legal medicine
MFM = Maternal/fetal medicine
MFS = Maxillofacial surgery
MM = Medical microbiology
N = Neurology
NBI = Pediatrics
NEO = Neonatology
NEP = Nephrology
NM = Nuclear medicine
NNP = Neonatal nurse prac.
NP = Neuropathology
NPM = Neonatal/perinatal medicine
NR = Neuroradiology
NS = Neurological surgery
NTR = Nutrition
OBG = Obstetrics & gynecology
OBS = Obstetrics
OM = Occupational medicine
OMS = Oral & maxillofacial surgery
OMC = Oncology
ONS = Oncology surgery
ONC = Oncology
OPH = Ophthalmology
ORS = Orthopedic surgery
OT = Otology
OTO = Otorhinolaryngology
P = Psychiatry

Admitting Physician's Specialty - continued

PA = Clinical pharmacology
PAC = Certified physician asst
PAN = Pediatric abuse & neglect
PD = Pediatrics
PDA = Pediatric allergy
PDC = Pediatric cardiology
PDE = Pediatric endocrinology
PDG = Pediatric gastroenterology
PDI = Pediatric immunology
PDN = Pediatric neurology
PD/NEO = Pediatric neonatology
PDP = Pediatric pulmonology
PDR = Pediatric radiology
PDS = Pediatric surgery
PDU = Pediatric urology
PDY = Pediatric respiratory
PER = Perinatology
PEM = Pediatric emergency medicine
PH = Public health
PHO = Pediatric/Hematology/oncology
PM = Physical medicine & rehabilitation
PNP = Pediatric nephrology
POD = Podiatrist
PRO = Proctologist
PS = Plastic surgery
PSF = Facial plastic surgery
PUD = Pulmonary disease
PTH = Pathology
PV = Peripheral Vascular
PYA = Psychoanalysis
R = Radiology
RD = Respiratory disease
RDT = Radiation Therapy
REN = Reproductive endocrinology
RES = Resident
RES/CSW = Resident/clinic social worker
RET = Retired
RHU = Rheumatology
RIP = Radiosotopic pathology
RSH = Research
RON = Radiation oncology
SH = Student health
SM = Sports medicine
SGO = Surgery, other (list specialty)
SGO/N = Surgery, other (neurology)
SGO/01 = Surgery, other (neurosurgeon)
TR = Therapeutic radiology
TS = Thoracic surgery
U = Urology
US = Urological surgery
VS = Vascular surgery
UNK = Unknown
MD = Encrypted (confidential data)
Blank = Not reported

Attending Physician's Specialty

Descriptions are the same as admitting physician's specialty.

Other Consulting Physician's Specialty

Descriptions are the same as admitting physician's specialty.

Surgeon's Specialty

Descriptions are the same as admitting physician's specialty.

Primary Payer Category

01 = Medicare
02 = Medicaid
03 = Other government
04 = Blue Cross/Blue Shield
05 = Other commercial
06 = Managed care
07 = Self pay
08 = Industrial and worker’s compensation
09 = Charity/Unclassified
10 = Unknown
13 = CHIP(Children’s Health Insurance Plan)
99 = Not reported

Secondary Payer Category and **Third Payer Category**

Descriptions are the same as first payer category.

Patient's Relationship to the First Insured Person

1 = Patient is the named insured
2 = Spouse
3 = Natural Child/insured financial responsibility
4 = Natural Child/insured does not have financial responsibility
5 = Step Child
6 = Foster Child
7 = Ward of the Court (Patient is ward of the insured as a result of a court order.)
8 = Employee (The patient is employed by the named insured.)
9 = Unknown
10 = Handicapped Dependent (Dependent child whose coverage extends beyond normal termination age limits as a result of laws or agreements extending coverage.)
11 = Organ Donor (Code is used in cases where bill is submitted for care given to organ donor where such care is paid by the receiving patient's insurance coverage.)
12 = Cadaver Donor (Code is used where bill is submitted for procedures performed on cadaver donor where such procedures are paid by the receiving patient's insurance coverage.)
13 = Grandchild
14 = Niece or Nephew
15 = Injured Plaintiff (Patient is claiming insurance as a result of injury covered by insured.)
16 = Sponsored Dependent (Individual not normally covered by insurance coverage but coverage has been specially arranged to include relationships such as grandparent or former spouse that would require further investigation by the payer.)
17 = Minor Dependent of a Minor Dependent (Code is used where patient is a minor and a dependent of another minor who in turn is a dependent, although not a child, of the insured.)
18 = Parent
19 = Grandparent
20 = Life Partner
blank = Not reported

Outlier, Facility Charge

0 = No
1 = Yes

NOTE: A charge is an outlier if it is above 2.5 standard deviations from the mean of facility charges. Means and standard deviations are APR-DRG specific and calculated at the state level for a calendar year.

Outlier, Length of Stay

0 = No
1 = Yes

NOTE: A length of stay is an outlier if it is above 2.5 standard deviations from the mean of length of stay. Means and standard deviations are APR-DRG specific and calculated at the state level for a calendar year.

Patient Severity Subclass Value

0 = No value assigned (record is ungroupable into a APR-DRG)
1 = Minor complication or co-morbidity
2 = Moderate complication or co-morbidity
3 = Major complication or co-morbidity
4 = Extreme complication or co-morbidity

Note: Patient severity subclass value should be used as a subcategory of the APR-DRG.

Discharge Quarter

1 = First Quarter (January 1 to March 31)
2 = Second Quarter (April 1 to June 30)
3 = Third Quarter (July 1 to September 30)
4 = Fourth Quarter (October 1 to December 31)

Record ID Number

A unique number for each discharge, which is also unique across all years that inpatient discharge data are available.

E-code

Supplementary classification of External Causes of Injury and Poisoning. Refer to *International Classification of Diseases (9th Revision): Clinical Modification* for description.

There is an "implied" decimal point between the 3rd and 4th digit (decimal point is part of ICD-9-CM E-code but has been stripped out of data).

Blank = Not reported

The ICD-9-CM E-codes can be looked up on the internet at Yaki Technologies' website "www.eicd.com/eicdmain.htm".

Secondary E-codes can be found in data file in the Secondary Diagnosis Code fields.

APR-DRG

The original Health Care Financing Administration Diagnosis Related Groups (HCFA-DRG,or just DRG)(page 18) was developed to relate types of patients treated to the resources they consumed (resource intensity). Whereas the HCFA-DRG was developed to classify Medicare beneficiaries, the All Patient Refined Diagnosis Related Groups (APR-DRG) is expanded to be more representative of diverse patient populations, such as pediatric patients. Also, the APR-DRG system provides for subclassifications, such as severity of illness and risk of mortality. The severity of illness subclassification is provided in the data file ("patient severity subclass value" on page 36). [source: *All Patient Refined Diagnosis Related Groups (APR-DRGs) Definition Manual*, version 12.0, Wallingford, CT, 3M Health Care, 1995, p. 1.]

Whereas the HCFA-DRG only changed slightly across the years, there are large differences between versions 12.0 and 15.0 of the APR-DRG. Version 12.0 became effective on 05/01/95, and it was applied retrospectively to earlier data as well. Version 15.0 became effective 04/01/98.

For the 1999 data and beyond, then, only version 15.0 of the APR-DRG was used. For 1998 data, both version 12.0 and 15.0 were used (v12.0 for first quarter 1998 and v15.0 for second through fourth quarters 1998). For 1992 through 1997, only version 12.0 was used.

As with the HCFA-DRG, the APR-DRG was assigned by the Office of Health Care Statistics using the 3M software, based on ICD-9-CM codes and other variables, such as age, provided by the hospitals.

All Patient Refined Diagnosis Related Group (APR-DRG)
Version 15.0 (2nd quarter 1998 through 2002)

001 Liver transplant
002 Heart &/or lung transplant
003 Bone marrow transplant
004 Tracheostomy except for face,mouth & neck diagnoses
005 Tracheostomy for face,mouth & neck diagnoses
020 Craniotomy for trauma
021 Craniotomy except for trauma
022 Ventricular shunt procedures
023 Spinal procedures
024 Extracranial vascular procedures
025 Nervous system proc for peripheral nerve disorders
026 Nervous syst proc for cranial nerv & oth nerv sys disord
040 Spinal disorders & injuries
041 Nervous system neoplasms
042 Degenerative nervous system disorders
043 Multiple sclerosis & cerebellar ataxia
044 Intracranial hemorrhage
045 Cva w infarct
046 Nonspecific cva & precerebral occlusion w/o infarct
047 Transient ischemia
048 Cranial & peripheral nerve disorders
049 Bacterial & tuberculous infections of nervous system
050 Non-bacterial infections of nervous system exc viral meningitis
051 Viral meningitis
052 Nontraumatic stupor & coma
053 Seizure
054 Migraine & other headaches
055 Head trauma w coma >1 hr or hemorrhage
056 Skull fracture & spec intracranial injury, coma <1 hr or no coma
057 Concussion,unspec intracranial injury, coma <1 hr or no coma
058 Other disorders of nervous system
070 Orbital procedures
071 Intraocular procedures except lens
072 Extraocular procedures except orbit
073 Lens procedures w or w/o vitrectomy
080 Acute major eye infections
081 Neurological eye disorders
082 Other disorders of the eye
090 Major larynx & tracheal procedures except tracheostomy
091 Other major head & neck procedures
092 Facial bone procedures except major head & neck
093 Sinus & mastoid procedures
094 Mouth procedures
095 Cleft lip & palate repair
096 Sialoadenectomy & salivary gland procedures
097 Tonsillectomy & adenoidectomy procedures

All Patient Refined Diagnosis Related Group (APR-DRG) Version 15.0 (2nd quarter 1998 through 2002)

098 Other ear, nose, mouth & throat procedures
110 Ear, nose, mouth & throat malignancy
111 Dysequilibrium
112 Epistaxis
113 Epiglottitis,otitis media,uri & laryngotracheitis
114 Dental & oral disease
115 Other ear, nose, mouth & throat diagnoses
120 Major respiratory procedures
121 Non-major respiratory procedures
122 Other respiratory system procedures
130 Respiratory system diagnosis w ventilator support 96+ hours
131 Cystic fibrosis
132 Bpd & oth chronic respiratory dis arising in perinatal period
133 Pulmonary edema & respiratory failure
134 Pulmonary embolism
135 Major chest trauma
136 Respiratory malignancy
137 Respiratory infections & inflammations
138 Rsv pneumonia & whooping cough
139 Simple pneumonia
140 Chronic obstructive pulmonary disease
141 Asthma & bronchiolitis
142 Interstitial lung disease
143 Pneumothorax & pleural effusion
144 Respiratory system signs, symptoms & other diagnoses
160 Major cardiothoracic repair of heart anomaly
161 Cardiac defibrillator implant
162 Cardiac valve procedures w cardiac catheterization
163 Cardiac valve procedures w/o cardiac catheterization
164 Coronary bypass w malfunctioning coronary bypass graft
165 Coronary bypass w/o malfunctioning coronary bypass w cardiac cath
166 Coronary bypass w/o malfunctioning coronary bypass w/o cardiac cath
167 Other cardiothoracic procedures
168 Major thoracic vascular procedures
169 Major abdominal vascular procedures
170 Permanent cardiac pacemaker implant w AMI,heart failure or shock
171 Perm cardiac pacemaker implant w/o AMI, heart failure or shock
172 Amputation for circ system disorder except upper limb & toe
173 Other vascular procedures
174 Percutaneous cardiovascular procedures w AMI
175 Percutaneous cardiovascular procedures w/o AMI
176 Cardiac pacemaker & defibrillator device replacement
177 Cardiac pacemaker & defibrillator revision except device replacement
178 Upper limb & toe amputation for circ system disorders
179 Vein ligation & stripping
180 Other circulatory system procedures
190 Circulatory disorders w AMI

All Patient Refined Diagnosis Related Group (APR-DRG)
Version 15.0 (2nd quarter 1998 through 2002)

191 Cardiac catheterization w circ disord exc ischemic heart disease
192 Cardiac catheterization for ischemic heart disease
193 Acute & subacute endocarditis
194 Heart failure
195 Deep vein thrombophlebitis
196 Cardiac arrest, unexplained
197 Peripheral & other vascular disorders
198 Atherosclerosis
199 Hypertension
200 Cardiac congenital & valvular disorders
201 Cardiac arrhythmia & conduction disorders
202 Angina pectoris
203 Chest pain
204 Syncope & collapse
205 Cardiomyopathy
206 Malfunction,reaction & comp of cardiac or vasc device or proc
207 Other circulatory system diagnoses
220 Major stomach, esophageal & duodenal procedures
221 Major small & large bowel procedures
222 Minor stomach, esophageal & duodenal procedures
223 Minor small & large bowel procedures
224 Peritoneal adhesiolysis
225 Appendectomy
226 Anal & stomal procedures
227 Hernia procedures except inguinal & femoral
228 Inguinal & femoral hernia procedures
229 Other digestive system procedures
240 Digestive malignancy
241 Peptic ulcer & gastritis
242 Major esophageal disorders
243 Other esophageal disorders
244 Diverticulitis & diverticulosis
245 Inflammatory bowel disease
246 G.I. vascular insufficiency
247 G.I. obstruction
248 Major G.I. bacterial infections
249 Nonbacterial gastroenteritis & abdominal pain
250 Other digestive system diagnoses
260 Pancreas, liver & shunt procedures
261 Major biliary tract procedures
262 Cholecystectomy except laparoscopic
263 Laparoscopic cholecystectomy
264 Other hepatobiliary & pancreas procedures
280 Cirrhosis & alcoholic hepatitis
281 Malignancy of hepatobiliary system & pancreas
282 Disorders of pancreas except malignancy
283 Disorders of liver except malig, cirrhosis or alcoholic hepatitis

All Patient Refined Diagnosis Related Group (APR-DRG)
Version 15.0 (2nd quarter 1998 through 2002)

284 Disorders of the biliary tract
300 Bilateral & multiple major joint procs of lower extremity
301 Major joint & limb reattach proc of lower extremity for trauma
302 Major joint & limb reattach proc of lower extrem exc for trauma
303 Dorsal & lumbar fusion proc for curvature of back
304 Dorsal & lumbar fusion proc except for curvature of back
305 Amputation for musculoskelet system & conn tissue disorders
306 Major joint & limb reattachment procedures of upper extremity
307 Cranial & facial bone reconstructive procedures
308 Hip & femur procedures except major joint for trauma
309 Hip & femur procedures except major joint for nontrauma
310 Back & neck procedures except dorsal & lumbar fusion
311 Skin graft & wnd debrid for open wnd,ms & conn tiss dis,exc hand
312 Skin grft & wnd debrid exc opn wnd,for ms & conn tis dis,exc hand
313 Knee & lower leg procedures except foot
314 Foot procedures
315 Shoulder, elbow & forearm procedures
316 Hand & wrist procedures
317 Soft tissue procedures
318 Removal of internal fixation device
319 Local excision of musculoskeletal system
320 Other musculoskeletel system & connective tissue procedures
340 Fractures of femur
341 Fracture of pelvis or dislocation of hip
342 Fracture or dislocation except femur & pelvis
343 Musculoskeletal & conn tiss malignancy & pathological fractures
344 Osteomyelitis
345 Septic arthritis
346 Connective tissue disorders
347 Medical back problems
348 Other bone diseases
349 Malfunction, reaction & comp of orthopedic device or procedure
350 Musculoskeletal signs,symptoms,sprains & minor inflammatory dis
351 Other musculoskeletal system & connective tissue diagnoses
360 Skin graft & wound debrid for skin ulcer & cellulitis
361 Skin graft & wound debrid exc for skin ulcer & cellulitis
362 Mastectomy procedures
363 Breast procedures except mastectomy
364 Other skin, subcutaneous tissue & breast procedures
380 Skin ulcers
381 Major skin disorders
382 Malignant breast disorders
383 Cellulitis
384 Trauma to the skin, subcutaneous tissue & breast
385 Other skin & breast disorders
400 Amputat of lower limb for endocrine, nutrit & metabolic disorders
401 Adrenal & pituitary procedures

All Patient Refined Diagnosis Related Group (APR-DRG)
Version 15.0 (2nd quarter 1998 through 2002)

402 Skin graft & wound debrid for endoc,nutrit & metab disorders
403 Procedures for obesity
404 Thyroid, parathyroid & thyroglossal procedures
405 Other endocrine, nutrititional & metabolic procedures
420 Diabetes
421 Nutritional & misc metabolic disorders
422 Hypovolemia & electrolyte disorders
423 Inborn errors of metabolism
424 Other endocrine disorders
440 Kidney transplant
441 Major bladder procedures
442 Kidney & urinary tract procedures for malignancy
443 Kidney & urinary tract procedures for nonmalignancy
444 Create, revise, remove renal access device
445 Minor bladder procedures
446 Urethral & transurethral procedures
447 Other kidney & urinary tract procedures
460 Renal failure
461 Kidney & urinary tract malignancy
462 Nephritis
463 Kidney & urinary tract infections
464 Urinary stones w esw lithotripsy
465 Urinary stones w/o esw lithotripsy
466 Malfunctions,reactions & comp of gu device,graft or transplant
467 Kidney & urinary tract signs & symptoms
468 Other kidney & urinary tract diagnoses
480 Major male pelvic procedures
481 Penis procedures
482 Transurethral prostatectomy
483 Testes procedures
484 Other male reproductive system procedures
500 Malignancy, male reproductive system
501 Male reproductive system diagnoses except malignancy
510 Pelvic evisceration, radical hysterectectomy & radical vulvectomy
511 Uterine & adnexa procedures for ovarian & adnexal malignancy
512 Uterine & adnexa procedures for non-ovarian & non-adnexal malig
513 Uterine & adnexa procedures for ca in situ & nonmalignancy
514 Female reproductive system reconstructive procedures
515 Vagina, cervix & vulva procedures
516 Laparoscopy & tubal interruption
517 D&C & conization
518 Other female reproductive system procedures
530 Female reproductive system malignancy
531 Female reproductive system infections
532 Menstrual & other female reproductive system disorders
540 Cesarean delivery
541 Vaginal delivery w sterilization &/or D&C

All Patient Refined Diagnosis Related Group (APR-DRG) Version 15.0 (2nd quarter 1998 through 2002)

542 Vaginal delivery w proc except sterilization &/or D&C
543 Postpartum & post abortion diagnoses w procedure
544 Abortion w D&C, aspiration curettage or hysterotomy
560 Vaginal delivery
561 Postpartum & post abortion diagnoses w/o procedure
562 Ectopic pregnancy
563 Threatened abortion
564 Abortion w/o D&C, aspiration curettage or hysterotomy
565 False labor
566 Other antepartum diagnoses
580 Neonate, transferred <5 days old, not born here
581 Neonate, transferred <5 days old, born here
582 Neonate, w organ transplant
583 Neonate, w ecmo
590 Neonate, birthwt <750g w major procedure
591 Neonate, birthwt <750g w/o major procedure
592 Neonate, birthwt 750g-999g w major procedure
593 Neonate, birthwt 750g-999g w/o major procedure
600 Neonate, birthwt 1000-1499g w major procedure
601 Neonate, birthwt 1000-1499g w major anom or hereditary condition
602 Neonate, birthwt 1000-1499g w respiratory distress syndrome
603 Other neonate, birthwt 1000-1499g
610 Neonate, birthwt 1500-2000g w major procedure
611 Neonate, birthwt 1500-2000g w major anom or hereditary condition
612 Neonate, birthwt 1500-2000g w respiratory distress syndrome
613 Neonate, birthwt 1500-2000g w congenital or perinatal infections
614 Other neonate, birthwt 1500-2000g
620 Neonate, birthwt 2000-2499g w major procedure
621 Neonate, birthwt 2000-2499g w major anom or hereditary condition
622 Neonate, birthwt 2000-2499g w respiratory distress syndrome
623 Neonate, birthwt 2000-2499g w congenital or perinatal infections
624 Neonate,bwt 2000-2499g not born here
625 Neonate, birthwt 2000-2499g, born here, w other signif condtn
626 Neonate, bwt 2000-2499g,born here, normal NB & NB w other prob
630 Neonate, birthwt >2499g w major cardiovasc procedure
631 Neonate, birthwt >2499g w other major procedure
632 Neonate, birthwt >2499g w other procedure
633 Neonate, birthwt >2499g w major anomaly or hereditary condition
634 Neonate, birthwt >2499g w respiratory distress syndrome
635 Neonate, birthwt >2499g w aspiration syndrome
636 Neonate, birthwt >2499g w congenital/perinatal infections
637 Neonate,bwt >2499g not born here, pdx other signif condition
638 Neonate, birthwt >2499g, not born here, pdx other problem
639 Neonate, birthwt >2499g, born here, w other signif condition
640 Neonate,bwt >2499g,born here, normal NB & NB w other prob
650 Splenectomy
651 Other procedures of blood & blood forming organs

All Patient Refined Diagnosis Related Group (APR-DRG)
Version 15.0 (2nd quarter 1998 through 2002)

660 Agranulocytosis & other neutropenia
661 Coagulation disorders
662 Sickle cell anemia crisis
663 Red blood cell disorders except sickle cell anemia crisis
664 Other disorders of blood & blood forming organs
680 Lymphoma & leukemia w major procedure
681 Lymphoma & leukemia w any other procedure
682 Myeloprolif disorder & poorly diff neopl w major procedure
683 Myeloprolif disorder & poorly diff neopl w any other procedure
690 Acute leukemia
691 Lymphoma & non-acute leukemia
692 Radiotherapy
693 Chemotherapy
694 Other myeloprolif disorders & poorly diff neoplasm diagnosis
710 Procedures for infectious & parasitic diseases
711 Procedures for postoperative & post traumatic infections
720 Septicemia
721 Postoperative & post-traumatic infections
722 Fever of unknown origin
723 Viral illness
724 Other infectious & parasitic diseases
740 Procedure w principal diagnoses of mental illness
750 Schizophrenia
751 Psychoses
752 Disorders of personality & impulse control
753 Bipolar disorders
754 Depression
755 Neuroses except depressive
756 Acute adjust react & disturbance of psychosocial dysfunction
757 Organic disturbances & mental retardation
758 Childhood mental disorders
759 Compulsive nutrition disorders
760 Other mental disorders
770 Drug & alcohol abuse or dependence, left against medical advice
771 Alcohol & drug dependence w combined rehab & detox therapy
772 Alcohol & drug dependence w rehabilitation therapy
773 Opioid abuse & dependence
774 Cocaine abuse & dependence
775 Alcohol abuse & dependence
776 Other drug abuse & dependence
790 Skin graft & wound debridement for injuries
791 Procedures for complications of treatment
792 Other procedures for injuries
810 Injuries to unspecified or multiple sites
811 Allergic reactions
812 Poisoning & toxic effects of drugs
813 Complications of treatment

All Patient Refined Diagnosis Related Group (APR-DRG) Version 15.0 (2nd quarter 1998 through 2002)

814 Child or adult maltreatment syndrome
815 Other injury, poisoning & toxic effect diagnoses
830 Burns, transferred to another acute care facility
831 Extensive burns w procedure
832 Nonextensive burns w skin graft
833 Nonextensive burns w wound debridement & other procedures
840 Burns w/o procedure
850 Procedure w diagnoses of other contact w health services
860 Rehabilitation
861 Signs & symptoms
862 Other factors influencing health status
870 Tracheostomy for hiv infections
871 Hiv w proc w multiple major hiv related infections
872 Hiv w procedure w major hiv related diagnosis
873 Hiv w procedure w/o major hiv related diagnosis
890 Hiv w multiple major hiv related infections
891 Hiv w maj hiv rel diag w mult maj or signif hiv rel diag
892 Hiv w maj hiv rel diag w/o mult maj or signif hiv rel diag
893 Hiv w significant hiv related diagnosis
894 Hiv w/o major or significant hiv related diagnosis
910 Craniotomy,spine,hip & major limb proc for multiple sig trauma
911 Other procedures for multiple significant trauma
930 Head, chest & lower limb diagnoses of multiple significant trauma
931 Other diagnoses of multiple significant trauma
950 Extensive procedure unrelated to principal diagnosis
951 Prostatic procedure unrelated to principal diagnosis
952 Nonextensive procedure unrelated to principal diagnosis
955 Principal diagnosis invalid as discharge diagnosis
956 Ungroupable

APR-DRGs v15.0 MAPPING AND DRG DESCRIPTIONS

This table lists the APR-MDC (although the "APR-MDC" is not available in the public-use data file), Type of APR-DRG (Procedural or Medical), the APR-DRG number under version 12.0, and the APR-DRG number used in the new version 15.0 of the APR-DRG Grouper.

If you cannot find the v12.0 APR-DRG that you are looking for in this table, check the table of Consolidated APR-DRGs immediately following this table.

APR-MDC	TYPE	v12 APR-DRG	v15 APR-DRG	DESCRIPTION
00	P	480	001	LIVER TRANSPLANT
00	P	484	002	HEART &/OR LUNG TRANSPLANT
00	P	481	003	BONE MARROW TRANSPLANT
00	P	483	004	TRACHEOSTOMY EXCEPT FOR FACE,MOUTH & NECK DIAGNOSES
00	P	482	005	TRACHEOSTOMY FOR FACE,MOUTH & NECK DIAGNOSES
00	P	468	950	EXTENSIVE PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
00	P	476	951	PROSTATIC PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
00	P	477	952	NONEXTENSIVE PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS
00	M	469	955	PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS
00	M	470	956	UNGROUPABLE
01	P	002	020	CRANIOTOMY FOR TRAUMA
01	P	001	021	CRANIOTOMY EXCEPT FOR TRAUMA
01	P	737	022	VENTRICULAR SHUNT PROCEDURES
01	P	004	023	SPINAL PROCEDURES
01	P	005	024	EXTRACRANIAL VASCULAR PROCEDURES
01	P	006	025	NERVOUS SYSTEM PROC FOR PERIPHERAL NERVE DISORDERS
01	P	007	026	NERVOUS SYST PROC FOR CRANIAL NERV & OTH NERV SYS DISORD
01	M	009	040	SPINAL DISORDERS & INJURIES
01	M	010	041	NERVOUS SYSTEM NEOPLASMS
01	M	012	042	DEGENERATIVE NERVOUS SYSTEM DISORDERS
01	M	013	043	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA
01	M	017	044	INTRACRANIAL HEMORRHAGE
01	M	014	045	CVA W INFARCT
01	M	015	046	NONSPECIFIC CVA & PRECEREBRAL OCCLUSION W/O INFARCT
01	M	026	047	TRANSIENT ISCHEMIA
01	M	018	048	CRANIAL & PERIPHERAL NERVE DISORDERS
01	M	019	049	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM
01	M	020	050	NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXC VIRAL MENINGITIS
01	M	021	051	VIRAL MENINGITIS
01	M	023	052	NONTRAUMATIC STUPOR & COMA
01	M	024	053	SEIZURE
01	M	025	054	MIGRAINE & OTHER HEADACHES
01	M	027	055	HEAD TRAUMA W COMA >1 HR OR HEMORRHAGE
01	M	028	056	SKULL FRACTURE & SPEC INTRACRANIAL INJURY, COMA <1 HR OR NO COMA
01	M	031	057	CONCUSSION,UNSPEC INTRACRANIAL INJURY, COMA <1 HR OR NO COMA
01	M	034	058	OTHER DISORDERS OF NERVOUS SYSTEM
02	P	037	070	ORBITAL PROCEDURES
02	P	036	071	INTRAOCULAR PROCEDURES EXCEPT LENS
02	P	040	072	EXTRAOCULAR PROCEDURES EXCEPT ORBIT
02	P	039	073	LENS PROCEDURES W OR W/O VITRECTOMY
02	M	044	080	ACUTE MAJOR EYE INFECTIONS
02	M	045	081	NEUROLOGICAL EYE DISORDERS
02	M	046	082	OTHER DISORDERS OF THE EYE
03	P	786	090	MAJOR LARYNX & TRACHEAL PROCEDURES EXCEPT TRACHEOSTOMY
03	P	049	091	OTHER MAJOR HEAD & NECK PROCEDURES

APR-MDC	TYPE	v12 APR-DRG	v15 APR-DRG	DESCRIPTION
03	P	054	092	FACIAL BONE PROCEDURES EXCEPT MAJOR HEAD & NECK
03	P	053	093	SINUS & MASTOID PROCEDURES
03	P	168	094	MOUTH PROCEDURES
03	P	052	095	CLEFT LIP & PALATE REPAIR
03	P	051	096	SIALOADENECTOMY & SALIVARY GLAND PROCEDURES
03	P	057	097	TONSILLECTOMY & ADENOIDECTOMY PROCEDURES
03	P	063	098	OTHER EAR, NOSE, MOUTH & THROAT PROCEDURES
03	M	064	110	EAR, NOSE, MOUTH & THROAT MALIGNANCY
03	M	065	111	DYSEQUILIBRIUM
03	M	066	112	EPISTAXIS
03	M	071	113	EPIGLOTTITIS,OTITIS MEDIA,URI & LARYNGOTRACHEITIS
03	M	185	114	DENTAL & ORAL DISEASE
03	M	072	115	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES
04	P	075	120	MAJOR RESPIRATORY PROCEDURES
04	P	077	121	NON-MAJOR RESPIRATORY PROCEDURES
04	P	076	122	OTHER RESPIRATORY SYSTEM PROCEDURES
04	M	475	130	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT 96+ HOURS
04	M	740	131	CYSTIC FIBROSIS
04	M	631	132	BPD & OTH CHRONIC RESPIRATORY DIS ARISING IN PERINATAL PERIOD
04	M	087	133	PULMONARY EDEMA & RESPIRATORY FAILURE
04	M	078	134	PULMONARY EMBOLISM
04	M	083	135	MAJOR CHEST TRAUMA
04	M	082	136	RESPIRATORY MALIGNANCY
04	M	079	137	RESPIRATORY INFECTIONS & INFLAMMATIONS
04	M	090	138	RSV PNEUMONIA & WHOOPING COUGH
04	M	089	139	SIMPLE PNEUMONIA
04	M	088	140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE
04	M	096	141	ASTHMA & BRONCHIOLITIS
04	M	092	142	INTERSTITIAL LUNG DISEASE
04	M	094	143	PNEUMOTHORAX & PLEURAL EFFUSION
04	M	101	144	RESPIRATORY SYSTEM SIGNS, SYMPTOMS & OTHER DIAGNOSES
05	P	108	160	MAJOR CARDIOTHORACIC REPAIR OF HEART ANOMALY
05	P	103	161	CARDIAC DEFIBRILLATOR IMPLANT
05	P	104	162	CARDIAC VALVE PROCEDURES W CARDIAC CATHETERIZATION
05	P	105	163	CARDIAC VALVE PROCEDURES W/O CARDIAC CATHETERIZATION
05	P	131	164	CORONARY BYPASS W MALFUNCTIONING CORONARY BYPASS GRAFT
05	P	106	165	CORONARY BYPASS W/O MALFUNCTIONING CORONARY BYPASS W CARDIAC CATH
05	P	107	166	CORONARY BYPASS W/O MALFUNCTIONING CORONARY BYPASS W/O CARDIAC CATH
05	P	109	167	OTHER CARDIOTHORACIC PROCEDURES
05	P	110	168	MAJOR THORACIC VASCULAR PROCEDURES
05	P	133	169	MAJOR ABDOMINAL VASCULAR PROCEDURES
05	P	115	170	PERMANENT CARDIAC PACEMAKER IMPLANT W AMI,HEART FAILURE OR SHOCK
05	P	116	171	PERM CARDIAC PACEMAKER IMPLANT W/O AMI, HEART FAILURE OR SHOCK
05	P	113	172	AMPUTATION FOR CIRC SYSTEM DISORDER EXCEPT UPPER LIMB & TOE
05	P	478	173	OTHER VASCULAR PROCEDURES
05	P	111	174	PERCUTANEOUS CARDIOVASCULAR PROCEDURES W AMI
05	P	112	175	PERCUTANEOUS CARDIOVASCULAR PROCEDURES W/O AMI
05	P	118	176	CARDIAC PACEMAKER & DEFIBRILLATOR DEVICE REPLACEMENT
05	P	117	177	CARDIAC PACEMAKER & DEFIBRILLATOR REVISION EXCEPT DEVICE REPLACEMENT
05	P	114	178	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS
05	P	119	179	VEIN LIGATION & STRIPPING
05	P	120	180	OTHER CIRCULATORY SYSTEM PROCEDURES
05	M	121	190	CIRCULATORY DISORDERS W AMI

APR-MDC	TYPE	v12 APR-DRG	v15 APR-DRG	DESCRIPTION
05	M	125	191	CARDIAC CATHETERIZATION W CIRC DISORD EXC ISCHEMIC HEART DISEASE
05	M	124	192	CARDIAC CATHETERIZATION FOR ISCHEMIC HEART DISEASE
05	M	126	193	ACUTE & SUBACUTE ENDOCARDITIS
05	M	127	194	HEART FAILURE
05	M	128	195	DEEP VEIN THROMBOPHLEBITIS
05	M	129	196	CARDIAC ARREST, UNEXPLAINED
05	M	130	197	PERIPHERAL & OTHER VASCULAR DISORDERS
05	M	132	198	ATHEROSCLEROSIS
05	M	134	199	HYPERTENSION
05	M	135	200	CARDIAC CONGENITAL & VALVULAR DISORDERS
05	M	138	201	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS
05	M	140	202	ANGINA PECTORIS
05	M	143	203	CHEST PAIN
05	M	141	204	SYNCOPE & COLLAPSE
05	M	145	205	CARDIOMYOPATHY
05	M	142	206	MALFUNCTION,REACTION & COMP OF CARDIAC OR VASC DEVICE OR PROC
05	M	144	207	OTHER CIRCULATORY SYSTEM DIAGNOSES
06	P	154	220	MAJOR STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES
06	P	146	221	MAJOR SMALL & LARGE BOWEL PROCEDURES
06	P	155	222	MINOR STOMACH, ESOPHAGEAL & DUODENAL PROCEDURES
06	P	152	223	MINOR SMALL & LARGE BOWEL PROCEDURES
06	P	150	224	PERITONEAL ADHESIOLYSIS
06	P	164	225	APPENDECTOMY
06	P	157	226	ANAL & STOMAL PROCEDURES
06	P	159	227	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL
06	P	161	228	INGUINAL & FEMORAL HERNIA PROCEDURES
06	P	170	229	OTHER DIGESTIVE SYSTEM PROCEDURES
06	M	172	240	DIGESTIVE MALIGNANCY
06	M	176	241	PEPTIC ULCER & GASTRITIS
06	M	184	242	MAJOR ESOPHAGEAL DISORDERS
06	M	189	243	OTHER ESOPHAGEAL DISORDERS
06	M	177	244	DIVERTICULITIS & DIVERTICULOSIS
06	M	179	245	INFLAMMATORY BOWEL DISEASE
06	M	183	246	G.I. VASCULAR INSUFFICIENCY
06	M	180	247	G.I. OBSTRUCTION
06	M	178	248	MAJOR G.I. BACTERIAL INFECTIONS
06	M	182	249	NONBACTERIAL GASTROENTERITIS & ABDOMINAL PAIN
06	M	188	250	OTHER DIGESTIVE SYSTEM DIAGNOSES
07	P	191	260	PANCREAS, LIVER & SHUNT PROCEDURES
07	P	193	261	MAJOR BILIARY TRACT PROCEDURES
07	P	197	262	CHOLECYSTECTOMY EXCEPT LAPAROSCOPIC
07	P	787	263	LAPAROSCOPIC CHOLECYSTECTOMY
07	P	199	264	OTHER HEPATOBILIARY & PANCREAS PROCEDURES
07	M	202	280	CIRRHOSIS & ALCOHOLIC HEPATITIS
07	M	203	281	MALIGNANCY OF HEPATOBILIARY SYSTEM & PANCREAS
07	M	204	282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY
07	M	205	283	DISORDERS OF LIVER EXCEPT MALIG, CIRRHOSIS OR ALCOHOLIC HEPATITIS
07	M	207	284	DISORDERS OF THE BILIARY TRACT
08	P	471	300	BILATERAL & MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY
08	P	209	301	MAJOR JOINT & LIMB REATTACH PROC OF LOWER EXTREMITY FOR TRAUMA
08	P	212	302	MAJOR JOINT & LIMB REATTACH PROC OF LOWER EXTREM EXC FOR TRAUMA
08	P	755	303	DORSAL & LUMBAR FUSION PROC FOR CURVATURE OF BACK
08	P	756	304	DORSAL & LUMBAR FUSION PROC EXCEPT FOR CURVATURE OF BACK
08	P	213	305	AMPUTATION FOR MUSCULOSKELET SYSTEM & CONN TISSUE DISORDERS
08	P	491	306	MAJOR JOINT & LIMB REATTACHMENT PROCEDURES OF UPPER EXTREMITY
08	P	227	307	CRANIAL & FACIAL BONE RECONSTRUCTIVE PROCEDURES
08	P	210	308	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT FOR TRAUMA

APR-MDC	TYPE	v12 APR-DRG	v15 APR-DRG	DESCRIPTION
08	P	211	309	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT FOR NONTRAUMA
08	P	757	310	BACK & NECK PROCEDURES EXCEPT DORSAL & LUMBAR FUSION
08	P	790	311	SKIN GRAFT & WND DEBRID FOR OPEN WND,MS & CONN TISS DIS,EXC HAND
08	P	217	312	SKIN GRFT & WND DEBRID EXC OPN WND,FOR MS & CONN TIS DIS,EXC HAND
08	P	218	313	KNEE & LOWER LEG PROCEDURES EXCEPT FOOT
08	P	225	314	FOOT PROCEDURES
08	P	223	315	SHOULDER, ELBOW & FOREARM PROCEDURES
08	P	228	316	HAND & WRIST PROCEDURES
08	P	226	317	SOFT TISSUE PROCEDURES
08	P	230	318	REMOVAL OF INTERNAL FIXATION DEVICE
08	P	231	319	LOCAL EXCISION OF MUSCULOSKELETAL SYSTEM
08	P	233	320	OTHER MUSCULOSKELETEL SYSTEM & CONNECTIVE TISSUE PROCEDURES
08	M	235	340	FRACTURES OF FEMUR
08	M	236	341	FRACTURE OF PELVIS OR DISLOCATION OF HIP
08	M	250	342	FRACTURE OR DISLOCATION EXCEPT FEMUR & PELVIS
08	M	239	343	MUSCULOSKELETAL & CONN TISS MALIGNANCY & PATHOLOGICAL
08	M	238	344	OSTEOMYELITIS
08	M	242	345	SEPTIC ARTHRITIS
08	M	240	346	CONNECTIVE TISSUE DISORDERS
08	M	243	347	MEDICAL BACK PROBLEMS
08	M	244	248	OTHER BONE DISEASES
08	M	251	349	MALFUNCTION, REACTION & COMP OF ORTHOPEDIC DEVICE OR PROCEDURE
08	M	247	350	MUSCULOSKELETAL SIGNS,SYMPTOMS,SPRAINS & MINOR INFLAMMATORY DIS
08	M	256	351	OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DIAGNOSES
09	P	263	360	SKIN GRAFT & WOUND DEBRID FOR SKIN ULCER & CELLULITIS
09	P	265	361	SKIN GRAFT & WOUND DEBRID EXC FOR SKIN ULCER & CELLULITIS
09	P	257	362	MASTECTOMY PROCEDURES
09	P	261	363	BREAST PROCEDURES EXCEPT MASTECTOMY
09	P	268	364	OTHER SKIN, SUBCUTANEOUS TISSUE & BREAST PROCEDURES
09	M	271	380	SKIN ULCERS
09	M	272	381	MAJOR SKIN DISORDERS
09	M	274	382	MALIGNANT BREAST DISORDERS
09	M	277	383	CELLULITIS
09	M	280	384	TRAUMA TO THE SKIN, SUBCUTANEOUS TISSUE & BREAST
09	M	283	385	OTHER SKIN & BREAST DISORDERS
10	P	285	400	AMPUTAT OF LOWER LIMB FOR ENDOCRINE, NUTRIT & METABOLIC DISORDERS
10	P	286	401	ADRENAL & PITUITARY PROCEDURES
10	P	287	402	SKIN GRAFT & WOUND DEBRID FOR ENDOC,NUTRIT & METAB DISORDERS
10	P	288	403	PROCEDURES FOR OBESITY
10	P	289	404	THYROID, PARATHYROID & THYROGLOSSAL PROCEDURES
10	P	292	405	OTHER ENDOCRINE, NUTRITITIONAL & METABOLIC PROCEDURES
10	M	294	420	DIABETES
10	M	296	421	NUTRITIONAL & MISC METABOLIC DISORDERS
10	M	295	422	HYPOVOLEMIA & ELECTROLYTE DISORDERS
10	M	299	423	INBORN ERRORS OF METABOLISM
10	M	300	424	OTHER ENDOCRINE DISORDERS
11	P	302	440	KIDNEY TRANSPLANT
11	P	307	441	MAJOR BLADDER PROCEDURES
11	P	303	442	KIDNEY & URINARY TRACT PROCEDURES FOR MALIGNANCY
11	P	304	443	KIDNEY & URINARY TRACT PROCEDURES FOR NONMALIGNANCY
11	P	305	444	CREATE, REVISE, REMOVE RENAL ACCESS DEVICE
11	P	308	445	MINOR BLADDER PROCEDURES
11	P	310	446	URETHRAL & TRANSURETHRAL PROCEDURES
11	P	315	447	OTHER KIDNEY & URINARY TRACT PROCEDURES
11	M	316	460	RENAL FAILURE

APR-MDC	TYPE	v12 APR-DRG	v15 APR-DRG	DESCRIPTION
11	M	318	461	KIDNEY & URINARY TRACT MALIGNANCY
11	M	329	462	NEPHRITIS
11	M	320	463	KIDNEY & URINARY TRACT INFECTIONS
11	M	323	464	URINARY STONES W ESW LITHOTRIPSY
11	M	324	465	URINARY STONES W/O ESW LITHOTRIPSY
11	M	330	466	MALFUNCTIONS,REACTIONS & COMP OF GU DEVICE,GRAFT OR TRANSPLANT
11	M	325	467	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS
11	M	331	468	OTHER KIDNEY & URINARY TRACT DIAGNOSES
12	P	334	480	MAJOR MALE PELVIC PROCEDURES
12	P	341	481	PENIS PROCEDURES
12	P	336	482	TRANSURETHRAL PROSTATECTOMY
12	P	338	483	TESTES PROCEDURES
12	P	344	484	OTHER MALE REPRODUCTIVE SYSTEM PROCEDURES
12	M	346	500	MALIGNANCY, MALE REPRODUCTIVE SYSTEM
12	M	352	501	MALE REPRODUCTIVE SYSTEM DIAGNOSES EXCEPT MALIGNANCY
13	P	353	510	PELVIC EVISCERATION, RADICAL HYSTERECTECTOMY & RADICAL VULVECTOMY
13	P	357	511	UTERINE & ADNEXA PROCEDURES FOR OVARIAN & ADNEXAL MALIGNANCY
13	P	354	512	UTERINE & ADNEXA PROCEDURES FOR NON-OVARIAN & NON-ADNEXAL MALIG
13	P	358	513	UTERINE & ADNEXA PROCEDURES FOR CA IN SITU & NONMALIGNANCY
13	P	356	514	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES
13	P	360	515	VAGINA, CERVIX & VULVA PROCEDURES
13	P	361	516	LAPAROSCOPY & TUBAL INTERRUPTION
13	P	363	517	D&C & CONIZATION
13	P	365	518	OTHER FEMALE REPRODUCTIVE SYSTEM PROCEDURES
13	M	366	530	FEMALE REPRODUCTIVE SYSTEM MALIGNANCY
13	M	368	531	FEMALE REPRODUCTIVE SYSTEM INFECTIONS
13	M	369	532	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS
14	P	370	540	CESAREAN DELIVERY
14	P	374	541	VAGINAL DELIVERY W STERILIZATION &/OR D&C
14	P	375	542	VAGINAL DELIVERY W PROC EXCEPT STERILIZATION &/OR D&C
14	P	377	543	POSTPARTUM & POST ABORTION DIAGNOSES W PROCEDURE
14	P	381	544	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY
14	M	372	560	VAGINAL DELIVERY
14	M	376	561	POSTPARTUM & POST ABORTION DIAGNOSES W/O PROCEDURE
14	M	378	562	ECTOPIC PREGNANCY
14	M	379	563	THREATENED ABORTION
14	M	380	564	ABORTION W/O D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY
14	M	382	565	FALSE LABOR
14	M	383	566	OTHER ANTEPARTUM DIAGNOSES
15	M	690	580	NEONATE, TRANSFERRED <5 DAYS OLD, NOT BORN HERE
15	M	691	581	NEONATE, TRANSFERRED <5 DAYS OLD, BORN HERE
15	P	602	582	NEONATE, W ORGAN TRANSPLANT
15	P	604	583	NEONATE, W ECMO
15	P	610	590	NEONATE, BIRTHWT <750G W MAJOR PROCEDURE
15	M	611	591	NEONATE, BIRTHWT <750G W/O MAJOR PROCEDURE
15	P	615	592	NEONATE, BIRTHWT 750G-999G W MAJOR PROCEDURE
15	M	616	593	NEONATE, BIRTHWT 750G-999G W/O MAJOR PROCEDURE
15	P	620	600	NEONATE, BIRTHWT 1000-1499G W MAJOR PROCEDURE
15	M	621	601	NEONATE, BIRTHWT 1000-1499G W MAJOR ANOM OR HEREDITARY CONDITION
15	M	622	602	NEONATE, BIRTHWT 1000-1499G W RESPIRATORY DISTRESS SYNDROME
15	M	623	603	OTHER NEONATE, BIRTHWT 1000-1499G
15	P	640	610	NEONATE, BIRTHWT 1500-2000G W MAJOR PROCEDURE
15	M	641	611	NEONATE, BIRTHWT 1500-2000G W MAJOR ANOM OR HEREDITARY CONDITION

APR-MDC	TYPE	v12 APR-DRG	v15 APR-DRG	DESCRIPTION
15	M	642	612	NEONATE, BIRTHWT 1500-2000G W RESPIRATORY DISTRESS SYNDROME
15	M	643	613	NEONATE, BIRTHWT 1500-2000G W CONGENITAL OR PERINATAL INFECTIONS
15	M	644	614	OTHER NEONATE, BIRTHWT 1500-2000G
15	P	650	620	NEONATE, BIRTHWT 2000-2499G W MAJOR PROCEDURE
15	M	651	621	NEONATE, BIRTHWT 2000-2499G W MAJOR ANOM OR HEREDITARY CONDITION
15	M	652	622	NEONATE, BIRTHWT 2000-2499G W RESPIRATORY DISTRESS SYNDROME
15	M	653	623	NEONATE, BIRTHWT 2000-2499G W CONGENITAL OR PERINATAL INFECTIONS
15	M	654	624	NEONATE,BWT 2000-2499G NOT BORN HERE
15	M	656	625	NEONATE, BIRTHWT 2000-2499G, BORN HERE, W OTHER SIGNIF CONDTN
15	M	657	626	NEONATE, BWT 2000-2499G,BORN HERE, NORMAL NB & NB W OTHER PROB
15	P	660	630	NEONATE, BIRTHWT >2499G W MAJOR CARDIOVASC PROCEDURE
15	P	662	631	NEONATE, BIRTHWT >2499G W OTHER MAJOR PROCEDURE
15	P	665	632	NEONATE, BIRTHWT >2499G W OTHER PROCEDURE
15	M	671	633	NEONATE, BIRTHWT >2499G W MAJOR ANOMALY OR HEREDITARY CONDITION
15	M	672	634	NEONATE, BIRTHWT >2499G W RESPIRATORY DISTRESS SYNDROME
15	M	673	635	NEONATE, BIRTHWT >2499G W ASPIRATION SYNDROME
15	M	674	636	NEONATE, BIRTHWT >2499G W CONGENITAL/PERINATAL INFECTIONS
15	M	675	637	NEONATE,BWT >2499G NOT BORN HERE, PDX OTHER SIGNIF CONDITION
15	M	676	638	NEONATE, BIRTHWT >2499G, NOT BORN HERE, PDX OTHER PROBLEM
15	M	677	639	NEONATE, BIRTHWT >2499G, BORN HERE, W OTHER SIGNIF CONDITION
15	M	678	640	NEONATE,BWT >2499G,BORN HERE, NORMAL NB & NB W OTHER PROB
16	P	392	650	SPLENECTOMY
16	P	394	651	OTHER PROCEDURES OF BLOOD & BLOOD FORMING ORGANS
16	M	393	660	AGRANULOCYTOSIS & OTHER NEUTROPENIA
16	M	397	661	COAGULATION DISORDERS
16	M	396	662	SICKLE CELL ANEMIA CRISIS
16	M	395	663	RED BLOOD CELL DISORDERS EXCEPT SICKLE CELL ANEMIA CRISIS
16	M	398	664	OTHER DISORDERS OF BLOOD & BLOOD FORMING ORGANS
17	P	400	680	LYMPHOMA & LEUKEMIA W MAJOR PROCEDURE
17	P	401	681	LYMPHOMA & LEUKEMIA W ANY OTHER PROCEDURE
17	P	406	682	MYELOPROLIF DISORDER & POORLY DIFF NEOPL W MAJOR PROCEDURE
17	P	408	683	MYELOPROLIF DISORDER & POORLY DIFF NEOPL W ANY OTHER PROCEDURE
17	M	405	690	ACUTE LEUKEMIA
17	M	403	691	LYMPHOMA & NON-ACUTE LEUKEMIA
17	M	409	692	RADIOTHERAPY
17	M	410	693	CHEMOTHERAPY
17	M	413	694	OTHER MYELOPROLIF DISORDERS & POORLY DIFF NEOPLASM DIAGNOSIS
18	P	415	710	PROCEDURES FOR INFECTIOUS & PARASITIC DISEASES
18	P	417	711	PROCEDURES FOR POSTOPERATIVE & POST TRAUMATIC INFECTIONS
18	M	416	720	SEPTICEMIA
18	M	418	721	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS
18	M	419	722	FEVER OF UNKNOWN ORIGIN
18	M	421	723	VIRAL ILLNESS
18	M	423	724	OTHER INFECTIOUS & PARASITIC DISEASES
19	P	424	740	PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL ILLNESS
19	M	433	750	SCHIZOPHRENIA
19	M	430	751	PSYCHOSES
19	M	428	752	DISORDERS OF PERSONALITY & IMPULSE CONTROL
19	M	434	753	BIPOLAR DISORDERS
19	M	426	754	DEPRESSION
19	M	427	755	NEUROSES EXCEPT DEPRESSIVE
19	M	425	756	ACUTE ADJUST REACT & DISTURBANCE OF PSYCHOSOCIAL DYSFUNCTION
19	M	429	757	ORGANIC DISTURBANCES & MENTAL RETARDATION
19	M	431	758	CHILDHOOD MENTAL DISORDERS
19	M	753	759	COMPULSIVE NUTRITION DISORDERS

APR-MDC	TYPE	v12 APR-DRG	v15 APR-DRG	DESCRIPTION
19	M	432	760	OTHER MENTAL DISORDERS
20	M	743	770	DRUG & ALCOHOL ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE
20	M	751	771	ALCOHOL & DRUG DEPENDENCE W COMBINED REHAB & DETOX THERAPY
20	M	749	772	ALCOHOL & DRUG DEPENDENCE W REHABILITATION THERAPY
20	M	744	773	OPIOID ABUSE & DEPENDENCE
20	M	747	774	COCAINE ABUSE & DEPENDENCE
20	M	750	775	ALCOHOL ABUSE & DEPENDENCE
20	M	748	776	OTHER DRUG ABUSE & DEPENDENCE
21	P	439	790	SKIN GRAFT & WOUND DEBRIDEMENT FOR INJURIES
21	P	443	791	PROCEDURES FOR COMPLICATIONS OF TREATMENT
21	P	442	792	OTHER PROCEDURES FOR INJURIES
21	M	444	810	INJURIES TO UNSPECIFIED OR MULTIPLE SITES
21	M	447	811	ALLERGIC REACTIONS
21	M	449	812	POISONING & TOXIC EFFECTS OF DRUGS
21	M	452	813	COMPLICATIONS OF TREATMENT
21	M	453	814	CHILD OR ADULT MALTREATMENT SYNDROME
21	M	454	815	OTHER INJURY, POISONING & TOXIC EFFECT DIAGNOSES
22	M	456	830	BURNS, TRANSFERRED TO ANOTHER ACUTE CARE FACILITY
22	P	472	831	EXTENSIVE BURNS W PROCEDURE
22	P	458	832	NONEXTENSIVE BURNS W SKIN GRAFT
22	P	459	833	NONEXTENSIVE BURNS W WOUND DEBRIDEMENT & OTHER PROCEDURES
22	M	460	840	BURNS W/O PROCEDURE
23	P	461	850	PROCEDURE W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES
23	M	462	860	REHABILITATION
23	M	463	861	SIGNS & SYMPTOMS
23	M	467	862	OTHER FACTORS INFLUENCING HEALTH STATUS
24	P	700	870	TRACHEOSTOMY FOR HIV INFECTIONS
24	P	701	871	HIV W PROC W MULTIPLE MAJOR HIV RELATED INFECTIONS
24	P	702	872	HIV W PROCEDURE W MAJOR HIV RELATED DIAGNOSIS
24	P	703	873	HIV W PROCEDURE W/O MAJOR HIV RELATED DIAGNOSIS
24	M	704	890	HIV W MULTIPLE MAJOR HIV RELATED INFECTIONS
24	M	705	891	HIV W MAJ HIV REL DIAG W MULT MAJ OR SIGNIF HIV REL DIAG
24	M	706	892	HIV W MAJ HIV REL DIAG W/O MULT MAJ OR SIGNIF HIV REL DIAG
24	M	707	893	HIV W SIGNIFICANT HIV RELATED DIAGNOSIS
24	M	708	894	HIV W/O MAJOR OR SIGNIFICANT HIV RELATED DIAGNOSIS
25	P	730	910	CRANIOTOMY,SPINE,HIP & MAJOR LIMB PROC FOR MULTIPLE SIG TRAUMA
25	P	732	911	OTHER PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA
25	M	733	930	HEAD, CHEST & LOWER LIMB DIAGNOSES OF MULTIPLE SIGNIFICANT TRAUMA
25	M	734	931	OTHER DIAGNOSES OF MULTIPLE SIGNIFICANT TRAUMA

CONSOLIDATED APR-DRGs

This table lists the APR-MDC, the old APR-DRG number, and the APR-DRG that it was combined with. Please note that all APR-DRG numbers are version 12.0.

APR-MDC	Old APR-DRG	Consolidated APR- DRG	DESCRIPTION
00	103	484	HEART AND/OR LUNG TRANSPLANT
01	022	023	NONTRAUMATIC STUPOR & COMA
02	042	036	INTRAOCULAR PROCEDURES EXCEPT LENS
03	056, 058	063	OTHER EAR, NOSE, MOUTH & THROAT PROCEDURES
03	067, 068	071	EPIGLOTTITIS,OTITIS MEDIA,URI & LARYNGOTRACHEITIS
03	073	072	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES
03	187	185	DENTAL & ORAL DISEASE
04	085	094	PNEUMOTHORAX
06	148	146	MAJOR SMALL & LARGE BOWEL PROCEDURES
07	201	199	OTHER HEPATOBILIARY OR PANCREAS PROCEDURES
08	216, 232	233	OTHER MUSCULOSKELETEL SYSTEM & CONN TISSUE PROC
08	224	223	SHOULDER, ELBOW OR FOREARM PROCEDURES
08	234	227	CRANIAL & FACIAL BONE RECONSTRUCTIVE PROCEDURES
08	229	228	HAND OR WRIST PROCEDURES
08	246	244	OTHER BONE DISEASES
08	248, 249	256	OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DIAGNOSES
09	262	261	BREAST PROCEDURES EXCEPT MASTECTOMY
09	267, 269	268	OTHER SKIN, SUBCUT TISSUE & BREAST PROCEDURES
09	276	283	OTHER SKIN & BREAST DISORDERS
11	312	310	URETHRAL & TRANSURETHRAL PROCEDURES
11	317, 328	331	OTHER KIDNEY & URINARY TRACT DIAGNOSES
12	339	338	TESTES PROCEDURES
12	345	344	OTHER MALE REPRODUCTIVE SYSTEM PROCEDURES
13	364	363	D&C & CONIZATION
15	603	604	NEONATES WITH ECMO
15	655	654	NEONATE BIRTHWT 2000-2499G NOT BORN HERE
15	661	662	NEONATE,BIRTHWT >2499G W MAJOR O.R. PROC
15	663, 664	665	NEONATE, BIRTHWT >2499G W OTHER O.R. PROC
15	670	671	NEONATE, BIRTHWT >2499G W MAJOR ANOM/HEREDITARY CONDITION
16	399	397	COAGULATION DISORDERS
21	440, 791	439	SKIN GRAFT OR WOUND DEBRIDEMENT FOR INJURIES
21	441	442	OTHER PROCEDURES FOR INJURIES
21	752	449	POISONING & TOXIC EFFECTS OF DRUGS
22	457	460	BURNS W/O O.R. PROCEDURE
23	465	467	OTHER FACTORS INFLUENCING HEALTH STATUS
25	731	730	CRANIOTOMY & SPINE HIP & MAJOR LIMB PROC FOR MULT SIGNIF TRAUMA

APPENDIX A

CASE-MIX INDEX

CASE-MIX INDEX

The case-mix indices were derived as follows:

1. Calculate relative weight for each APR-DRG i:

$$W_i = \frac{C_i}{C_s}$$

where
- i = APR-DRG i
- s = State level
- W_i = Relative weight for APR-DRG i
- C_i = Average charge for APR-DRG i
- C_s = Average charge for all patients

2. Calculate case-mix index for hospital j:

$$I_j = \frac{\sum_{i=1}^{1315} W_i N_{ij}}{N_j}$$

where:
- j = Hospital j
- I_j = Case-mix index for hospital j
- N_{ij} = Number of discharges for APR-DRG i and hospital j
- N_j = Total discharges for hospital j

In the calculation of the case-mix index, the following were excluded: outliers and discharges from specialty hospitals (psychiatric and substance abuse hospitals, rehabilitation hospitals, and surgical centers) as well as the VA hospital. That is, the case-mix index was calculated for all acute care hospitals except the VA hospital.

Case-mix Indices are not among the data elements in the public-use data file but are available upon request.

APPENDIX B

APR-DRG RESOURCE INTENSITY INDEX

APR-DRG RESOURCE INTENSITY INDEX

Hospital- and DRG-specific resource intensity indices were calculated as a measure of the overall complexity of a hospital's patient mix at the DRG level. The indices were calculated as follows:

$$W_{ik} = \frac{C_{ik}}{C_i}$$

$$S_{ij} = \frac{\sum_{k=0}^{4} N_{ijk} W_{ik}}{N_{ij}}$$

Where

W_{ik} = Charge-weight for severity level k of consolidated DRG i

C_{ik} = Average charges for consolidated DRG i, severity level k, all hospitals

C_i = Average charges for consolidated DRG i, all hospitals

S_{ij} =Severity index for consolidated DRG i and hospital j

N_{ijk} = Number of discharges for consolidated DRG i, hospital j, and severity level k

N_{ij} = Number of discharges for consolidated DRG i, hospital j

The severity score, k, is assigned by the 3M PC-Grouper software as part of the APR-DRG categorization. The severity score ranges from 1 (no CC or minor CC), to 4 (extreme CC). A consolidated DRG may be the same as a single DRG or a combination of DRGs. For example, DRG 002 (Craniotomy for trauma age >17) and DRG 003 (Craniotomy for trauma age 0-17) are combined into a consolidated DRG 002 (Craniotomy for trauma). The consolidated DRG, broken down into the four severity levels, comprise the APR-DRG.

A hospital APR-DRG resource intensity index of greater than 1 for a DRG means that the hospital had greater proportion of patients that required high resource use than patients that required less. Analyses not shown here reveal that total charges are not necessarily positively correlated with severity score within a DRG (e.g., for some DRGs, patients with severity score "2" had higher average charges than those with severity score "3"), nor is the relationship monotone (e.g., for some DRGs level '2' patients have lower average charges than both level '1' and level '3' patients). Therefore, a high index does not necessarily reflect relatively high proportion of "sicker" patients, only relatively high proportion of "high resource-use" patients. In most cases, both interpretations apply.

For DRGs (newborns and neonates) for which no severity score is assigned (k=0), the severity index is equal to 1.

APR-DRG Resource Intensity Indices are not among the data elements in the public-use data file but available upon request.

APPENDIX C

UTAH

HOSPITAL PROFILE

HOSPITAL CHARACTERISTICS: 2002

ID[1]	HOSPITAL NAME	OWN	AFFILIATION	TYPE[3]	COUNTY	CITY	U/R[4]	TEACH[5]	BEDS
111	Allen Memorial Hospital	G	Rural Hlth Mgmt Corp	Acute	Grand	Moab	R	N	38
118	Alta View Hospital	N	IHC, Inc.	Acute	Salt Lake	Sandy	U	N	80
136	American Fork Hospital	N	IHC, Inc.	Acute	Utah	American Fork	U	N	76
134	Ashley Valley Medical Center	I	LifePoint Hospitals, Inc.	Acute	Uintah	Vernal	R	N	39
104	Bear River Valley Hospital	N	IHC, Inc.	Acute	Box Elder	Tremonton	R	N	14
101	Beaver Valley Hospital	G	Freestanding	Acute	Beaver	Beaver	R	N	36
201	Benchmark Behavioral Hlth Systems North	I	Ramsay Hlth Care	SP/Psych	Davis	Woods Cross	U	N	77
207	Benchmark South Regional Hosp (closed)[6]	I	Ramsay Hlth Care	SP/Psych	Salt Lake	Midvale	U	N	80
103	Brigham City Community Hospital	I	MountainStar Hlthcare	Acute	Box Elder	Brigham City	R	N	49
145	Cache Valley Specialty Hospital	I	National Surg Hospital	SP/Surg	Cache	North Logan	R	N	22
106	Castleview Hospital	I	LifePoint Hospitals, Inc.	Acute	Carbon	Price	R	N	84
113	Central Valley Medical Center	N	Rural Hlth Mgmt Corp	Acute	Juab	Nephi	R	N	19
202	Charter Summit Hospital (closed)[6]	I	Charter	SP/Psych	Salt Lake	Salt Lake City	U	N	80
204	Copper Hills Youth Center[6] (Rivendale)	I	Child. Comp. Serv.	SP/Psych	Salt Lake	West Jordan	U	N	94
119	Cottonwood Hospital Medical Center	N	IHC, Inc.	Acute	Salt Lake	Murray	U	N	213
108	Davis Hospital and Medical Center	I	Iasis Health Care	Acute	Davis	Layton	U	N	126
116	Delta Community Medical Center	N	IHC, Inc.	Acute	Millard	Delta	R	N	20
140	Dixie Regional Medical Center	N	IHC, Inc.	Acute	Washington	St. George	R	N	137
115	Fillmore Community Medical Center	N	IHC, Inc.	Acute	Millard	Fillmore	R	N	20

ID[1]	HOSPITAL NAME	OWN	AFFILIATION	TYPE[3]	COUNTY	CITY	U/R[4]	TEACH[5]	BEDS
110	Garfield Memorial Hospital	N	IHC, Inc.	Acute	Garfield	Panguitch	R	N	44
129	Gunnison Valley Hospital	G	Rural Hlth Mgmt Corp	Acute	Sanpete	Gunnison	R	N	26
306	Healthsouth Rehab. of Utah	I	HealthSouth	SP/Rehab	Salt Lake	Sandy	U	Y	76
139	Heber Valley Medical Center[6]	N	IHC, Inc.	Acute	Wasatch	Heber	R	N	19
302	Highland Ridge Hospital	I	Am Intl Hlth Sys	SP/Psych	Salt Lake	Salt Lake City	U	N	32
304	Infinia Medical Center (closed)[6]	I	Infinia Hlth	SP/Surg	Salt Lake	Salt Lake City	U	Y	12
117	Jordan Valley Hospital	I	Iasis Health Care	Acute	Salt Lake	West Jordan	U	N	50
114	Kane County Hospital	G	Freestanding	Acute	Kane	Kanab	R	N	38
107	Lakeview Hospital	I	MountainStar Hlthcare	Acute	Davis	Bountiful	U	N	128
121	LDS Hospital	N	IHC, Inc.	Acute	Salt Lake	Salt Lake City	U	Y	520
105	Logan Regional Hospital	N	IHC, Inc.	Acute	Cache	Logan	R	N	147
141	McKay-Dee Hospital	N	IHC, Inc.	Acute	Weber	Ogden	U	Y	269
102	Milford Valley Memorial Hospital	G	Rural Hlth Mgmt Corp	Acute	Beaver	Milford	R	N	34
127	Monument Valley Adventist Hosp (closed)[6]	N	Seventh Day Adventists	Acute	San Juan	Monument Valley	R	N	20
137	Mountain View Hospital	I	MountainStar Hlthcare	Acute	Utah	Payson	U	N	116
133	Mountain West Medical Center [6]	G	Comm. Health Syst.	Acute	Tooele	Tooele	R	N	35
142	Ogden Regional Medical Center	I	MountainStar Hlthcare	Acute	Weber	Ogden	U	N	227
135	Orem Community Hospital	N	IHC, Inc.	Acute	Utah	Orem	U	N	20
126	Pioneer Valley Hospital	I	Iasis Health Care	Acute	Salt Lake	West Valley	U	Y	139
122	Primary Children's Medical Center	N	IHC, Inc.	Acute	Salt Lake	Salt Lake City	U	N	232
143	Rocky Mountain Medical Center (closed)[6]	I	Iasis Health Care	Acute	Salt Lake	Salt Lake City	U	N	125
120	Salt Lake Regional Medical Center	I	Iasis Health Care	Acute	Salt Lake	Salt Lake City	U	Y	168
308	Salt Lake Specialty Medical Center	I	Camelot Health Care	SP/Surg	Salt Lake	West Valley City	U	N	22

ID[1]	HOSPITAL NAME	OWN	AFFILIATION	TYPE[3]	COUNTY	CITY	U/R[4]	TEACH[5]	BEDS
128	San Juan Hospital	G	Managed	Acute	San Juan	Monticello	R	N	34
130	Sanpete Valley Hospital	N	IHC, Inc.	Acute	Sanpete	Mt. Pleasant	R	N	20
132	Sevier Valley Hospital	N	IHC, Inc.	Acute	Sevier	Richfield	R	N	42
203	Silverado Senior Living[6]	I	Silverado	SP/Psych	Salt Lake	Salt Lake City	U	N	136
301	South Davis Community Hospital	G	Freestanding	Acute	Davis	Bountiful	U	N	39
124	St. Mark's Hospital	I	MountainStar Hlthcare	Acute	Salt Lake	Salt Lake City	U	Y	294
307	The Orthopedic Specialty Hospital	I	Freestanding	SP/Surg	Salt Lake	Salt Lake City	U	N	14
144	Timpanogos Regional Hospital	I	MountainStar Hlthcare	Acute	Utah	Orem	U	N	47
109	Uintah Basin Medical Center	G	Freestanding	Acute	Duchesne	Roosevelt	R	N	42
125	University of Utah Hospital	G	Freestanding	Acute	Salt Lake	Salt Lake	U	Y	425
206	University of Utah Neuropsychiatric Institute	G	Freestanding	Acute	Salt Lake	Salt Lake	U	Y	90
209	Utah State Hospital (now exempt)	G	Freestanding	SP/Psych	Utah	Provo	U	N	384
138	Utah Valley Regional Medical Center	N	IHC, Inc.	Acute	Utah	Provo	U	N	395
112	Valley View Medical Center	N	IHC, Inc.	Acute	Iron	Cedar City	R	N	42
801	Veterans Administration Medical Center	G	Freestanding	Acute	Salt Lake	Salt Lake City	U	N	121
205	Wasatch Canyons Hospital (closed)[6]	N	IHC, Inc.	SP/Psych	Salt Lake	Sale Lake City	U	N	46

[1]Hospital identification number (unique identifier in data file–see page 10 for hospital list in numerical order).
[2]Owner: G=Government, I=Investor-Owned, N=Not for Profit.
[3]Hospital Type: Acute Care, Specialty/Surgical, Specialty/Psychiatric, Specialty/Rehabilitation.
[4]Urban or Rural hospital location.
[5]Teaching hospital (yes/no).

[6]Hospitals which have closed but submitted data in previous years:
Benchmark South Regional Hospital (closed–data through 4th quarter 1998)
Bonneville Health & Rehab. Center (closed–data through 3rd quarter 1999)
Reopened as Infinia Medical Center (closed 2nd quarter 2002)
Charter Summit Hospital (closed–data through 3rd quarter 1993)
Copper Hills Youth Center (currently not licenced as a hospital–data through 4th quarter 2001)
Monument Valley Adventist Hospital (closed–data through 4th quarter 1995)
Olympus View Hospital (currently Silverado Senior Living) (closed–data through 2nd quarter 1999)
PHC Regional Hospital (closed–data through 2nd quarter 1997)
Reopened as Rocky Mountain Hospital (closed–data from 2nd quarter 2000 to 2nd quarter 2001)
Tooele Valley Regional Medical Center (currently Mountain West Medical Center) (closed–data through 2001)

Utah State Hospital (now exempt from reporting–data through 4th quarter 1995)
Wasatch Canyons Hospital (closed–data through 3rd quarter 1995)
Wasatch County Hospital (currently Heber Valley Medical Center) (closed–data through 3rd quarter 1999)
– continued next page –

Note: The hospitals with addresses, phone numbers, and number of beds in the above list can be obtained as a “cut and paste” document from the website: “http://health.utah.gov/hda/usersupport.htm” and click on “List of data providers”

Further Hospital Information
Another source for a list of Utah hospitals is the Utah Department of Health website, “http://health.utah.gov/licensing” and click on “Licensing and Certifying”.