

Utah Healthcare Facility Database (HFD) Data user manual

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Revision history

Date	Description	Author(s)
November 2019	Initial draft	Petersen
February 2020	Minor edits	Petersen
March 2020	Minor edits	Petersen
March 2022	Fill rate table changes and edits to better reflect VRW	Scott

Introduction

The Utah Health Data Committee UHDC) is composed of 15 members appointed by the governor. UCHD was created by the Utah Health Data Authority Act of 1991. The committee is staffed by the Utah Department of Health and Human Services (DHHS) Office of Health Care Statistics which manages the Utah Healthcare Facility Database.

Utah Administrative Rule requires all Utah licensed hospitals, both general acute care and specialty, and free standing ambulatory surgical centers to provide data on inpatient, emergency department, and ambulatory surgery encounters. The Healthcare Facility Database contains information on patient demographics, admission and discharge, diagnoses, services received, and charges billed for each encounter.

Data submissions by the FASCs may be incomplete. Use caution when trying to perform market level comparisons with these data. Continuous efforts are made to further data completeness.

Starting in 2016, Huntsman Cancer Institute, Madsen Surgery Center, Moran Eye Center, and University Orthopedic Center are the only University of Utah Health sites reported individually; all other University Hospital and Clinics are reported as one facility (#125).



Limited use data sets

Limited use data sets are available for inpatient, emergency department, and ambulatory surgery encounters. The limited use data sets are designed to provide general health care information to a wide spectrum of users with minimal controls.

The limited use data sets include data on procedures, charges, and length of stay. Several factors, such as case-mix, severity complexity, payer-mix, market areas, hospital ownership, hospital affiliation, or hospital teaching status, affect the comparability of charge and length of stay across hospitals. Any analysis of charge or length of stay at the hospital level should consider the above factors. More information about hospitals can be found in the Health Facility Licensing website.



Data processing and quality

Data submission

The DHHS Office of Health Care Statistics maintains and publishes the Utah Healthcare Facility Data submission guide on its website. Data suppliers submit all files using specifications in the data submission guide.

System edits

The data are validated through a process of automated editing and report verification. Each record is subjected to a series of edits to check for validity, consistency, completeness, and conformity with the definitions specified in the Utah Healthcare facility data submission guide. Files that fail edit checks are required to be resubmitted by the data supplier for correction.

Hospital review

Each hospital is given an opportunity to review and validate findings of the edit checks and any public report prior to the release of data or information. Inconsistencies discovered by the facilities are reevaluated or corrected. See Utah Statute 26-33a-107

Missing values

When dealing with unknown values, it is important to distinguish between systematic omission by the facility (for facilities that were granted reporting exemption for particular data elements or which had systematic coding problems that deemed the entire data from the facility unusable) and non-systematic omission (random coding errors, 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 facility for each data element to be used. The user is likewise advised to examine the number of observations by facility by quarter to judge whether a facility under-reported for a given quarter, which occasionally happens due to data processing problems experienced by a facility.

Patient confidentiality

The committee has taken steps to ensure that no individual patient will be identified from the limited use data sets. Patient's age, physician specialty, and payers are grouped. Several



data elements are suppressed under specific conditions: 1) ZIP codes with fewer than 30 visits in a calendar year are suppressed; 2) physician taxonomy is suppressed for hospitals with fewer than 30 beds; 3) Payer names with fewer than 30 visits in a calendar year are suppressed; and 4) age, sex, and ZIP code are suppressed if the discharge involves substance abuse or HIV infection, as defined by the following Medicare Severity Grouper Diagnosis Related Groups (MS-DRGs):

- 894—ALCOHOL, DRUG ABUSE OR DEPENDENCE, LEFT AMA
- 895—ALCOHOL, DRUG ABUSE OR DEPENDENCE WITH REHABILITATION THERAPY
- 896—ALCOHOL, DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITH MCC
- 897—ALCOHOL, DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITHOUT MCC
- 969—HIV WITH EXTENSIVE O.R. PROCEDURE WITH MCC
- 970—HIV WITH EXTENSIVE O.R. PROCEDURE WITHOUT MCC
- 974—HIV WITH MAJOR RELATED CONDITION WITH MCC
- 975—HIV WITH MAJOR RELATED CONDITION WITH CC
- 976—HIV WITH MAJOR RELATED CONDITION WITHOUT CC/MCC
- 977—HIV WITH OR WITHOUT OTHER RELATED CONDITION

DRG, MS-DRG, APR-DRG, and EAPG classification

Variables produced by OHCS using 3M grouper software are no longer standard inclusions in the limited use data sets. Maintenance of the DRG grouper was discontinued in 2007. Previous versions of limited use data sets may have included variables resulting from the DRG grouper to aid comparisons to historical data. However, this grouper cannot be applied to data beginning in 2015 due to the change from ICD-9 to ICD-10 and is no is no longer included in the limited use data sets.

The MS-DRG grouper results are the only grouper results available.

Citation

Any statistical reporting or analysis based on the data shall cite the source as the following: *Utah Healthcare Facility Limited Use Data Sets (2022)*. Utah Health Data Committee Office of Health Care Statistics. Utah Department of Health and Human Services. Salt Lake City, Utah. 2022.



Available data and fill rates

Fill rates are based on source variables contained in the database. Empty rows are generally for calculated fields. For a fill rate, see the variable(s) used to calculate the field. See: https://gitlab.com/UtahOHCS/HFD_DUM/-/blob/master/HFD-fillrates-1996to2020.xlsx for the downloadable tables.

Header variables

Facility variables

Description	Variable name
encounter_type	Encounter type for record A—Ambulatory surgery E—Emergency department I—Inpatient
er_flag	Indicates whether the encounter included emergency room services, as indicated by revenue codes in the 045X series. 0—Non-emergency room (ER) 1—Emergency room (ER)
facility_city	Facility city
facility_county	Facility county
facility_fips_code	Facility FIPS location code
facility_geo_class	The geography class of the submitting facility. Valid values: Rural Urban
facility_name	Name of the facility from which the patient was discharged



Description	Variable name
facility_number	OHCS assigned identifier for the facility of discharge
facility_state	Facility state
facility_street_address	Facility street address
facility_zip_code	Facility ZIP code
patient_discharge_status	For discharges on or after October 1, 2007, see the table on HCUP's disposition of patient - UB04 website.
point_of_origin_for_admission	See the table on HCUP's point of origin for admission website.
type_of_admission	See the table on HCUP's admission type website.
type_of_bill	Maintained by the National Uniform Billing Committee (NUBC). Often used to identify facility or care type. Useful information about bill types can be found here.



Patient variables

Variable name	Description
age_group	Text description of age of patient (i.e. 70-74)
age_group_num	Numeric code representing the age of patients at release. See table for Age_Group_Num
Newborn	Indicates a value of 1 if the age is 0–28 days, else has a value of 0
patient_city	Patient city of residence
patient_country	Patient country of residence code
patient_county_fips	FIPS code for county of residence. Derived from ZIP code
patient_date_of_birth	Patient date of birth in yyyy-mm-dd format
patient_dob_year	Patient year of birth
patient_ethnicity	This field gives the ethnicity of the patient. The information is based on self-identification and is to be obtained from the patient, a relative, or a friend. Patient ethnicity codes are based on the HL7 FHIR ethnicity code system. Coding changed starting CY2018. See tables for patient_ethnicity
patient_gender	Patient gender M—Male F—Female U—Unknown S—Suppressed



Variable name	Description
patient_race	This item gives the race of the patient. The information is based on self-identification and is to be obtained from the patient, a relative, or a friend. Coding changed starting CY2018. See tables for patient_race
patient_race_ethnicity	OHCS computed using race and ethnicity. See table for patient_race_ethnicity
patient_state	Patient state of residence
patient_zip_code	Entire patient ZIP code as submitted
patient_zip5_code	5 leftmost digits of the ZIP code
pt_age	Patient's age on day of admission

Date and time variables

Variable name	Description
admission_hour	The hour at which the patient arrived (use 24-hour format)
admission_minute	The minute the patient arrived at the facility
date_of_admission	Admission date in yyyy-mm-dd format
discharge_date	Date of discharge in yyyy-mm-dd format
discharge_hour	The hour at which the patient left the facility (use 24-hour format)
discharge_minute	The minute at which the patient departed the facility



Variable name	Description
discharge_year	Year of discharge
los	Length of stay as calculated from Mercer (Rounds all IP to 1)
los_days	Total days stayed at facility from date of admission to discharge
los_hours	Total hours stayed at facility
quarter	Quarter of discharge Q1—January to March Q2—April to June Q3—July to September Q4—October to December
statement_beginning_date	The date facility services began in yyyy-mm-dd format
statement_beginning_year	The year facility services began
statement_through_date	The date facility services ended in yyyy-mm-dd format
statement_through_year	The year facility services ended
year	Year of discharge
year_of_admission	Admission year



Payment and payer variables

Variable name	Description
estimated_amount_due_primary	Amount estimated by the hospital to be due from the indicated payer
estimated_amount_due_secondary	Amount estimated by the hospital due from the secondary payer
estimated_amount_due_tertiary	Amount estimated by the hospital due from the tertiary payer
payer_primary_typology_imputed	OHCS imputed payer typology using string-matching on payer_name
payer_secondary_typology_imputed	OHCS imputed payer typology using string-matching on payer_name
payer_tertiary_typology_imputed	OHCS imputed payer typology using string-matching on payer_name
primary_payer_name_suppressed	The payer's name as reported on record. Suppressed at 30 per year
primary_payer_typology	Code with type of payer. Available starting with data submitted CY2018. See table for payer_typology
prior_payment_primary	Amount hospital received from payer prior to the billing date
prior_payment_secondary	Amount hospital received from secondary payer prior to billing date



Variable name	Description
prior_payment_tertiary	Amount hospital received from tertiary payer prior to billing date
secondary_payer_name_suppressed	Secondary payer's name as reported on record. Suppressed at 30 per year
secondary_payer_typology	Code with type of payer. Available starting with data submitted CY2018. See table for payer_typology
tertiary_payer_name_suppressed	Tertiary payer's name as reported on record. Suppressed at 30 per year
tertiary_payer_typology	Code with type of payer. Available starting with data submitted CY2018. See table for payer_typology
total_charge_header	The total amount charged by the facility for the encounter

Diagnosis variables

Variable name	Description
diagnosis_version_qualifier	Indicates which ICD version was used 9—Ninth revision of ICD 0—Tenth revision of ICD 1—Unknown
principal_diagnosis_code	Codes changed in Oct 2015. ICD diagnosis codes



Variable name	Description
principal_diagnosis_code_poa	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_1	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_1	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_2	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_2	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_3	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_3	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_4	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_4	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_5	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_5	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA



Variable name	Description
secondary_diagnosis_code_6	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_6	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_7	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_7	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_8	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_8	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_9	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_9	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_10	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_10	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_11	Codes changed in October 2015. ICD diagnosis codes



Variable name	Description
secondary_diagnosis_code_poa_11	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_12	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_12	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_13	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_13	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_14	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_14	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_15	Codes changed in October 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_15	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
secondary_diagnosis_code_16	Codes changed in Oct 2015. ICD diagnosis codes
secondary_diagnosis_code_poa_16	Whether the diagnosis codes were present on admission. See table for diagnosis_code_POA
admitting_diagnosis_code	Admitting diagnosis code



Variable name	Description
patient_reason_for_visit_1	Coded using ICD diagnosis codes
patient_reason_for_visit_2	Coded using ICD diagnosis codes
patient_reason_for_visit_3	Coded using ICD diagnosis codes
ext_cause_of_inj_code_1	External cause code, coded using ICD diagnosis codes
ext_cause_of_inj_code_poa_1	Whether the external cause was present on admission. See table for diagnosis_code_POA
ext_cause_of_inj_code_2	External cause code, coded using ICD diagnosis codes
ext_cause_of_inj_code_poa_2	Whether the external cause was present on admission. See table for diagnosis_code_POA
ext_cause_of_inj_code_3	External cause code, coded using ICD diagnosis codes
ext_cause_of_inj_code_poa_3	Whether the external cause was present on admission. See table for diagnosis_code_POA

Procedure variables

Variable name	Description
principal_ICD_procedure	ICD procedure code. Changed October 2015
date_of_principle_procedure	Date of procedure in yyyy-mm-dd format



Variable name	Description
year_of_principle_procedure	Year of procedure
secondary_ICD_procedure_1	ICD procedure code. Changed October 2015
date_of_secondary_procedure_1	Date of procedure in yyyy-mm-dd format
year_of_secondary_procedure_1	Year of procedure
secondary_ICD_procedure_2	ICD procedure code. Changed October 2015
date_of_secondary_procedure_2	Date of procedure in yyyy-mm-dd format
year_of_secondary_procedure_2	Year of procedure
secondary_ICD_procedure_3	ICD procedure code. Changed October 2015
date_of_secondary_procedure_3	Date of procedure in yyyy-mm-dd format
year_of_secondary_procedure_3	Year of procedure
secondary_ICD_procedure_4	ICD procedure code. Changed October 2015
date_of_secondary_procedure_4	Date of procedure in yyyy-mm-dd format
year_of_secondary_procedure_4	Year of procedure
secondary_ICD_procedure_5	ICD procedure code. Changed October 2015
date_of_secondary_procedure_5	Date of procedure in yyyy-mm-dd format
year_of_secondary_procedure_5	Year of procedure



Provider variables

Variable name	Description
attending_provider_qual	Type of provider id. See table for provider_ID_qualifier
attending_provider_id	Unique identifier of attending provider
provider_attending_other_type_qualifier	Indicates the type of "other" provider. See table for provider_ID_qualifier
provider_attending_taxonomy_code	Provider taxonomy code (using NUCC's code set)
provider_attending_AMA_specialty	Provider specialty, coded using AMA's specialty coding system
operating_provider_qual	Indicates type of operating provider id. See table for provider_ID_qualifier
operating_provider_id	Unique identifier of attending provider
provider_operating_other_type_qualifier	Indicates the type of "other" provider id. See table for provider_ID_qualifier
provider_operating_taxonomy_code	Provider taxonomy code (using NUCC's code set)
provider_operating_AMA_specialty	Provider specialty, coded using AMA's specialty coding system
other_provider_qual_1	Type of provider id. See table for provider_ID_qualifier



Variable name	Description
other_provider_qual_sec_1	Second id qualifier of a provider other than the main provider. See table for provider_ID_qualifier
other_provider_id_1	Unique identifier of attending provider
provider_other_1_other_type_qualifier	Indicates the type of "other" provider. See table for provider_ID_qualifier
provider_other_1_taxonomy_code	Provider taxonomy code (using NUCC's code set)
provider_other_1_AMA_specialty	Provider specialty, coded using AMA's specialty coding system
other_provider_qual_2	Type of provider id. See table for provider_ID_qualifier
other_provider_qual_sec_2	Second id qualifier of the second provider other than the main provider. See table for provider_ID_qualifier
other_provider_id_2	Unique identifier of attending provider
provider_other_2_other_type_qualifier	Indicates the type of "other" provider. See table for provider_ID_qualifier
provider_other_2_taxonomy_code	Provider taxonomy code (using NUCC's code set)
provider_other_2_AMA_specialty	Provider specialty, coded using AMA's specialty coding system



Variable name	Description
taxonomy_code	Created based on Attending NPI and NPPES lookup
category	High level provider grouping based on attending provider NPI

Grouping variables

Variable name	Description
CMS_4digit_DRG	This is different from CMS DRG due to the 4th digit, (severity of illness)
CMS_4digit_DRG_description	4 digit DRG written description
CMS_cost_weight	See MS-DRG grouper documentation for details
CMS_DRG	Medicare severity-diagnosis related group code
CMS_DRG_description	Medicare severity-diagnosis related group written description
CMS_final_ms_indicator	Final medical/surgical indicator 0—Error DRG (998 or 999)1—Medical DRG2—Surgical DRG
CMS_grouperversion_used	Which version of the CMS Grouping Software was applied to the service. See MS-DRG grouper documentation for details



Variable name	Description
CMS_mdc	Major disease category codes as defined by the MS-DRG. See table for CMS_mdc
CMS_mdc_description	Major disease category descriptions as defined by the MS-DRG
diagnosis_related_group	Diagnosis related group as reported by the hospital
dxccsr_category_op	Groups principal diagnosis code values into clinical categories. See HCUP website for details
final_DRG_cc_mcc_usage	See MS-DRG grouper documentation for details
hospital_acquired_condition_status	See MS-DRG grouper documentation for details
hospital_acquired_conditions	See MS-DRG grouper documentation for details
msgmce_version_used	MSGMCE software version used for assigning the MS-DRG

Line variables

Variable name	Description
record_id	A unique number for each visit
encounter_type	Encounter type for record A—Ambulatory surgery E—Emergency department I—Inpatient



Variable name	Description
service_line	Count of services. Service lines represent revenue lines and the associated procedures and charges. Header data repeats while service line data changes with each new line
HCPCS_Category	High-level CPT-4 grouping. See table HCPCS_Category
HCPCS_CCS_Category_Code	Groups HCPCS Code values into one of 240+ clinical categories. See HCUP Clinical Classifications Software for details
HCPCS_CCS_Category_Description	Written description for HCPCS CSS code
hcpcs_code	Healthcare Common Procedure Coding System
hcpcs_code_mod1	Produced when modifier clarifies/improves the a procedure code
hcpcs_code_mod2	Produced when modifier clarifies/improves the a procedure code
hcpcs_code_mod3	Produced when modifier clarifies/improves the a procedure code
hcpcs_code_mod4	Produced when modifier clarifies/improves the a procedure code
HCPCS_Code1_Desc	Written description of the HCPCS code
HCUP_Surgery_Flag	Classifies HCPCS surgery codes as broad, narrow, or neither. See <u>HCUP Surgery Flags Software</u> for more details



Variable name	Description
	0—Neither 1—Broad 2—Narrow
NDC	Available starting CY2018. Drug code
revenue_code	Codes that identify specific accommodations, ancillary service, or unique billing calculations or arrangements. Revenue codes are maintained by National Uniform Billing Committee (NUBC)
Revenue_Code1_Desc	Written description of the revenue code
service_Date	Service line date in yyyy-mm-dd format. Available starting with data submitted CY2018
service_units	The quantity of units, times, days, visits, services, or treatments
service_Year	Service line year. Available starting with data submitted CY2018
total_charge_by_revenue_code	The total amount charged by the hospital for the given service line
unit_of_measurement	Code specifying the units in which a value is being expressed or manner in which a measurement has been taken. Unit of measure codes are maintained by the American National Standards Institute. Example codes: DA=Days; MJ= Minutes; UN=Units
colonoscopy_flag	Indicates if the HCPS code is a colonoscopy 0—Not colonoscopy 1—Colonoscopy



Lookup tables

Age_group_num

Numeric code representing age of patient at date of release.

Code	Description
0	1–28 days
1	29–365 days
2	1–4 years
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

Code	Description
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 +
99	Suppressed

Patient_ethnicity

Code	Description
2135-2	Hispanic or Latino
2186-5	Not Hispanic or Latino

Data submitted prior to CY2018.



Code	Description
1	Hispanic or Latino
2	Not Hispanic or Latino
6	Unknown

Patient_race

Code	Description
1002-5	American Indian/Alaska Native
2028-9	Asian
2054-5	Black/African American
2106-3	White
2131-1	Other race
2076-8	Native Hawaiian or other Pacific Islander

Data submitted prior to CY2018.

Code	Description
1	American Indian/Alaska Native
2	Asian
3	Black/African American



4	White
5	Other race
6	Unknown
7	Native Hawaiian or other Pacific Islander



Patient_race_ethnicity

Code	Description	
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	

Payer_typology

Code	Description	Definition
1	Medicare	Medicare managed care, Medicare fee for service, Medicare hospice, or Dual eligibility Medicare/Medicaid organization
2	Medicaid	Medicaid managed care, Medicaid fee for service, CHIP, Medicaid long term care, or Medicaid dental
3	Other government	Department of Defense (Tricare), Department of Veterans Affairs, Indian Health Service or tribe, HRSA program, Black Lung, state government, or local government
4	Department of Corrections	Federal, state, or local corrections



Code	Description	Definition
5	Private health insurance	Managed care (e.g. HMO, PPO, POS), private health insurance (commercial indemnity or self-funded ERISA), organized delivery system, or small employer purchasing group
6	Blue Cross/Blue Shield	BCBS managed care or BCBS indemnity insurance
7	Managed care, unspecified	Only use if cannot distinguish public from private managed care.
8	No payment from an organization/agency/progra m/private payer listed	Self-pay, no charge, charity, refusal, research/donor, or no payment
9	Miscellaneous/other	Workers compensation, foreign national, disability, long-term care, auto insurance, or legal liability
	Unknown	Leave blank if payer typology is unknown, unavailable, or blank

Diagnosis_code_POA

Diagnosis code present-on-admission codes.

Code	Description
Υ	Yes, present at the time of inpatient admission
N	No, not present at the time of inpatient admission
U	Insufficient documentation to determine if present on admission



Code	Description
W	Clinically unable to determine if present at time of admission
1	Code is exempt from POA reporting
Blank	Code is exempt from POA reporting

Provider_ID_qualifier

Code	Description	
0B	State license number	
1G	Provider UPIN number	
G2	Provider commercial number	
El	Employer's identification number	
SY	Social Security number	

CMS_MDC

Code	Description
01	Diseases and disorders of the nervous system
02	Diseases and disorders of the eye
03	Diseases and disorders of the ear, nose, mouth and throat
04	Diseases and disorders of the respiratory system



Code	Description
05	Diseases and disorders of the circulatory system
06	Diseases and disorders of the digestive system
07	Diseases and disorders of the hepatobiliary system and pancreas
08	Diseases and disorders of the musculoskeletal system and connective tissue
09	Diseases and disorders of the skin, subcutaneous tissue, and breast
10	Endocrine, nutritional and metabolic diseases and disorders
11	Diseases and disorders of the kidney and urinary tract
12	Diseases and disorders of the male reproductive system
13	Diseases and disorders of the female reproductive system
14	Pregnancy, childbirth, and the puerperium
15	Newborns and other neonates with conditions originating in perinatal period
16	Diseases and disorders of blood, blood forming organs, immunologic disorders
17	Myeloproliferative diseases and disorders, poorly differentiated neoplasms
18	Infectious and parasitic diseases, systemic or unspecified sites
19	Mental diseases and disorders
20	Alcohol/drug use and alcohol/drug induced organic mental disorders



Code	Description
21	Injuries, poisonings, and toxic effects of drugs
22	Burns
23	Factors influencing health status and other contacts with health services
24	Multiple significant trauma
25	Human immunodeficiency virus infections

HCPCS_category

Code	Description
84000-8479919000-194999	Mastectomy
20000–29999	Musculoskeletal
30000–32999	Respiratory
33010–37799 39000–39499 93501–93660	Cardiovascular, mediastinum
38100-38999	Lymphatic/hematic
39501–39599	Diaphragm
40490–49999 G0104, G0105, G0106, G0120 and G0121	Digestive system



Code	Description
50010-53899	Urinary
54000-55899	Male genital
56405 59899	Female reproductive
60000-64999	Endocrine/nervous system
65091–68899	Eye
69000-69979	Ear
All other valid values	Unknown/missing