

## Health Insurance Code Reference Tables: Medical Claims

Health insurance claims data is presented via codes – diagnosis codes, procedure codes, and many others. The codes are meaningless to human readers without code descriptions.

Teus Health has developed a comprehensive set of tables that provide descriptions for health insurance claim codes. In the language of information technology, these tables are known as “reference tables.” **Our reference tables have been designed specifically to meet the needs of health insurance claims data analysis teams.**

For each of the medical claims code sets listed below, the reference table describes all codes that have been valid since October 1, 2015. Each code has a begin and end date, showing when the code was first valid and when it became invalid. (If a code is still valid, the end date is listed as year 2099). Changes in code descriptions are similarly dated. New code descriptions are numbered with the most recent description, even for currently invalid codes, numbered as 1. Therefore, reference table can be applied to a multi-year claims dataset via a single join.

The medical reference tables follow a consistent structure and naming convention. The tables are delivered as Excel tables, parquet tables, and/or a SQL dump file. Excel tables can be easily referenced on-demand by your employees, while parquet tables and SQL dump files can be easily imported into your data analysis environment.

Code Set Description	Reference Table	Records
Ambulatory payment classification codes	apc_cd	1,600
Bill type codes	bill_type_cd	1,200
CCN facility type codes	ccn_fac_type_cd	28,000
CCN state codes	ccn_st_cd	100
Discharge status codes	disch_stat_cd	40
ICD-10-CM diagnosis codes	dx_cd	75,000
FIPS state and county codes	fips5_cd	3,200
HCPCS procedure codes*	hcpcs_cd	19,000
HCPCS modifier codes	hcpcs_mod_cd	400
ICD-10-PCS procedure codes	icd_pcs_cd	83,000
MS-DRG codes	msdrg_cd	1,100
MS-DRG weights codes	msdrg_weights	3,800
Place of service codes	pos_cd	50
Patient origin codes	pt_origin_cd	10
Revenue codes	rev_cd	500
Specialty codes	spec_cd	150
Taxonomy codes	taxonomy_cd	900
Type of admission codes	type_admit_cd	<10



Ask us for  
a sample  
table.

We charge a reasonable flat fee to license the entire set of reference tables\* and a smaller fee for annual updates. You may not share your license or the tables with other organizations. We also have national provider ID (NPI) and national drug code (NDC) tables.

\* Despite their healthcare ubiquity, HCPCS Level 1 codes, also known as CPT codes, are owned and licensed by the AMA, with onerous terms for any organization that redistributes the codes and their descriptions. We therefore provide a licensed HCPCS Level 2 and 3 reference table and free step-by-step instructions table for using files downloadable from a CMS website to create and append a HCPCS Level 1 table, producing a complete HCPCS table – a process that should take less than an hour. Furthermore, should your data analyst require assistance, we will provide free guidance via a video-call. You are solely responsible for having a license appropriate for your use of AMA materials and the integrity of the add-on table.