

Overview of Medicaid Claims Processing Steps for Use in HPSA Designation

Background

This resource brief is a supplement to a 4-part webinar series on using Medicaid Claims data for Federal Shortage Designation. The webinar series along with other resources can be available at: <http://www.healthworkforceta.org/resources/pco-resource-center/>.

Parameters for Requesting and Extracting Claims

The key to extracting the proper claims for use in designation is to select all activity that would constitute office visits that may be defined as primary, but not other billed services. Note that, at this phase, these visits will also include activity by non-physicians and specialist physicians. This will be addressed, as possible, in the next step. To select the proper claims:

- Define 12-month timeframe (allowing 4+ months from final month for claims to settle before extracting)
- Do not ask Medicaid to limit by provider type, specialty, or setting, but request any elements in the claims data describing these parameters
- Assure that managed care ‘encounter’ claims (not used for payment) are collected and included
- Data elements need to include, at minimum, the **provider’s NPI number** and the **service delivery address**:
 - Where available, the NPI number of the individual provider (“rendering”, “servicing”, “attending” provider) is ideal. Some states only track the billing provider or allow organization-level billing.
- Define claims to include based on CPT codes as follows:

| Primary Care | Dental | Mental Health (Psychiatry) |
|--|-----------------|----------------------------|
| Evaluation and Management | Oral Evaluation | Psychiatric Diagnosis |
| 99201-99215 | D0120-D0180 | 90791-90792 |
| Preventive | Prophylaxis | Psychotherapy |
| 99381-99397 | D1110-D1120 | 90832-90853 |
| FQHC specific | | Med E&M Codes* |
| HCPC Code T1015 | | 99201-99215 with modifier |
| * Use caution with medical E&M codes for psychiatry if billing is at the organizational level. | | |

- The following tables show the taxonomy codes associated with primary care for each discipline. Link this list to each of the associated taxonomy codes in the related claims files and develop two queries that identify providers as follows:
 - Primary Care Inclusive: those that have at least one of the codes listed, regardless of other codes
 - Non-Primary Care Inclusive: those that have at least one taxonomy code other than those listed
- Additionally, use the 'Entity Type' code in NPI to separate Individual (1) from Organizational (2) NPIs
- Compare the records in the two queries to identify PC-Only claims (records in the PC inclusive list that are not in Non-PC inclusive list) and PC-Mixed claims (in both PC and Non-PC queries). The latter may require further work to determine if all or part should be counted as PC activity. The final categories will be: PC only individual, PC only organizations, PC mixed individual, PC mixed organization.

| Primary Care | | | | | |
|--------------|------------|-------------------------|--------------|------------|--|
| Type | Code | Specialty Description | Type | Code | Specialty Description |
| Individual | 207Q00000X | Family Medicine | Individual | 207QA0505X | Adult Medicine |
| Individual | 208D00000X | General Practice | Organization | 251K00000X | Public Health or Welfare |
| Individual | 207R00000X | Internal Medicine | Organization | 261Q00000X | Clinic/Center |
| Individual | 207RA0000X | Adolescent Medicine | Organization | 261QC1500X | Community Health |
| Individual | 207RG0300X | Geriatric Medicine | Organization | 261QF0400X | Federally Qualified Health Center (FQHC) |
| Individual | 207V00000X | Obstetrics & Gynecology | Organization | 261QM1000X | Migrant Health |
| Individual | 207VG0400X | Gynecology | Organization | 261QM1300X | Multi-Specialty |
| Individual | 208000000X | Pediatrics | Organization | 261QP0904X | Public Health, Federal |
| Individual | 2080A0000X | Adolescent Medicine | Organization | 261QP0905X | Public Health, State or Local |
| Individual | 207QG0300X | Geriatric Medicine | Organization | 261QP2300X | Primary Care |
| Individual | 207QA0000X | Adolescent Medicine | Organization | 261QR1300X | Rural Health |

NOTE: The methods and code selections presented here are based on processes developed by John Snow, Inc. for the purpose of analyzing Medicaid claims for HPSA designation applications. They are not intended to represent any form of official HRSA/BHW policy or guidance on this process.

| Mental Health (Psychiatry) | | | | | |
|--|------------|-------------------------------|--------------|------------|--|
| Type | Code | Specialty Description | Type | Code | Specialty Description |
| Individual Physician | 2084P0805X | Geriatric Psychiatry | Organization | 261QF0400X | Federally Qualified Health Center (FQHC) |
| Individual Physician | 2084P0804X | Child & Adolescent Psychiatry | Organization | 261QM1000X | Migrant Health |
| Individual Physician | 2084P0800X | Psychiatry | Organization | 261QM1300X | Multi-Specialty |
| Organization | 261QP2300X | Primary Care | Organization | 261QP0905X | Public Health, State or Local |
| Organization | 251K00000X | Public Health or Welfare | Organization | 251S00000X | Community & Behavioral Health |
| Organization | 261Q00000X | Clinic/Center | Organization | 261QR1300X | Rural Health |
| Organization | 261QC1500X | Community Health | Organization | 261QM0801X | Mental Health* |
| *Includes Community Mental Health Centers. | | | | | |

| Dental | | | | | |
|--------------|------------|-------------------------------|--------------|------------|--|
| Type | Code | Specialty Description | Type | Code | Specialty Description |
| Individual | 1223G0001X | General Practice | Organization | 261QF0400X | Federally Qualified Health Center (FQHC) |
| Individual | 1223D0001X | Dental Public Health | Organization | 261QM1000X | Migrant Health |
| Individual | 122300000X | Dentist | Organization | 261QP0904X | Public Health, Federal |
| Individual | 1223P0221X | Pediatric Dentistry | Organization | 261QP2300X | Primary Care |
| Organization | 261QP0905X | Public Health, State or Local | Organization | 261QR1300X | Rural Health |
| Organization | 251K00000X | Public Health or Welfare | Organization | 261QD0000X | Dental |
| Organization | 261Q00000X | Clinic/Center | Organization | 261QM1300X | Multi-Specialty |
| Organization | 261QC1500X | Community Health | | | |

Data Limitations

Be aware that the organizational vs individual claim type is not determined by the taxonomy code classifications noted in the tables above, as individuals are not restricted from selecting organizational taxonomies and vice versa. Organizational NPI's are noted as Entity_Type = 2 in the NPI data. Organizational PC claims must be matched and allocated to individual PC provider NPI's in order to be entered in to SDMS.



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Established to support the efforts of HRSA's National Center for Health Workforce Analysis (NCHWA), HWTAC provides technical assistance to states and organizations that engage in health workforce planning. HWTAC conducts a number of initiatives each year designed to provide expert assistance with health workforce data collection, analysis, and dissemination. HWTAC is based at the Center for Health Workforce Studies (CHWS) at the School of Public Health, University at Albany, State University of New York, and was formed as a partnership between CHWS and the Cecil G. Sheps Center for Health Services Research at the University of North Carolina.