

Appendix C

Patient Attribution Method for IHP Model

This section describes the State’s method of how a recipient in the Minnesota Health Care Program (MHCP) Fee-for-Service (FFS) program or a managed care organization enrollee is assigned to the Integrated Health Partnership’s (IHP) Attributed Population as an Attributed Patient. This section also details the provider taxonomy that should be utilized by the IHP when providing the State with a provider roster for the purposes of determining attribution.

Definitions:

- “E&M” refers to Evaluation and Management coding.
- “HCPCS” refers to the Health Care Finance Administration (HCFA) Common Procedural Coding System.
- “Non-IHP provider” means a provider not listed on a Roster submitted by an IHP.

Patients

- Patients must have had at least one visit or encounter with a Roster provider during the Performance Period and such visit must have been paid to a billing entity on the Roster to be eligible for Attribution.
- Certain populations are categorically excluded from the IHP model (for example, persons with dual eligibility), and are removed from the pool of MHCP Recipients who can be attributed (see Appendix B-2: Eligible and Excluded Populations).
- Patients who have less than six (6) months of *continuous* enrollment in qualifying programs or less than nine (9) *total* months of enrollment in qualifying programs during the Performance Period are excluded from Attribution.
- Throughout the course of the Performance Period, a Patient’s attribution status (either among IHPs or to no IHP) may change as the Patient’s utilization pattern changes.

Attribution Steps

Once the exclusion process is completed to determine the base population eligible for Attribution, the Attribution process counts qualifying visits for each MHCP Recipient across providers on all the IHP Rosters and compares the total claim counts at each IHP to those at non-IHP providers. In performing the comparisons, there are four steps evaluated in the following order:

1. Health Home (Health Care Home and Behavioral Health Home) claims;
2. E&M procedures by a Primary Care Provider; and
3. E&M procedures by a Specialty Provider; and
4. Tie Breaking Step.

As the algorithm progresses, a MHCP recipient is either definitively assigned to an IHP and not evaluated in subsequent steps, determined to be not attributable to any IHP for the period, or passed to the next step in the Attribution decision process.

STEP 1.

If Health Home Claim Code(s) are Present

Patients with Health Care Home (HCH) or Behavioral Health Home (BHH) care coordination claims are attributed to the IHP.

Attribution will occur using the treating and billing provider, as follows:

- Patients with care coordination codes at only one IHP are attributed to the IHP.
- Patients with care coordination codes at more than one IHP or at non-IHP provider(s) are attributed to the IHP or non-IHP provider(s) that submitted the greater number of care coordination claims.
- Patients with an equal number of care coordination codes are attributed to the IHP or the non-IHP provider having the most recent date of service care coordination claim.
- Patients with no HCH and BHH codes are assessed by the decision criteria in Step 2.

STEP 2.

If Attribution from Health Home Claims Has Not Occurred, but Qualifying Visit(s) to a Primary Care Provider are Present

Patients with the following E&M codes paid to an IHP billing provider and performed by an IHP Roster provider with a primary care specialty (as defined in "Provider Taxonomy") -- 99201 through 99215, 99304 through 99350, 99381 through 99387, 99391 through 99397, 99441 through 99443, G0402, G0438, and G0439 -- are attributed to the IHP as follows:

- Patients with Primary Care Provider E&M codes at only one IHP are attributed to the IHP.
- Patients with more Primary Care Provider E&M codes than at any other IHP or non-IHP provider(s) are attributed to the IHP that submitted the greater number of E&M codes by that IHP's Primary Care Providers.
- Patients with an equal number of Primary Care Provider E&M codes at more than one IHP or non-IHP provider are assessed by the decision criteria as described in Step 4.
- Patients with a greater number of E&M codes at an individual non-IHP provider(s) than at any IHP are not attributed to any IHP.
- Patients with no Primary Care Provider E&M codes at any IHP are assessed by the decision criteria in Step 3.

STEP 3.

If Attribution From HCH Claims or Qualifying Visits to Primary Care Providers Has Not Occurred, but Qualifying Visits to Other Specialty Providers are Present

Patients with the following E&M codes performed by a Specialty Provider and paid to a billing provider from the IHP roster -- 99201 through 99215, 99304 through 99350, 99381 through 99387, 99391 through 99397, 99441 through 99443, G0402, G0438, and G0439 -- are attributed to the IHP as follows:

- Patients with Specialty Provider E&M codes at only one IHP are attributed to the IHP.
- Patients with Specialty Provider E&M codes at more than one IHP are attributed to the IHP that submitted the greater number of E&M codes by that IHP's Specialty providers.

- Patients with an equal number of Specialty Provider E&M codes at more than one IHP are not attributed to any IHP.
- Patients with a greater number of E&M codes at an individual non-IHP provider(s) than at any IHP Specialty Providers are not attributed to any IHP.

STEP 4.

Tie Breaking:

Patients with an equal number of E&M codes at more than one IHP Primary Care Providers, and having no E&M codes at IHP Specialty Providers are attributed to the IHP with the most recent date of service E&M claim.

- Patients with an equal number of E&M codes at more than one IHP Primary Care Provider and having a greater number of E&M codes at one of those IHP Specialty Providers are attributed to the IHP with the greater number of E&M codes at Specialty Providers.
- Patients with an equal number of E&M codes at more than one IHP Primary Care Provider, and having an equal number of E&M codes at those IHP Specialty Providers are attributed to the IHP with the most recent Primary Care Provider date of service E&M claim.
- Patients with an equal number of E&M codes at an IHP Primary Care Provider and a non-IHP provider are attributed to the IHP if the IHP had the most recent date of service E&M claim.

Attribution Time Periods

The Attribution Steps described above will be based on claims in a twelve (12) month period of a Patient's claim history. If attribution does not occur and Patient did not have any claims within the twelve (12) month period, then the Attribution Steps described above will be repeated using claims occurring within an additional twelve (12) month period for a total of twenty-four (24) months.

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Provider Taxonomy

An IHP may designate on its Roster whether a provider serves as a Primary Care Provider (“PCP”) or Specialty Provider (“SPE”) in its organization. In absence of this designation, the provider’s primary taxonomy code will be used to categorize the provider according to the table below. If neither a PCP / SPE designation nor a primary taxonomy code is included on the Roster, the primary taxonomy code for that provider from the National Plan and Provider Enumeration System (NPPES) file will be used to categorize the provider according to the table below. A provider taxonomy not listed in this attachment will be considered a Specialty Provider, unless the IHP has otherwise designated the provider as a “PCP” on their Roster.

Mapping Definitions from National Uniform Claim Committee (NUCC) Database Download (Version 12.0, 1/1/12)

| Taxonomy | PCP/SPE | Type | Classification | Specialization |
|-----------------|----------------|-------------------------------------|------------------------|----------------------------|
| 207K00000X | SPE | Allopathic & Osteopathic Physicians | Allergy & Immunology | |
| 207L00000X | SPE | Allopathic & Osteopathic Physicians | Anesthesiology | |
| 207LP2900X | SPE | Allopathic & Osteopathic Physicians | Anesthesiology | Pain Medicine |
| 207LC0200X | SPE | Allopathic & Osteopathic Physicians | Anesthesiology | Critical Care Medicine |
| 208U00000X | SPE | Allopathic & Osteopathic Physicians | Clinical Pharmacology | |
| 208C00000X | SPE | Allopathic & Osteopathic Physicians | Colon & Rectal Surgery | |
| 207N00000X | SPE | Allopathic & Osteopathic Physicians | Dermatology | |
| 207P00000X | SPE | Allopathic & Osteopathic Physicians | Emergency Medicine | |
| 207PE0004X | SPE | Allopathic & Osteopathic Physicians | Emergency Medicine | Emergency Medical Services |
| 207PT0002X | SPE | Allopathic & Osteopathic Physicians | Emergency Medicine | Medical Toxicology |
| 207Q00000X | PCP | Allopathic & Osteopathic Physicians | Family Medicine | |
| 207QS0010X | SPE | Allopathic & Osteopathic Physicians | Family Medicine | Sports Medicine |
| 207QA0000X | PCP | Allopathic & Osteopathic Physicians | Family Medicine | Adolescent Medicine |
| 207QA0505X | PCP | Allopathic & Osteopathic Physicians | Family Medicine | Adult Medicine |
| 208D00000X | PCP | Allopathic & Osteopathic Physicians | Family Medicine | General Practice |
| 208M00000X | SPE | Allopathic & Osteopathic Physicians | Hospitalist | |
| 207R00000X | PCP | Allopathic & Osteopathic Physicians | Internal Medicine | |
| 207RR0500X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Rheumatology |
| 207RC0000X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Cardiovascular Disease |
| 207RX0202X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Medical Oncology |
| 207RG0100X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Gastroenterology |
| 207RE0101X | PCP | Allopathic & Osteopathic Physicians | Internal Medicine | Endocrinology |
| 207RH0003X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Hematology & Oncology |

Appendix C: Attribution Methodology

| Taxonomy | PCP/SPE | Type | Classification | Specialization |
|-----------------|----------------|-------------------------------------|-------------------------|---|
| 207RI0200X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Infectious Disease |
| 207RH0000X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Hematology |
| 207RP1001X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Pulmonary Disease |
| 207RN0300X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Nephrology |
| 207RI0011X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Interventional Cardiology |
| 207RC0200X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Critical Care Medicine |
| 207RC0001X | SPE | Allopathic & Osteopathic Physicians | Internal Medicine | Clinical Cardiac Electrophysiology |
| 207RG0300X | PCP | Allopathic & Osteopathic Physicians | Internal Medicine | Geriatric Medicine |
| 207RH0002X | PCP | Allopathic & Osteopathic Physicians | Internal Medicine | Hospice and Palliative Medicine |
| 207SG0201X | SPE | Allopathic & Osteopathic Physicians | Medical Genetics | Clinical Genetics (M.D.) |
| 207T00000X | SPE | Allopathic & Osteopathic Physicians | Neurological Surgery | |
| 207V00000X | PCP | Allopathic & Osteopathic Physicians | Obstetrics & Gynecology | |
| 207VM0101X | SPE | Allopathic & Osteopathic Physicians | Obstetrics & Gynecology | Maternal & Fetal Medicine |
| 207VX0201X | SPE | Allopathic & Osteopathic Physicians | Obstetrics & Gynecology | Gynecologic Oncology |
| 207W00000X | SPE | Allopathic & Osteopathic Physicians | Ophthalmology | |
| 207X00000X | SPE | Allopathic & Osteopathic Physicians | Orthopedic Surgery | |
| 207XS0106X | SPE | Allopathic & Osteopathic Physicians | Orthopedic Surgery | Hand Surgery |
| 207XX0005X | SPE | Allopathic & Osteopathic Physicians | Orthopedic Surgery | Sports Medicine |
| 207Y00000X | SPE | Allopathic & Osteopathic Physicians | Otolaryngology | |
| 207ZP0105X | SPE | Allopathic & Osteopathic Physicians | Pathology | Clinical Pathology/Laboratory Medicine |
| 207ZP0102X | SPE | Allopathic & Osteopathic Physicians | Pathology | Anatomic Pathology & Clinical Pathology |
| 207ZN0500X | SPE | Allopathic & Osteopathic Physicians | Pathology | Neuropathology |
| 207ZH0000X | SPE | Allopathic & Osteopathic Physicians | Pathology | Hematology |
| 207ZB0001X | SPE | Allopathic & Osteopathic Physicians | Pathology | Blood Banking & Transfusion Medicine |
| 208000000X | PCP | Allopathic & Osteopathic Physicians | Pediatrics | |
| 2080P0205X | PCP | Allopathic & Osteopathic Physicians | Pediatrics | Pediatric Endocrinology |
| 2080P0207X | SPE | Allopathic & Osteopathic Physicians | Pediatrics | Pediatric Hematology-Oncology |
| 2080P0006X | SPE | Allopathic & Osteopathic Physicians | Pediatrics | Developmental – Behavioral Pediatrics |

Appendix C: Attribution Methodology

| Taxonomy | PCP/SPE | Type | Classification | Specialization |
|-----------------|----------------|-------------------------------------|--|---|
| 2080P0202X | SPE | Allopathic & Osteopathic Physicians | Pediatrics | Pediatric Cardiology |
| 2080N0001X | SPE | Allopathic & Osteopathic Physicians | Pediatrics | Neonatal-Perinatal Medicine |
| 2080P0203X | SPE | Allopathic & Osteopathic Physicians | Pediatrics | Pediatric Critical Care Medicine |
| 208100000X | SPE | Allopathic & Osteopathic Physicians | Physical Medicine & Rehabilitation | |
| 2081P0004X | SPE | Allopathic & Osteopathic Physicians | Physical Medicine & Rehabilitation | Spinal Cord Injury Medicine |
| 2081P0010X | SPE | Allopathic & Osteopathic Physicians | Physical Medicine & Rehabilitation | Pediatric Rehabilitation Medicine |
| 2081P2900X | SPE | Allopathic & Osteopathic Physicians | Physical Medicine & Rehabilitation | Pain Medicine |
| 2083X0100X | SPE | Allopathic & Osteopathic Physicians | Preventive Medicine | Occupational Medicine |
| 2083P0901X | SPE | Allopathic & Osteopathic Physicians | Preventive Medicine | Public Health & General Preventive Medicine |
| 2083P0500X | SPE | Allopathic & Osteopathic Physicians | Preventive Medicine | Preventive Medicine/ Occupational Environmental Medicine |
| 2084N0400X | SPE | Allopathic & Osteopathic Physicians | Psychiatry & Neurology | Neurology |
| 2084P0800X | SPE | Allopathic & Osteopathic Physicians | Psychiatry & Neurology | Psychiatry |
| 2084A0401X | SPE | Allopathic & Osteopathic Physicians | Psychiatry & Neurology | Addiction Medicine |
| 2085R0001X | SPE | Allopathic & Osteopathic Physicians | Radiology | Radiation Oncology |
| 2085R0202X | SPE | Allopathic & Osteopathic Physicians | Radiology | Diagnostic Radiology |
| 2085R0203X | SPE | Allopathic & Osteopathic Physicians | Radiology | Therapeutic Radiology |
| 2085R0204X | SPE | Allopathic & Osteopathic Physicians | Radiology | Vascular & Interventional Radiology |
| 208600000X | SPE | Allopathic & Osteopathic Physicians | Surgery | |
| 2086S0122X | SPE | Allopathic & Osteopathic Physicians | Surgery | Plastic and Reconstructive Surgery |
| 2086S0129X | SPE | Allopathic & Osteopathic Physicians | Surgery | Vascular Surgery |
| 2086S0127X | SPE | Allopathic & Osteopathic Physicians | Surgery | Trauma Surgery |
| 208G00000X | SPE | Allopathic & Osteopathic Physicians | Thoracic Surgery (Cardiothoracic Vascular Surgery) | |

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| Taxonomy | PCP/SPE | Type | Classification | Specialization |
|-----------------|----------------|--|-----------------------------|---|
| 208800000X | SPE | Allopathic & Osteopathic Physicians | Urology | |
| 261Q00000X | PCP | Ambulatory Health Care Facilities | Clinic/Center | |
| 101YM0800X | SPE | Behavioral Health & Social Service Providers | Counselor | Mental Health |
| 103T00000X | SPE | Behavioral Health & Social Service Providers | Psychologist | |
| 1041C0700X | SPE | Behavioral Health & Social Service Providers | Social Worker | Clinical |
| 104100000X | SPE | Behavioral Health & Social Service Providers | Social Worker | |
| 111N00000X | SPE | Chiropractic Providers | Chiropractor | |
| 111NI0013X | SPE | Chiropractic Providers | Chiropractor | Independent Medical Examiner |
| 133V00000X | SPE | Dietary and Nutritional Service Providers | Dietitian, Registered | |
| 152W00000X | SPE | Eye and Vision Services Providers | Optometrist | |
| 291U00000X | SPE | Laboratories | Clinical Medical Laboratory | |
| 176B00000X | PCP | Other Service Providers | Midwife | |
| 174400000X | SPE | Other Service Providers | Specialist | |
| 367A00000X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Advanced Practice Midwife | |
| 367H00000X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Anesthesiologist Assistant | |
| 364SM0705X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Clinical Nurse Specialist | Medical-Surgical |
| 364SP0809X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Clinical Nurse Specialist | Psych/Mental Health |
| 364S00000X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Clinical Nurse Specialist | |
| 364SA2200X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Clinical Nurse Specialist | Adult Health |
| 364SP0807X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Clinical Nurse Specialist | Psych/Mental Health, Child & Adolescent |
| 364SP0808X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Clinical Nurse Specialist | Psych/Mental Health |
| 364SN0000X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Clinical Nurse Specialist | Neonatal |
| 367500000X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Nurse Anesthetist | Certified Registered |
| 363LF0000X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Family |
| 363LP0200X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Pediatrics |

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| Taxonomy | PCP/SPE | Type | Classification | Specialization |
|-----------------|----------------|--|-----------------------|---------------------------|
| 363L00000X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | |
| 363LA2200X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Adult Health |
| 363LW0102X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Women's Health |
| 363LG0600X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Gerontology |
| 363LP0808X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Psych/Mental Health |
| 363LX0001X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Obstetrics & Gynecology |
| 363LN0005X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Neonatal Critical Care |
| 363LN0000X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Neonatal |
| 363A00000X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Physician Assistant | |
| 363AM0700X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Physician Assistant | Medical |
| 363AS0400X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Physician Assistant | Surgical |
| 363LP0222X | SPE | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Pediatrics, Critical Care |
| 363LP2300X | PCP | Physician Assistants & Advanced Practice Nursing Providers | Nurse Practitioner | Primary Care |
| 213E00000X | SPE | Podiatric Medicine & Surgery Service Providers | Podiatrist | |
| 213ES0103X | SPE | Podiatric Medicine & Surgery Service Providers | Podiatrist | Foot & Ankle Surgery |
| 213ES0131X | SPE | Podiatric Medicine & Surgery Service Providers | Podiatrist | Foot Surgery |
| 225100000X | SPE | Rehabilitative & Restorative Service Providers | Developmental | Physical Therapist |
| 390200000X | PCP | Student in an Organized Health Care Training Program | | |
| 333600000X | SPE | Suppliers | Pharmacy | |