

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

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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

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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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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	