

Coding Reference Guide Measurement Year 2025

Childhood Immunization Status (CIS-E)



Measure Description

Children who turned two years of age during 2025 who had each of the vaccinations noted below within the appropriate timeframe:

| Vaccine Description | No. of Doses |
|---|--------------|
| Diphtheria, Tetanus, Acellular Pertussis (DTaP) | Four |
| Inactivated Polio (IPV) | Three |
| Measles, Mumps, Rubella (MMR) | One |
| Haemophilus Influenza Type B (HiB) | Three |
| Hepatitis B (HepB) | Three |

| Vaccine Description (cont.) | No. of Doses |
|------------------------------|--------------|
| Varicella Zoster (VZV) | One |
| Pneumococcal Conjugate (PCV) | Four |
| Hepatitis A (HepA) | One |
| Rotavirus (RV) | Two or Three |
| Influenza (Flu) | Two |

DTaP Any of the following on or before the second birthday meet criteria:

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| Four DTaP Vaccinations on Different Dates of Service | <p>DTaP Immunizations CVX: 20, 50, 106, 107, 110, 120, 146, 198</p> <hr/> <p>DTaP Vaccine Procedure CPT: 90697, 90698, 90700, 90723</p> <hr/> <p>SNOMED: 310306005, 310307001, 310308006, 312870000, 313383003, 390846000, 390865008, 399014008, 412755006, 412756007, 412757003, 412762002, 412763007, 412764001, 414001002, 414259000, 414620004, 415507003, 415712004, 770608009, 770616000, 770617009, 770618004, 787436003, 866158005, 866159002, 866226006, 868273007, 868274001, 868276004, 868277008, 1162640003, 428251000124104, 571571000119105, 572561000119108, 16290681000119103</p> |
| Anaphylaxis Due to the DTaP Vaccine | <p>SNOMED: 428281000124107, 428291000124105</p> |
| Encephalitis Due to the DTaP Vaccine | <p>SNOMED: 192710009, 192711008, 192712001</p> |

| IPV Either of the following on or before the second birthday meet criteria: | |
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| Three IPV Vaccinations On Different Dates of Service | IPV Immunization CVX: 10, 89, 110, 120, 146 |
| | IPV Vaccine Procedure CPT: 90697, 90698, 90713, 90723 |
| | SNOMED: 310306005, 310307001, 310308006, 312869001, 312870000, 313383003, 390865008, 396456003, 412762002, 412763007, 412764001, 414001002, 414259000, 414619005, 414620004, 415507003, 415712004, 416144004, 416591003, 417211006, 417384007, 417615007, 866186002, 866227002, 868266002, 868267006, 868268001, 868273007, 868274001, 868276004, 868277008, 870670004, 572561000119108, 16290681000119103 |
| Anaphylaxis Due to the IPV Vaccine | SNOMED: 471321000124106 |
| MMR Any of the following meet the criteria: | |
| One MMR Vaccination On or Between the First and Second Birthday | MMR Immunization CVX: 03, 94 |
| | MMR Vaccine Procedure CPT: 90707, 90710 |
| | SNOMED: 38598009, 170431005, 170432003, 170433008, 432636005, 433733003, 871909005, 571591000119106, 572511000119105 |

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| <p>All the Following Anytime On or Before the Second Birthday</p> <ul style="list-style-type: none"> • History of Measles Illness • History of Mumps Illness • History of Rubella Illness <p>Do not include laboratory claims (claims with POS code 81).</p> | <p>History of Measles Illness ICD10: B05.0, B05.1, B05.2, B05.3, B05.4, B05.81, B05.89, B05.9</p> <hr/> <p>SNOMED: 14189004, 28463004, 38921001, 60013002, 74918002, 111873003, 161419000, 186561002, 186562009, 195900001, 240483006, 240484000, 359686005, 371111005, 406592004, 417145006, 424306000, 105841000119101</p> <hr/> <p>History of Mumps Illness ICD10: B26.0, B26.1, B26.2, B26.3, B26.81, B26.82, B26.83, B26.84, B26.85, B26.89, B26.9</p> <hr/> <p>SNOMED: 10665004, 17121006, 31524007, 31646008, 36989005, 40099009, 44201003, 63462008, 72071001, 74717002, 75548002, 78580004, 89231008, 89764009, 111870000, 161420006, 235123001, 236771002, 237443002, 240526004, 240527008, 240529006, 371112003, 1163539003, 105821000119107</p> <hr/> <p>History of Rubella Illness ICD10: B06.00, B06.01, B06.02, B06.09, B06.81, B06.82, B06.89, B06.9</p> <p>SNOMED: 10082001, 13225007, 19431000, 36653000, 51490003, 64190005, 79303006, 128191000, 161421005, 165792000, 186567003, 186570004, 192689006, 231985001, 232312000, 240485004, 253227001, 406112006, 406113001, 1092361000119109, 10759761000119100</p> |
| <p>Anaphylaxis Due to the MMR Vaccine On or Before the Second Birthday</p> | <p>SNOMED: 471331000124109</p> |

| HiB | |
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| Either of the following on or before the second birthday meet the criteria: | |
| Three HiB Vaccinations on Different Dates of Service | HiB Immunization CVX: 17, 46, 47, 48, 49, 50, 51, 120, 146, 148, 198 |
| | HiB Vaccine Procedure CPT: 90644, 90647, 90648, 90697, 90698, 90748 |
| | SNOMED: 127787002, 170343007, 170344001, 170345000, 170346004, 310306005, 310307001, 310308006, 312869001, 312870000, 313383003, 414001002, 414259000, 415507003, 415712004, 428975001, 712833000, 712834006, 770608009, 770616000, 770617009, 770618004, 786846001, 787436003, 1119364007, 116264003, 16292241000119109 |
| Anaphylaxis Due to the HiB Vaccine | SNOMED: 433621000124101 |
| HepB | |
| Any of the following on or before the second birthday meet the criteria: | |
| Three HepB Vaccinations on Different Dates of Service | HepB Immunization CVX: 08, 44, 45, 51, 110, 146, 198 |
| | HepB Procedure CPT: 90697, 90723, 90740, 90744, 90747, 90748 |
| | HCPCS: G0010 |
| | SNOMED: 16584000, 170370000, 170371001, 170372008, 170373003, 170374009, 170375005, 170434002, 170435001, 170436000, 170437009, 312868009, 396456003, 416923003, 770608009, 770616000, 770617009, 770618004, 786846001, 1162640003, 572561000119108 |
| | Newborn Hepatitis B Vaccine Administered ICD10: 3E0234Z |
| (One of the three vaccinations can be a newborn HepB vaccine administered during the first eight days of life—on the date of birth through seven days after birth) | |

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| <p>History of Hepatitis B Illness</p> <p>Do not include laboratory claims (claims with POS code 81).</p> | <p>ICD10: B16.0, B16.1, B16.2, B16.9, B17.0, B18.0, B18.1, B19.10, B19.11</p> <p>SNOMED: 1116000, 13265006, 26206000, 38662009, 50167007, 53425008, 60498001, 61977001, 66071002, 76795007, 111891008, 165806002, 186624004, 186626002, 186639003, 235864009, 235865005, 235869004, 235871004, 271511000, 313234004, 406117000, 424099008, 424340000, 442134007, 442374005, 446698005, 838380002, 1230342001, 153091000119109, 551621000124109, 16859701000119109</p> |
| <p>Anaphylaxis Due to the HepB Vaccine</p> | <p>SNOMED: 428321000124101</p> |
| <p>VZV Any of the following meet the criteria:</p> | |
| <p>One VZV vaccination on or Between the First and Second Birthday</p> | <p>VZV Immunization CVX: 21, 94</p> <p>VZV Vaccine Procedure CPT: 90710, 90716</p> <p>SNOMED: 425897001, 428502009, 432636005, 433733003, 737081007, 871898007, 871899004, 871909005, 572511000119105</p> |
| <p>History of VZV (Chicken Pox) Anytime on or Before the Second Birthday</p> <p>Do not include laboratory claims (claims with POS code 81).</p> | <p>ICD10: B01.0, B01.11, B01.12, B01.2, B01.81, B01.89, B01.9, B02.0, B02.1, B02.21, B02.22, B02.23, B02.24, B02.29, B02.30, B02.31, B02.32, B02.33, B02.34, B02.39, B02.7, B02.8, B02.9</p> <p>SNOMED: 4740000, 10698009, 21954000, 23737006, 24059009, 31920006, 36292003, 38907003, 42448002, 49183009, 55560002, 87513003, 111859007, 111861003, 161423008, 186524006, 195911009, 230176008, 230198004, 230262004, 230536009, 232400003, 235059009, 240468001, 240470005, 240471009, 240472002, 240473007, 240474001, 309465005, 371113008, 397573005, 400020001, 402897003, 402898008, 402899000, 410500004, 410509003, 421029004, 422127002, 422446008, 422471006, 422666006, 423333008, 423628002, 424353002, 424435009, 424801004, 424941009, 425356002, 426570007, 428633000, 713250002, 713733003, 713964006, 715223009, 723109003, 838357005, 1163465001, 1163483009, 1179456002, 12551000132107, 12561000132105, 12571000132104,</p> |

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| History of VZV (Chicken Pox) Anytime on or Before the Second Birthday (cont.) | 98541000119101, 331071000119101, 681221000119108, 1087131000119102, 15678761000119105, 15678801000119102, 15678841000119100, 15680201000119106, 15680241000119108, 15681321000119100, 15681401000119101, 15685081000119102, 15685121000119100, 15685161000119105, 15936581000119108, 15936621000119108, 15989271000119107, 15989311000119107, 15989351000119108, 15991711000119108, 15991751000119109, 15991791000119104, 15992351000119104, 16000751000119105, 16000791000119100, 16000831000119106 |
| Anaphylaxis Due to the VZV Vaccine on or before the Second Birthday | SNOMED: 471341000124104 |
| PCV Either of the following on or before the second birthday meet the criteria: | |
| Four PCV Vaccinations on Different Dates of Service | PCV Immunization CVX: 109, 133, 152, 215, 216 |
| | Pneumococcal Vaccine Procedure CPT: 90670, 90671, 90677 |
| | HCPCS: G0009 |
| | SNOMED: 12866006, 394678003, 871833000, 1119366009, 1119368005, 1296904008, 434751000124102 |
| Anaphylaxis Due to the PCV Vaccine | SNOMED: 471141000124102 |
| HepA Any of the following meet the criteria: | |
| One HepA Vaccination On or Before the First and Second Birthday | HepA Immunization CVX: 31, 83, 85 |
| | HepA Vaccine Procedure CPT: 90633 |

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| One HepA Vaccination On or Before the First and Second Birthday (cont.) | SNOMED: 170378007, 170379004, 170380001, 170381002, 170434002, 170435001, 170436000, 170437009, 243789007, 312868009, 314177003, 314178008, 314179000, 394691002, 871752004, 871753009, 871754003, 571511000119102 |
| History of HepA Illness On or Before the First and Second Birthday Do not include laboratory claims with POS code 81 | ICD10: B15.0, B15.9 SNOMED: 16060001, 18917003, 25102003, 40468003, 43634002, 79031007, 111879004, 165997004, 206373002, 278971009, 310875001, 424758008, 428030001, 105801000119103 |
| Anaphylaxis Due to the HepA Vaccine On or Before the First and Second Birthday | SNOMED: 471311000124103 |
| RV Any of the following on or before the second birthday meet the criteria: | |
| Two of the 2-Dose RV Vaccine on Different Dates of Service | 2-Dose RV Immunization CVX: 119 2-Dose RV Procedure CPT: 90681 SNOMED: 434741000124104 |
| Three Vaccinations of the 3-Dose RV Vaccine On Different Dates of Service | 3-Dose RV Immunization CVX: 116, 122 3-Dose RV Vaccine Procedure CPT: 90680 SNOMED: 434731000124109 |

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| Anaphylaxis Due to the RV Vaccine | SNOMED: 428331000124103 |
| Combining vaccines: If immunizations were given using a combination of the 2-dose and 3-dose vaccine, three doses are required (one 2-dose and two 3-dose). | |
| Influenza Either of the following on or before the second birthday meet the criteria: | |
| Two Flu Vaccinations with Different Dates of Service One of the two vaccinations can be a live attenuated influenza vaccine (LAIV) only if administered on the second birthday. | Influenza Immunization CVX: 88, 140, 141, 150, 153, 155, 158, 161, 171, 186 |
| | Influenza Vaccine Procedure CPT: 90655, 90657, 90661, 90673, 90674, 90685, 90686, 90687, 90688, 90689, 90756 |
| | SNOMED: 86198006 |
| | Influenza LAIV Immunization CVX: 111, 149 |
| | Influenza LAIV Vaccine Procedure CPT: 90660, 90672 |
| | SNOMED: 787016008 |
| Anaphylaxis Due to the Flu Vaccine | SNOMED: 471361000124100 |
| The following will exclude Members from this measure: | |
| Hospice Encounter During 2025 | HCPCS: G9473, G9474, G9475, G9476, G9477, G9478, G9479, Q5003, Q5004, Q5005, Q5006, Q5007, Q5008, Q5010, S9126, T2042, T2043, T2044, T2045, T2046 |
| | SNOMED: 183919006, 183920000, 183921001, 305336008, 305911006, 385765002 |
| | UBREV: |

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| Hospice Encounter During 2025 (cont.) | 0115, 0125, 0135, 0145, 0155, 0235, 0650, 0651, 0652, 0655, 0656, 0657, 0658, 0659 |
| Hospice Intervention During 2025 | CPT: 99377, 99378 |
| | HCPCS: G0182 |
| | SNOMED: 170935008, 170936009, 385763009 |
| Members who died any time during 2025 | |
| Members who had a contraindication to a childhood vaccine or organ and bone marrow transplant on or before their second birthday. Do not include laboratory claims (claims with POS 81). | |

Tips and Best Practices to Help Improve Performance

- Assess immunization needs at each clinical encounter such as sick visits, follow-up visits, well-child visits, annual/sports physicals, weight checks, etc.
- Childhood immunizations can be completed by the child's 15 month birthday
 - Check immunization status at 12 months of age to allow time to catch up by their second birthday
- Provide immunization tracking booklets to parents/guardians to help reinforce and promote active participation in their child's immunization schedule
- Ensure that immunization records include all vaccine doses that were administered at other locations such as hospitals or county health departments
 - Also include the names of all former providers, contraindications or allergies and date, and immune status such as history of disease and titers
 - Document all parent/guardian vaccine refusals and date in the immunization record
 - Continue to educate and discuss the importance of adolescent immunizations at every encounter
- Establish office procedures to help eliminate missed opportunities to vaccinate:
 - Enter vaccinations in your regional Immunization Information System (NYSIIS)
 - Track missed vaccines and review your practice immunization rates
 - Send appointment confirmations to parents/guardians using postcards, phone calls, texts, emails, or patient portal
 - Consider extending office hours or adding weekend hours to conduct vaccine clinics
 - Reschedule appointments for those who did not show up for a vaccine visit

Tips and Best Practices to Help Improve Performance (cont.)

- Schedule the child's next appointment at the end of every office visit
- Utilize the monthly Gaps in Care (GIC) report for a list of MVP members who need preventive care services
- Consider utilizing alerts and flags within the electronic health record (EHR)
- Discuss the importance of early detection and encourage preventive care
- Document preventive care in the medical record with specific date and results
- Document medical and surgical history in the medical record and include dates
- Submit results to your local Regional Health Information Organization (RHIO)
- Use correct diagnosis and procedure codes and submit claims and encounter data in a timely manner
- Stock patient areas and exam rooms with educational materials such as those found here:
 - **Vaccines and Immunizations | CDC**
 - **Pregnancy and Family - MVP Health Care**