| Family              | Vaccine Trade Name       | Select this Vaccine Type in WVSIIS      | Manufacturer (Code)    | Licensure Date<br>Range | CPT<br>Codes |  |  |
|---------------------|--------------------------|---|------------------------|-------------------------|--------------|--|--|
| Combo Vaccines      | Comvax®                  | HepB / Hib                              | Merck (MSD)            | 1996 - Present          | 90748        |  |  |
|                     | Kinrix®                  | DTaP / IPV                              | GlaxoSmithKline (SKB)  | 2008 - Present          | 90696        |  |  |
|                     | Pediarix®                | DTaP / HepB / IPV                       | GlaxoSmithKline (SKB)  | 2002 - Present          | 90723        |  |  |
|                     | Pentacel®                | DTaP / Hib / IPV                        | Sanofi Pasteur (PMC)   | 2008 - Present          | 90698        |  |  |
| oqu                 | Twinrix®                 | HepA / HepB - Adult                     | GlaxoSmithKline (SKB)  | 2001 - Present          | 90636        |  |  |
| Con                 | Trihibit®                | DTaP / Hib                              | Sanofi Pasteur (PMC)   | 1996 - Present          | 90721        |  |  |
|                     | Proquad®                 | MMR/Varicella                           | Merck (MSD)            | 2005 - Present          | 90710        |  |  |
|                     | Kinrix®                  | See Combo Vaccines Section              |                        |                         |              |  |  |
|                     | Pediarix®                | See Combo Vaccines Section              |                        |                         |              |  |  |
|                     | Pentacel®                | See Combo Vaccines Section              |                        |                         |              |  |  |
|                     | Trihibit®                | See Combo Vaccines Section              |                        |                         |              |  |  |
|                     | Daptacel®                | DTaP, 5 pertussis antigens              | Sanofi Pasteur (PMC)   | 2002 - Present          | 90700        |  |  |
| <u> </u>            | Infanrix®                | DTaP                                    | GlaxoSmithKline (SKB)  | 1997 - Present          | 90700        |  |  |
| Tda                 | Tripedia®                | DTaP                                    | Sanofi Pasteur (PMC)   | 1996 - Present          | 90700        |  |  |
| /Td/                | Acel-Immune®             | DTaP                                    | (Discontinued in U.S.) | 1991 - 2001             | 90700        |  |  |
| TO/                 | Certiva®                 | DTaP                                    | (Discontinued in U.S.) | 1998 - 2000             | 90700        |  |  |
| DTaP/DTP/DT/Td/Tdap | DTaP, type unknown       | DTaP-unspecified (historical data only) | n/a                    | 1991 - Present          | 90700        |  |  |
| ГаР /               | DTP, whole cell          | DTP (historical data only)              | (Discontinued in U.S.) | 1949 - 1997             | 90701        |  |  |
| <u>.</u>            | DT – pediatric (Generic) | DT (Pediatric)                          | Sanofi Pasteur (PMC)   | 1984 - Present          | 90702        |  |  |
|                     | Td – adult (Generic)     | Td (Adult)                              | MassBiologics (MBL)    | 1970 - Present          | 90718        |  |  |
|                     | Tenivac®                 | Td (Adult)                              | Sanofi Pasteur (PMC)   | 2003 - Present          | 90718        |  |  |
|                     | Decavac®                 | Td Adult – Preserv Free                 | Sanofi Pasteur (PMC)   | 2003 - Present          | 90714        |  |  |
|                     | Adacel®                  | Tdap                                    | Sanofi Pasteur (PMC)   | 2005 - Present          | 90715        |  |  |
|                     | Boostrix®                | Tdap                                    | GlaxoSmithKline (SKB)  | 2005 - Present          | 90715        |  |  |

| Family      | Vaccine Trade Name               | Select this Vaccine Type in WVSIIS         | Manufacturer (Code)    | Licensure Date<br>Range | CPT<br>Codes |  |
|-------------|----------------------------------|--|------------------------|-------------------------|--------------|--|
| Hepatitis A | Twinrix®                         | See Combo Vaccines Section                 |                        |                         |              |  |
|             | VAQTA® (Ped/Adol dose)           | Hep A 2 dose – Ped/Adol                    | Merck (MSD)            | 1996 - Present          | 90633        |  |
|             | Havrix® (Ped/Adol dose)          | Hep A 2 dose – Ped/Adol                    | GlaxoSmithKline (SKB)  | 1995 - Present          | 90633        |  |
|             | VAQTA® (Adult dose)              | Hep A 2 dose – Adult                       | Merck (MSD)            | 1996 - Present          | 90632        |  |
| Ξ̈́         | Havrix® (Adult dose)             | Hep A 2 dose – Adult                       | GlaxoSmithKline (SKB)  | 1995 - Present          | 90632        |  |
|             | Hepatits A vaccine, type unknown | Hep A – Unspecified (historical data only) | n/a                    | 1995 - Present          | 90630        |  |
|             | Comvax®                          | See C                                      | Combo Vaccines Section |                         |              |  |
|             | Pediarix®                        | See C                                      | Combo Vaccines Section |                         |              |  |
|             | Twinrix®                         | See C                                      | Combo Vaccines Section |                         |              |  |
| <b>m</b>    | Energix-B® (Ped/Adol dose)       | Hep B Ped/Adol Preserv free                | GlaxoSmithKline (SKB)  | 2000 - Present          | 90744        |  |
| atitis      | Recombivax-HB® (Ped/Adol dose)   | Hep B Ped/Adol Preserv free                | Merck (MSD)            | 1999 - Present          | 90744        |  |
| Hepatitis B | Energix-B® (Adult dose)          | Hepatitis B - adult                        | GlaxoSmithKline (SKB)  | 2000 - Present          | 90746        |  |
| _           | Recombivax-HB® (Adult dose)      | Hepatitis B - adult                        | Merck (MSD)            | 1999 - Present          | 90746        |  |
|             | Recombivax-HB® (Adol 2 dose)     | Hep B 2 dose - Adol/Adult                  | Merck (MSD)            | 1999 - Present          | 90743        |  |
|             | Hepatits B vaccine, type unknown | Hep B – Unspecified (historical data only) | n/a                    | 1981 - Present          | 90731        |  |
|             | Comvax®                          | See Combo Vaccines Section                 |                        |                         |              |  |
|             | Pentacel®                        | See Combo Vaccines Section                 |                        |                         |              |  |
|             | Trihibit®                        | See Combo Vaccines Section                 |                        |                         |              |  |
|             | Hiberix®                         | Hib-PRP-T                                  | GlaxoSmithKline (SKB)  | 2009 - Present          | 90648        |  |
| ЯĦ          | ActHib®                          | Hib-PRP-T                                  | Sanofi Pasteur (PMC)   | 1996 - Present          | 90648        |  |
|             | PedvaxHib®                       | Hib-PRP-OMP                                | Merck (MSD)            | 1996 - Present          | 90647        |  |
|             | HibTITER®                        | Hib-HbOC (historical data only)            | (Discontinued in U.S.) | 1990 - 2007             | 90645        |  |
|             | ProHIBit®                        | Hib-PRP-D (historical data only)           | (Discontinued in U.S.) | 1987 - 2000             | 90646        |  |
|             | OmniHib®                         | Hib-PRP-T (historical data only)           | (Discontinued in U.S.) | 1988 - 1996             | 90648        |  |
|             | Hib vaccine, unknown type        | Hib – unspecified (historical data only)   | n/a                    | 1987 - Current          | 90737        |  |

| Family                 | Vaccine Trade Name                    | Select this Vaccine Type in WVSIIS           | Manufacturer (Code)    | Licensure Date<br>Range | CPT<br>Codes |
|------------------------|---------------------------------------|--|------------------------|-------------------------|--------------|
| APV                    | Gardasil®                             | HPV, quadrivalent                            | Merck (MSD)            | 2006 - Present          | 90649        |
| Ï                      | Cervarix®                             | HPV, bivalent                                | GlaxoSmithKline (GSK)  | 2010 - Present          | 90650        |
|                        | Fluzone PF® single-dose vial          | Influ split 6-35 mos pres free               | Sanofi Pasteur (PMC)   | 2002 - Present          | 90655        |
|                        | Fluzone PF® single-dose vial          | Influ split 36+ mos pres free                | Sanofi Pasteur (PMC)   | 2002 - Present          | 90656        |
|                        | Fluzone® multi-dose vial              | Influenza split, 6-35 mos.                   | Sanofi Pasteur (PMC)   | 1999 - Present          | 90657        |
|                        | Fluzone® multi-dose vial              | Influ split 36+ mos                          | Sanofi Pasteur (PMC)   | 1999 - Present          | 90658        |
|                        | Fluvirin® single-dose vial            | Influ Inact 48+ mos pres free                | Novartis (NOV)         | 2005 - Present          | 90656        |
| ıza                    | Fluvirin® multi-dose vial             | Influ Inact 48+ mos w/Thimerosol             | Novartis (NOV)         | 1988 - Present          | 90658        |
| Influenza              | Fluarix® single-dose vial             | Influ split 18+ yrs pres free                | GlaxoSmithKline (SKB)  | 2005 - Present          | 90656        |
| <u>=</u>               | Afluria® single-dose vial             | Influ split 18+ yrs pres free                | CSL Biotherapies (CSL) | 2007 - Present          | 90656        |
|                        | Afluria® multi-dose vial              | Influenza Split                              | CSL Biotherapies (CSL) | 2007 - Present          | 90658        |
|                        | FluLaval® multi-dose vial             | Influenza Split                              | GlaxoSmithKline (SKB)  | 2006 - Present          | 90658        |
|                        | FluMist®                              | Influenza Nasal Spray                        | MedImmune (MED)        | 2003 - Present          | 90660        |
|                        | Influenza vaccine, unknown type       | Influenza—unspecified (historical data only) | n/a                    | 1945 - Present          | 90724        |
|                        | Influenza whole virus vaccine         | Influenza – whole (historical data only)     | (Discontinued in U.S.) | 1945 - 2003             | 90659        |
|                        | H1N1, Medimmune Nasal                 | Novel H1N1,Nasal                             | MedImmune (MED)        | 2009 – 2010             | 90663        |
|                        | H1N1, Sanofi 0.25mL single-dose vial  | Novel H1N1,Presv Free, 6-35 Mos              | Sanofi Pasteur (PMC)   | 2009 – 2010             | 90663        |
| N Y                    | H1N1, Sanofi 0.5mL single-dose vial   | Novel H1N1,Presv Free, 36+ Mos               | Sanofi Pasteur (PMC)   | 2009 – 2010             | 90663        |
| e H                    | H1N1, Sanofi multi-dose vial          | Novel H1N1,Injectable, 36+ Mos               | Sanofi Pasteur (PMC)   | 2009 – 2010             | 90663        |
| (No                    | H1N1, Novartis 0.5mL single-dose vial | Novel H1N1,Presv Free, 48+ Mos               | Novartis (NOV)         | 2009 – 2010             | 90663        |
| Influenza (Novel H1N1) | H1N1, Novartis multi-dose vial        | Novel H1N1,Injectable, 48+ Mos               | Novartis (NOV)         | 2009 – 2010             | 90663        |
| ıflue                  | H1N1, CSL 0.5mL single-dose vial      | Novel H1N1,Presv Free, 18+ Yrs               | CSL Biotherapies (CSL) | 2009 – 2010             | 90663        |
| =                      | H1N1, CSL multi-dose vial             | Novel H1N1,Injectable, 18+ Yrs               | CSL Biotherapies (CSL) | 2009 – 2010             | 90663        |
|                        | H1N1, GSK multi-dose vial             | Novel H1N1,Injectable, 18+ Yrs               | GlaxoSmithKline (SKB)  | 2009 – 2010             | 90663        |
| দ                      | Proquad®                              | See Combo Vaccines Section                   |                        |                         |              |
| MMR                    | MMR-II®                               | MMR  | Merck (MSD)            | 1967 - Present          | 90707        |

| Family                | Vaccine Trade Name               | Select this Vaccine Type in WVSIIS            | Manufacturer (Code)        | Licensure Date<br>Range        | CPT<br>Codes |  |
|-----------------------|----------------------------------|---|----------------------------|--------------------------------|--------------|--|
| <b>6</b> _            | Menactra®                        | Meningococcal Conjugate (MCV4P)               | Sanofi Pasteur (PMC)       | 2005 - Present                 | 90734        |  |
| Meningo-<br>coccal    | Menvio®                          | Meningococcal Conjugate (MCV4O)               | Novartis (NOV)             | 2010 - Present                 | 90734        |  |
|                       | Menomune®                        | Meningococcal (MPSV)                          | Sanofi Pasteur (PMC)       | 1978 - Present                 | 90733        |  |
| a                     | Prevnar 13®                      | Pneumococcal (PCV-13)                         | Wyeth (WAL)                | 2010 - Present                 | 90670        |  |
| Pneumoococcal         | Prevnar®                         | Pneumococcal (PCV)                            | Wyeth (WAL)                | 2000 - 2010                    | 90669        |  |
| 3000                  | Pneumovax-23®                    | Pneumococcal (PPSV)                           | Merck (MSD)                | 1983 - Present                 | 90732        |  |
| neun                  | PNU-IMUNE 23®                    | Pneumococcal (PPSV) (historical data only)    | (Discontinued in U.S.)     | 1977 - 2001                    | 90732        |  |
| <u>.</u>              | Pneumococcal vaccine, unk type   | Pneumococcal-unspec (historical data only)    | n/a                        | 1977 - Present                 | n/a          |  |
|                       | Rotarix®                         | Rotavirus, monovalent RV1                     | GlaxoSmithKline (SKB)      | 2008 - Present                 | 90681        |  |
| Rotavirus             | Rotateq®                         | Rotavirus, pentavalent RV5                    | Merck (MSD)                | 2006 - Present                 | 90680        |  |
| otav                  | Rotashield®                      | Rotavirus, tetravalent (historical data only) | (Discontinued in the U.S.) | 1998 - 1999                    | n/a          |  |
| œ e                   | Rotavirus vaccine, unknown type  | Rotavirus, NOS (historical data only)         | n/a                        | 1998 - 1999;<br>2006 - Present | n/a          |  |
|                       | Kinrix®                          |   |                            |                                |              |  |
|                       | Pediarix®                        | See Combo Vaccines Section                    |                            |                                |              |  |
| <u>.e</u>             | Pentacel®                        |   |                            |                                |              |  |
| Polio                 | IPOL®                            | IPV   | Sanofi Pasteur (PMC)       | 1987 - Present                 | 90713        |  |
|                       | Orimune®                         | OPV (historical data only)                    | (Discontinued in the U.S.) | 1963 - 2000                    | 90712        |  |
|                       | Poliovirus vaccine, unknown type | Polio – unspecified (historical data only)    | n/a                        | 1955 - Present                 | n/a          |  |
|                       | Proquad®                         | See Combo Vaccines Section                    |                            |                                |              |  |
| - la -                | Varivax®                         | Varicella                                     | Merck (MSD)                | 1995 - Present                 | 90716        |  |
| Varicella -<br>Zoster | Zostavax®                        | Zoster, live                                  | Merck (MSD)                | 2006 - Present                 | 90736        |  |

### **WVSIIS Data Quality Tips**

> REPORT THE CORRECT VACCINE: It is possible to report the wrong vaccine type due to vaccine types that sound or look similar to one another. Be aware of vaccine types that sound similar, yet are quite different. For example:

| Vaccine Name in WVSIIS        | Trade Name  | Manufacturer  | Comments about Vaccine Differences   |  |  |
|-------------------------------|---|---|--|--|--|
| ROTAVIRUS                     |   |   |  |  |  |
| Rotavirus, monovalent RV1     | Rotarix®  | GlaxoSmithKline   | 2-dose series, licensed in 2008  |  |  |
| Rotavirus, pentavalent RV5    | Rotateq®  | Merck   | <b>3-dose</b> series, licensed in <b>2006</b>  |  |  |
| Rotavirus, tetravalent        | Rotashield®   | Wyeth   | Discontinued, licensed 1998-1999   |  |  |
| PNEUMOCOCCAL                  |   |   |  |  |  |
| Pneumococcal (PCV)            | Prevnar®  | Wyeth   | Routine <b>child</b> vaccine   |  |  |
| Pneumococcal (PPSV)           | Pneumovax-23®   | Merck   | Routine <b>adult</b> vaccine; given to children age 2 yrs or more with underlying medical conditions   |  |  |
|                               |   | MENINGOCOCCAL   |  |  |  |
| Meningococcal Conjugate (MCV) | Menactra®   | Sanofi  | Licensed in 2005   |  |  |
| Meningococcal (MPSV)          | Menomune®   | Sanofi  | Licensed in 1978   |  |  |
|                               |   | , DIPHTHERIA, & PEI                                       | RTUSSIS  |  |  |
| DTaP                          | Daptacel®,<br>Infanrix®,<br>Tripedia®, etc.   | Sanofi,<br>GlaxoSmithKline,<br>Merck, etc.                | Routine <b>child</b> vaccine   |  |  |
| Tdap                          | Boostrix®, Adacel®  | GlaxoSmithKline,<br>Sanofi                                | Routine adolescent/adult vaccine   |  |  |
| INFLUENZA                     |   |   |  |  |  |
| Influenza split (various)     | Fluzone <sup>®</sup> ,<br>Fluvirin <sup>®</sup> , Fluarix <sup>®</sup> ,<br>Affluria <sup>®</sup> , Flulaval <sup>®</sup> | Sanofi, Novartis,<br>GlaxoSmithKline,<br>CSL BioTherapies | Split <u>does not</u> refer to dosage. "Split virion" vaccines are the only type of inactivated influenza vaccine currently used in the U.S. |  |  |
| Influenza whole               | n/a   | n/a   | Whole <u>does not</u> refer to dosage. "Whole virus" vaccines were <u>discontinued</u> in the U.S. in 2003                                   |  |  |
| COMBINATIONS                  |   |   |  |  |  |
| DTaP / Hib / IPV              | Pentacel®   | Merck   | Licensed in 2008; Contains Hib antigen   |  |  |
| DTaP / HepB / IPV             | Pediarix <sup>®</sup>   | GlaxoSmithKline   | Licensed in <b>2002</b> Does <u>NOT</u> contain Hib antigen  |  |  |

- **COMBO VACCINES:** Be sure to report combination vaccines as the appropriate combination vaccine type in WVSIIS and not as the individual antigens.
  - o For example: if reporting a Kinrix®, report as 'DTaP/IPV' in WVSIIS--not as 'DTaP' and 'IPV' separately

### **WVSIIS Data Quality Tips (continued)**

- ➤ **VACCINE DOSAGE:** when reporting a pediatric or adult dose of influenza, hepatitis A, or hepatitis B vaccine, be sure to select the vaccine type in WVSIIS that matches the dose given
- **PATIENT SEARCHING:** To minimize the risk of reporting a duplicate patient, a good practice is to first search using only the first letter of the patient's first (or last) name and the patient's date of birth. This allows for misspellings.
  - o If this produces no results that match your patient, try the full first and last name <u>without</u> date of birth before attempting to create a new patient. This allows for potential date of birth errors.
  - o If you notice a possible duplicate patient, you can report duplicates to WVSIIS for merging
- ➤ **ADMINISTERED VS. HISTORICAL:** Know the difference between when reporting vaccinations:
  - An administered vaccination is any reported vaccination given by your facility, past or present
  - o An historical vaccination is any reported vaccination NOT given by your facility
  - When you are reporting <u>historical</u> vaccinations and are not sure of the specific type of vaccine, it is best not to assume the vaccine type; when in doubt, report the vaccine type as unspecified
- TIMELY REPORTING: In order to keep WVSIIS records as up-to-date as possible, please remember to report administered immunizations at least every 2 weeks (as required by law for children 18 years and younger)
- > IMPROVING COVERAGE RATES: AFIX and VFC increasingly rely on WVSIIS data to monitor immunization coverage when performing provider assessments. Improve your facility's coverage rate by practicing the following good habits:
  - Report historical vaccinations for your patients to complete their record in WVSIIS
  - o Mark patients inactive that have not returned after three or more attempts to contact
  - Use the reminder/recall tools in WVSIIS to identify children that are missing vaccinations
- > WVSIIS DATA FIELDS: Report information as completely as possible when submitting data to WVSIIS. The following data fields are considered <u>essential</u> by the Centers for Disease Control and Prevention for ensuring a comprehensive vaccination database:

|   | - c.c c                     |  |
|---|-----------------------------|--|
| • | Patient Name: first, middle |  |
|   | initial, and last           |  |
| • | Patient gender              |  |
| • | Patient date of birth       |  |
| • | Mother's maiden name        |  |
| • | Patient race                |  |

Patient address: street, city, county, state and zip code

Patient ethnicity

Patient phone #

Patient data:

- Vaccination data:
  - Vaccine type
  - Vaccination date
  - Vaccine lot number
  - Vaccine manufacturer

- Data quality has the potential to impact patient care, so please be vigilant with the data you report to WVSIIS
  - Data quality checks are being performed on a monthly basis; providers are contacted if issues are detected
  - o If you report to WVSIIS by uploading a data file, pay attention to error logs and contact WVSIIS if help is needed

WVSIIS HelpDesk: (877) 408-8930