Vaccines for Children
Provider Handbook
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Section 1 - Vaccines for Children (VFC) Program Overview

The Vaccines for Children (VFC) program was established by Congress in 1994 to increase access to vaccination for children who might not get vaccinated because of financial barriers.

The VFC program serves children through 18 years of age who meet at least one of the following criteria:
- American Indian or Alaska Native (AI/AN)
- Medicaid-eligible
- Uninsured
- Underinsured

To reach VFC-eligible children, the Centers for Disease Control and Prevention (CDC) uses federal funds to purchase vaccines and distribute them at no cost to public health clinics and private providers enrolled in the program. CDC provides funding to 61 state, local, and territorial immunization program awardees to implement and oversee the VFC program. These awardees provide vaccines to participating providers to meet the specific needs of eligible children in their jurisdictions.

VFC Program At-a-Glance
CDC’s immunization program awardees enroll public and private health care providers into the VFC program to meet the immunization needs of VFC-eligible children in their respective jurisdictions. Awardees educate enrolled providers on VFC program requirements, vaccine management, and fraud and abuse violations.

CDC contracts with vaccine manufacturers to buy vaccines at a federal discount. VFC providers order vaccines (including seasonal influenza vaccine) recommended by the Advisory Committee on Immunization Practices (ACIP) at no cost through their state, local, or territorial VFC program.

VFC providers agree to follow all VFC requirements, which include screening patients for VFC eligibility at each immunization encounter and documenting their eligibility status. VFC-purchased vaccines can be administered only to children who are eligible. Awardees monitor providers to ensure VFC compliance and provide guidance, with the goal of vaccinating more infants, children, and teens on schedule.

VFC Fast Facts
- VFC benefits an estimated 40 million children
- Approximately 39,000 enrolled health care providers
- 61 VFC state, local, and territorial immunization program awardees
- Approximately 79 million VFC vaccine doses distributed in 2017
**VFC Program Benefits**
- Provides cost savings to states and territories through bulk purchase of vaccines at lower prices using CDC’s contracts, and eliminates state-to-state differences in price
- Reduces referrals of children from private providers to state health departments for vaccination
- Saves VFC-enrolled providers out-of-pocket expenses for vaccines
- Eliminates or reduces vaccine cost as a barrier to vaccinating eligible children

**VFC Vaccines**
Vaccines covered by the VFC program are recommended by ACIP to protect infants, children, and teenagers from 16 vaccine-preventable diseases. ACIP is a federal advisory group of medical and public health experts that develops recommendations on the use of vaccines to prevent and control diseases in the United States. The group provides guidance on:
- Age for vaccine administration
- Number of doses and dosing intervals
- Precautions and contraindications to vaccination

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<th>Vaccine</th>
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<td>Varicella, MMRV§</td>
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<td>MMR, ** MMRV§</td>
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<td>Diphtheria</td>
<td>DTaP, * DT, ** Td, ** Tdap, * Kinrix, § Quadracel, § Pentacel, §§ Pediarix¶</td>
<td>Mumps</td>
<td>MMR, ** MMRV§</td>
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<td>Hib (Haemophilus influenzae type b)</td>
<td>Hib, Pentacel §§</td>
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<td>DTaP, * Tdap, Kinrix, § Quadracel, § Pentacel, §§ Pediarix¶</td>
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<td>Influenza (Flu)</td>
<td>Flu</td>
<td>Rubella</td>
<td>MMR, ** MMRV§</td>
</tr>
<tr>
<td>Meningococcal</td>
<td>MenACWY, MenB</td>
<td>Tetanus</td>
<td>DTaP, * DT, ** Td, ** Tdap, * Kinrix, § Quadracel, § Pentacel, §§ Pediarix¶</td>
</tr>
</tbody>
</table>

*DTaP and Tdap combine protection against diphtheria, tetanus, and pertussis.
**DT and Td combine protection against diphtheria and tetanus.
**MMR combines protection against measles, mumps, and rubella.
§MMRV is a combination vaccine containing MMR and varicella.
§§Kinrix and Quadracel are combination vaccines containing DTaP and IPV.
§§§Pentacel is a combination vaccine containing DTaP, IPV, and Hib.
¶Pediarix is a combination vaccine containing DTaP, IPV, and HepB.
¶¶Source: Centers for Disease Control and Prevention (CDC)
**VFC Program History**

- Congress created the VFC program in response to the 1989–1991 measles outbreak in the United States, at a time when vaccination coverage was low. The measles epidemic resulted in tens of thousands of cases and hundreds of deaths.
- The VFC program was created as part of the Omnibus Budget Reconciliation Act of 1993. It was established as a new entitlement program required to be a part of each state’s Medicaid plan. The VFC program is a Title XIX Medicaid program.
- Section 1928 of the Social Security Act (42 U.S.C. §1396S) provides the legal authority for the VFC program by requiring each state to establish a program for pediatric vaccine distribution to registered providers. It provides authority for purchase of vaccines for administration to eligible children using federal Medicaid and state funds (including 317).
- VFC was officially implemented in October 1994 as part of the President’s Childhood Immunization Initiative.
- The VFC program is available in all 50 states, the Commonwealth of Puerto Rico, the U.S. Virgin Islands, American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands.

**VFC Program Funding**

- Funding for the VFC program is approved annually by the Office of Management and Budget (OMB).
- The funds are allocated through the Centers for Medicare and Medicaid Services (CMS) to CDC.
- CDC awards VFC funding through a cooperative agreement to 61 state, local, and territorial immunization programs.

**VFC Program Oversight**

- The VFC program is administered at the national level by CDC through its National Center for Immunization and Respiratory Diseases (NCIRD).
- CDC is the lead agency responsible for VFC policy development and national program oversight. Medicaid Title XIX of the Social Security Act is a federal/state entitlement program that pays for medical assistance for certain individuals and families with low incomes and limited resources. This program, known as Medicaid, became law in 1965 as a cooperative venture, jointly funded by the federal and state governments (including the District of Columbia and the territories) to assist states in furnishing medical assistance to eligible persons. Medicaid is the largest source of funding for medical and health-related services for America’s low-income citizens. Within broad national guidelines established by the federal government, each state Medicaid program can:
  - Establish its own eligibility standards
  - Determine the type, amount, duration, and scope of services
  - Set the rate of payment for services
  - Administer its own program
**Vaccine Administration Fees and Fee Caps**

VFC providers cannot charge an eligible child’s parent a fee for the vaccine itself. However, they can charge a fee to administer each vaccine. The legislation that created the VFC program sets a limit on the dollar amount a provider can charge and be reimbursed for administering vaccines to VFC-eligible children. This means a provider may charge a patient any amount up to, but not exceeding, the vaccine administration fee.

According to the initial VFC program legislation, enrolled providers agree to the following vaccine administration fee requirements:

- Providers cannot deny access to federally purchased vaccines to an established patient whose parent is unable to pay the vaccine administration fee. Providers also cannot bill a patient if they are unable to pay the vaccine administration fee at the time of the visit.
- Providers cannot charge a vaccine administration fee to non-Medicaid VFC-eligible children that exceeds the federal administration fee cap. For Medicaid VFC-eligible children, the provider must accept the reimbursement for vaccination set by the state Medicaid agency or the contracted Medicaid health plans.

Note: Providers may charge an office visit fee in addition to the vaccine administration fee. This is not prohibited by the VFC statute.
Section 2 - Patient Eligibility and Insurance Overview

VFC providers agree to screen patients for program eligibility at each immunization encounter and document their eligibility status. VFC vaccines can be administered only to children who meet the congressionally mandated eligibility requirements for the program. When screening patients, providers should select and document the VFC eligibility category requiring the least out-of-pocket expense to the parent. Awardees must ensure that providers fully understand the VFC eligibility categories and are meeting this basic program requirement of documenting VFC eligibility at each immunization visit.

Program Eligibility Criteria
The VFC program provides vaccines at no cost to children 18 years of age or younger who meet at least one of the following criteria:
- American Indian/Alaska Native (AI/AN)
- Medicaid-eligible
- Uninsured
- Underinsured

<table>
<thead>
<tr>
<th>VFC Eligibility Criteria</th>
<th>Definition</th>
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<tr>
<td>American Indian or Alaska Native (AI/AN)</td>
<td>This population is defined by the <a href="https://www.hhs.gov/about/funding/partnerships/health-care-improvement-act/index.html">Indian Health Care Improvement Act (25 U.S.C. 1603)</a>. (AI/AN children are VFC-eligible under any circumstance.)</td>
</tr>
<tr>
<td>Medicaid-eligible</td>
<td>Children who are eligible for the Medicaid program (For the purposes of the VFC program, the terms “Medicaid-eligible” and “Medicaid-enrolled” are used interchangeably.)</td>
</tr>
<tr>
<td>Uninsured</td>
<td>Children not covered by any health insurance plan</td>
</tr>
</tbody>
</table>
| Underinsured | - Children who have health insurance, but coverage does not include any vaccines  
- Children who have health insurance, but coverage does not include all [vaccines recommended by the Advisory Committee on Immunization Practices (ACIP)](https://www.cdc.gov/vaccines/schedules/hpv-vaccines-schedules.html)  
- Children who have health insurance, but there is a fixed dollar limit or cap for vaccines  
- Underinsured children are only eligible to receive VFC vaccines at a federally qualified health center (FQHC), a rural health clinic (RHC), or a deputized provider. |
American Indian or Alaska Native (AI/AN)
The American Indian or Alaska Native (AI/AN) population, for the purposes of the VFC program, is defined by the Indian Health Care Improvement Act [25 U.S.C. 1603]. AI/AN children are VFC-eligible under any circumstance. However, because VFC is an entitlement program, participation is voluntary. When an AI/AN child also fits a second VFC eligibility category, the provider should always choose the category that will cost less for the family. Depending on the facility where an AI/AN parent chooses to have their child vaccinated, the parent may be responsible for the vaccine administration fee if the vaccines are delivered through the VFC program. Therefore, if the child has private insurance (nongrandfathered plan under the Affordable Care Act (ACA) of 2010) or is enrolled in the CHIP program, it may result in fewer out-of-pocket costs for the child to receive vaccinations through these programs than through VFC, as there would be no cost-sharing. Likewise, if the AI/AN child is also Medicaid-eligible, Medicaid should be used for the administration fee because it will provide the least out-of-pocket expense.

Medicaid-Eligible
Under the legislation that created the VFC program, the term “Medicaid-eligible” is defined as a child entitled to medical assistance under a Medicaid state plan. Children enrolled in Medicaid make up the largest category of VFC eligibility.

Medicaid as Secondary Insurance
Some children may have a private primary health insurance plan with Medicaid as their secondary insurance. These children are considered VFC-eligible because of their Medicaid enrollment. However, their parents are not required to participate in the VFC program. There are billing options for the parent and provider in this situation. The provider should choose the option that is most cost-effective for the family. The parent of a child with Medicaid as secondary insurance should never be billed for a vaccine or an administration fee. Options include:

Option 1: The provider can administer VFC vaccines and bill Medicaid for the administration fee.
In most health care situations, Medicaid is considered the “payer of last resort.” This means that claims must be filed with and rejected by all other insurers before Medicaid will consider payment for the service. This is not true of the vaccine administration fee for Medicaid-eligible VFC children. Medicaid must pay the VFC provider the administration fee because vaccinations are a component of the Medicaid Early Periodic Screening, Diagnosis, and Treatment (EPSDT) program. However, once a claim is submitted to Medicaid, the state Medicaid agency has the option to seek reimbursement for the administration fee from the primary insurer. Patient Eligibility and Insurance Criteria Considerations regarding this option:
- Easiest way for a provider to use VFC vaccines and bill Medicaid for the administration fee
- No out-of-pocket costs to the parent for the vaccine or the administration fee

Option 2: The provider can administer private stock vaccines and bill the primary insurance carrier for both the cost of the vaccine and the administration fee.
If the primary insurer reimburses less than Medicaid for the vaccine administration fee, the provider can bill Medicaid for the balance, up to the amount Medicaid pays for the administration fee. If the primary insurer denies payment of a vaccine and the administration fee, such as in cases where a deductible must be met, the provider may replace the privately purchased vaccine with VFC vaccine and bill Medicaid for the administration fee. The provider must document this replacement on the VFC borrowing form.

Considerations regarding this option:
- The provider may be reimbursed a higher dollar amount if privately purchased vaccine is administered and both the vaccine and the administration fee are billed to the primary insurer.

**Medicaid as Secondary Insurance and High-Deductible Plans**
If a child has Medicaid as secondary insurance and the primary insurance is a high-deductible insurance plan requiring the parent to pay out of pocket for vaccines, the child should be considered VFC-eligible if the family has not yet reached its deductible. VFC vaccines should be administered, and the administration fee should be billed to Medicaid until the deductible is reached. If a child does not have Medicaid as secondary insurance, the child is not VFC-eligible even if a child’s family has a high-deductible plan.

**Underinsured**
Underinsured means the child has health insurance, but the insurance policy:
- Doesn’t cover any ACIP-recommended vaccines
- Doesn’t cover all ACIP-recommended vaccines (underinsured for vaccines not covered)
- Does cover ACIP-recommended vaccines, but has a fixed dollar limit or cap for vaccines

The child is considered underinsured once the fixed dollar amount is reached. Before administering a vaccine, providers must verify whether the child’s health insurance plan covers ACIP-recommended vaccines. If the provider cannot verify vaccination coverage, for the purposes of the VFC program, the child is considered insured and not eligible to receive VFC vaccines at that immunization encounter.

Note: As required by the Affordable Care Act, insurance plans purchased through the Health Insurance Marketplace are required to cover ACIP-recommended vaccines (including seasonal flu vaccine) for children of all ages, without charging a deductible, copayment, or billing coinsurance.

**Federally Qualified Health Centers (FQHCs) and Rural Health Clinics (RHCs)**
Underinsured children can receive VFC vaccines only at federally qualified health centers (FQHCs), rural health clinics (RHCs), or deputized MSDH clinic. FQHCs and RHCs provide health care to medically underserved areas and meet certain criteria under Medicare and Medicaid programs.

What is an FQHC?
An FQHC is a health center designated by the Bureau of Primary Health Care (BPHC) of the Health Resources and Services Administration (HRSA) to provide health care to a medically
underserved population. FQHCs include community and migrant health centers, special health facilities such as those for the homeless and persons with acquired immunodeficiency syndrome (AIDS) that receive grants under the Public Health Service (PHS) Act, and "look-alikes," which meet the qualifications but do not actually receive grant funds. They also include health centers within public housing and Indian health centers.

What is an RHC?
An RHC is a clinic located in a Health Professional Shortage Area, a Medically Underserved Area, or a Governor-Designated Shortage Area. RHCs are required to be staffed by physician assistants, nurse practitioners, or certified nurse midwives at least half of the time that the clinic is open.
<table>
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<tr>
<th>Child’s Insurance Status</th>
<th>VFC-Eligible?</th>
<th>VFC Eligibility Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrolled in Medicaid</td>
<td>Yes</td>
<td>Medicaid</td>
</tr>
<tr>
<td>Has private health insurance plan with Medicaid as secondary insurance</td>
<td>Yes</td>
<td>Medicaid</td>
</tr>
<tr>
<td>Has health insurance covering all vaccines, but has not yet met plan’s deductible or paid for other services received at visit</td>
<td>No</td>
<td>Insured. This applies even when the primary insurer would deny reimbursement for the cost of the vaccine and its administration because the plan’s deductible has not been met.</td>
</tr>
<tr>
<td>Has health insurance covering all vaccines, but has not yet met plan’s deductible or paid for other services received at visit and has Medicaid as secondary insurance</td>
<td>Yes</td>
<td>Medicaid</td>
</tr>
<tr>
<td>Has health insurance covering all vaccines, but the plan has a fixed dollar limit or cap on amount that it will cover</td>
<td>Yes</td>
<td>• Insured until the fixed dollar limit is met&lt;br&gt;• Underinsured after the fixed dollar limit is reached</td>
</tr>
<tr>
<td>Has an insurance plan that does not cover all ACIP-recommended vaccines</td>
<td>Yes</td>
<td>Underinsured. Child can only receive vaccines not covered by the plan.</td>
</tr>
<tr>
<td>Has health insurance, but plan does not cover any vaccines</td>
<td>Yes</td>
<td>Underinsured. With implementation of ACA, this situation should be rare.</td>
</tr>
<tr>
<td>Enrolled in a Health Care Sharing Ministry</td>
<td>Depends</td>
<td>• Uninsured unless plan is recognized as insurance by the state insurance department, regardless of vaccine coverage provided by the plan&lt;br&gt;• Insured if plan is recognized by the state insurance department and covers vaccines&lt;br&gt;• Underinsured if plan is recognized by the state insurance department and does not cover all ACIP-recommended vaccines</td>
</tr>
<tr>
<td>Enrolled in a Medicaid-expansion Children’s Health Insurance Program (CHIP)</td>
<td>Yes</td>
<td>Medicaid</td>
</tr>
<tr>
<td>Enrolled in a separate Children’s Health Insurance Program (CHIP)</td>
<td>No</td>
<td>Insured. The state CHIP program is responsible for vaccine payment for its members.</td>
</tr>
<tr>
<td>Has no health insurance coverage</td>
<td>Yes</td>
<td>Uninsured</td>
</tr>
<tr>
<td>Has private health insurance that covers all vaccinations and is AI/AN</td>
<td>Yes</td>
<td>AI/AN. However, provider should choose the eligibility category most cost-effective for the child and family.</td>
</tr>
<tr>
<td>Has Medicaid and is AI/AN</td>
<td>Yes</td>
<td>Medicaid or AI/AN. Provider should use Medicaid for the administration fee because this provides the least out-of-pocket expense for the family.</td>
</tr>
</tbody>
</table>
**Special Circumstances**
Where vaccination services are delivered is generally not a factor in determining VFC eligibility. However, there are some locations and provider types that require additional consideration when offering VFC vaccines.

**School-Located and Mass Vaccination Clinics**
Providers should not assume a child is VFC-eligible when vaccinating in a school-located or mass vaccination clinic. All children must be screened and their eligibility documented prior to administering VFC vaccines.
Section 3 - VFC Provider Eligibility

To be eligible to participate in the VFC program, providers must:

- Be licensed in the awardee’s jurisdiction to administer vaccines to children aged 18 and younger.
- Be willing and able to follow all VFC program requirements, policies, and procedures, including participation in site visits and educational opportunities.
- Have the capacity to order, receive, manage, store, and monitor the temperature of public vaccines.
- Be open at least four consecutive hours on a day other than a Monday to receive VFC vaccines.
- Annually submit a VFC Program Provider Agreement, VFC Provider Profile, and any additional items requested by the MSDH Immunization Program. Submit these items more frequently if changes occur.
- Screen patients and document eligibility status at each immunization encounter for VFC eligibility (i.e., federally or state vaccine-eligible) and administer VFC-purchased vaccine by such category only to children who are 18 years of age or younger who meet one or more of the following categories:
  1. Federally Vaccine-eligible Children (VFC eligible)
     a. Are an American Indian or Alaska Native;
     b. Are enrolled in Medicaid;
     c. Have no health insurance;
     d. Are underinsured: A child who has health insurance, but the coverage does not include vaccines; a child whose insurance covers only selected vaccines (VFC-eligible for non-covered vaccines only). Underinsured children are eligible to receive VFC vaccine only through a Federally Qualified Health Center (FQHC), or Rural Health Clinic (RHC) or under a deputized MSDH clinic.
  2. State Vaccine-eligible Children
     a. In addition, to the extent that Mississippi designates additional categories of children as “state vaccine-eligible”, screen for such eligibility as listed in the addendum to this agreement and administer state-funded doses (including 317 funded doses) to such children.

- For the vaccines identified and agreed upon in the provider profile, comply with immunization schedules, dosages, and contraindications that are established by the Advisory Committee on Immunization Practices (ACIP) and included in the VFC program unless:
  1. In the provider’s medical judgment, and in accordance with accepted medical practice, the provider deems such compliance to be medically inappropriate for the child;
  2. The particular requirements contradict state law, including laws pertaining to religious and other exemptions.
- Maintain all records related to the VFC program for a minimum of three years and upon request make these records available for review. VFC records include, but are not limited to,
VFC screening and eligibility documentation, billing records, medical records that verify receipt of vaccine, vaccine ordering records, and vaccine purchase and accountability records.
• Immunize eligible children with publicly supplied vaccine at no charge to the patient for the vaccine.
• Not charge a vaccine administration fee to non-Medicaid federal vaccine-eligible children that exceeds the administration fee cap of $19.79 per vaccine dose. Not charge a vaccine administration fee to non-Medicaid state vaccine-eligible children that exceeds the administration fee cap of $10.00 per vaccine dose. For Medicaid children, accept the reimbursement for immunization administration set by the state Medicaid agency or the contracted Medicaid health plans.
• Not deny administration of a publicly purchased vaccine to an established patient because the child's parent/guardian/individual of record is unable to pay the administration fee.
• Distribute the current Vaccine Information Statements (VIS) each time a vaccine is administered and maintain records in accordance with the National Childhood Vaccine Injury Act (NCVIA), which includes reporting clinically significant adverse events to the Vaccine Adverse Event Reporting System (VAERS).
• Comply with the requirements for vaccine management including:
  1. Ordering vaccine and maintaining appropriate vaccine inventories;
  2. Not storing vaccine in dormitory-style units at any time;
  3. Storing vaccine under proper storage conditions at all times. Refrigerator and freezer vaccine storage units and temperature monitoring equipment and practices must meet Mississippi State Department of Health Immunization Program storage and handling recommendations and requirements;
  4. Returning all spoiled/expired public vaccines to CDC’s centralized vaccine distributor within six months of spoilage/expiration.
• Agree to operate within the VFC program in a manner intended to avoid fraud and abuse. Consistent with "fraud" and "abuse" as defined in the Medicaid regulations at 42 CFR § 455.2, and for the purposes of the VFC Program:
  1. **Fraud:** is an intentional deception or misrepresentation made by a person with the knowledge that the deception could result in some unauthorized benefit to himself or some other person. It includes any act that constitutes fraud under applicable federal or state law.
  2. **Abuse:** provider practices that are inconsistent with sound fiscal, business, or medical practices and result in an unnecessary cost to the Medicaid program, (and/or including actions that result in an unnecessary cost to the immunization program, a health insurance company, or a patient); or in reimbursement for services that are not medically necessary or that fail to meet professionally recognized standards for health care. It also includes recipient practices that result in unnecessary cost to the Medicaid program.
• Participate in VFC program compliance site visits including unannounced visits, and other educational opportunities associated with VFC program requirements.
• Agree to replace vaccine purchased with state and federal funds (VFC, CHIP, 317) that are deemed non-viable due to provider negligence on a dose-for-dose basis.

• Comply with the State Department of Health established statewide childhood immunization registry to which all health care providers will report the administration of childhood immunizations. The State Board of Health will promulgate rules and regulations needed to implement this section. The department shall make information regarding the immunization status of children in the registry available to the parents/guardians of the child, health care providers and individuals or organizations that are required to report on the immunizations status of children in their care. SOURCES: MISSISSIPPI CODE OF 1972, As Amended SEC. 41-88-3. Laws, 1994, ch. 365, Sec. 2, effective from and after passage (approved March 14, 1994).
Section 4 - Vaccine Management

Vaccine loss is both costly and preventable. Providers are responsible for maintaining vaccine quality from the time a shipment arrives at a facility until a dose is administered.

Vaccine Coordinators
During the enrollment process, VFC providers are required to designate a primary vaccine coordinator and at least one back-up vaccine coordinator for each facility. The vaccine coordinator is responsible for overseeing all vaccine management within the facility, including:

- Developing and maintaining the Vaccine Management Plan
- Monitoring storage and handling and vaccine administration practices in the facility
- Overseeing vaccine ordering and notifying the MSDH Immunization Program if vaccines will expire before they are administered
- Ensuring and documenting annual vaccine management training for designated staff, as well as training new staff upon hire
- Participating in and documenting completion of annual training on VFC requirements
- Storing all required documentation for three years, or longer if required by state statutes or rules

To effectively perform their duties, the vaccine coordinator and back-up coordinator must be fully trained on routine and emergency standard operating procedures (SOPs) for vaccine ordering, storage, handling, transport, and inventory management. VFC providers are required to notify the MSDH Immunization Program anytime there is a change in vaccine coordinator staff.

Vaccine Storage and Handling
All VFC vaccine storage and handling requirements and recommendations are in place to ensure the vaccine cold chain is maintained. The cold chain begins at the manufacturing plant, includes delivery to and storage at the provider facility, and ends with administration of vaccine to the patient. Too much exposure to heat, cold, or light at any step in the cold chain can result in a loss of vaccine potency. Once potency is lost, it cannot be restored. Each time vaccines are exposed to improper conditions, potency is reduced even further. With loss of potency, vaccines become useless and are unable to provide immunity for the vaccinated individual.

CDC’s Vaccine Storage and Handling Toolkit provides guidance on safe and effective vaccine management practices for all health care providers. Though VFC providers are required by the VFC program to implement only certain recommendations and best practice guidance, the MSDH Immunization Program strongly encourages providers to adopt all recommendations and best practices in the Toolkit. Following the Toolkit’s guidance can minimize financial burden for providers due to vaccine loss and prevent the need for revaccination. The result is maximum vaccine effectiveness and patient protection.
**VFC Storage and Handling Equipment Requirements**

To ensure the viability of VFC vaccines, providers must have:
- Storage units that maintain correct temperatures at all times
- Refrigerator temperature between 2°C and 8°C (36°F and 46°F)
- Freezer temperature between -50°C and -15°C (-58°F and +5°F)
- Digital data loggers (DDLs) with continuous monitoring capabilities and a current and valid Certificate of Calibration Testing for each unit, as well as at least one back-up

**Storage Unit Best Practices**

To protect the viability of vaccines:
- Never store food or beverages in a unit with vaccines.
- Do not store vaccines in the deli, fruit, or vegetable bins (remove bins if possible), in the doors or on the floor of the unit, or under or near cooling vents.
- Place water bottles throughout units—against walls, in the back, on the floor, and in the doors—to help stabilize temperatures.
- Place vaccines and diluents in the center of the unit, two to three inches away from walls, ceiling, floor, and door.
- Store vaccines in their original packaging with lids closed until ready for administration.

**Refrigerator and Freezer Units**

Storage units must have enough room to store the largest inventory a provider might have at the busiest point in the year without crowding. CDC recommends the following units, in order of preference, for the storage of VFC vaccines:
- Purpose-built or pharmaceutical/medical-grade units, including doorless and dispensing units
- Stand-alone refrigerator and freezer units—these units can vary in size from a compact, under-the-counter style to a large, stand-alone, pharmaceutical-grade storage unit
- Combination household refrigerator/freezer unit, using only the refrigerator compartment to store vaccines—a separate stand-alone freezer should then be used to store frozen vaccines

*The use of dormitory or bar-style refrigerator/freezers is prohibited at all times for VFC program providers.* These units have a single exterior door and an evaporator plate/cooling coil, usually located in an icemaker/freezer compartment.

**Vaccine Management**

Providers should follow the manufacturer’s storage specifications for each vaccine, found in the manufacturer package insert. Providers must also protect the power source for all storage equipment, usually by means of “Do Not Disconnect” warning labels at the electrical outlet and circuit breaker.

**Digital Data Loggers (DDLs)**

VFC providers must use a DDL with continuous temperature monitoring capability and a current and valid Certificate of Calibration Testing (also known as a Report of Calibration) in each unit storing public vaccines. DDLs must be used during routine, on-site vaccine storage, vaccine transport, and mass vaccination clinics.
To meet VFC program requirements, the DDL must be equipped with:

- A temperature probe or sensor (a buffered probe is required for awardee-provided probes and is optional, but recommended, for provider-purchased probes or sensors)
- An active temperature display outside the unit that can be easily read without opening the storage unit’s door
- Continuous temperature monitoring and recording capabilities and the capacity to routinely download data

*There may be providers who have purpose-built or pharmaceutical-grade equipment (e.g., doorless or dispensing units) with temperature monitoring capabilities that may be as reliable as a DDL in monitoring vaccine temperature. Not all of these units may be capable of digitally logging temperatures. When in doubt, consult the MSDH Immunization Program on whether the unit is capable of meeting VFC temperature monitoring device requirements.

**Additional recommended DDL features include:**

- Alarm for out-of-range temperatures
- Temperature display showing current, minimum, and maximum temperatures
- Low battery indicator
- Accuracy of +/-1°F (0.5°C)
- User-programmable logging interval (or reading rate) recommended at a maximum time interval of no less frequently than every 30 minutes

*Certificates of Calibration Testing must include:*

- Model/device number
- Serial number
- Date of calibration (report or issue date)
- Confirmation the instrument passed testing (or instrument in tolerance)

A back-up DDL must be readily available in case a DDL fails or calibration testing is required. The backup DDL should have a different calibration retesting date than other DDLs to avoid requiring all DDLs to be sent out for recalibration at the same time. Back-up DDLs are usually maintained on site.

**Note:** Back-up DDLs should not be stored in the storage unit. This can result in conflicting temperature readings between the back-up and main DDLs, which can lead to potential confusion.

**VFC Storage and Handling Best Practices**

VFC providers are required to establish storage and handling policies and procedures in their Vaccine Management Plans, based on the recommendations and best practices of CDC’s **Vaccine Storage and Handling Toolkit**. These procedures should be easily accessible and kept near vaccine storage units.
Storage and handling policies and procedures must address:
- Receiving and documenting vaccine shipments, including whom to contact with a problem related to a shipment
- Daily monitoring and recording of storage unit temperatures, including responding to any temperature excursion
- Managing expired, spoiled, or wasted vaccine
- Vaccine handling and preparation
- Emergency situations

**Receiving and Documenting Vaccines**
Providers must immediately unpack, store, and document vaccines and diluents upon receipt. Actions must include:
- Examining the shipping container and vaccine vials for signs of physical damage.
- Comparing the contents of the container to the packing list to be sure they match.
- Making sure lyophilized (freeze-dried) vaccines came with the correct type and quantity of diluents. (Diluents for varicella-containing vaccines are stored in a separate compartment in the lid of the shipping container and are stored separately in the refrigerator.)
- Checking both vaccine and diluent expiration dates to ensure none are expired or soon-to-expire products.
- Checking the cold chain monitor (CCM) for any indication of a temperature excursion during transit. CCMs are stored in a separate compartment of the shipping container and may not be included when vaccines are shipped directly from the manufacturer. CCMs are for onetime use only and should be thrown away after being checked.
- Determining the amount of time vaccines were in transit and comparing it against the packing list in the container, which shows acceptable transit time (frozen vaccines only).

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**Vaccine Compromised During Shipment**
If providers believe a vaccine shipment was compromised, they must immediately contact the awardee. Based on awardee requirements, the provider should also contact:

- **Centralized distributor shipment:** Contact centralized distribution immediately at 1-877-TEMP123 (1-877-836-7123). This must be done the same day vaccines arrive. Not doing it the same day results in CDC liability for vaccine replacement, regardless of the cause of the temperature excursion. (In the future, an awardee’s budget may be decremented for this liability.)
- **Direct shipment from manufacturer:** Contact the awardee or vaccine manufacturer based on awardee guidance.

Providers and/or awardees must contact the manufacturer directly with questions about storage temperature or temperature excursion for specific vaccines. Manufacturers have access to internal thermostability data concerning the impact of exposures to inappropriate temperatures or light for each vaccine lot.
Daily Temperature Monitoring and Recording

Providers are required to have protocols for reviewing and recording the minimum and maximum (min/max) temperature readings in vaccine storage units daily. They should also have procedures for training appropriate staff to document, assess, and interpret temperature monitoring data. CDC requires reviewing and recording min/max temperature readings at the beginning of the workday, then resetting the min/max reading.

*This helps to identify temperature excursions quickly so corrections can be made to prevent vaccine loss. CDC also recommends checking the current temperature of the storage unit prior to accessing and administering vaccine.

Information to include when documenting a temperature reading:
- At least one min/max temperature reading per day at the beginning of the workday
- Time and date of each reading
- Name or initials of the person who assessed and recorded the reading

Providers have two options for documenting temperature readings:
Option 1: Handwrite the temperature on a paper log. The log should be posted on each vaccine storage unit door or nearby in a readily accessible and visible location. A printable temperature log can be found on the Immunization Action Coalition’s website.
Option 2: Use a continuous temperature monitoring and recording system that allows providers to electronically document temperature readings.
**Vaccine Compromised During Shipment**

If providers believe a vaccine shipment was compromised, they must immediately contact the MSDH Immunization Program and the centralized distributor immediately at 1-877- TEMP123 (1-877-836-7123). This must be done the same day vaccines arrive. Not doing it the same day results in CDC liability for vaccine replacement, regardless of the cause of the temperature excursion.

- Direct shipment from manufacturer: Contact the MSDH Immunization Program and the vaccine manufacturer. Providers must contact the manufacturer directly with questions about storage temperature or temperature excursion for specific vaccines. Manufacturers have access to internal thermostability data concerning the impact of exposures to inappropriate temperatures or light for each vaccine lot.
- Providers must maintain all paper temperature logs or a back-up system of electronic data (both hard copy and electronic copy) for a minimum of three years, unless state statutes or rules require longer retention.

If a temperature excursion is suspected, providers should follow their vaccine management plan SOPs, including adjusting temperature to the appropriate range and notifying the MSDH Immunization Program to determine whether the vaccine can still be used. Until this determination can be made, vaccine should be labeled “Do Not Use” and stored under correct temperature storage conditions, if possible. The vaccine may still be viable; therefore, vaccine must not be discarded or removed from proper storage conditions until the provider is directed to do so by the manufacturer.

**Types of Vaccine Loss**

- Expired or spoiled vaccine: Nonviable vaccine in its original container (vial or syringe) that is able to be returned for excise tax credit. This includes expired vaccine or vaccine spoiled due to temperature excursions, transport conditions, or emergency situations such as a power failure.
- Wasted vaccine: Nonviable vaccine that is unable to be returned for excise tax credit. This includes vaccine in an open vial, drawn into a syringe, or compromised because its container was dropped or broken.
- Lost or unaccountable vaccine: Vaccine for which the physical vaccine vial or syringe is missing.

**Management of Expired and Spoiled Vaccines**

Expired or spoiled vaccines that SHOULD be returned to McKesson:

1. Unopened expired or spoiled vaccine product in its original vial or manufacturer pre-filled syringe
2. Unused manufacturer pre-filled syringes with an NDC printed on them

When managing expired and spoiled, providers must:

- Remove the vaccines from any storage unit that stores viable vaccines.
- Label vaccines “Do Not Use.”
- Utilize the MSDH Vaccine Return Form #131 to report and record the incident, including the reason and number of doses lost. Submit the completed form to the Immunization Program within one month of spoilage or expiration. You will receive an e-mail with a shipping label to use for returning the vaccine to McKesson per CDC requirements.
Management of Wasted Vaccines

Wasted vaccines that should NOT be returned to McKesson:
1. Vaccine syringes that have been opened (with OR without needles)
2. Broken or damaged vaccine vials or syringes
3. Vaccine vials that do not have the original sealed cap intact (this includes used multi-dose vials from which some doses have been withdrawn)

- Utilize the MSDH Vaccine Return Form #132 to report and record the incident, including the reason and number of doses lost. Submit the completed form to the Immunization Program within one month of wastage. The wasted vaccines should be disposed of according to usual biosafety procedures.

Vaccine Handling and Preparation

Proper vaccine handling and preparation are equally as important as storing vaccines properly. Providers should follow best practices, including:
- Vaccines should be prepared immediately prior to administration.
- Prepare vaccines in a designated, clean medication area, away from any space where potentially contaminated items are placed.
- Always check expiration dates prior to preparing the vaccine. Never administer expired vaccines.
- Reconstitute lyophilized vaccine with the diluent that came with the vaccine—nothing else.
- A single-dose vial contains one dose and should only be used for one patient.
- A separate, sterile needle and syringe should be used for each injection.
- Discard any predrawn doses no later than the end of the workday or per the manufacturer package insert (if sooner).

In instances where providers anticipate a high volume of patients needing vaccines (for example, during flu season or back-to-school vaccinations), it is important for providers to remember:
- CDC strongly recommends not predrawing doses before they are needed.
- As an alternative to predrawing vaccines, CDC recommends using manufacturer-filled syringes.

Emergency Situations

Providers should plan ahead for emergency situations such as power outages, natural disasters, and equipment failure. This information should be incorporated into a Vaccine Management Plan so providers can follow the protocol for protecting vaccines, including possible transport methods and alternative storage locations. Providers should keep on hand or have ready access to the supplies needed for emergency transport. Alternative storage locations should be inspected prior to an emergency to validate that proper vaccine storage conditions can be maintained. In large clinics, generators and a security system to alert appropriate staff in the event of a power outage may be feasible. If used, generators should be tested quarterly and serviced annually based on manufacturer specifications for testing procedures and maintenance schedules. Additional information on vaccine storage and handling can be found.
in CDC’s Vaccine Storage and Handling Toolkit and on CDC’s vaccine administration website and educational materials.

**Vaccine Management Plans**

VFC providers must develop, maintain, and implement a Vaccine Management Plan with detailed and up-to-date SOPs for routine and emergency vaccine management. The MSDH Immunization Program provides an annual Vaccine and Accountability Management Plan Template during annual re-enrollment. All provider-developed plans must be reviewed and approved by the MSDH Immunization Program.

Vaccine Management Plans must address:
- Contact information for current primary and back-up vaccine coordinators
- Provider staff roles and responsibilities
- Documented training related to vaccine management
- Proper storage and handling practices, including how to handle a temperature excursion
- Procedures for vaccine ordering, receiving, inventory control, stock rotation, and handling vaccine loss and waste
- Procedures for emergency situations, including transport, equipment malfunction, power failure, and natural disaster

Vaccine Management Plans must be updated annually or more frequently as needed, and verified as current with the vaccine coordinator and back-up coordinator’s signatures and dates of review.

**Vaccine Management Training**

Vaccine management training first occurs during provider enrollment and includes a review of the key components of a Vaccine Management Plan. Thereafter, providers are required to receive training annually. The vaccine coordinator and back-up coordinator must be fully trained on routine and emergency standard operating procedures for vaccine shipments, storage and handling, transport, and inventory management. Other provider staff may also need training, including those who are involved with vaccine management and storage and handling.

**Vaccine Ordering**

Vaccine loss due to expiration is frequently a consequence of over-ordering and/or poor inventory management. To prevent this, providers need to determine the appropriate amounts to order for their private and public vaccine inventories. Providers must submit their total vaccine inventory amounts with each vaccine order.

CDC recommends providers:
- Place vaccine orders while they still have a four-week supply of vaccine available to allow for potential delays.
- Place smaller, more frequent orders rather than large orders to minimize the amount of vaccine loss should an incident occur during shipment or in the vaccine storage unit.
Also important to the vaccine ordering process is the provider’s ability to immediately store vaccine after receipt. Facilities must be open with appropriate staff at least one weekday other than Monday, for at least four consecutive hours, to receive and immediately store vaccine.

Providers must keep their Provider Profiles current to reflect any changes to their public and private patient categories and submit updates to the MSDH Immunization Program. The profile data is used to monitor vaccine orders to ensure providers are not inadvertently over-ordering, stockpiling, or building inventory, which can put vaccine at risk for waste or indicate fraud or abuse.

**Vaccine Inventory Accountability**

Providers are required to have separate vaccine inventories:

- VFC Vaccine Public Stock
- CHIP Vaccine Public Stock
- 317 Vaccine Public Stock (if applicable)
- Privately Purchased Vaccine Stock

CDC’s expectation is that vaccine borrowing will be rare because providers should maintain adequate inventories of vaccine for both privately and publicly insured children. VFC vaccines should never be used as a continuous replacement system for a provider’s privately purchased vaccine inventory.

Borrowing is approved only for instances when:

- There is a lack of vaccine stock because of delayed or spoiled shipments. This bidirectional borrowing does not apply to influenza vaccine.
- Vaccine will expire soon and will be lost if not used. Providers with a small privately insured patient population can use this option to administer short-dated, privately purchased vaccine to a VFC-eligible child and replace it with a longer-dated, VFC dose.
- New staff calculated ordering intervals incorrectly, leading to a lack of either private or public vaccine stock.
- VFC seasonal influenza vaccine stock is not yet available. Providers may use private stock, seasonal influenza vaccine for VFC-eligible children and replace it when VFC vaccine becomes available. This one-directional borrowing is unique to seasonal influenza vaccine. Hosting a mass vaccination clinic without appropriate amounts of public and private vaccine does not qualify for borrowing.

**Vaccine Borrowing Documentation**

A Vaccine Borrowing Report must be completed when either:

- Privately purchased vaccine is administered to a VFC-eligible child, or
- VFC vaccine is administered to a privately insured child

**Invoices**

Providers may need to maintain invoices to validate that privately purchased vaccine was used to replenish borrowed VFC vaccine. The invoice date should correspond with the replacement date on the Vaccine Borrowing Report.
**Vaccine Transfer**
Proper vaccine inventory management at the provider level plays a major role in preventing the need to transfer vaccines. However, even with proper inventory management, providers may experience a situation where they have soon-to-expire vaccine stock. Where practical, and as long as the cold chain is maintained, transfer of short-dated vaccine can occur between VFC providers to avoid wasting vaccine. Providers must notify the MSDH Immunization Program of short-dated vaccine so that a transfer can be coordinated. This should be a rare practice if providers are appropriately managing inventory.

Vaccine transfers can only occur:
- With the approval and under direct guidance of the immunization program
- When a process is in place to ensure vaccine viability during transfer, as outlined in CDC’s Vaccine Storage and Handling Toolkit—the process must include the use of a DDL with a current and valid Certificate of Calibration Testing for temperature monitoring during transport, as well as other appropriate equipment
- When temperature monitoring documentation validates the vaccine has not been exposed to a temperature excursion—this documentation must be transported with the vaccine

**Vaccine Restitution**
Vaccine restitution is the replacement of vaccine doses (i.e., VFC and/or state) that were lost due to provider negligence.

**Off-Site and Mass Vaccination Clinics**
Some providers may conduct off-site clinics when approved by the MSDH Immunization Program. These opportunities can improve access and vaccination coverage for VFC-eligible children. However, these situations require additional program oversight and vaccine accountability. Not only are these providers required to adhere to all general program requirements, including screening and documenting VFC eligibility, they must maintain enhanced storage and handling practices, including:
- The number of VFC vaccines transported to an off-site or mass vaccination clinic should be based on anticipated number of VFC-eligible children to be served.
- Vaccines may be transported—not shipped—to a clinic site using vaccine transportation procedures outlined in CDC’s Vaccine Storage and Handling Toolkit. This includes transporting vaccines to and from the site at appropriate temperatures and using appropriate equipment, as well as monitoring and documenting temperatures using a DDL with a probe in buffered material.
- Upon arrival at the clinic site, vaccines must be stored correctly to maintain appropriate temperature throughout the clinic day.
- Temperature data must be reviewed and documented every hour during the clinic using a DDL with a digital display and probe in buffered material.
- At the end of the clinic day, temperature data must be assessed prior to placing vaccines back into storage units to prevent administration of vaccines that may have been compromised.
If at any time, vaccines are exposed to temperature excursions, they must be labeled “do not use” until further information can be gathered on usability.
Enhanced oversight for mass vaccinators also includes:

- Vaccine ordering—while CDC recommends vaccines be delivered directly to provider facilities, this may not be possible for mass vaccination clinics. To protect the cold chain and vaccine viability, vaccines must be ordered and shipped directly from CDC to a location within the MSDH Immunization Program jurisdiction when direct delivery is not possible. Vaccines may also only be administered within the jurisdiction.
- Provider forms—following VFC operations guidance, mass vaccinators must sign a Provider Agreement and complete a Provider Profile.

**Off-Site and Mass Vaccination Clinic Vaccine Handling and Preparation**

CDC recommendations and best practices for vaccine handling during an off-site or mass vaccination clinic include:

- Do not draw up vaccines before arriving at the clinic site. Drawing up doses days or even hours before a clinic is not acceptable. CDC strongly recommends not predrawing doses before they are needed.
- Use manufacturer-filled syringes, if possible, as an alternative to predrawing vaccines.
- Each person administering vaccines should predraw no more than one multidose vial (MDV) at one time.
- Monitor patient flow to avoid drawing up unnecessary doses.
- Discard any remaining vaccine in predrawn syringes at the end of the workday.

Additional information on handling and preparing vaccine can be found in CDC’s [Vaccine Storage and Handling Toolkit](#) and on CDC’s vaccine administration website.
Section 5 - Fraud and Abuse

Fraud and Abuse Overview Federal fraud and abuse laws apply to awardee VFC programs. State fraud and abuse laws (e.g., related to insurance, consumer protection, or medical licensure) may also be applicable for portions of awardee VFC programs involving state funds. The terms “fraud” and “abuse” related to VFC are consistent with the definitions in Medicaid regulations (42 CFR § 445.2).

<table>
<thead>
<tr>
<th>Fraud</th>
<th>Abuse</th>
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<tbody>
<tr>
<td>An intentional deception or misrepresentation made by a person with the knowledge that the deception could result in some unauthorized benefit to himself or some other person. It includes any act that constitutes fraud under applicable federal or state laws.</td>
<td>Provider practices that are inconsistent with sound fiscal, business, or medical practices and result in an unnecessary cost to the Medicaid program (and/or including actions that result in an unnecessary cost to the immunization program, a health insurance company, or a patient), or in reimbursement for services that are not medically necessary or that fail to meet professionally recognized standards for health care. Abuse also includes recipient practices that result in unnecessary cost to the Medicaid program.</td>
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Fraud and Abuse Examples*

- Failing to comply with any part of the Provider Agreement
- Providing VFC vaccine to non-VFC-eligible children
- Selling or otherwise misdirecting VFC vaccine
- Billing a patient or third party for VFC vaccine
- Charging more than the established maximum regional fee for administration of VFC vaccine
- Over-ordering VFC vaccine (e.g., quantities or patterns do not match the provider’s profile)
- Waste of VFC vaccine
- Denying VFC-eligible children VFC-funded vaccine because of parents’ inability to pay the administration fee
- Failing to screen for and document eligibility status at each visit
- Failing to maintain VFC records for a minimum of three years
- Failing to fully account for VFC-funded vaccine
- Failing to properly store and handle VFC vaccine

*This list provides examples only, and should not be considered comprehensive.

Addressing Provider Non-Compliance with VFC Requirements

Providers agree to comply with the VFC program requirements outlined in the Provider Agreement and discussed during the enrollment and subsequent site visits. Lack of adherence could lead to fraud and abuse charges for the provider. This non-compliance may occur due to an unintentional lack of understanding of program requirements, or the behavior may be intentional. If a compliance issue appears intentional and the provider has received financial
benefits from the behavior, the situation requires immediate referral to an outside agency for investigation of suspected VFC fraud and abuse.

Failure to comply with VFC requirements is defined as:
• Any VFC provider who does not maintain the federal and/or state requirements associated with implementation of the Provider Agreement.

Instances of suspected non-compliance or fraud and abuse may be identified by:
• VFC program staff
• Provider staff
• A third party

Anyone that suspects non-compliance or fraud and abuse should complete the MSDH Vaccine Fraud & Abuse Referral form below.
Mississippi Vaccines for Children Program
Vaccine Fraud and Abuse Referral

To submit a request to investigate suspected fraud or abuse, please complete the information requested below. Examples of fraud or abuse are listed on the reverse side of this form. These are examples only. The list does not represent every situation in which fraud or abuse can occur. Therefore, an area has been provided to describe suspected fraud or abuse to be investigated.

DATE OF REFERRAL: _________________________

PROVIDER NAME: ____________________________________________________________

FACILITY NAME: ___________________________________________________________

FACILITY ADDRESS: __________________________________________________________

CITY: ____________________ COUNTY: ________________________________

Brief detail of allegations of fraud and/or abuse:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Reporter anonymity is not guaranteed.

REPORTED BY: __________________________ Title: ____________________________

CONTACT INFO: ____________________________________________________________

Please return completed forms to the MSDH Immunization Program at the information listed below or by e-mail to michelle.robertson@msdh.ms.gov.

MSDH Immunization Program
570 East Woodrow Wilson Post Office Box 1700 Jackson, MS 39215-1700
Phone: 601-576-7751 Fax: 601-570-7686

Equal Opportunity in Employment/Services
Examples of acts constituting fraud and abuse include, but are not limited to the following:

➤ Billing a patient or third party for Vaccines for Children (VFC) vaccine.

➤ Providing VFC vaccine to non-VFC eligible children or adults.

➤ Charging more than Mississippi’s VFC program allowable administration fee for VFC vaccine ($10.00).

➤ Refusing to provide VFC-eligible children VFC vaccine because of parent’s inability to pay the administration fee.

➤ Failing to screen patients for VFC eligibility.

➤ Failing to maintain VFC records and comply with other requirements of the VFC program, per the signed provider enrollment agreement.

➤ Over-ordering or stockpiling VFC vaccine.

➤ Intentional improper storage and handling of VFC vaccine.

➤ Failure to fully account for VFC vaccine.

➤ Failure to notify parents of compromised vaccine/offer revaccination.

➤ Failure to maintain VFC records as required.

➤ Failure to comply with VFC ordering guidelines.

➤ Inappropriate vaccine administration practices.

➤ Transfer of VFC vaccine without program approval.

➤ Routine borrowing of VFC vaccine for use of non-VFC eligible patients.
CDC Resource Guide

Please visit https://www.cdc.gov/vaccines/hcp/admin/downloads/vacc-admin-storage-guide.pdf for access to the links contained within this guide.