SMaRT AFIX
Testing Scenarios

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Introduction

The purpose of this document is to provide guidelines, strategies, and ideas to facilitate SMaRT AFIX evaluation in your test environment. This is not an end-to-end test plan or intended to encompass all of the tests you should perform to ensure SMaRT AFIX functionality in your environment. Each of the test data elements and test cases contained herein are optional. This testing document reflects functionality in SMaRT AFIX v. July 2019.

Awardees will also be receiving the SMaRT AFIX Training Guide, Quick Reference Guides, and User Guide that describe all of the functionality and components of the SMaRT AFIX application. Awardees are encouraged to use these documents as well as their own current AFIX processes and guidelines to create additional state-specific tests to ensure the application is functional for their needs and scenarios.

Documentation to support your testing process can also be found at
https://documentation.stchome.com/.

Testing Overview

Full completion of all items in this document can be expected to take 3-5 days. Some actions will require the completion of scheduled overnight maintenance tasks for the results to be implemented and observable.

As a reminder, onscreen list displays will be truncated. As a result, you may need to export Master Rate Comparison Report and Patient Lists to xls or csv to view full results.

If your SMaRT AFIX session becomes inactive, your reports may fail to load and you may see the error message below. If this occurs, you will need to log out using the avatar in the top right corner (or by pressing ok) and log in again to continue.

Authentication with the report server has failed.

Click the button below to re-authenticate

(Warning any unsaved changes will be lost)

Day 1: Entering Test Data

NOTE: The Test Cases have been optimized for the data set outline below. The use of these records is optional. If you do elect to key these records into your system for testing, then please be advised that the entry will need to be done at least 1 day in advance of testing. Calculator.net offers a nice tool for making date calculations easier.

These scenarios do not include Influenza. Missed opportunity calculations for Influenza are dependent on user entered vaccination and patient data relative to flu season and are difficult to script for this reason.

User Data

These test scripts will require users of various levels to test functionality. Please ensure you have created the following types of users:
- AFIX level user with Access Manage Users Page role
- AFIX level user with Provider Group content role
- Facility level user

PAIS Scenario Data

Create Childhood and Adolescent Patients **A, B and W** from the Test Data Sets found at the end of this document. Assign them to an <u>existing</u> test facility of your choice. The facility must have an address, including city, state, valid zip code, and a VFC PIN. Make sure each patient has an active status with the facility you have selected.

If your IIS allows patients to opt-out of IIS participation, you may wish to mark a few test patients accordingly.
PLEASE NOTE: Choosing to opt patients out will impact your calculations and cause them to not be comparable to the results described within this document.

When creating patients, we suggest you note the corresponding names for test data sets or name them for easy reference throughout testing. ("Patient A" is "Alexander AFIX", for example.)

Create a new facility

Create a new facility in your IIS. The facility needs to be named, given an address including city, state and valid zip code and a VFC PIN.

Childhood Cohort Data

Create the remaining Childhood Cohort patients **(C-K)** from the Test Data Set and affiliate them with your <u>newly created</u> facility. Make sure each patient has an active status with the facility you have selected.

Adolescent Cohort Data

Create the remaining Adolescent Cohort patients **(N-Z, with the exception of Patient W)** from the Test Data Set and affiliate them with <u>same new facility</u> you created for the Childhood Cohort.

When creating patients, we suggest you note the corresponding names for test data sets or name them for easy reference throughout testing. ("Patient A" is "Alexander AFIX", for example.)

Day 1 Summary

- **You will have created Patients A and B and assigned them to an existing test facility of your choice, making sure they have an active patient status with the facility.**
- **You will have created a new facility to which newly created Patients C-K and N-Z have been assigned, making sure they have an active patient status with the facility.**

Allow the data to refresh overnight.

Day 2: Suggested Test Scenarios

The purpose of the test cases is to confirm the accuracy of SMaRT AFIX's calculation logic. The rates will only match your results if you have utilized the provided data sets. If the output is different, regardless of the test data used in your environment, please attempt to confirm that the logic is working as expected.

The following scenarios assume the data has been allowed to refresh overnight.

Reminder: If your SMaRT AFIX session becomes inactive, your reports may fail to load and you may see the error message below. If this occurs, you will need to log out using the avatar in the top right corner or by pressing ok and log in again to continue.

Authentication with the report server has failed.

Click the button below to re-authenticate

(Warning any unsaved changes will be lost)

Security/Access testing

1. Log in as AFIX Level user.
2. Top search bar should be empty.
3. Ensure the help icon opens the User Guide in a new tab.
4. Ensure the foursquare icon opens a popup with STC Suite that allows you to navigate to other products available to your state.
5. Left navigation bar should contain **Master Rate Comparison** with options for **Childhood and Adolescent**.
6. Custom report area should have empty Provider selection box.
7. Log out.
8. Log back in as Facility User.
9. Top search bar should be populated with the name of the organization/facility with which your user is affiliated.
10. User should not see AFIX Export in left navigation.

11. User should not see Master Rate option in left navigation bar.
12. Provider selection box in Custom report area should be pre-populated with org/facility name.
13. Log out.

Overview

1. Log into SMaRT AFIX as AFIX Level User.
2. Childhood and adolescent graphs should contain your state's NIS data along with National NIS data and HP 2020 targets.
3. Clicking on bar in Childhood graph links to NIS MMWR for Childhood.
4. Clicking on bar in Adolescent graph links to NIS MMWR for Adolescent.
5. Confirm both graphs can be toggled to a table view.
6. Confirm the presence of icon to export to pdf from graph view and csv or xls in table view.
7. Confirm the presence of icons to print in either graph or table view.

Master Rate Comparison: Childhood

1. Access the Master Rate Comparison for Childhood by selecting it from the left menu.
2. Confirm a <u>preview</u> of the report displays onscreen and contains columns for Provider name, VFC PIN, IIS ID, % UTD for measure, (# UTD / Childhood Records).
3. Confirm header includes label for Childhood Cohort, Antigens: 1 MMR, 1 VAR, 3 POLIO, 4 DTAP, UTD HEP B, UTD HIB, UTD PCV, Ages Accessed and Date Generated.
4. Depending on the number of facilities in your test environment, your <u>onscreen</u> list may include this ⚠ symbol to indicate performance in the bottom quartile. If so, it will appear to the right of the UTD Measure %.
5. Export the list to csv or xls.
6. Confirm a pop-up window indicates the export is in process.
7. Confirm the exported list includes your newly created facility from Day 1.
8. Confirm the exported list contains columns for Provider name, VFC PIN, Provider IIS ID, VFC Status, County, UTD Count, Patient Count, % UTD for measure, Provider Rank and Quartile. Your facility's rank and quartile position on the list will depend on the other facilities in your test environment.
9. Confirm exported list has a header which includes label for Childhood Cohort, Antigens: 1 MMR, 1 VAR, 3 POLIO, 4 DTAP, UTD HEP B, UTD HIB, UTD PCV, Ages Accessed and Date Generated.

Master Rate Comparison: Adolescent

1. Access the Master Rate Comparison for Adolescent by selecting it from the left menu.
2. Confirm a <u>preview</u> of the report displays onscreen containing columns for Provider name, VFC PIN, IIS ID, % UTD for measure, (# UTD / Adolescent Records).
3. Confirm header includes label for Adolescent Cohort, Antigens: 1 Tdap, 2 HEP A, 2 MMR, 2 VAR, UTD HPV, UTD HEP B, UTD MENACWY, UTD POLIO, Ages Accessed and Date Generated.
4. Depending on the number of facilities in your test environment, your onscreen list may include this ⚠ symbol to indicate performance in the bottom quartile. If so, it will appear to the right of the UTD Measure %. Export the list to csv or xls.
5. Confirm a pop-up window indicates the export is in process.
6. Confirm the exported list includes your newly created facility from Day 1.
7. Confirm the exported list contains columns for Provider name, VFC PIN, Provider IIS ID, VFC Status, County, UTD Count, Patient Count, % UTD for measure, Provider Rank and Quartile. Your facility's rank and quartile position on the list will depend on the other facilities in your test environment.
8. Confirm exported list has a header which includes label for Adolescent Cohort, Antigens: 1 Tdap, 2 HEP A, 2 MMR, 2 VAR, UTD HPV, UTD HEP B, UTD MENACWY, UTD POLIO, Ages Accessed and Date Generated.

Childhood Cohort

1. Search for your recently created facility by name in the top header search box.
2. Close out selection.
3. Search for your recently created facility by VFC PIN in the top header search box and select it.
4. Choose Coverage under Childhood from the left navigation bar.
5. Confirm header contains the following filters:

   Provider Name: (Your Provider)
   VFC PIN: (Your Provider's VFC Pin)
   Selected Cohort/Series/Antigens: Childhood Assessment 4:3:1:3:3:1:4
   Ages Assessed 24-35 months
   Assessment Date: (Today's Date)
   Compliance by Age: 24 months
   As of Date: (Today's Date +/-)

   Note: "As of Date" has been changed to represent the date of the last data refresh. Depending on the timing for your system's overnight refresh, the date may be for today or yesterday. As a result, "As of Date" is referenced as "(Today's Date +/-)" throughout this document.

6. Confirm the display of three icons beneath the filtering information: . Hovering over the icons will display "Print", "Export" and "Coverage Definitions".
7. Confirm that a pop-up window containing the details about the calculations opens when the "Coverage Definitions" icon is clicked.

8. Confirm that top summary graph displays:

      Up-To-Date   **50%** **5/10 Patients**
      Late-Up-To-Date   **20%** **2/10 Patients**
      Missed Opportunities   **60%** **6/10 Patients**

Remember that Influenza, Rotavirus and Hepatitis A are not considered for the calculations in this graph.

9.   Individual Antigen Graph should display the following:

MMR		VAR	
90% Up-To-Date (UTD) 9/10 Patients		80% Up-To-Date (UTD) 8/10 Patients	
0 % Late Up-To-Date 0/10 Patients		0 % Late Up-To-Date 0/10 Patients	
10% Missed Opportunities 1/10 Patients		20% Missed Opportunities 2/10 Patients	
2 HEP A		**3 POLIO**	
70% Up-To-Date (UTD) 7/10 Patients		80% Up-To-Date (UTD) 8/10 Patients	
20% Late Up-To-Date 2/10 Patients		0 % Late Up-To-Date 0/10 Patients	
10% Missed Opportunities 1/10 Patients		20% Missed Opportunities 2/10 Patients	
4 DTaP		**HEP B**	
90% Up-To-Date (UTD) 9/10 Patients		90% Up-To-Date (UTD) 9/10 Patients	
0 % Late Up-To-Date 0/10 Patients		0 % Late Up-To-Date 0/10 Patients	
10% Missed Opportunities 1/10 Patients		10% Missed Opportunities 1/10 Patients	
HIB		**PCV**	
90% Up-To-Date (UTD) 9/10 Patients		70% Up-To-Date (UTD) 7/10 Patients	
0 % Late Up-To-Date 0/10 Patients		0% Late Up-To-Date 0/10 Patients	
10% Missed Opportunities 1/10 Patients		30% Missed Opportunities 3/10 Patients	
ROTAVIRUS			
90% Up-To-Date (UTD) 9/10 Patients		0% Missed Opportunities 0/10 Patients	
0 % Late Up-To-Date 0/10 Patients			

10. Print the Childhood Coverage Rate. The graph will display the same in the printout, but will contain Filtering info in the page header, including:

> Provider Name: (Your Provider)
> VFC PIN: (Your Provider's VFC Pin)
> Selected Cohort: Childhood | Ages Assessed 24 to 35 months
> Selected Cohort/Series/Antigens: Childhood Assessment 4:3:1:3:3:1:4
> Assessment Date: (Today's Date +/-)
> Compliance by Age: 24 months

11. Export Childhood Coverage Rate. The graph will display the same in the .PDF export, but will contain Filtering info in the page header, including:

> Provider Name: (Your Provider)
> VFC PIN: (Your Provider's VFC Pin)
> Selected Cohort: Childhood | Ages Assessed 24 to 35 months
> Selected Cohort/Series/Antigens: Childhood Assessment 4:3:1:3:3:1:4
> Assessment Date: (Today's Date +/-)
> Compliance by Age: 24 months
> As of Date: (Today's Date +/-)

12. Toggle to table view and confirm the table view contains same data as the graph display.

13. Print the Childhood Coverage Rate Table. The table will display the same in the printout, but will contain filtering info in the page header, including:

> Provider Name: (Your Provider)
> VFC PIN: (Your Provider's VFC Pin)
> Selected Cohort: Childhood | Ages Assessed 24 to 35 months
> Selected Cohort/Series/Antigens: Childhood Assessment 4:3:1:3:3:1:4
> Assessment Date: (Today's Date)
> Compliance by Age: 24 months
> As of Date: (Today's Date +/-)

14. Export Childhood Coverage Rate to xls or csv. The table will display the same in the export, but will contain filtering info in the page header, including:

> Provider Name: (Your Provider)
> VFC PIN: (Your Provider's VFC Pin)
> Selected Cohort: Childhood | Ages Assessed 24 to 35 months
> Selected Cohort/Series/Antigens: Childhood Assessment 4:3:1:3:3:1:4
> Assessment Date: (Today's Date)
> Compliance by Age: 24 months
> As of Date: (Today's Date +/-)

15. Select Patient List report from left navigation bar.
16. Confirm the header filters appear as on the Coverage Rate Report.
17. Select Full List.
18. Confirm patients are listed alphabetically by last name.
19. Confirm that the display includes patient name, ID, DOB, gender, and last vaccination date.

20. Export the Full List to csv or xls. The Full list should contain the names of patients recently created, except **Patients A and B**.
21. Confirm the presence of columns for patient name, ID, DOB, gender, last vaccination date, phone number and cell phone number.
22. Choose Missed Opportunity report from the drop-down and export to csv or xls
23. All patients will appear on the list for Missed Opportunities for Flu. In addition, confirm the following patients appear on the list with their relevant missed antigens:
    Patient D, DTaP
    Patient D, Hib
    Patient D, PCV
    Patient E, Polio
    Patient F, Polio
    Patient F, Hep B
    Patient F, PCV
    Patient G, MMR
    Patient G, Varicella
    Patient J, Varicella
    Patient J, PCV
24. Choose Invalid Dose report from the drop-down.
25. Confirm the following patient appears on the list with the relevant invalid antigen:
    Patient J, Varicella, Live spacing error

Adolescent Cohort

1. Search for your recently created facility using name in the top header search box.
2. Choose Coverage under Adolescent from the left navigation bar.
3. Confirm header contains the following filters:
    Provider Name: (Your Provider)
    VFC PIN: (Your Provider's VFC Pin)
    Selected Cohort/Series/Antigens: UTD Hep B, 2 MMR, 2 Var, 1 Tdap, UTD MenACWY, HPV, 2 Hep A, UTD Polio
    Ages Assessed: 13 years
    Assessment Date: (Today's Date)
    Compliance by Age: 13 years
    As of Date: (Today's Date +/-)

4. Confirm the display of three icons beneath the filtering information: . Hovering over the icons will display "Print", "Export" and "Coverage Definitions".
5. Confirm that a pop-up window containing the details about the calculations opens when the "Coverage Definitions" icon is clicked.
6. Confirm that top summary graph displays:
    Up-To-Date   27%   3/11 Patients

Late-Up-To-Date   0% 0/11 Patients
Missed Opportunities 58% 7/11 Patients
Remember that Influenza and Hepatitis A are not considered for the calculations in this graph.

7.   Individual Antigen Graph should display the following:

TDAP	HEP A
81.82% Up-To-Date (UTD) 9/11 Patients	81.82% Up-To-Date (UTD) 9/11 Patients
18.18 % Late Up-To-Date 2/11 Patients	0 % Late Up-To-Date 0/11 Patients
0% Missed Opportunities 0/11 Patients	18.18% Missed Opportunities 2/11 Patients
MMR	**VAR**
72.73% Up-To-Date (UTD) 8/11 Patients	54.55% Up-To-Date (UTD) 6/11 Patients
0% Late Up-To-Date 0/11 Patients	9.09 % Late Up-To-Date 1/11 Patients
27.27% Missed Opportunities 3/11 Patients	27.27% Missed Opportunities 3/11 Patients
HEP B	**HPV**
90.91% Up-To-Date (UTD) 10/11 Patients	63.64% Up-To-Date (UTD) 7/11 Patients
0 % Late Up-To-Date 0/11 Patients	0 % Late Up-To-Date 0/11 Patients
9.09% Missed Opportunities 1/11 Patients	27.27% Missed Opportunities 3/11 Patients
MENACWY	**POLIO**
72.73% Up-To-Date (UTD) 8/11 Patients	100% Up-To-Date (UTD) 11/11 Patients
18.18 % Late Up-To-Date 2/11 Patients	0 % Late Up-To-Date 0/11 Patients
9.09% Missed Opportunities 1/11 Patients	0% Missed Opportunities 0/11 Patients

8.   Toggle to table view and confirm the table view contains same data as graph display.

9. Print the Adolescent Coverage Rate Table. The table will display the same in the printout, but will contain Filtering info in the page header, including:

    > Provider Name: (Your Provider)
    > VFC PIN: (Your Provider's VFC Pin)
    > Selected Cohort/Series/Antigens: UTD Hep B, 2 MMR, 2 Var, 1 Tdap, UTD MenACWY, HPV, 2 Hep A, UTD Polio
    > Ages Assessed: 13 years
    > Assessment Date: (Today's Date)
    > Compliance by Age: 13 years
    > As of Date: (Today's Date +/-)

10. Export Adolescent Coverage Rate to xls or csv. The table will display the same in the export, but will contain Filtering info in the page header, including:

    > Provider Name: (Your Provider)
    > VFC PIN: (Your Provider's VFC Pin)
    > Selected Cohort/Series/Antigens: UTD Hep B, 2 MMR, 2 Var, 1 Tdap, UTD Men, HPV, 2 Hep A, UTD Polio
    > Ages Assessed: 13 years
    > Assessment Date: (Today's Date)
    > Compliance by Age: 13 years
    > As of Date: (Today's Date +/-)

11. Select Patient List report from left navigation bar.
12. Confirm the header filters appear as on the Coverage Rate Report.
13. Select Full List.
14. Confirm patients are listed alphabetically by last name.
15. Confirm that the display includes patient name, ID, DOB, gender, and last vaccination date.
16. Export the Full List to csv or xls. Full list should contain the names of patients recently created, except **Patients N and O** (due to their ages).
17. Confirm the presence of columns for patient name, ID, DOB, gender, last vaccination date, phone number and cell phone number.
18. Choose Missed Opportunity report from the drop-down and export the list to csv or xls.
19. All patients will appear on the list for Missed Opportunities for Flu . In addition, confirm the following patients appear on the list with their relevant missed antigens:

    > **Patient P, Hepatitis A**
    > **Patient P, HPV**
    > **Patient Q, Hepatitis B**
    > **Patient S, MMR**
    > **Patient S, Varicella**

Patient X, MMR
Patient X, Varicella
Patient Y, MenACWY
Patient Z, MMR
Patient Z, Varicella

Day 2 Summary

- **You will have conducted basic navigation testing to confirm user level access.**
- **You have viewed and exported Master Rate Comparison reports for Childhood and Adolescent Cohorts.**
- **You have confirmed the Childhood and Adolescent assessments are based upon patients with active status for the relevant facility using the Patient List.**
- **You will have confirmed the Adolescent cohort includes only patients who are 13 years of age.**
- **You have viewed the list of Patients with Missed Opportunities and Invalid doses and cross-referenced with the Test Data Set.**
- **You have viewed Childhood and Adolescent Coverage Reports, confirming the calculations are as expected based on your test data.**

Day 3: Test Data Updates

TIME SENSITIVE TEST. Complete the following before continuing your testing process.
Make the following changes to your recently created cohorts in your IIS and allow the data to refresh overnight.

PAIS Scenario Data

Add **Patients A, B, and W** to your recently created facility, making sure they have an active patient status. All test patients from the Test Data Set should now have active status with the facility. This will allow you to confirm that patients with active status for the assessed facility are included in the assessment.

Cohort Data

Add the following vaccines for the patients indicated. This will allow you to observe that coverage rate and missed opportunities consider the patient and vaccine data available.

For DOB, calculate age "as of today"	First	Last	Vaccine			
27 mos, 1 wk	Patient	C	Hep A #2 at 23 mos, 3 wks			
28 mos	Patient	D	DTaP #4 at 15 mos	Hib PRP-T #4 at 15 mos	PCV #4 at 15 mos	
13 yrs, 2 mos	Patient	X	MMR #2 at 4 years			

Immunity and Contraindications

In the IIS, add the following to the patient record indicated:

Patient G, History of thrombocytopenia or thrombocytopenic purpura

Allow the data to refresh overnight

Day 3 Summary

- **Three patients now have active status with a different facility and will be included in that facility's assessment after the data refreshes.**
- **New vaccination data has been added to existing patients in both cohorts.**
- **Contraindication and immunity data have been added to patients in each cohort.**

Day 4: Suggested Test Scenarios

The purpose of the test cases is to confirm the data refresh process and the accuracy of SMaRT AFIX's calculation logic. The following results can only be expected to match your reports if you have utilized the provided data sets. If the output is different, regardless of the test data used in your environment, please attempt to confirm that the logic is working as expected.

The following scenarios assume the data has been allowed to refresh overnight.

Reminder: If your SMaRT AFIX session becomes inactive, your reports may fail to load. You will need to log out using the avatar in the top right corner and log in again to continue.

Childhood Cohort Scenarios

1. Search for your recently created facility using name or VFC PIN in the top header search box and select it.
2. Choose Coverage under Childhood from the left navigation bar.
3. Confirm that top summary graph displays

Up-To-Date	**50%**	**6/12 Patients**
Late-Up-To-Date	**16.67%**	**2/12 Patients**
Missed Opportunities	**41.67%**	**5/12 Patients**

   (Remember that Hep A, Rotavirus and Influenza do not contribute to the summary graph.)
4. Confirm rank for facility is visible below summary graph.
5. Individual Antigen Graph should display the following:

MMR	VAR
91.67% Up-To-Date (UTD) 11/12 Patients	83.33% Up-To-Date (UTD) 10/12 Patients
0 % Late Up-To-Date 0/12 Patients	0 % Late Up-To-Date 0/12 Patients
0% Missed Opportunities 0/12 Patients	0% Missed Opportunities 0/12 Patients
2 HEP A	**3 POLIO**
83.33% Up-To-Date (UTD) 10/12 Patients	75% Up-To-Date (UTD) 9/12 Patients
16.67% Late Up-To-Date 2/12 Patients	0 % Late Up-To-Date 0/12 Patients
0% Missed Opportunities 0/12 Patients	25% Missed Opportunities 3/12 Patients
4 DTaP	**HEP B**
100% Up-To-Date (UTD) 12/12 Patients	83.33% Up-To-Date (UTD) 10/12 Patients
0 % Late Up-To-Date 0/10 Patients	0 % Late Up-To-Date 0/12 Patients

0% Missed Opportunities 0/12 Patients	16.67% Missed Opportunities 2/12 Patients
HIB	**PCV**
100% Up-To-Date (UTD) 12/12 Patients	75% Up-To-Date (UTD) 9/12 Patients
0 % Late Up-To-Date 0/12 Patients	0% Late Up-To-Date 0/12 Patients
0% Missed Opportunities 0/12 Patients	25% Missed Opportunities 3/12 Patients
ROTAVIRUS	
91.67% Up-To-Date (UTD) 11/12 Patients	0% Missed Opportunities 0/12 Patients
0 % Late Up-To-Date 0/12 Patients	

6. Confirm table view contains same data as graph display.
7. Select Patient List report from left navigation bar and export the Full List to xls or csv
8. Full list should contain the names of patients created the first day (Recall that onscreen lists are truncated and may require export to see the entire list.)
9. Choose Missed Opportunity report from the drop-down and export the Full List to xls or csv.
10. Confirm the following patients appear on the list with their relevant missed antigens. (Patients will all have Missed Opportunities for Flu.)

    Patient B, Hepatitis B
    Patient B, Polio
    Patient B, PCV
    Patient E, Polio
    Patient F, Polio
    Patient F, Hep B
    Patient F, PCV
    Patient J, Varicella
    Patient J, PCV

11. Choose Invalid Dose report from the drop-down.
12. Confirm the following patient appears on the list with the relevant invalid antigen:
    Patient I, Varicella, Live spacing error

Adolescent Cohort Scenarios

1. Search for your recently created facility using name in the top header search box.
2. Choose Coverage under Adolescent from the left navigation bar.
3. Confirm that top summary graph displays
   Up-To-Date   33%   4/12 Patients
   Late-Up-To-Date   0%   0/12 Patients
   Missed Opportunities 58%   7/12 Patients
4. Confirm rank for facility is visible below summary graph.
5. Individual Antigen Graph should display the following:

TDAP	HEP A
83.33% Up-To-Date (UTD) 10/12 Patients	83.33% Up-To-Date (UTD) 10/12 Patients
16.67 % Late Up-To-Date 2/12 Patients	0 % Late Up-To-Date 0/12 Patients
0% Missed Opportunities 0/12 Patients	16.67% Missed Opportunities 2/12 Patients
MMR	**VAR**
83.33% Up-To-Date (UTD) 10/12 Patients	58.33% Up-To-Date (UTD) 7/12 Patients
0% Late Up-To-Date 0/12 Patients	8.33 % Late Up-To-Date 1/12 Patients
16.67% Missed Opportunities 2/12 Patients	25% Missed Opportunities 3/12 Patients
HEP B	**HPV**
91.67% Up-To-Date (UTD) 11/12 Patients	66.67% Up-To-Date (UTD) 8/12 Patients
0 % Late Up-To-Date 0/11 Patients	0 % Late Up-To-Date 0/12 Patients
8.33% Missed Opportunities 1/12 Patients	25% Missed Opportunities 3/12 Patients
MENACWY	**POLIO**
75 % Up-To-Date (UTD) 9/12 Patients	100% Up-To-Date (UTD) 12/12 Patients
16.67 % Late Up-To-Date 2/12 Patients	0 % Late Up-To-Date 0/12 Patients
8.33% Missed Opportunities 1/12 Patients	0% Missed Opportunities 0/12 Patients

6.   Confirm table view contains same data as graph display.

7.   Select Patient List report from left navigation bar and export the Full List to csv or xls. Full list should contain the names of patients created the first day, plus Patient W. (Recall that onscreen lists are truncated and may require export to see the entire list.)

8.   Choose Missed Opportunity report from the drop-down and export to csv and xls.

9.   Confirm the following patients appear on the list with their relevant missed antigens. (All patients will have missed opportunities for flu.)

Patient P, Hepatitis A
Patient P, HPV
Patient Q, Hepatitis B
Patient S, MMR
Patient S, Varicella
Patient W, Varicella
Patient X, MMR
Patient X, Varicella
Patient Y, MenACWY
Patient Z, MMR
Patient Z, Varicella

10.   Export Invalid Dose Patient List to xls or csv. The patient list will contain Filtering info in the page header, including:

Provider Name: (Your Provider)
VFC PIN: (Your Provider's VFC Pin)
Selected Cohort/Series/Antigens: UTD Hep B, 2 MMR, 2 Var, 1 Tdap, UTD MenACWY, HPV, 2 Hep A, UTD Polio
Ages Assessed: 13 years
Assessment Date: (Today's Date)
Compliance by Age: 13 years
As of Date: (Today's Date +/-)

11.   Choose Invalid Dose report from the drop-down. Confirm the following patients appear on the list with their relevant invalid antigens:

Patient W, Varicella, Live spacing error

Custom Patient List Scenarios

1.   Log in as AFIX Level (RC) user
2.   Select Custom from left navigation.
3.   Specify your newly created facility by name or VFC PIN
4.   Change "as of date" to a date prior to today's date, within 14 days in the past.
5.   Define custom parameters:

Age range: 28-33 months

Gender: Female

Antigens: Varicella

6. Confirm header displays filter selections.
7. Use preview function to run full patient list.
8. Confirm list includes:

    Patient D

    Patient F

    Patient H

    Patient J

9. Use reset button to clear all filter selections except Facility name. Change report parameters to:

    Your newly created facility by name or VFC PIN

    Age range: Adolescent Cohort

    Gender: Female

    Antigen: Hep A

10. Confirm header reflects user filter selections.
11. Use preview function to display portion of full patient list.
12. Save and name report.
13. Select saved report from left navigation bar.
14. Select Full Patient List and export to csv or xls.
15. Confirm Full Patient List includes:

    Patient P

    Patient Q

    Patient R

    Patient T

    Patient V

    Patient X

16. Select Missed Opportunities Patient List and export to csv or xls.
17. Confirm Missed Opportunities List includes:

    Patient P

    Patient Q

Manage Reports: Create Groups

(If you do not have any saved Custom Reports, use the Custom create and save one now)
1. Log into SMaRT AFIX as an AFIX level user.
2. Select the "Manage Reports" link from the left taskbar.
3. Click the "New Group" button. Type a Group Name in the field, then click the "Create" button. Note the "Changes have not been saved" message. Click the "Save Changes" button.
4. Note your saved Report Templates on the right half of the screen, under the "Unassigned Report Templates" header. Use the mouse to drag-and-drop one of these to your new Group. Click "Save Changes." Note that your saved Custom Report is no longer displayed on the left taskbar, but that

the newly-created Group appears. Click the arrow next to the Group Name in the left taskbar. Note that the report name appears below it.

5. Click the three buttons in the Group Name. Select "Delete Group." Click "Save Changes." Observe that the group is deleted, but the report returns to the Unassigned Report Templates section.

Provider Group Access Scenarios

1. Log into SMaRT AFIX as an AFIX level user with Access Manager Users Page role.
2. Click on the avatar in the upper right corner and select "Manage Provider Groups".
3. Click the "Create New" button (to the right of the search field and button).
4. On the Add/Edit Provider Group page that opens, under the Modify Provider Group heading, enter the new provider group name in the Provider Group Name field.
5. Add at least one facility to the group and click "Save".
6. Locate your newly created Provider Group in the list, then click "Edit" button.
7. Make changes to the group by renaming the group or adding and save.
8. Select a provider group in the list and then click the Add User button
9. Search for a user by name, add the user to the provider group and save.
10. Select export icon in lower left corner and observe exported report of users and associated facilities.
11. Log out.
12. Log back in as the AFIX level user with Provider Group access role
13. Ensure user can access Master Rate Comparison from left navigation menu.
14. Ensure user can specify a facility from the previously assigned Provider Group in the search bar by name or VFC PIN
15. Ensure user can access coverage rate reports for a facility from the assigned Provider Group
16. Ensure user can access patient lists for a facility from the assigned Provider Group.
17. Clear facility selection from search bar.
18. Enter name or VFC PIN for facility which is not part of the Provider Group.
19. Ensure user is unable to access coverage rates or patient lists for the selected facility.

Day 4 Summary
- **You have confirmed the Childhood and Adolescent assessments are based upon patients with active status for the relevant facility using the Patient List.**
- **You have viewed Childhood and Adolescent Coverage Reports, confirming the calculations are as expected based on your test data, including the addition of new patients, new vaccines, immunity and contraindications.**
- **You have viewed the list of Patients with Missed Opportunities and Invalid doses and cross-referenced with the Test Data Set.**
- **You have tested Custom Patient Lists, confirming the list contains expected patients.**

- **You have used Manage Reports to organize your custom templates.**
- **You have tested the Provider Group functionality to ensure broad access to all functionality is enabled and data is limited to the facilities associated with a Provider Group user.**

Childhood Cohort Test Data Set

For DOB, calculate age "as of today"	First	Last	Gender	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4	Status
25 mos, 10 days	Patient	A	Male	DTaP	3 mos	5 mos, 1 wk	10 mos	16 mos	UTD
	Patient	A		IPV	3 mos	5 mos , 1 wk	9 mos		UTD
	Patient	A		MMR	13 mos				UTD
	Patient	A		Hib PRP-T	3 mos	5 mos, 1 wk	9 mos	12 mos, 3 wks	UTD
	Patient	A		Varicella	Same day as MMR				UTD
	Patient	A		Hep B	2 mos, 1 wk	4 mos	9 mos		UTD
	Patient	A		PCV13	3 mos	5 mos, 1 wk	9 mos	14 mos, 3 wks	UTD
	Patient	A		Hep A	15 mos	21 mos, 1 wk			UTD
	Patient	A		RV5	2 mos, 1 wk	4 mos	6 mos		UTD
26 mos	Patient	B	Female	DTaP	2 mos, 2 wks	4 mos, 2 wks	7 mos	14 mos	UTD
	Patient	B		IPV	2 mos, 2 wks	6 mos			MO
	Patient	B		MMR	12mos, 1 wk				UTD
	Patient	B		Hib PRP-T	2 mos, 2 wks	5 mos	8 mos	12 mos	UTD
	Patient	B		Varicella	Same day as MMR				UTD
	Patient	B		Hep B	Birth dose	2 mos, 1 wk			MO
	Patient	B		PCV13	2 mos	4 mos, 2 wks	7 mos		MO
	Patient	B		Hep A	14 mos	20 mos, 2 wks			UTD
	Patient	B		RV5	2 mos	4 mos, 2 wks	6 mos		UTD
27 mos, 1 wk	Patient	C	Male	DTaP	5 mos	7 mos, 1 wk	9 mos, 2 wks	17 mos	UTD

For DOB, calculate age "as of today"	First	Last	Gender	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
	Patient	C		IPV	5 mos	7 mos, 1 wk	9 mos, 2 wks			UTD
	Patient	C		MMR	15 mos					UTD
	Patient	C		Hib PRP-T	5 mos	7 mos, 1 wk	9 mos, 2 wks	16 mos		UTD
	Patient	C		Varicella	Same day as MMR					UTD
	Patient	C		Hep B	3 mos	5 mos, 1 wk	10 mos			UTD
	Patient	C		PCV13	5 mos	7 mos, 1 wk	9 mos, 2 wks	16 mos		UTD
	Patient	C		Hep A	17 mos					MO
	Patient	C		RV5	2 mos	4 mos	6 mos			UTD
28 mos	Patient	D	Female	DTaP	2 mos, 1 wk	4 mos, 2 wks	7 mos			MO
	Patient	D		IPV	2 mos, 1 wk	4 mos, 2 wks	7 mos			UTD
	Patient	D		MMR	13 mos					UTD
	Patient	D		Hib PRP-T	2 mos, 1 wk	4 mos, 2 wks	7 mos			MO
	Patient	D		Varicella	Same day as MMR					UTD
	Patient	D		Hep B	4 days	2 mos, 1 wk	6 mos, 2 wks			UTD
	Patient	D		PCV13	2 mos, 1 wk	4 mos, 2 wks	7 mos			MO
	Patient	D		Hep A	14 mos	20 mos, 2 wks				UTD
	Patient	D		RV5	2 mos	4 mos	6 mos			UTD
28 mos, 2 wks	Patient	E	Male	DTaP	2 mos, 1 wk	4 mos, 2 wks	7 mos	13 mos, 2 wks		UTD
	Patient	E		IPV	2 mos, 2 wks	4 mos, 2 wks				MO
	Patient	E		MMR	13 mos					UTD
	Patient	E		Hib PRP-OMP	2 mos, 2 wks	5 mos	14 mos			UTD

For DOB, calculate age "as of today"	First	Last	Gender	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
	Patient	E		Varicella	Same day as MMR					UTD
	Patient	E		Hep B	2 wks	2 mos, 2 wks	9 mos, 2 wks			UTD
	Patient	E		PCV13	2 mos, 1 wk	4 mos, 2 wks	7 mos	14 mos, 3 wks		UTD
	Patient	E		Hep A	14 mos	20 mos, 2 wks				UTD
	Patient	E		RV1	2 mos, 1 wk	4 mos, 2 wks				UTD
29 mos	Patient	F	Female	DTaP	2 mos, 2 wks	4 mos, 2 wks	7 mos	14 mos		UTD
	Patient	F		IPV	2 mos, 2 wks	6 mos				MO
	Patient	F		MMR	12 mos, 1 week					UTD
	Patient	F		Hib PRP-OMP	2 mos, 2 wks	4 mos, 2 wks	12 mos			UTD
	Patient	F		Varicella	Same day as MMR #1					UTD
	Patient	F		Hep B	Birth dose	2 mos, 1 wk				MO
	Patient	F		PCV13	2 mos	4 mos, 2 wks	7 mos			MO
	Patient	F		Hep A	14 mos	20 mos, 2 wks				UTD
	Patient	F		RV1	2 mos	4 mos, 2 wks				UTD
29 mos, 2 wks	Patient	G	Male	DTaP/IPV/ Hep B	2 mos	4 mos, 2 wks	7 mos			UTD
	Patient	G		DTaP			15 mos			
	Patient	G		MMR						MO
	Patient	G		Hib PRP-T	2 mos	4 mos, 2 wks	7 mos	13 mos		UTD
	Patient	G		Varicella						MO
	Patient	G		PCV13	2 mos	4 mos, 2 wks	6 mos	13 mos		UTD
	Patient	G		Hep A	14 mos	20 mos, 2 wks				UTD

For DOB, calculate age "as of today"	First	Last	Gender	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
	Patient	G		RV5	2 mos	4 mos	6 mos			UTD
30 mos	Patient	H	Female	DTaP/IPV/ Hep B	2 mos	4 mos	6 mos, 2 wks			UTD
	Patient	H		DTaP				15 mos, 2 wks		
	Patient	H		MMR	14 mos					UTD
	Patient	H		Hib PRP-T	4 mos	6 mos, 2 wks	9 mos	12 mos		UTD
	Patient	H		Varicella	Same day as MMR #1					UTD
	Patient	H		PCV13	2 mos	4 mos	6 mos, 2 wks	12 mos		UTD
	Patient	H		Hep A	16 mos	25 mos				LUTD
	Patient	H		RV5	2 mos	4 mos	7 mos			UTD
31 mos	Patient	I	Male	DTaP/IPV/ Hep B	2 mos	4 mos	6 mos, 2 wks			UTD
	Patient	I		DTaP				16 mos		
	Patient	I		MMR	12 mos					UTD
	Patient	I		Hib PRP-T	4 mos	6 mos, 2 wks	9 mos	14 mos		UTD
	Patient	I		Varicella	Same day as MMR #1					UTD
	Patient	I		PCV13	4 mos	6 mos, 2 wks	9 mos	14 mos		UTD
	Patient	I		Hep A	12 mos	19 mos				UTD
	Patient	I		RV1	2 mos	4 mos				UTD
32 mos	Patient	J	Female	DTAP/IPV/ Hib	2 mos	4 mos, 2 wks	7 mos			UTD
	Patient	J		DTaP				15 mos		
	Patient	J		MMR	14 mos					UTD
	Patient	J		Hep B	Birth dose	4 mos, 2 wks	7 mos			UTD

For DOB, calculate age "as of today"	First	Last	Gender	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
	Patient	J		Hib PRP-T				15 mos		UTD
	Patient	J		Varicella	14 mos (10 days after MMR Dose #1)					INVALID MO
	Patient	J		PCV13	2 mos	4 mos, 2 wks	7 mos			MO
	Patient	J		Hep A	16 mos	25 mos				LUTD
	Patient	J		RV5	2 mos	4 mos, 2 wks	6 mos			UTD
33 mos	Patient	K	Male	DTAP/IPV/Hib	2 mos	4 mos, 2 wks	6 mos			UTD
	Patient	K		DTaP				15 mos		UTD
	Patient	K		MMR	13 mos					UTD
	Patient	K		Hib PRP-T				15 mos		UTD
	Patient	K		Varicella	Same day as MMR #1					UTD
	Patient	K		Hep B	Birth dose	6 mos	13 mos			UTD
	Patient	K		PCV13	2 mos	4 mos, 2 wks	6 mos	13 mos		UTD
	Patient	K		Hep A	14 mos	20 mos				UTD
	Patient	K		RV5	2 mos	4 mos, 2 wks	6 mos			UTD
34 mos	Patient	L	Male	DTaP	2 mos	4 mos, 2 wks	7 mos	15 mos		UTD
	Patient	L		IPV	2 mos	4 mos, 2 wks	7 mos			UTD
	Patient	L		MMR	12 mos					UTD
	Patient	L		Hib PRP-OMP	2 mos	4 mos, 2 wks	12 mos			UTD
	Patient	L		Varicella	Same day as MMR #1					UTD
	Patient	L		Hep B	Birth dose	2 mos	7 mos			UTD
	Patient	L		PCV13	2 mos	4 mos, 2 wks	7 mos	15 mos		UTD

For DOB, calculate age "as of today"	First	Last	Gender	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
	Patient	L		Hep A	12 mos	19 mos				UTD
	Patient	L		RV5	2 mos	4 mos, 2 wks				Not UTD No MO

Adolescent Cohort Test Data Set

Demographics	First	Last	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
Age: 12 yrs, 10 mos "as of today"	Patient	N	Tdap	11 yrs					UTD
Gender: Female	Patient	N	Hep A	13 mos	25 mos				UTD
Race: Asian	Patient	N	MMR	14 mos					MO
VFC: Privately insured	Patient	N	Varicella						MO
	Patient	N	Hep B	Birth	10 wks	9 mos			UTD
	Patient	N	HPV9						MO
	Patient	N	MenACWY	11 yrs					UTD
	Patient	N	IPV						MO
Age: 14yrs, 6 mos "as of today"	Patient	O	Tdap	11 yrs					UTD
Gender: Female	Patient	O	Hep A						MO
Race: American Indian	Patient	O	MMR	13 mos	7 yrs				UTD
VFC: American Indian/Alaskan Native	Patient	O	Varicella	Same day as MMR #1	Same day as MMR #2				UTD
	Patient	O	Hep B						MO

Demographics	First	Last	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4	Status
	Patient	O	HPV9					MO
	Patient	O	MenACWY	11 yrs				UTD
	Patient	O	IPV	7 yrs				MO
Age: 13 yrs, 5 mos "as of today"	Patient	P	Tdap	11 years				UTD
Gender: Female	Patient	P	Hep A	13 mos				MO
Race: White	Patient	P	MMR	13 mos	5 yrs			UTD
VFC: CHIP	Patient	P	Varicella	Same day as MMR #1	Same day as MMR #2			UTD
	Patient	P	Hep B	Birth	9 wks	7 mos		UTD
			HPV9	11 yrs	11 yrs, 3 mos			Not UTD, No MO
	Patient	P	MenACWY	11 yrs				UTD
	Patient	P	DTaP/IPV/Hib	9 wks	7 mos	13 mos	5 yrs	UTD
Age: 13 yrs, 6 mos "as of today"	Patient	Q	Tdap	13 yrs, 3 mos				Late UTD
Gender: Female	Patient	Q	Hep A					MO
Race: Alaskan Native	Patient	Q	MMR	12 mos	6 yrs			UTD
VFC: American Indian/Alaskan Native	Patient	Q	Varicella	Same day as MMR #1	Same day as MMR #2			UTD
	Patient	Q	Hep B	4 mos	11 mos			MO
	Patient	Q	HPV9	11 yrs, 11 mos	12 yrs, 6 mos	12 yrs, 10 mos		UTD
	Patient	Q	MenACWY	13 yrs, 3 mos				Late UTD
	Patient	Q	IPV	8 wks	4 mos	18 mos	6 yrs	UTD

Demographics	First	Last	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
Age: 13 yrs, 3 mos "as of today"	Patient	R	Tdap	11 yrs, 8 mos					UTD
Gender: Female	Patient	R	Hep A	12 mos	9 yrs				UTD
Race: Asian	Patient	R	MMR	12 mos	6 yrs				UTD
VFC: Uninsured	Patient	R	Varicella	Same day as MMR #1	Same day as MMR #2				UTD
	Patient	R	Hep B	9 wks	4 mos	18 mos			UTD
	Patient	R	HPV9	11 yrs, 1 mo	11 yrs, 4 mos	11 yrs, 8 mos			UTD
	Patient	R	MenACWY	11 yrs, 8 mos					UTD
	Patient	R	IPV	9 wks	4 mos	18 mos	6 yrs		UTD
Age: 13 yrs, 9 mos "as of today"	Patient	S	Tdap	12 yrs, 5 mos					UTD
Gender: Male	Patient	S	Hep A						MO
Race: Black	Patient	S	MMR	12 mos					MO
VFC: Uninsured	Patient	S	Varicella	Same day as MMR #1	7 yrs				UTD
	Patient	S	Hep B	2 wks	12 mos	18 mos			UTD
	Patient	S	HPV9	11 yrs, 5 mos	11 yrs, 8 mos	12 yrs, 5 mos			UTD
	Patient	S	MenACWY	12 yrs, 5 mos					UTD
	Patient	S	DTaP/IPV/Hib	2 mos	4 mos	6 mos	15 mos		UTD
	Patient	S	IPV	7 yrs					UTD
			DTaP	7 yrs					UTD
Age: 13 yrs, 7 mos "as of today"	Patient	T	Tdap	13 yrs, 3 mos					Late UTD

Demographics	First	Last	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
Gender: Female	Patient	T	Hep A	12 mos	24 mos				UTD
Race: White	Patient	T	MMR	12 mos	6 yrs				UTD
VFC: Uninsured	Patient	T	Varicella	13 mos	13 yrs, 3 mos				Late UTD
	Patient	T	Hep B	10 wks	5 mos	6 yrs			UTD
	Patient	T	HPV9	13 yrs, 3 mos					Not UTD, No MO
	Patient	T	MenACWY	13 yrs, 3 mos					Late UTD
	Patient	T	IPV	10 wks	5 mos	6 yrs			UTD
Age: 13 yrs, 6 mos "as of today"	Patient	U	Tdap	11 yrs					UTD
Gender: Male	Patient	U	Hep A	12 mos	18 mos				UTD
Race: White	Patient	U	MMR	12 mos					
VFC: Underinsured (FQHC)	Patient	U	Varicella	Same day as MMR #1					UTD
	Patient	U	MMRV		5 yrs				
	Patient	U	Hep B	Birth	2 mos	6 mos			
	Patient	U	DTaP-Hep B- IPV	2 mos	6 mos				UTD
	Patient	U	DTaP-IPV				5 yrs		
	Patient	U	HPV9	11 yrs	11 yrs, 3 mos	12 yrs			UTD
	Patient	U	MenACWY	11 yrs					UTD
									UTD
									UTD
Age: 13 yrs, 5 mos	Patient	V	Tdap	11 yrs					UTD

Demographics	First	Last	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
"as of today"									
Gender: Female	Patient	V	Hep A	12 mos	18 mos				UTD
Race: White	Patient	V	MMR	12 mos	6 yrs				UTD
VFC: State specific eligibility	Patient	V	Varicella	Same day as MMR #1	Same day as MMR #2				UTD
	Patient	V	Hep B	Birth	2 mos	6 mos			UTD
	Patient	V	HPV9	11 yrs	11 yrs, 8mos				Not UTD No MO
	Patient	V	MenACWY	11 yrs					UTD
Dairy Queen 1472	Patient	V	IPV	2 mos	4 mos	6 mos	DTaP-IPV 6 yrs		UTD
	Patient	V	DTaP	2 mos	4 mos	6 mos	15 mos		UTD
Age: 13 yrs, 4 mos "as of today"	Patient	W	Tdap	11 yrs					UTD
Gender: Male	Patient	W	Hep A	12 mos	20 mos				UTD
Race: Asian	Patient	W	MMR	12 mos	6 yrs				UTD
VFC: Private	Patient	W	Varicella	Same day as MMR #1	10 days after MMR #2				MO
	Patient	W	Hep B	Birth	2 mos	6 mos			UTD
	Patient	W	HPV9	11 yrs	12 yrs	12 yrs., 6 mos			UTD
	Patient	W	MenACWY	11 yrs					UTD
	Patient	W	DTaP/IPV/Hib	2 mos	4 mos	6 mos	15 mos		UTD
	Patient	W	DTaP-IPV	6 yrs					
Age: 13 yrs, 2 mos "as of today"	Patient	X	Tdap	11 yrs					UTD
Gender: Female	Patient	X	Hep A	24 mos	4 yrs				UTD

Demographics	First	Last	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
Race: White	Patient	X	MMR	15 mos					MO
VFC: CHIP	Patient	X	Varicella	**Contraindication**					UTD
	Patient	X	Hep B	9 wks	4 mos	7 mos			UTD
	Patient	X	HPV9						MO
	Patient	X	MenACWY	11 yrs					UTD
	Patient	X	IPV	9 wk	4 mos	7 mos			MO
Age: 13 yrs, 4 mos "as of today"	Patient	Y	Tdap	11 yrs					UTD
Gender: Male	Patient	Y	Hep A	24 mos	31 mos				UTD
Race: Black/African American	Patient	Y	MMR	13 mos	4 yrs				UTD
VFC: Uninsured	Patient	Y	Varicella	Same day as MMR #1	Same day as MMR #2				UTD
	Patient	Y	Hep B	Birth	8 wks	7 mos			UTD
	Patient	Y	HPV9	10 yrs	12 yrs				Not UTD No MO
	Patient	Y	MenACWY						MO
	Patient	Y	IPV	8 wks	4 mos	7 mos	4 yrs		UTD
Age: 13 yrs, 3 mos "as of today"	Patient	Z	Tdap	11 yrs					UTD
Gender: Male	Patient	Z	Hep A	26 mos	35 mos				UTD
Race: Alaskan Native	Patient	Z	MMR	15 mos					MO
VFC: American Indian/Alaskan Native	Patient	Z	Varicella						MO
	Patient	Z	Hep B	9 wks	4 mos	10 mos			UTD
	Patient	Z	HPV9						MO

Demographics	First	Last	Vaccine	Dose 1	Dose 2	Dose 3	Dose 4		Status
	Patient	Z	MenACWY	11 years					UTD
	Patient	Z	IPV	9 wks	4 mos	10 mos	5 yrs		UTD