CDC Standard Quality Improvement Report

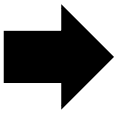
How To: Generate and Retrieve Report in MCIR

This report generates coverage levels for patients last vaccinated by your practice/site in the following age groups:

- Pediatric – 2 years of age
- Young Adolescent – 13 years of age
- Older Adolescent – 17 years of age

The report results **do not** include any identifying personal patient information and are measured according to CDC guidelines regarding the respective birth dates stated above. The report input parameters are determined by the MCIR system.

Generate the CDC Standard QI Report



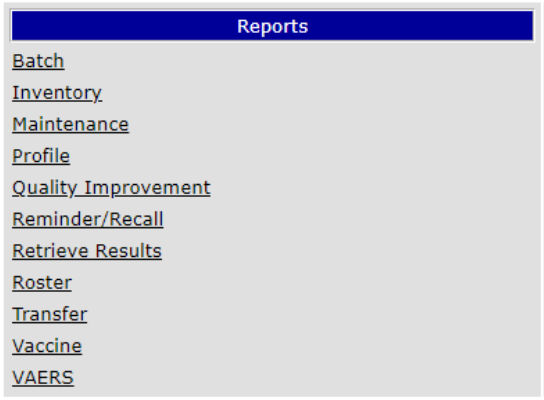


Figure 1

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Quality Improvement (Figure 1).
3. The Quality Improvement Reporting screen will display.
4. Select the 1st Report **CDC Standard Quality Improvement,** (Figure 2).
5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).
6. Select **Submit.**
7. You will be automatically directed to the MCIR Home Screen.

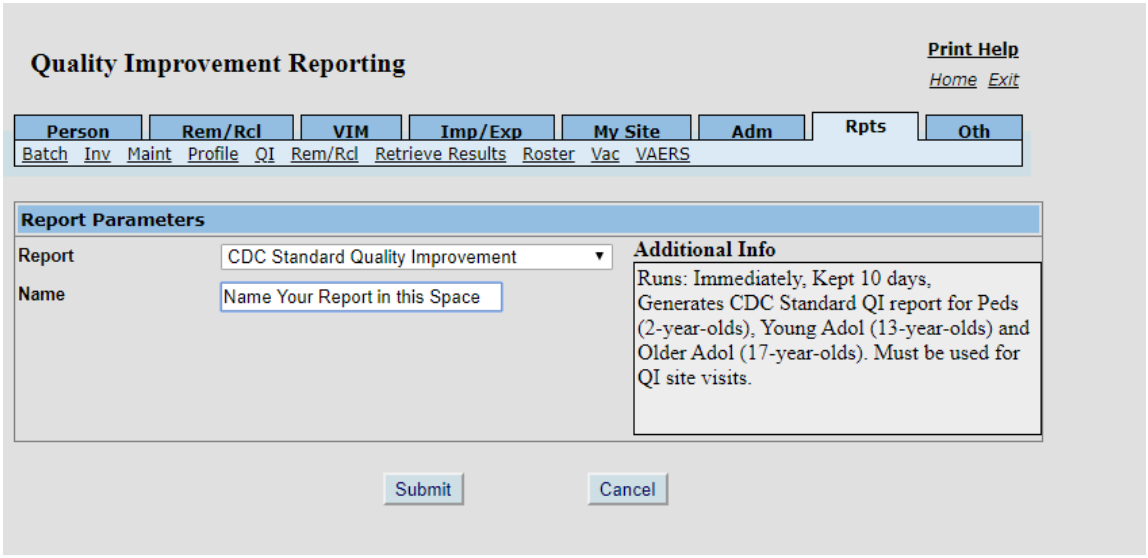


Figure 2

Retrieve the CDC Standard QI Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. Your Provider Site Scheduled Report Results screen will display with your report.
4. The report is immediately ready to open when it displays 'Report Ready,' (Figure 3).
5. Select Report to open to view.
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

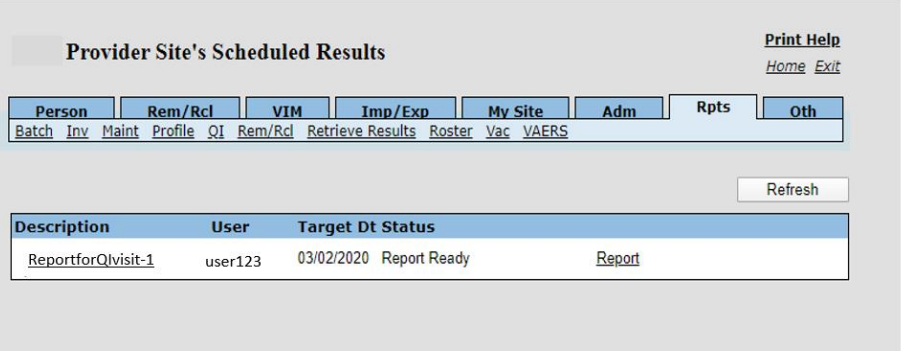
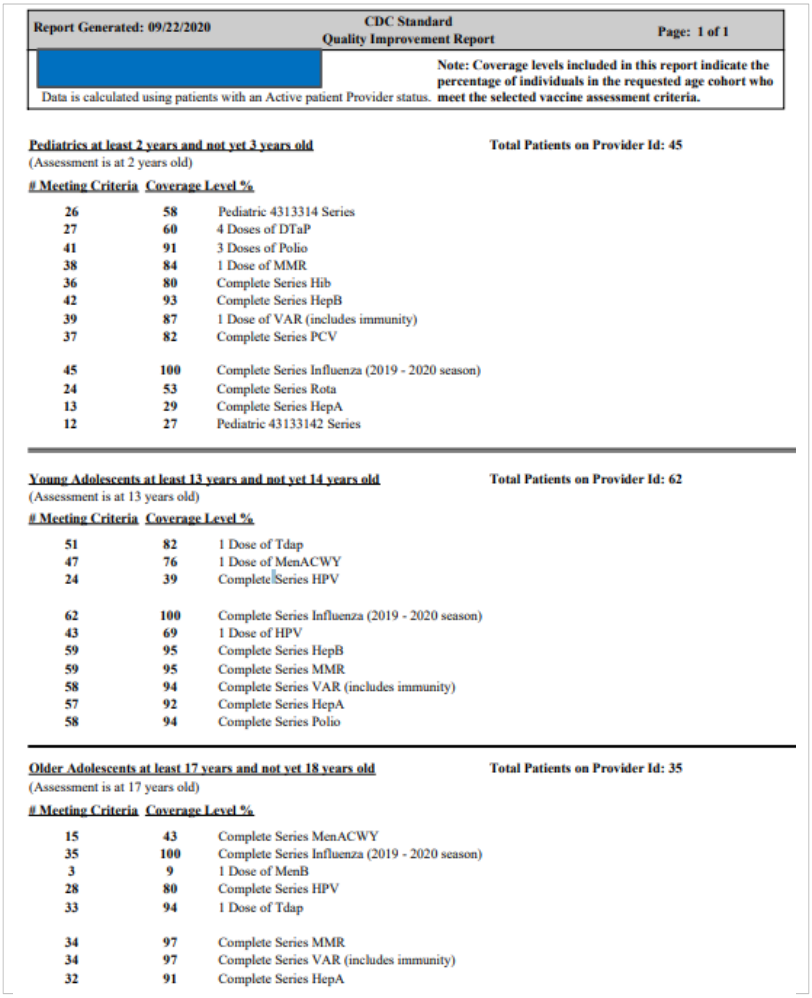


Figure 3

The PDF CDC Standard Quality Improvement Report will display in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report, blank report.



Report Generated: 09/22/2020 — CDC Standard Quality Improvement Report — Page: 1 of 1

Data is calculated using patients with an Active patient Provider status.

Note: Coverage levels included in this report indicate the percentage of individuals in the requested age cohort who meet the selected vaccine assessment criteria.

Pediatrics at least 2 years and not yet 3 years old — Total Patients on Provider Id: 45
(Assessment is at 2 years old)

# Meeting Criteria	Coverage Level %	
26	58	Pediatric 4313314 Series
27	60	4 Doses of DTaP
41	91	3 Doses of Polio
38	84	1 Dose of MMR
36	80	Complete Series Hib
42	93	Complete Series HepB
39	87	1 Dose of VAR (includes immunity)
37	82	Complete Series PCV
45	100	Complete Series Influenza (2019 - 2020 season)
24	53	Complete Series Rota
13	29	Complete Series HepA
12	27	Pediatric 43133142 Series

Young Adolescents at least 13 years and not yet 14 years old — Total Patients on Provider Id: 62
(Assessment is at 13 years old)

# Meeting Criteria	Coverage Level %	
51	82	1 Dose of Tdap
47	76	1 Dose of MenACWY
24	39	Complete Series HPV
62	100	Complete Series Influenza (2019 - 2020 season)
43	69	1 Dose of HPV
59	95	Complete Series HepB
59	95	Complete Series MMR
58	94	Complete Series VAR (includes immunity)
57	92	Complete Series HepA
58	94	Complete Series Polio

Older Adolescents at least 17 years and not yet 18 years old — Total Patients on Provider Id: 35
(Assessment is at 17 years old)

# Meeting Criteria	Coverage Level %	
15	43	Complete Series MenACWY
35	100	Complete Series Influenza (2019 - 2020 season)
3	9	1 Dose of MenB
28	80	Complete Series HPV
33	94	1 Dose of Tdap
34	97	Complete Series MMR
34	97	Complete Series VAR (includes immunity)
32	91	Complete Series HepA

Figure 4

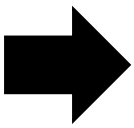
Eligible Not Yet Overdue Immunizations Report

How To: Generate and Retrieve Report in MCIR

This report generates a list of patient names, their date of birth, and the eligible not yet overdue vaccine(s) and its dose number. The report displays the recommended date, (routine), and the earliest date, (accelerated), the vaccine(s) can be administered.

The input parameters regarding age cohort and current vaccine(s) dose numbers entered by the MCIR user. The data results are assessed by MCIR on the date the report generates.

Generate Eligible Not Yet Overdue Report



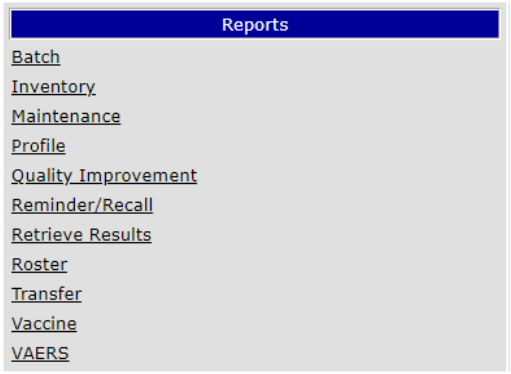


Figure 1

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Quality Improvement, (Figure 1).
3. The **Quality Improvement Reporting** screen will display, (Figure 2).
4. Select the Eligible Not Yet Overdue Immunizations Report.
5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).
6. Select Manual for Type.
7. Select Months or Years for the Age Unit.
8. Enter the 'people of age at least, but not yet of age cohort you wish to assess.
9. Enter the vaccine dose number(s) by replacing the '0' in applicable fields regarding vaccines to be assessed. Enter '999' only when a complete series result is desired.
10. Select **Submit.**
11. You will be automatically directed to the MCIR Home Screen.

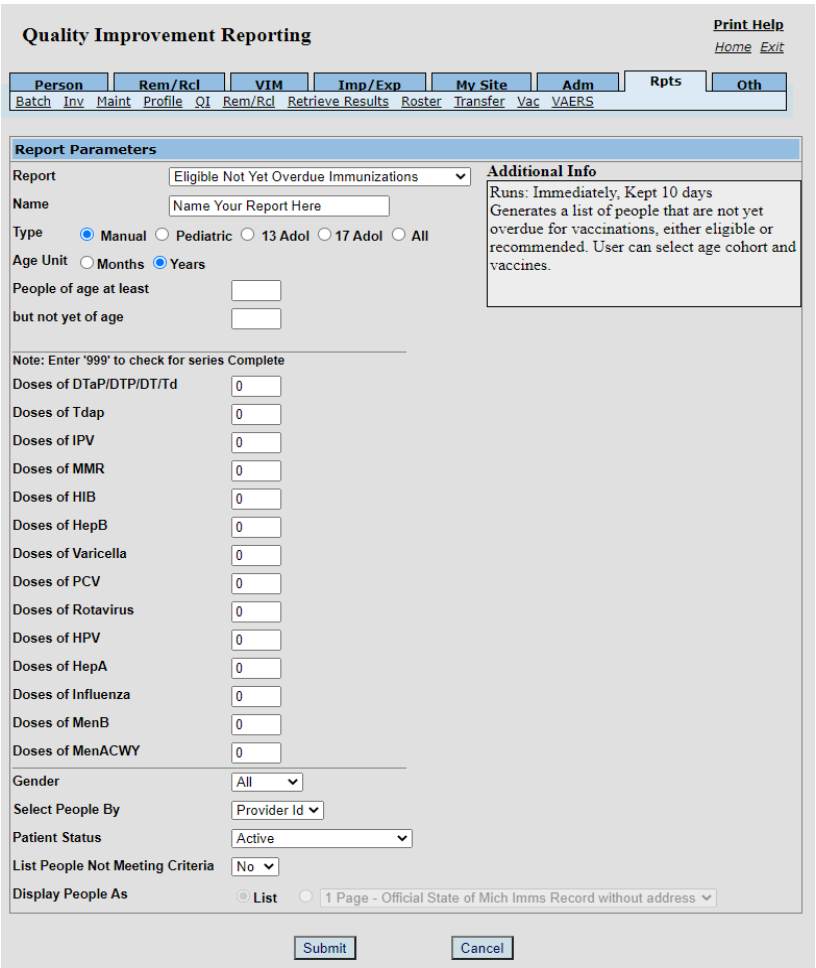


Figure 2

Retrieve Eligible Not Yet Overdue Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. The **Provider Site's Scheduled Results** report screen will display with your report, (Figure 3).
4. The report is immediately ready to open when it displays 'Report Ready'.
5. Select Report to open to view, (Figure 3).
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

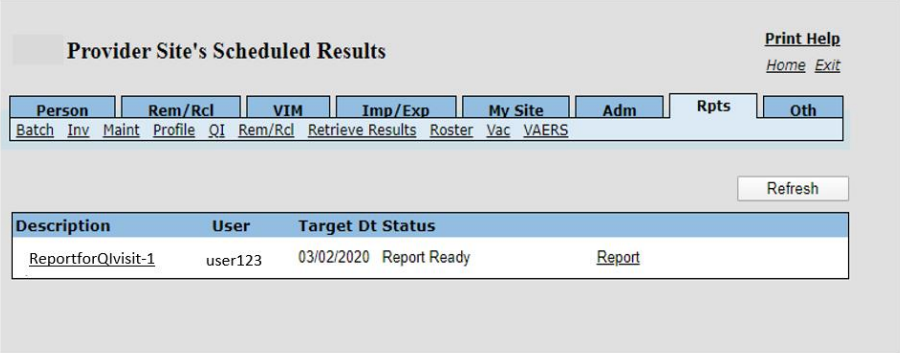
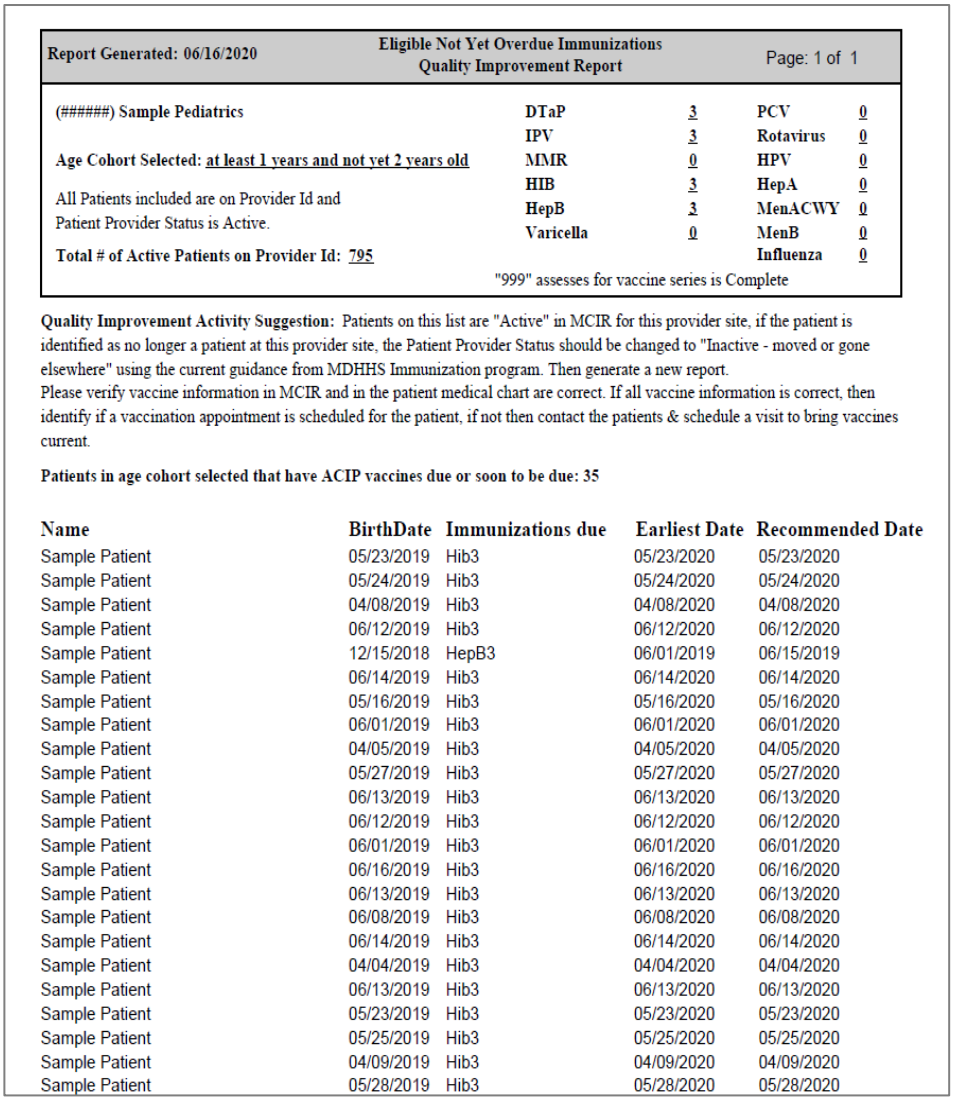


Figure 3

The PDF **Eligible Not Yet Overdue Immunizations Report** will display in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report.

The patient first and last name will appear as it is in the MCIR on all generated reports.



Report Generated: 06/16/2020 — Eligible Not Yet Overdue Immunizations Quality Improvement Report — Page: 1 of 1

(######) Sample Pediatrics

Age Cohort Selected: at least 1 years and not yet 2 years old

All Patients included are on Provider Id and Patient Provider Status is Active.

Total # of Active Patients on Provider Id: 795

DTaP	3	PCV	0
IPV	3	Rotavirus	0
MMR	0	HPV	0
HIB	3	HepA	0
HepB	3	MenACWY	0
Varicella	0	MenB	0
		Influenza	0

"999" assesses for vaccine series is Complete

Quality Improvement Activity Suggestion: Patients on this list are "Active" in MCIR for this provider site, if the patient is identified as no longer a patient at this provider site, the Patient Provider Status should be changed to "Inactive - moved or gone elsewhere" using the current guidance from MDHHS Immunization program. Then generate a new report.
Please verify vaccine information in MCIR and in the patient medical chart are correct. If all vaccine information is correct, then identify if a vaccination appointment is scheduled for the patient, if not then contact the patients & schedule a visit to bring vaccines current.

Patients in age cohort selected that have ACIP vaccines due or soon to be due: 35

Name	BirthDate	Immunizations due	Earliest Date	Recommended Date
Sample Patient	05/23/2019	Hib3	05/23/2020	05/23/2020
Sample Patient	05/24/2019	Hib3	05/24/2020	05/24/2020
Sample Patient	04/08/2019	Hib3	04/08/2020	04/08/2020
Sample Patient	06/12/2019	Hib3	06/12/2020	06/12/2020
Sample Patient	12/15/2018	HepB3	06/01/2019	06/15/2019
Sample Patient	06/14/2019	Hib3	06/14/2020	06/14/2020
Sample Patient	05/16/2019	Hib3	05/16/2020	05/16/2020
Sample Patient	06/01/2019	Hib3	06/01/2020	06/01/2020
Sample Patient	04/05/2019	Hib3	04/05/2020	04/05/2020
Sample Patient	05/27/2019	Hib3	05/27/2020	05/27/2020
Sample Patient	06/13/2019	Hib3	06/13/2020	06/13/2020
Sample Patient	06/12/2019	Hib3	06/12/2020	06/12/2020
Sample Patient	06/01/2019	Hib3	06/01/2020	06/01/2020
Sample Patient	06/16/2019	Hib3	06/16/2020	06/16/2020
Sample Patient	06/13/2019	Hib3	06/13/2020	06/13/2020
Sample Patient	06/08/2019	Hib3	06/08/2020	06/08/2020
Sample Patient	06/14/2019	Hib3	06/14/2020	06/14/2020
Sample Patient	04/04/2019	Hib3	04/04/2020	04/04/2020
Sample Patient	06/13/2019	Hib3	06/13/2020	06/13/2020
Sample Patient	05/23/2019	Hib3	05/23/2020	05/23/2020
Sample Patient	05/25/2019	Hib3	05/25/2020	05/25/2020
Sample Patient	04/09/2019	Hib3	04/09/2020	04/09/2020
Sample Patient	05/28/2019	Hib3	05/28/2020	05/28/2020

Figure 4

Overdue Immunizations Report

How to Generate and Retrieve Report in MCIR

This report generates a list of patient names, their date of birth, and vaccine doses that are overdue. The patients on the report received their last vaccine(s) at your site/practice and met the routine ACIP recommendations for vaccination.

The age cohort and vaccine dose number(s) must be entered by the MCIR user. The data results are assessed by MCIR on the date the report generates.

Generate Overdue Immunizations Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Quality Improvement, (Figure 1).
3. The **Quality Improvement Reporting** screen will display.
4. Select the Overdue Immunizations Report.
5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).
6. Select Manual for Type.
7. Select Months or Years for the Age Unit.
8. Enter the 'people of age at least, but not yet of age cohort you wish to assess.
9. Enter the vaccine dose number(s) by replacing the '0' in applicable fields regarding vaccines to be assessed. Enter '999' only when a complete series result is desired.
10. Select **Submit.**
11. You will be automatically directed to the MCIR Home Screen.

Figure 1

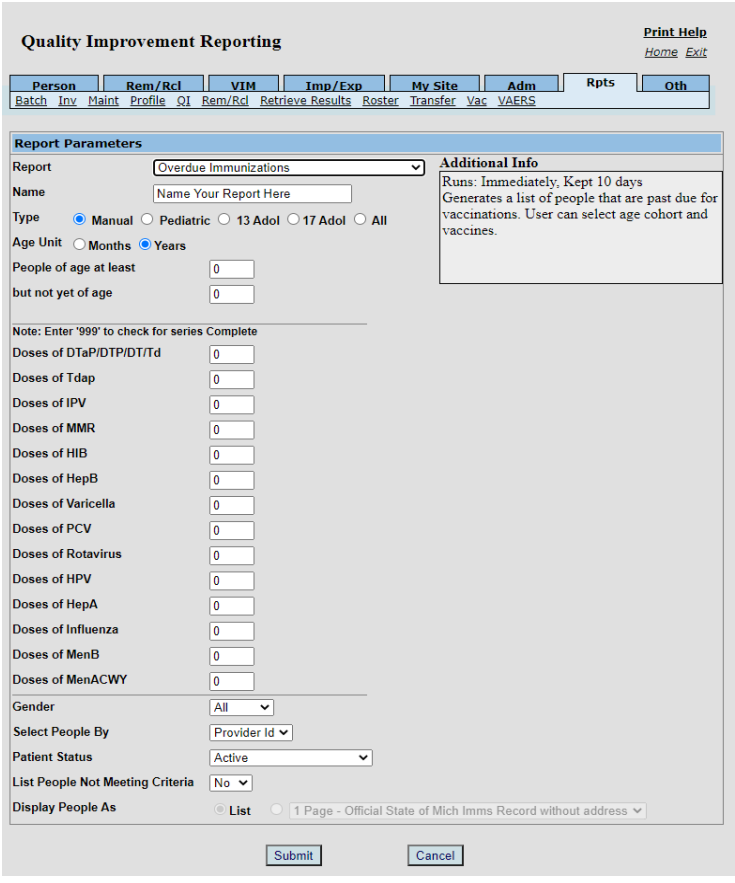


Figure 2

Retrieve Overdue Immunizations Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. The **Provider Site's Scheduled Results** report screen will display with your report, (Figure 3).
4. The report is immediately ready to open when it displays 'Report Ready'.
5. Select Report to open to view, (Figure 3).
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

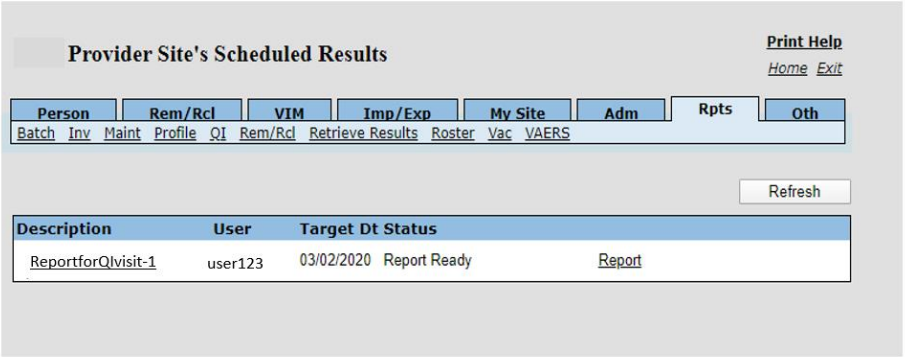
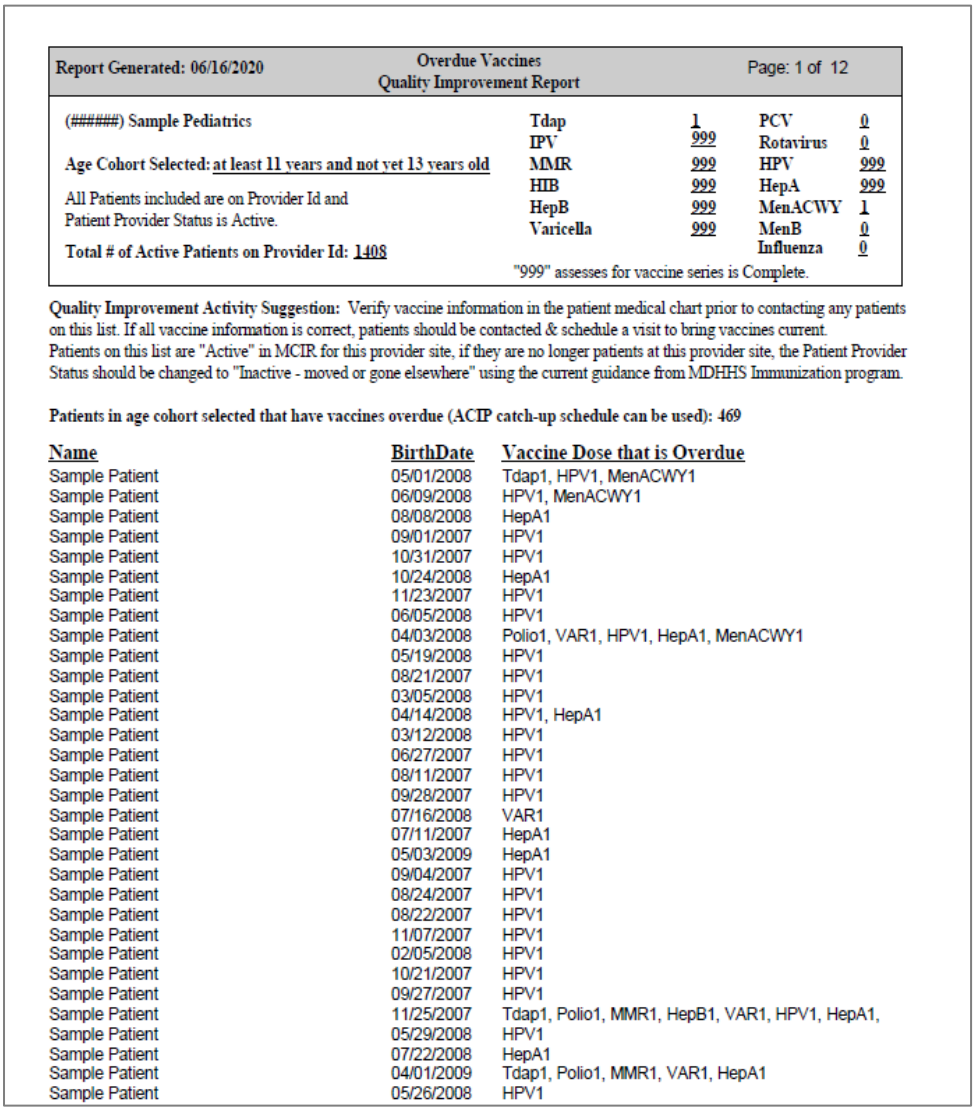


Figure 3

The PDF **Overdue Immunizations Report** will display in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report.

The patient first and last name will appear as it is in the MCIR on all generated reports.



Report Generated: 06/16/2020 — Overdue Vaccines Quality Improvement Report — Page: 1 of 12

(######) Sample Pediatrics

Age Cohort Selected: at least 11 years and not yet 13 years old

All Patients included are on Provider Id and Patient Provider Status is Active.

Total # of Active Patients on Provider Id: 1408

Tdap	1	PCV	0
IPV	999	Rotavirus	0
MMR	999	HPV	999
HIB	999	HepA	999
HepB	999	MenACWY	1
Varicella	999	MenB	0
		Influenza	0

"999" assesses for vaccine series is Complete.

Quality Improvement Activity Suggestion: Verify vaccine information in the patient medical chart prior to contacting any patients on this list. If all vaccine information is correct, patients should be contacted & schedule a visit to bring vaccines current. Patients on this list are "Active" in MCIR for this provider site, if they are no longer patients at this provider site, the Patient Provider Status should be changed to "Inactive - moved or gone elsewhere" using the current guidance from MDHHS Immunization program.

Patients in age cohort selected that have vaccines overdue (ACIP catch-up schedule can be used): 469

Name	BirthDate	Vaccine Dose that is Overdue
Sample Patient	05/01/2008	Tdap1, HPV1, MenACWY1
Sample Patient	06/09/2008	HPV1, MenACWY1
Sample Patient	08/08/2008	HepA1
Sample Patient	09/01/2007	HPV1
Sample Patient	10/31/2007	HPV1
Sample Patient	10/24/2008	HepA1
Sample Patient	11/23/2007	HPV1
Sample Patient	06/05/2008	HPV1
Sample Patient	04/03/2008	Polio1, VAR1, HPV1, HepA1, MenACWY1
Sample Patient	05/19/2008	HPV1
Sample Patient	08/21/2007	HPV1
Sample Patient	03/05/2008	HPV1
Sample Patient	04/14/2008	HPV1, HepA1
Sample Patient	03/12/2008	HPV1
Sample Patient	06/27/2007	HPV1
Sample Patient	08/11/2007	HPV1
Sample Patient	09/28/2007	HPV1
Sample Patient	07/16/2008	VAR1
Sample Patient	07/11/2007	HepA1
Sample Patient	05/03/2009	HepA1
Sample Patient	09/04/2007	HPV1
Sample Patient	08/24/2007	HPV1
Sample Patient	08/22/2007	HPV1
Sample Patient	11/07/2007	HPV1
Sample Patient	02/05/2008	HPV1
Sample Patient	10/21/2007	HPV1
Sample Patient	09/27/2007	HPV1
Sample Patient	11/25/2007	Tdap1, Polio1, MMR1, HepB1, VAR1, HPV1, HepA1,
Sample Patient	05/29/2008	HPV1
Sample Patient	07/22/2008	HepA1
Sample Patient	04/01/2009	Tdap1, Polio1, MMR1, VAR1, HepA1
Sample Patient	05/26/2008	HPV1

Figure 4

No Vaccines Received in Last 12 Months Report

How To: Generate and Retrieve Report in MCIR

This report generates a list of patient names, their date of birth, the most recent vaccine dose date and the current eligible and/or overdue vaccine(s). Patients on this report received their last vaccination dose at your site/practice more than 12 months ago.

The input parameters regarding age cohort and vaccine dose number(s) must be entered by the MCIR user. The data results are assessed by MCIR on the date the report generates.

Generate No Vaccines Received in Last 12 Months Report

Figure 1

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Quality Improvement, (Figure 1).
3. The **Quality Improvement Reporting** screen will display, (Figure 2).
4. Select the No Vaccines Received in last 12 Months.
5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).
6. Select Manual for Type.
7. Select Months or Years for the Age Unit.
8. Enter the 'people of age at least, but not yet of age cohort you wish to assess.
9. Enter the vaccine dose number(s) by replacing the '0' in applicable fields regarding vaccines to be assessed. Enter '999' only when a complete series result is desired.
10. Select **Submit.**
11. You will be automatically directed to the MCIR Home Screen.

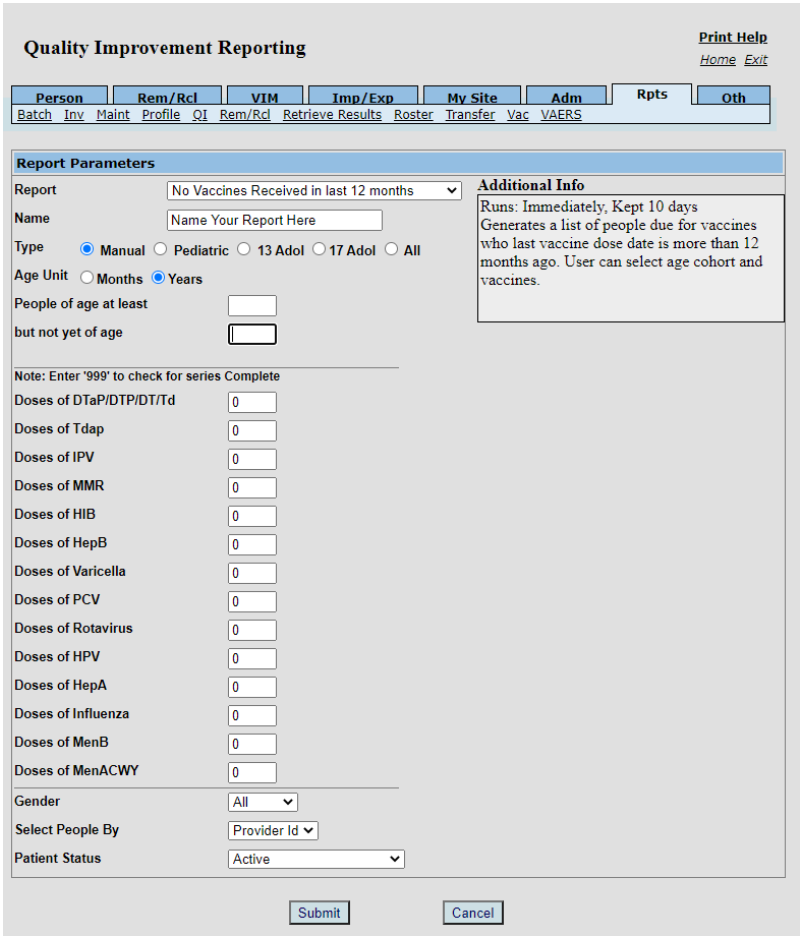


Figure 2

Retrieve No Vaccines Received in Last 12 Months Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. The **Provider Site's Scheduled Results** report screen will display with your report, (Figure 3).
4. The report is immediately ready to open when it displays 'Report Ready'.
5. Select Report to open to view, (Figure 3).
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

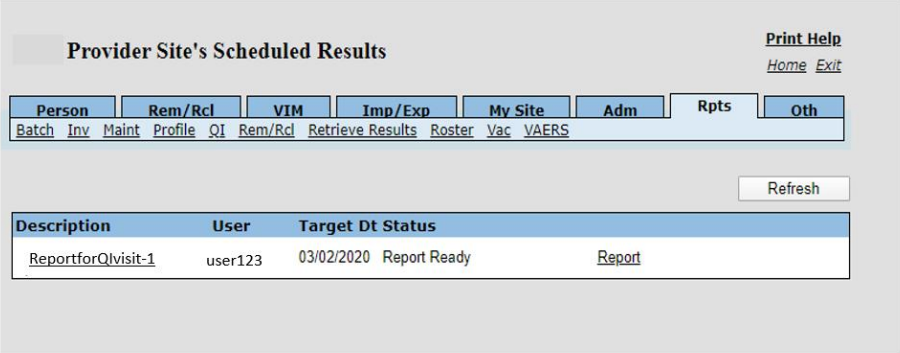
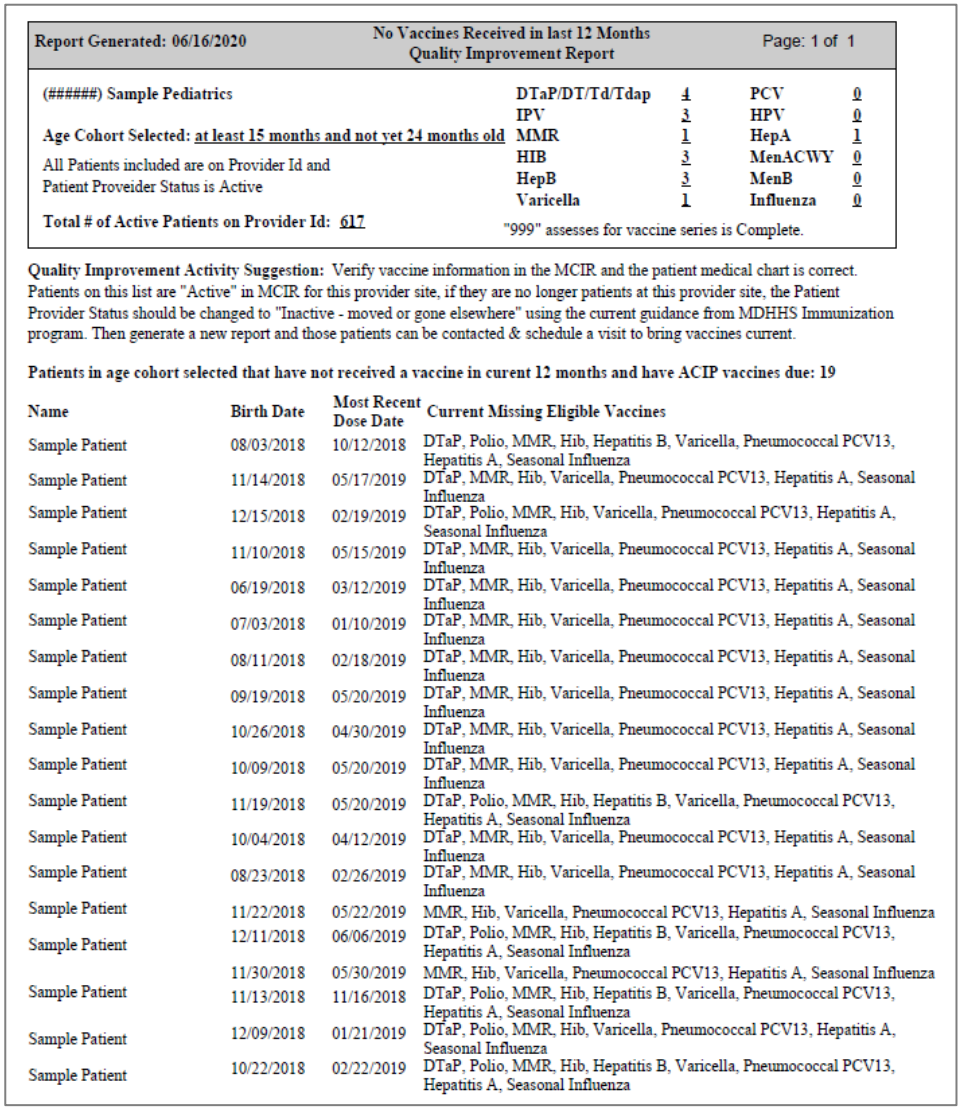


Figure 3

The PDF **No Vaccines Received in the last 12 months Report** will display in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report.

The patient first and last name will appear as it is in the MCIR on all generated reports.



Report Generated: 06/16/2020 — No Vaccines Received in last 12 Months Quality Improvement Report — Page: 1 of 1

(######) Sample Pediatrics

Age Cohort Selected: at least 15 months and not yet 24 months old

All Patients included are on Provider Id and Patient Proveider Status is Active

Total # of Active Patients on Provider Id: 617

DTaP/DT/Td/Tdap	4	PCV	0
IPV	3	HPV	0
MMR	1	HepA	1
HIB	3	MenACWY	0
HepB	3	MenB	0
Varicella	1	Influenza	0

"999" assesses for vaccine series is Complete.

Quality Improvement Activity Suggestion: Verify vaccine information in the MCIR and the patient medical chart is correct. Patients on this list are "Active" in MCIR for this provider site, if they are no longer patients at this provider site, the Patient Provider Status should be changed to "Inactive - moved or gone elsewhere" using the current guidance from MDHHS Immunization program. Then generate a new report and those patients can be contacted & schedule a visit to bring vaccines current.

Patients in age cohort selected that have not received a vaccine in curent 12 months and have ACIP vaccines due: 19

Name	Birth Date	Most Recent Dose Date	Current Missing Eligible Vaccines
Sample Patient	08/03/2018	10/12/2018	DTaP, Polio, MMR, Hib, Hepatitis B, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	11/14/2018	05/17/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	12/15/2018	02/19/2019	DTaP, Polio, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	11/10/2018	05/15/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	06/19/2018	03/12/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	07/03/2018	01/10/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	08/11/2018	02/18/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	09/19/2018	05/20/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	10/26/2018	04/30/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	10/09/2018	05/20/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	11/19/2018	05/20/2019	DTaP, Polio, MMR, Hib, Hepatitis B, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	10/04/2018	04/12/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	08/23/2018	02/26/2019	DTaP, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	11/22/2018	05/22/2019	MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	12/11/2018	06/06/2019	DTaP, Polio, MMR, Hib, Hepatitis B, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	11/30/2018	05/30/2019	MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	11/13/2018	11/16/2018	DTaP, Polio, MMR, Hib, Hepatitis B, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	12/09/2018	01/21/2019	DTaP, Polio, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
Sample Patient	10/22/2018	02/22/2019	DTaP, Polio, MMR, Hib, Hepatitis B, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza

Figure 4

Vaccinations Not Administered at Last Vaccination

How To: Generate and Retrieve Report in MCIR

This report generates a list of patient names, their date of birth, the most recent vaccine date and the vaccine(s) currently due or overdue. The patients on this report received one or more vaccines at their last immunization visit at your site/practice, however the patient did not receive all ACIP recommended vaccines.

The input parameters of age cohort and vaccine dose numbers must be entered by the MCIR user. The data results are assessed by MCIR on the date the report generates.

Generate Vaccinations Not Administered at Last Vaccination Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Quality Improvement, (Figure 1).
3. The **Quality Improvement Reporting** screen will display, (Figure 2).
4. Select the Vaccinations Not Administered at Last Vaccination Report.
5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).
6. Select Manual for Type.
7. Select Months or Years for the Age Unit.
8. Enter the 'people of age at least, but not yet of age cohort you wish to assess.
9. Enter the vaccine dose number(s) by replacing the '0' in applicable fields regarding vaccines to be assessed. Enter '999' only when a complete series result is desired.
10. Select **Submit.**
11. You will be automatically directed to the MCIR Home Screen.

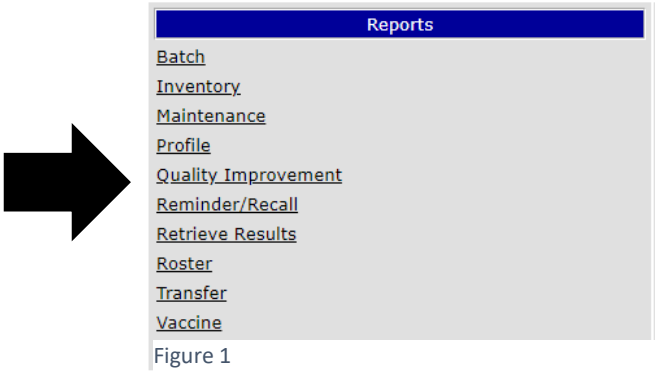


Figure 1

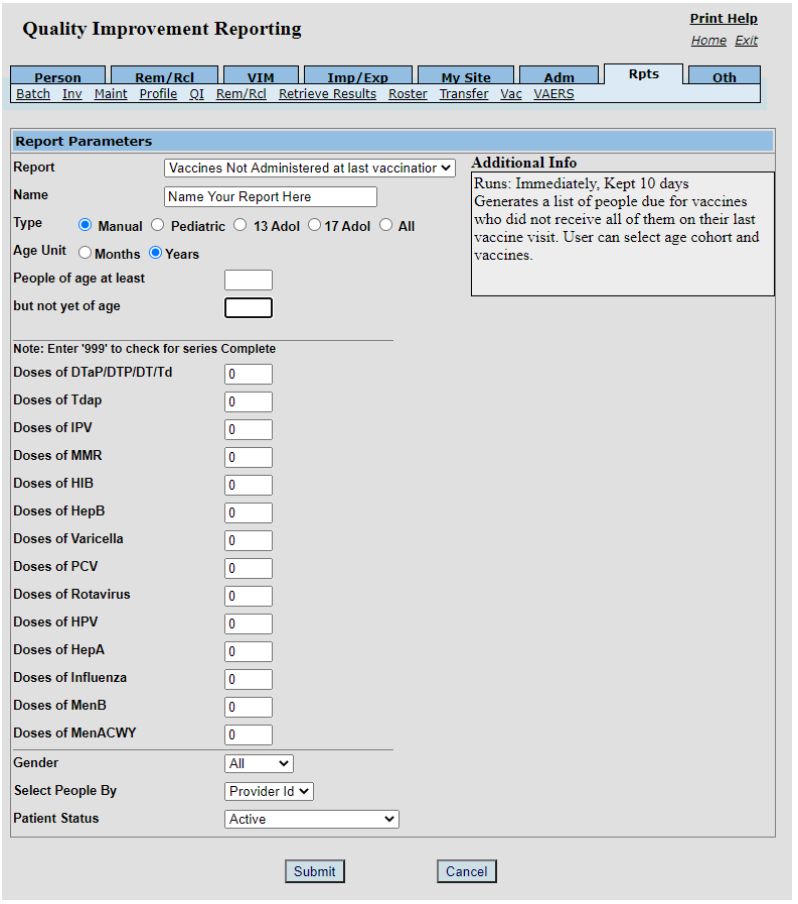


Figure 2

Retrieve Vaccinations Not Administered at Last Vaccination Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. The **Provider Site's Scheduled Results** report screen will display with your report, (Figure 3).
4. The report is immediately ready to open when it displays 'Report Ready'.
5. Select Report to open to view, (Figure 3).
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

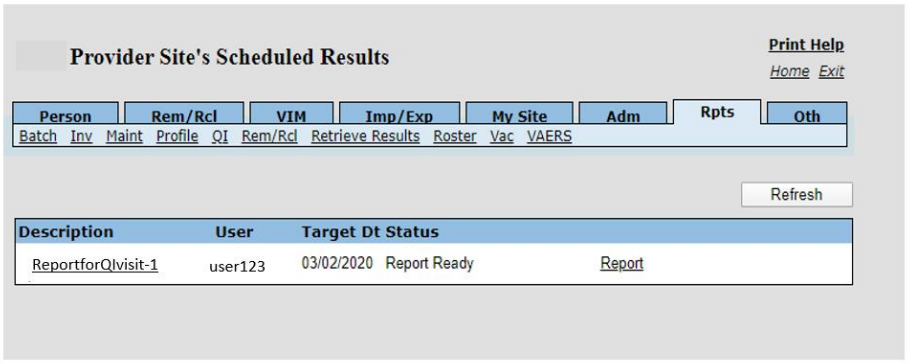
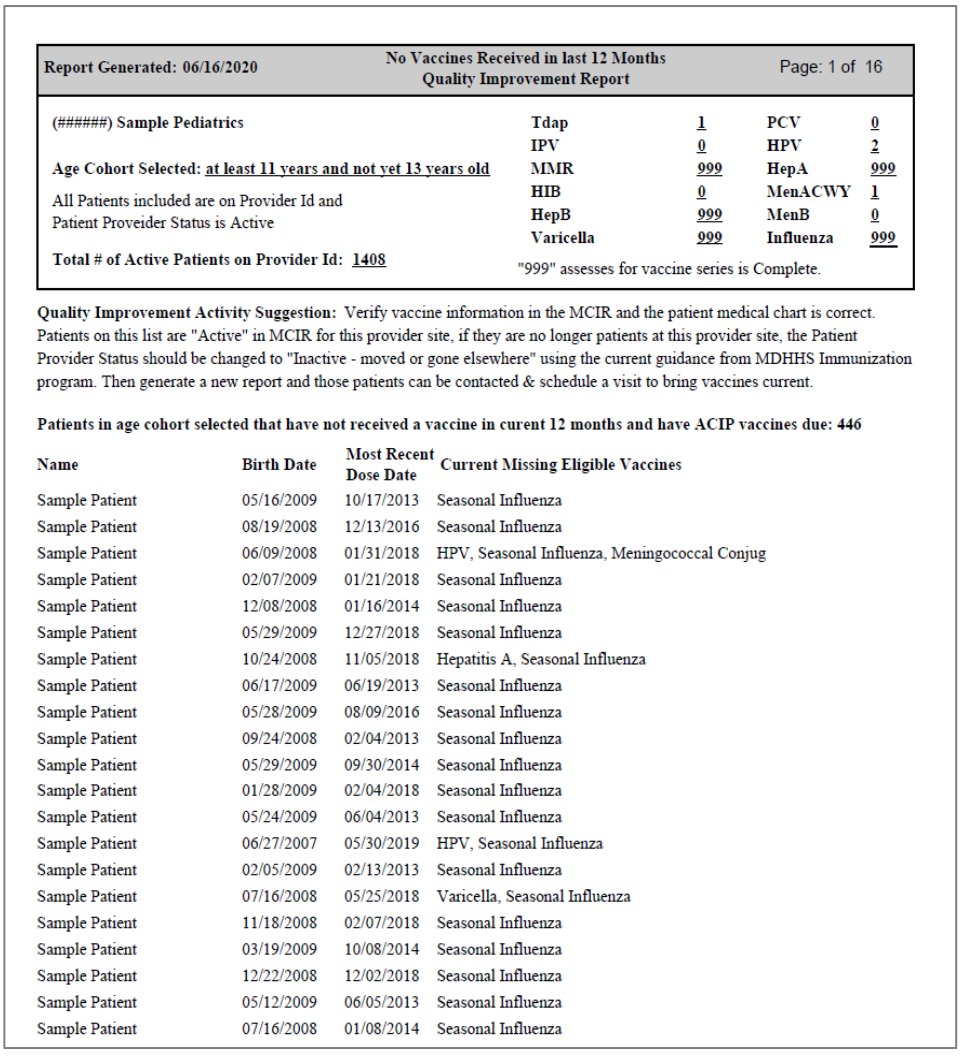


Figure 3

The PDF **Vaccinations Not Administered at Last Vaccination Report** will display in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report.

The patient first and last name will appear as it is in the MCIR on all generated reports.



Report Generated: 06/16/2020 — No Vaccines Received in last 12 Months Quality Improvement Report — Page: 1 of 16

(######) Sample Pediatrics

Age Cohort Selected: at least 11 years and not yet 13 years old

All Patients included are on Provider Id and Patient Proveider Status is Active

Total # of Active Patients on Provider Id: 1408

Tdap	1	PCV	0
IPV	0	HPV	2
MMR	999	HepA	999
HIB	0	MenACWY	1
HepB	999	MenB	0
Varicella	999	Influenza	999

"999" assesses for vaccine series is Complete.

Quality Improvement Activity Suggestion: Verify vaccine information in the MCIR and the patient medical chart is correct. Patients on this list are "Active" in MCIR for this provider site, if they are no longer patients at this provider site, the Patient Provider Status should be changed to "Inactive - moved or gone elsewhere" using the current guidance from MDHHS Immunization program. Then generate a new report and those patients can be contacted & schedule a visit to bring vaccines current.

Patients in age cohort selected that have not received a vaccine in curent 12 months and have ACIP vaccines due: 446

Name	Birth Date	Most Recent Dose Date	Current Missing Eligible Vaccines
Sample Patient	05/16/2009	10/17/2013	Seasonal Influenza
Sample Patient	08/19/2008	12/13/2016	Seasonal Influenza
Sample Patient	06/09/2008	01/31/2018	HPV, Seasonal Influenza, Meningococcal Conjug
Sample Patient	02/07/2009	01/21/2018	Seasonal Influenza
Sample Patient	12/08/2008	01/16/2014	Seasonal Influenza
Sample Patient	05/29/2009	12/27/2018	Seasonal Influenza
Sample Patient	10/24/2008	11/05/2018	Hepatitis A, Seasonal Influenza
Sample Patient	06/17/2009	06/19/2013	Seasonal Influenza
Sample Patient	05/28/2009	08/09/2016	Seasonal Influenza
Sample Patient	09/24/2008	02/04/2013	Seasonal Influenza
Sample Patient	05/29/2009	09/30/2014	Seasonal Influenza
Sample Patient	01/28/2009	02/04/2018	Seasonal Influenza
Sample Patient	05/24/2009	06/04/2013	Seasonal Influenza
Sample Patient	06/27/2007	05/30/2019	HPV, Seasonal Influenza
Sample Patient	02/05/2009	02/13/2013	Seasonal Influenza
Sample Patient	07/16/2008	05/25/2018	Varicella, Seasonal Influenza
Sample Patient	11/18/2008	02/07/2018	Seasonal Influenza
Sample Patient	03/19/2009	10/08/2014	Seasonal Influenza
Sample Patient	12/22/2008	12/02/2018	Seasonal Influenza
Sample Patient	05/12/2009	06/05/2013	Seasonal Influenza
Sample Patient	07/16/2008	01/08/2014	Seasonal Influenza

Figure 4

Invalid Doses Report

How To: Generate and Retrieve Report in MCIR

This report generates a list of patient names, their date of birth, a vaccine antigen, the date that vaccine was previously administered, the reason the dose is considered invalid, and the current vaccine series status. Patients on this report received their last vaccine at your site/practice.

The patient must receive another dose of vaccine to become up-to-date and/or complete regarding that particular vaccine series even though another site/practice may have administered the invalid dose.

The input parameters of age cohort and vaccine dose number must be entered by the MCIR user. The data results are assessed by MCIR on the date the report generates.

Generate Invalid Doses Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Quality Improvement, (Figure 1).
3. The **Quality Improvement Reporting** screen will display, (Figure 2).
4. Select the Invalid Doses Report.
5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).
6. Select Manual for Type.
7. Select Months or Years for the Age Unit.
8. Enter the 'people of age at least, but not yet of age cohort you wish to assess.
9. Enter the vaccine dose number(s) by replacing the '0' in applicable fields regarding vaccines to be assessed. Enter '999' only when a complete series result is desired.
10. Select **Submit.**
11. You will be automatically directed to the MCIR Home Screen.

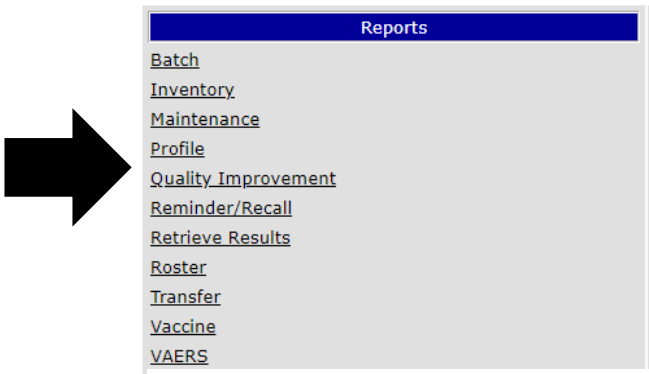


Figure 1

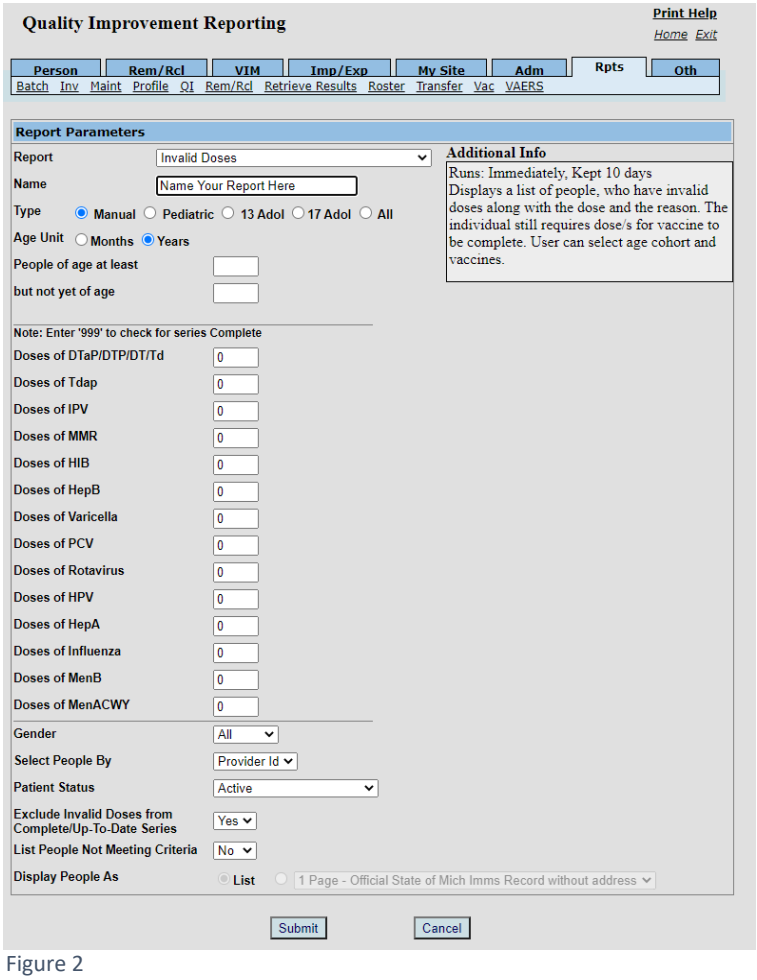


Figure 2

Retrieve Invalid Doses Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. The **Provider Site's Scheduled Results** report screen will display with your report, (Figure 3).
4. The report is immediately ready to open when it displays 'Report Ready'.
5. Select Report to open to view, (Figure 3).
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

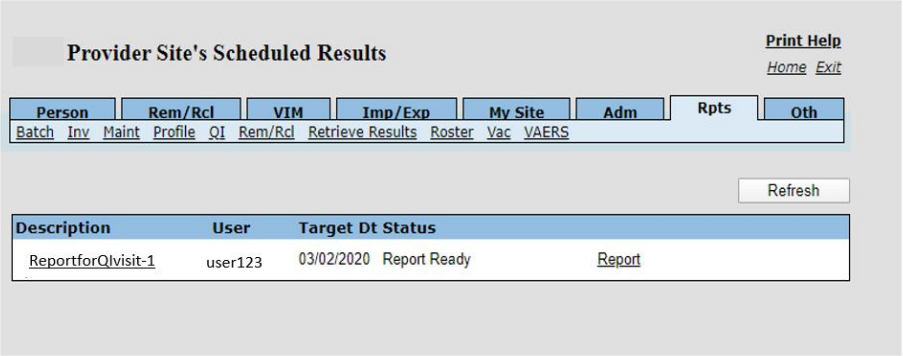
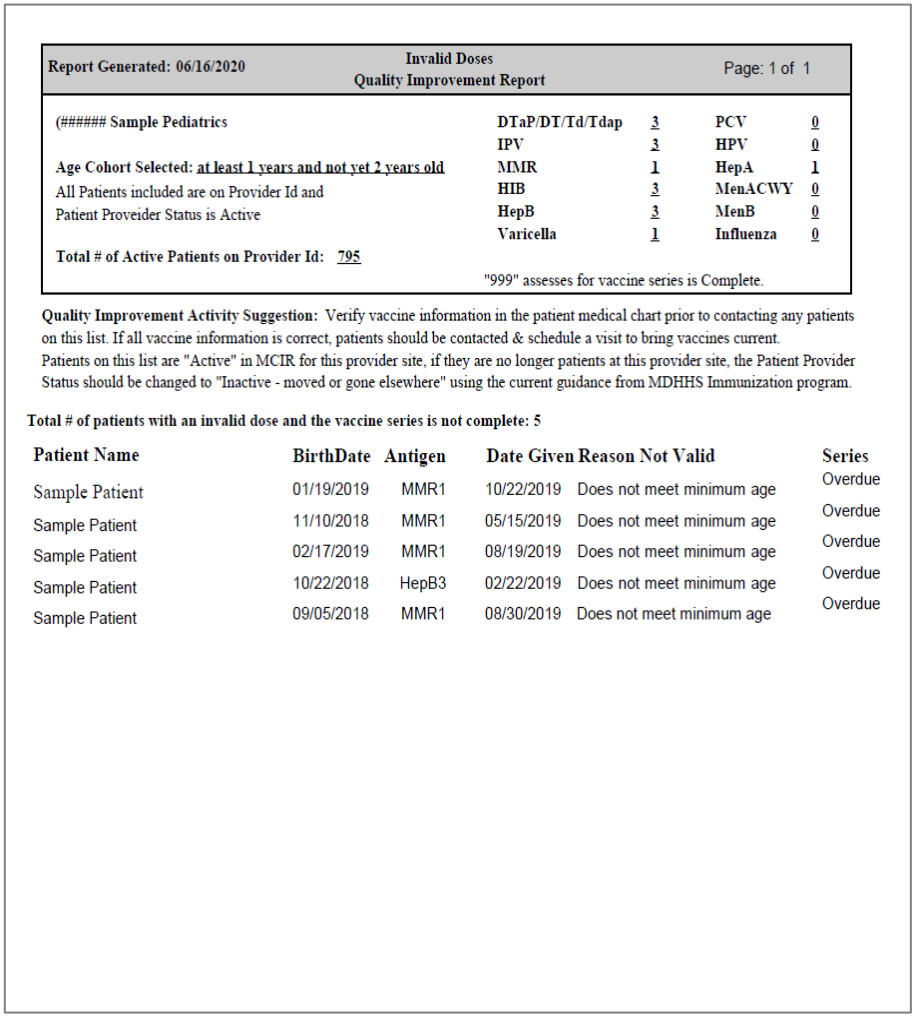


Figure 3

The PDF **Invalid Doses Report** will display in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report.

The patient first and last name will appear as it is in the MCIR on all generated reports.



Report Generated: 06/16/2020 — Invalid Doses Quality Improvement Report — Page: 1 of 1

(###### Sample Pediatrics

Age Cohort Selected: at least 1 years and not yet 2 years old
All Patients included are on Provider Id and
Patient Proveider Status is Active

Total # of Active Patients on Provider Id: 795

DTaP/DT/Td/Tdap	3	PCV	0
IPV	3	HPV	0
MMR	1	HepA	1
HIB	3	MenACWY	0
HepB	3	MenB	0
Varicella	1	Influenza	0

"999" assesses for vaccine series is Complete.

Quality Improvement Activity Suggestion: Verify vaccine information in the patient medical chart prior to contacting any patients on this list. If all vaccine information is correct, patients should be contacted & schedule a visit to bring vaccines current. Patients on this list are "Active" in MCIR for this provider site, if they are no longer patients at this provider site, the Patient Provider Status should be changed to "Inactive - moved or gone elsewhere" using the current guidance from MDHHS Immunization program.

Total # of patients with an invalid dose and the vaccine series is not complete: 5

Patient Name	BirthDate	Antigen	Date Given	Reason Not Valid	Series
Sample Patient	01/19/2019	MMR1	10/22/2019	Does not meet minimum age	Overdue
Sample Patient	11/10/2018	MMR1	05/15/2019	Does not meet minimum age	Overdue
Sample Patient	02/17/2019	MMR1	08/19/2019	Does not meet minimum age	Overdue
Sample Patient	10/22/2018	HepB3	02/22/2019	Does not meet minimum age	Overdue
Sample Patient	09/05/2018	MMR1	08/30/2019	Does not meet minimum age	Overdue

Figure 4

Diagnostic Report

How To: Generate and Retrieve Report in MCIR

This report generates coverage levels and diagnostic information for patients 2 years of age and not yet 3 years of age last vaccinated at your site/practice. Results **do not** include identifying personal patient information. The report input parameters are determined by the MCIR system. The data results are assessed by MCIR on the date the report generates.

Generate Diagnostic Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Quality Improvement, (Figure 1).
3. The **Quality Improvement Reporting** screen will display, (Figure 2).
4. Select the Diagnostic Report.
5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).
6. Report parameters displaying **Type, Age Unit,** and **Doses** default to the pediatric cohort 2 not yet 3 years of age.
7. Select **Submit**.
8. You will be automatically directed to the MCIR Home Screen.

Figure 1

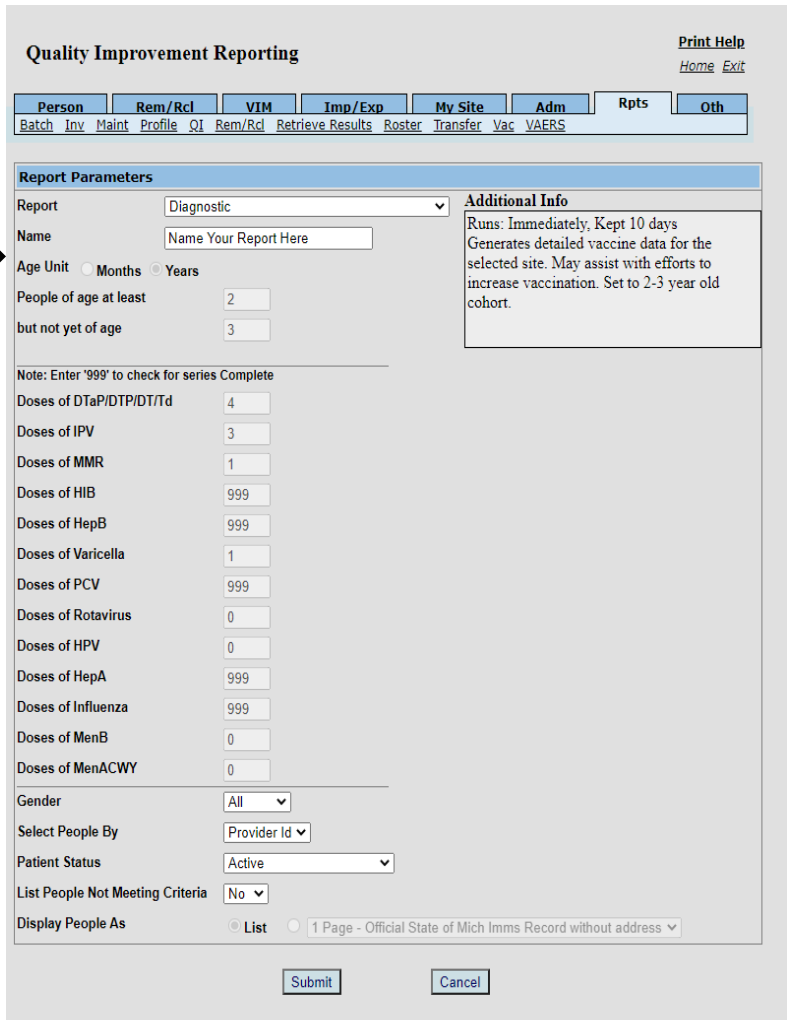


Figure 2

Retrieve Diagnostic Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. The **Provider Site's Scheduled Results** report screen will display with your report, (Figure 3).
4. The report is immediately ready to open when it displays 'Report Ready'.
5. Select Report to open to view, (Figure 3).
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

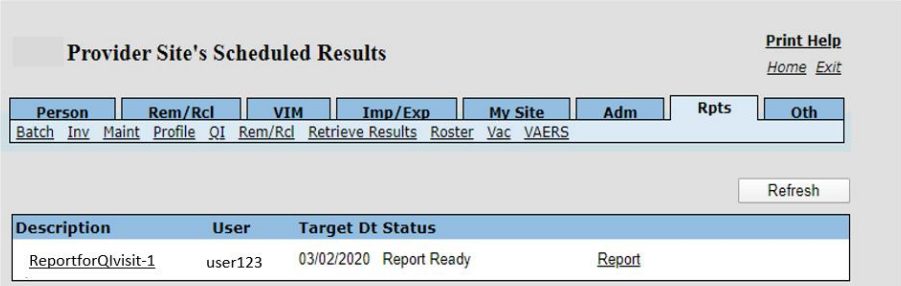
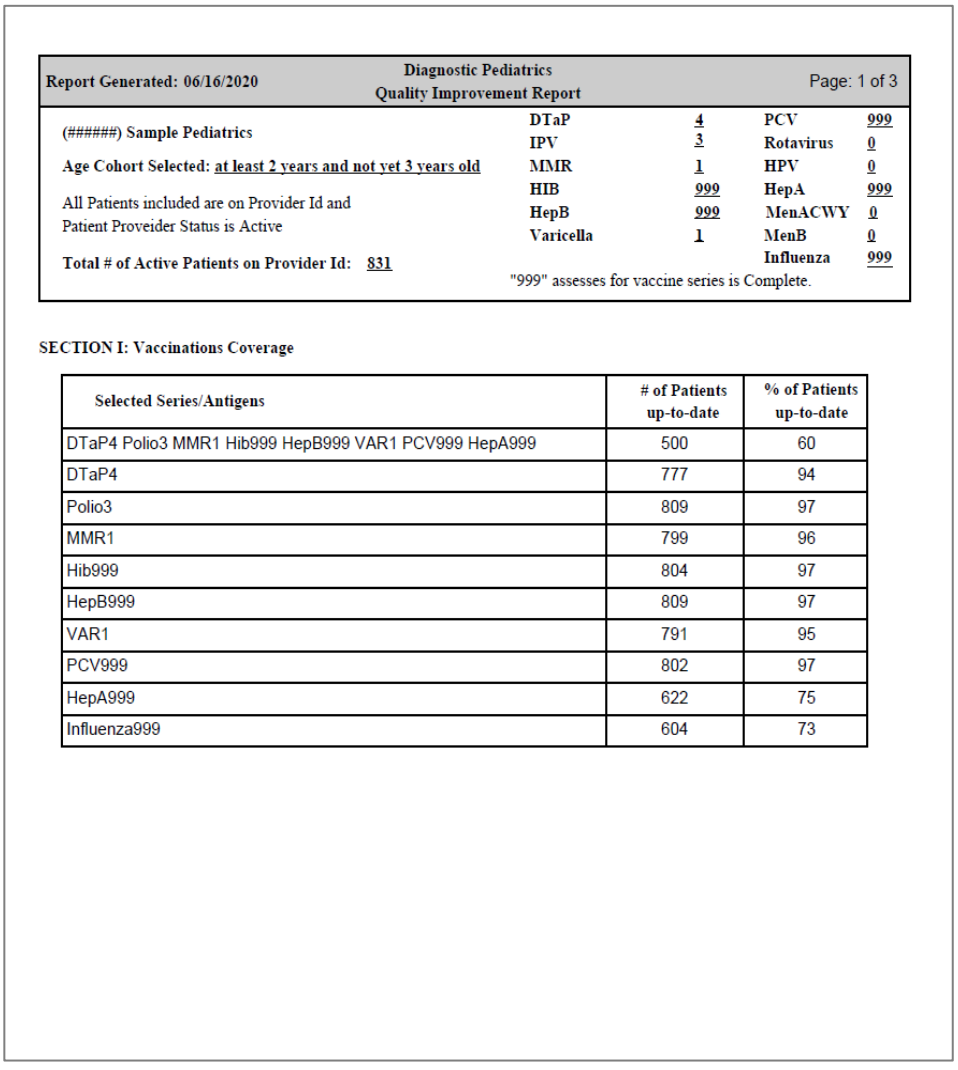


Figure 3

The PDF **Diagnostic Report** will display in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report.



Report Generated: 06/16/2020 — Diagnostic Pediatrics Quality Improvement Report — Page: 1 of 3

(######) Sample Pediatrics

Age Cohort Selected: at least 2 years and not yet 3 years old

All Patients included are on Provider Id and Patient Proveider Status is Active

Total # of Active Patients on Provider Id: 831

DTaP	4	PCV	999
IPV	3	Rotavirus	0
MMR	1	HPV	0
HIB	999	HepA	999
HepB	999	MenACWY	0
Varicella	1	MenB	0
		Influenza	999

"999" assesses for vaccine series is Complete.

SECTION I: Vaccinations Coverage

Selected Series/Antigens	# of Patients up-to-date	% of Patients up-to-date
DTaP4 Polio3 MMR1 Hib999 HepB999 VAR1 PCV999 HepA999	500	60
DTaP4	777	94
Polio3	809	97
MMR1	799	96
Hib999	804	97
HepB999	809	97
VAR1	791	95
PCV999	802	97
HepA999	622	75
Influenza999	604	73

Summary Report

How To: Generate and Retrieve Report in MCIR

This report generates lists and charts of patients last vaccinated at your site/practice. The report assesses patients at least 2 years of age and not yet 3 years of age. The report results **do not** include any identifying personal patient information. The data results are assessed by MCIR on the date the report generates.

Generate Summary Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Quality Improvement, (Figure 1).
3. The **Quality Improvement Reporting** screen will display, (Figure 2).
4. Select the Summary Report.
5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).
6. The report parameters displaying **Type, Age Unit,** and **Doses** default to the pediatric cohort 2 not yet 3 years of age.
7. Select **Submit.**
8. You will be automatically directed to the MCIR Home Screen.

Figure 1

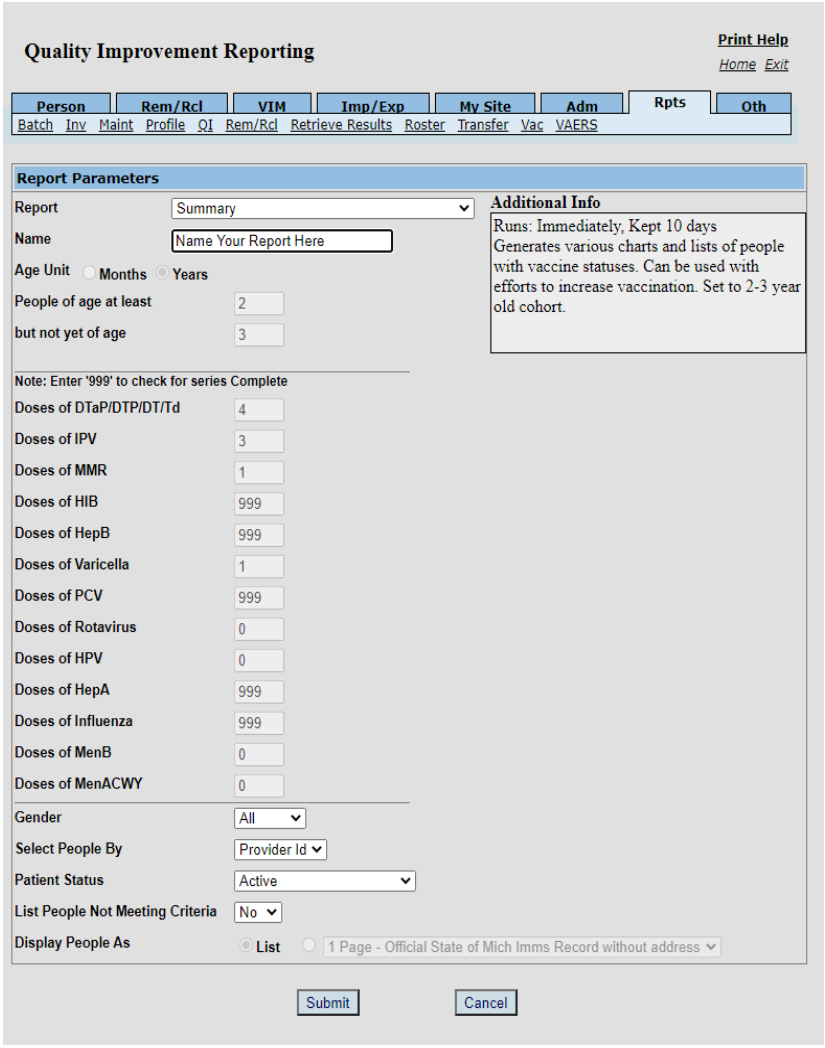


Figure 2

Retrieve Summary Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. The **Provider Site's Scheduled Results** report screen will display with your report, (Figure 3).
4. The report is immediately ready to open when it displays 'Report Ready'.
5. Select Report to open to view, (Figure 3).
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

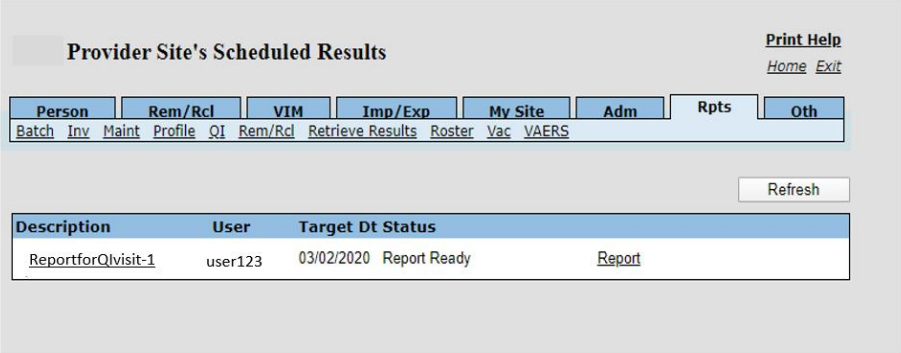


Figure 3

The PDF **Summary Report** in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report.

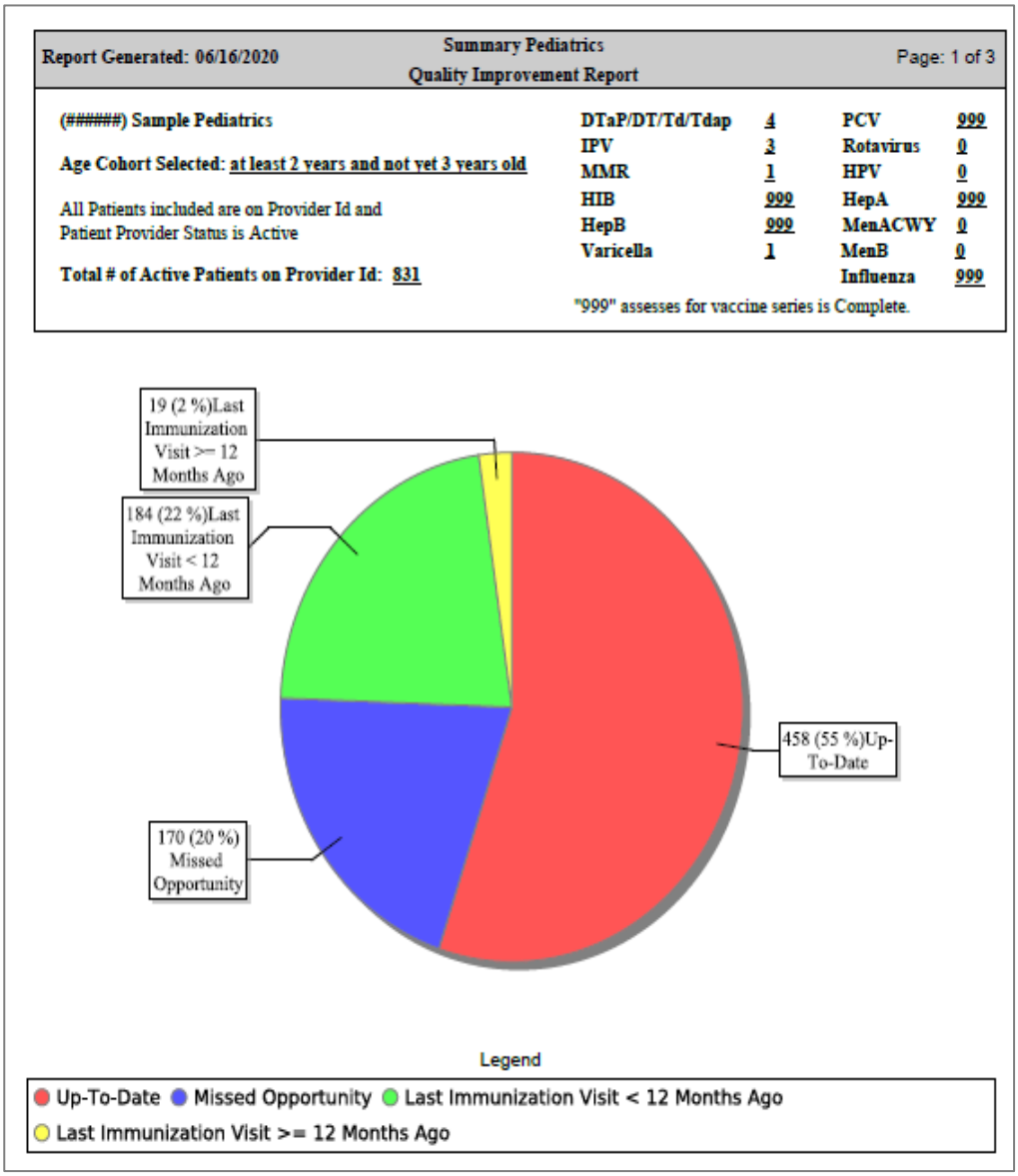


Figure 4

Up-to-Date in One Visit Report

How To: Generate and Retrieve Report in MCIR

This report generates a list of patient names, their date of birth, the most recent vaccine date and the vaccine(s) currently due or overdue. The patients on this report can become up-to-date and/or current if vaccinated in one visit including all the vaccines listed. This report assesses patients at least 2 years of age and not yet 3 years of age regarding their last vaccine administered at your site/practice. The report input parameters are determined by the MCIR system. The data results are assessed by MCIR on the date the report generates.

Generate Up-to-Date in One Visit Report

1. Start at the MCIR Home Screen.

2. In the **Reports** section box select Quality Improvement, (Figure 1).

Figure 1

3. The **Quality Improvement Reporting** screen will display.

4. Select the Up-to-Date in One Visit Report.

5. The Quality Improvement Reporting screen allows the option to name your report in the **Name** field, (Figure 2).

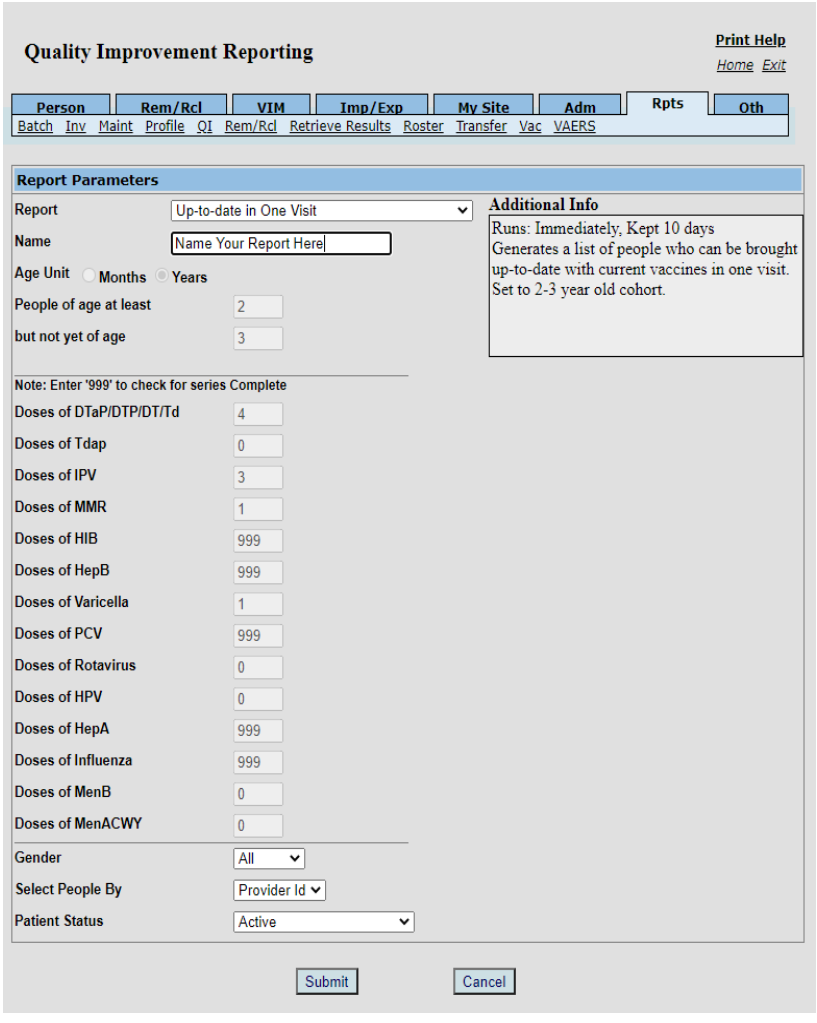


Figure 2

6. The report parameters displaying **Type, Age Unit,** and **Doses** default to the pediatric cohort 2 not yet 3 years of age.

7. Select **Submit**.

8. You will be automatically directed to the MCIR Home Screen.

Retrieve Up-to-Date in One Visit Report

1. Start at the MCIR Home Screen.
2. In the **Reports** section box select Retrieve Results.
3. The **Provider Site's Scheduled Results** report screen will display with your report, (Figure 3).
4. The report is immediately ready to open when it displays 'Report Ready'.
5. Select Report to open to view, (Figure 3).
6. All reports will display as 'Report has been retrieved' if a MCIR user has opened and viewed the report.

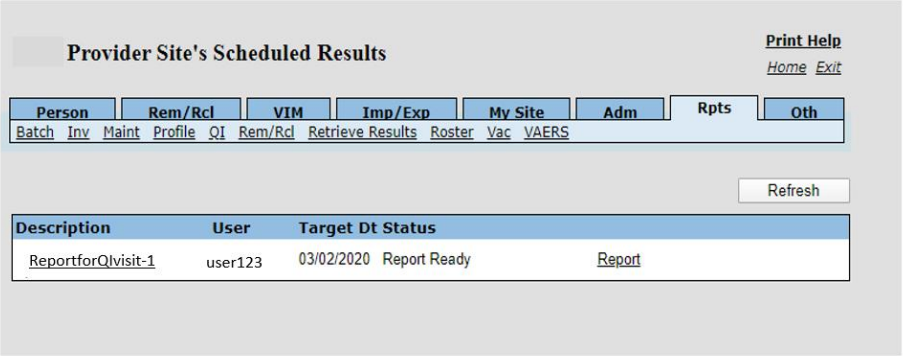
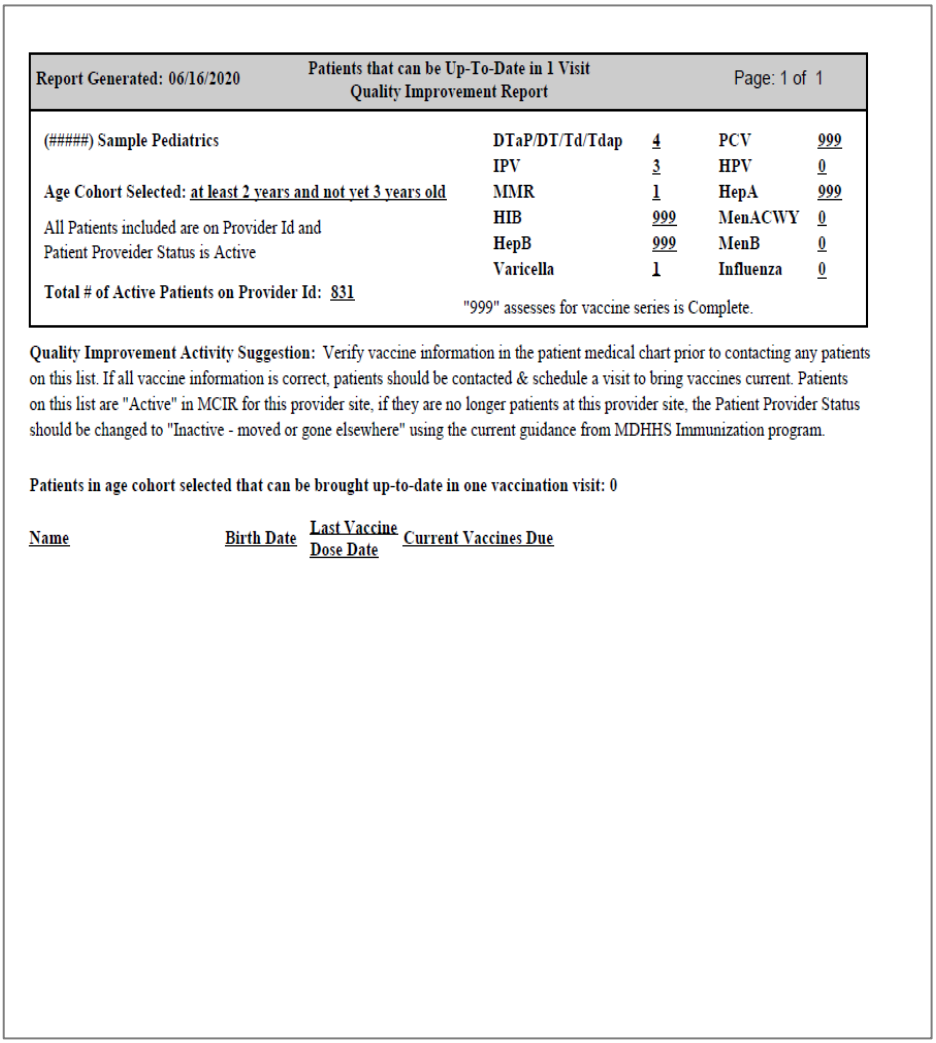


Figure 3

The PDF **Up-to-Date in One Visit Report** in a PDF pop up window on your screen, (Figure 4).

View the report in the PDF window or download the report.

The patient first and last name will appear as it is in the MCIR on all generated reports.



Report Generated: 06/16/2020 — Patients that can be Up-To-Date in 1 Visit Quality Improvement Report — Page: 1 of 1

(#####) Sample Pediatrics

Age Cohort Selected: at least 2 years and not yet 3 years old

All Patients included are on Provider Id and Patient Proveider Status is Active

Total # of Active Patients on Provider Id: 831

DTaP/DT/Td/Tdap	4	PCV	999
IPV	3	HPV	0
MMR	1	HepA	999
HIB	999	MenACWY	0
HepB	999	MenB	0
Varicella	1	Influenza	0

"999" assesses for vaccine series is Complete.

Quality Improvement Activity Suggestion: Verify vaccine information in the patient medical chart prior to contacting any patients on this list. If all vaccine information is correct, patients should be contacted & schedule a visit to bring vaccines current. Patients on this list are "Active" in MCIR for this provider site, if they are no longer patients at this provider site, the Patient Provider Status should be changed to "Inactive - moved or gone elsewhere" using the current guidance from MDHHS Immunization program.

Patients in age cohort selected that can be brought up-to-date in one vaccination visit: 0

Name	Birth Date	Last Vaccine Dose Date	Current Vaccines Due

Figure 4