QUALITY IMPROVEMENT REPORTS

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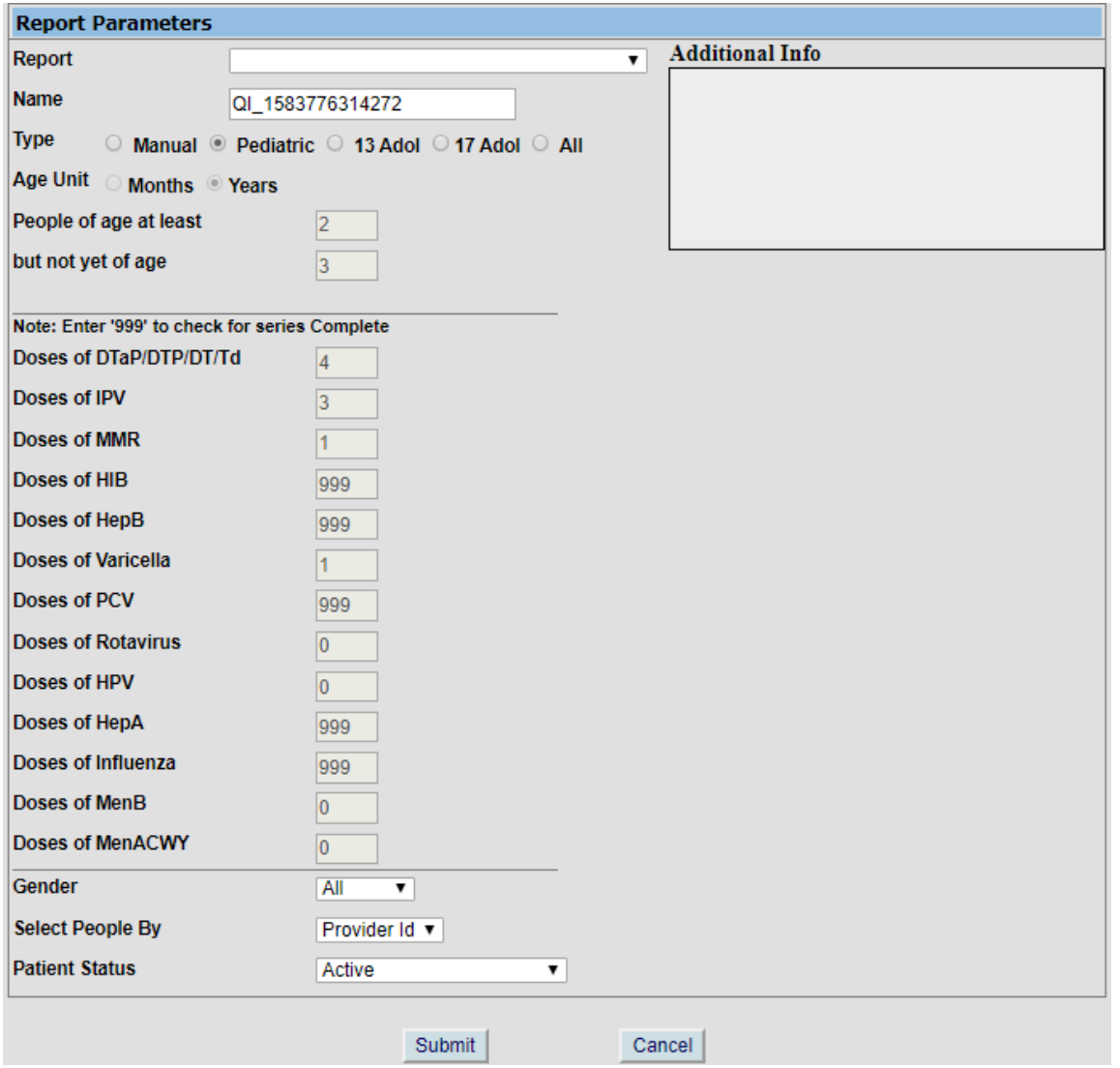
QI REPORTS-GENERAL INFORMATION

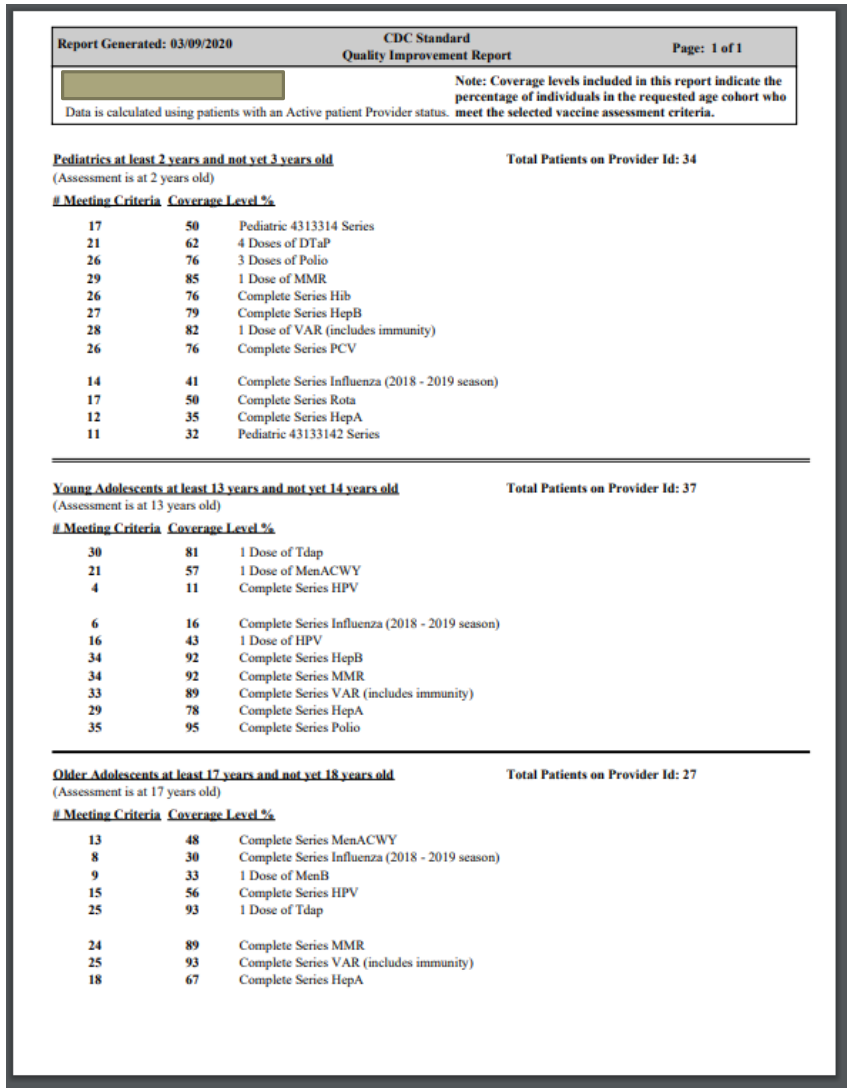
- Currently there are 10 reports available at the practice/clinic level
- Patients included in the QI reports are those with a patient provider status of "active" and the most current administered vaccine documented in MCIR is connected to the provider (exception of flu)
- QI reports are programmed according to the CDC Immunization Quality Improvement for Provider (IQIP) program standards
- IQIP goal is to assist with efforts to increase timely administration of vaccine to patients

PARAMETER INPUT



CDC STANDARD QUALITY IMPROVEMENT REPORT

- Coverage Levels include patients that are UTD at the assessment birthday
- Assessment cohorts are:
  - 24-36 months-assessed at 2nd birthday
  - 13-14 years old-assessed at 13th birthday
  - 17-18 years old-assessed at 17th birthday
- Input is pre-determined; no changes can be made by the user
- This report is required use at Immunization Quality Improvement (QI) visits



Report Generated: 03/09/2020 — **CDC Standard Quality Improvement Report** — **Page: 1 of 1**

[redacted]

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: 34**

(Assessment is at 2 years old)

# Meeting Criteria	Coverage Level %	
17	50	Pediatric 4313314 Series
21	62	4 Doses of DTaP
26	76	3 Doses of Polio
29	85	1 Dose of MMR
26	76	Complete Series Hib
27	79	Complete Series HepB
28	82	1 Dose of VAR (includes immunity)
26	76	Complete Series PCV
14	41	Complete Series Influenza (2018 - 2019 season)
17	50	Complete Series Rota
12	35	Complete Series HepA
11	32	Pediatric 43133142 Series

Young Adolescents at least 13 years and not yet 14 years old — **Total Patients on Provider Id: 37**

(Assessment is at 13 years old)

# Meeting Criteria	Coverage Level %	
30	81	1 Dose of Tdap
21	57	1 Dose of MenACWY
4	11	Complete Series HPV
6	16	Complete Series Influenza (2018 - 2019 season)
16	43	1 Dose of HPV
34	92	Complete Series HepB
34	92	Complete Series MMR
33	89	Complete Series VAR (includes immunity)
29	78	Complete Series HepA
35	95	Complete Series Polio

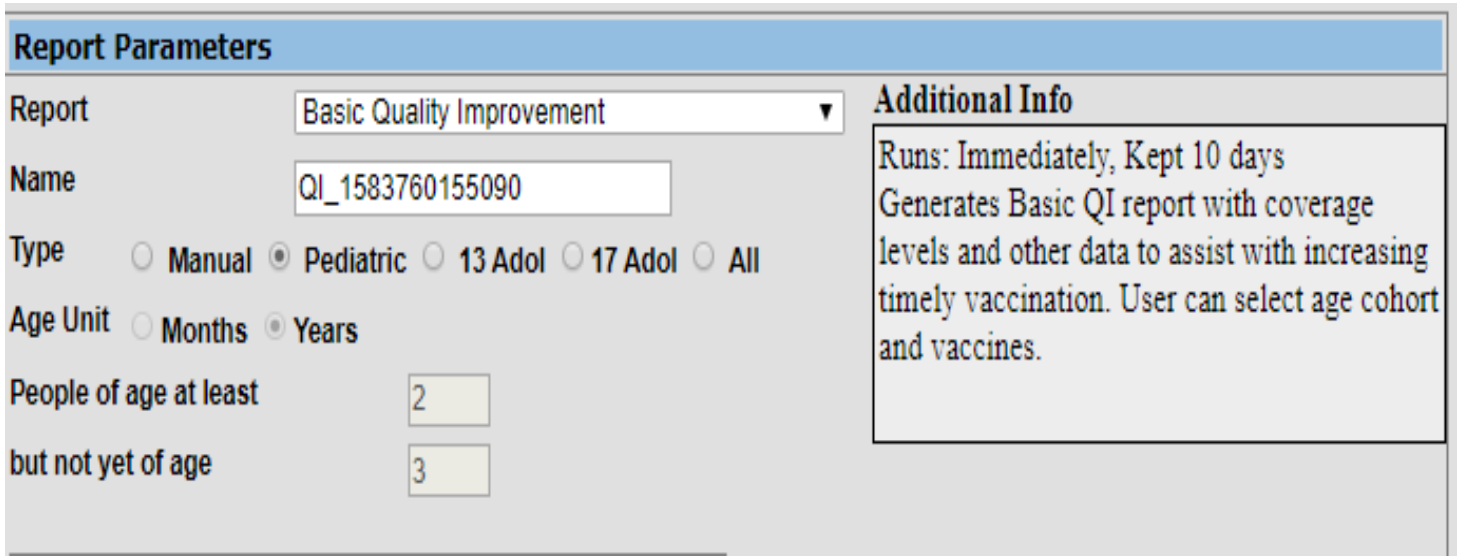
Older Adolescents at least 17 years and not yet 18 years old — **Total Patients on Provider Id: 27**

(Assessment is at 17 years old)

# Meeting Criteria	Coverage Level %	
13	48	Complete Series MenACWY
8	30	Complete Series Influenza (2018 - 2019 season)
9	33	1 Dose of MenB
15	56	Complete Series HPV
25	93	1 Dose of Tdap
24	89	Complete Series MMR
25	93	Complete Series VAR (includes immunity)
18	67	Complete Series HepA

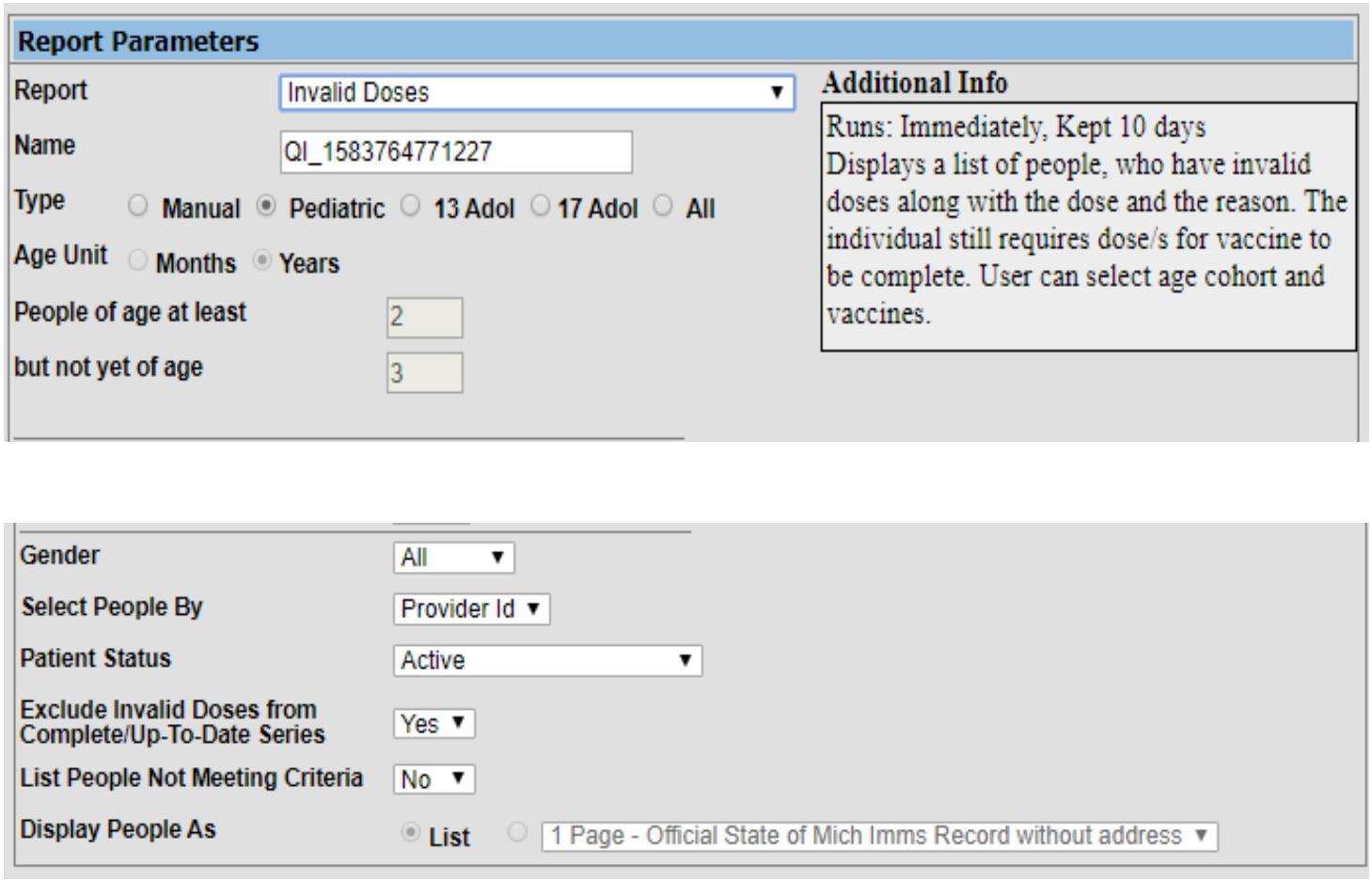
BASIC QUALITY IMPROVEMENT

- Input parameters determined by user
- Report generates coverage levels that include patients that are up-to-date within the age cohort selected
- Data results are assessed on the date the report generates



INVALID DOSES

- Input parameters determined by the user
- Report generates a list of people having an invalid dose with a vaccine series and must receive another dose of vaccine to become up-to-date in that vaccine series
- Report includes the vaccine dose identified as invalid and the reason it is invalid

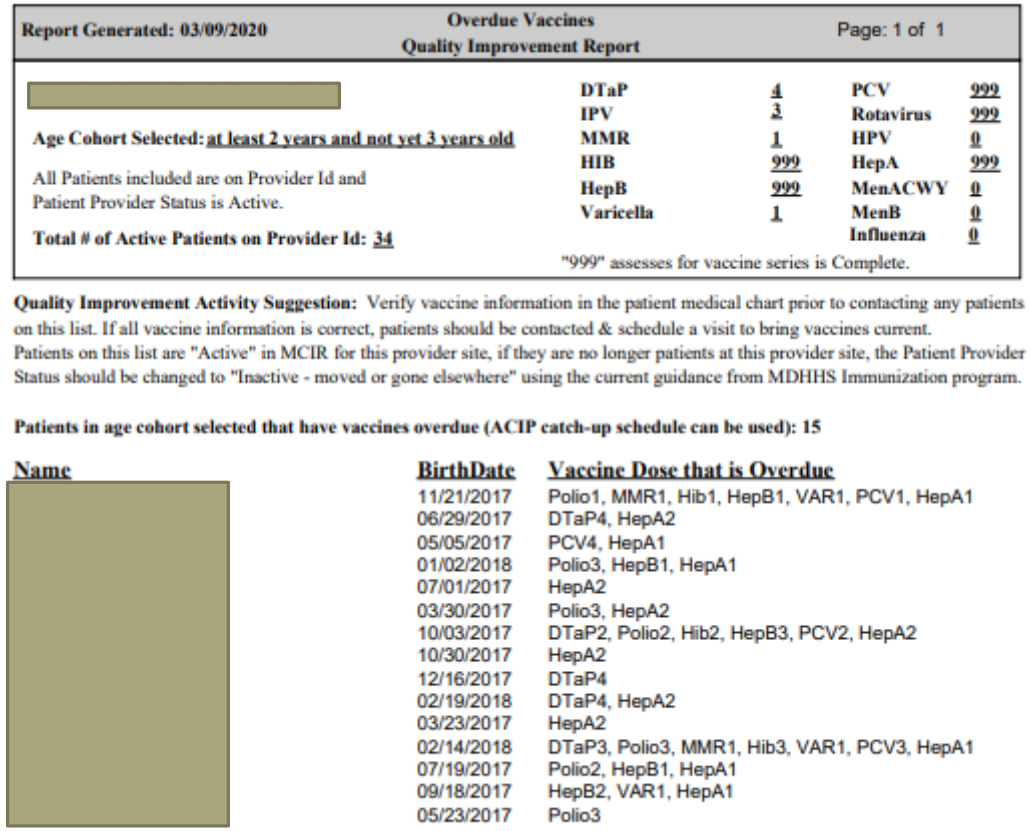


DIAGNOSTIC-PEDIATRIC

- Input parameters predetermined in MCIR.
- Report generates coverage levels that include only pediatric patients 2 years of age and not yet 3 years of age.
- <u>Report results and analysis include:</u>
  - Coverage levels for single vaccinations and vaccination series
  - Comparison of starting vaccinations on time vs starting vaccinations late
  - Drop off information for DtaP and HepB
  - Reducing missed opportunities for simultaneous administration and support to achieve up-to-date vaccination status for patients before 3 years of age
  - Aiding in use of an accelerated (catch up) immunization schedule to achieve up-to-date immunization status by standard assessment at 2 years of age

OVERDUE IMMUNIZATIONS

- Input parameters determined by user.
- Report generates list of patients and vaccines that have met the minimum intervals and ages for the next vaccines according to the age cohort and vaccination doses entered by the user.
- Data results assessed on the date the report generates.



Report Generated: 03/09/2020 — **Overdue Vaccines Quality Improvement Report** — Page: 1 of 1

[redacted]

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

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

Total # of Active Patients on Provider Id: 34

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

"999" assesses for vaccine series is Complete.

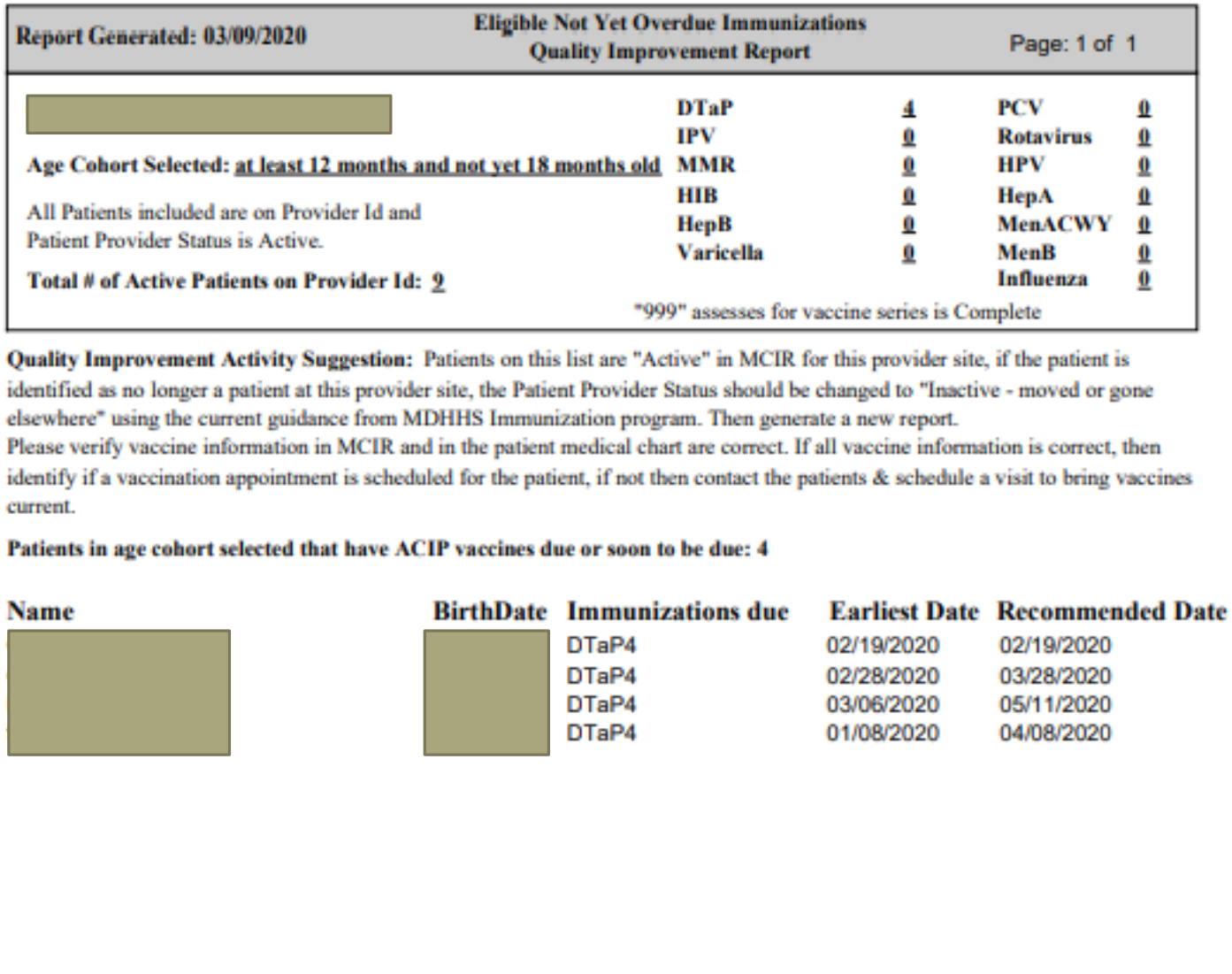
Quality Improvement Activity Suggestion: Verify vaccine information in the patient medical chart prior to contacting any patients on this list. If all vaccine information is correct, patients should be contacted & schedule a visit to bring vaccines current. Patients on this list are "Active" in MCIR 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): 15

Name	BirthDate	Vaccine Dose that is Overdue
[redacted]	11/21/2017	Polio1, MMR1, Hib1, HepB1, VAR1, PCV1, HepA1
	06/29/2017	DTaP4, HepA2
	05/05/2017	PCV4, HepA1
	01/02/2018	Polio3, HepB1, HepA1
	07/01/2017	HepA2
	03/30/2017	Polio3, HepA2
	10/03/2017	DTaP2, Polio2, Hib2, HepB3, PCV2, HepA2
	10/30/2017	HepA2
	12/16/2017	DTaP4
	02/19/2018	DTaP4, HepA2
	03/23/2017	HepA2
	02/14/2018	DTaP3, Polio3, MMR1, Hib3, VAR1, PCV3, HepA1
	07/19/2017	Polio2, HepB1, HepA1
	09/18/2017	HepB2, VAR1, HepA1
	05/23/2017	Polio3

ELIGIBLE NOT YET OVERDUE IMMUNIZATIONS

- Input parameters determined by user.
- Report generates list of patients and vaccines that have met the minimum intervals and ages for the next vaccinations according to the age cohort and vaccination doses entered by the user.
- This is formerly known as the 'Coming Due Report'.
- Do not use the predetermined settings for this report. You will need to manually enter the appropriate age range for the series or vaccine antigen that you are assessing.



Report Generated: 03/09/2020

Eligible Not Yet Overdue Immunizations
Quality Improvement Report

Page: 1 of 1

[redacted]

Age Cohort Selected: at least 12 months and not yet 18 months old

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

Total # of Active Patients on Provider Id: 9

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

"999" assesses for vaccine series is Complete

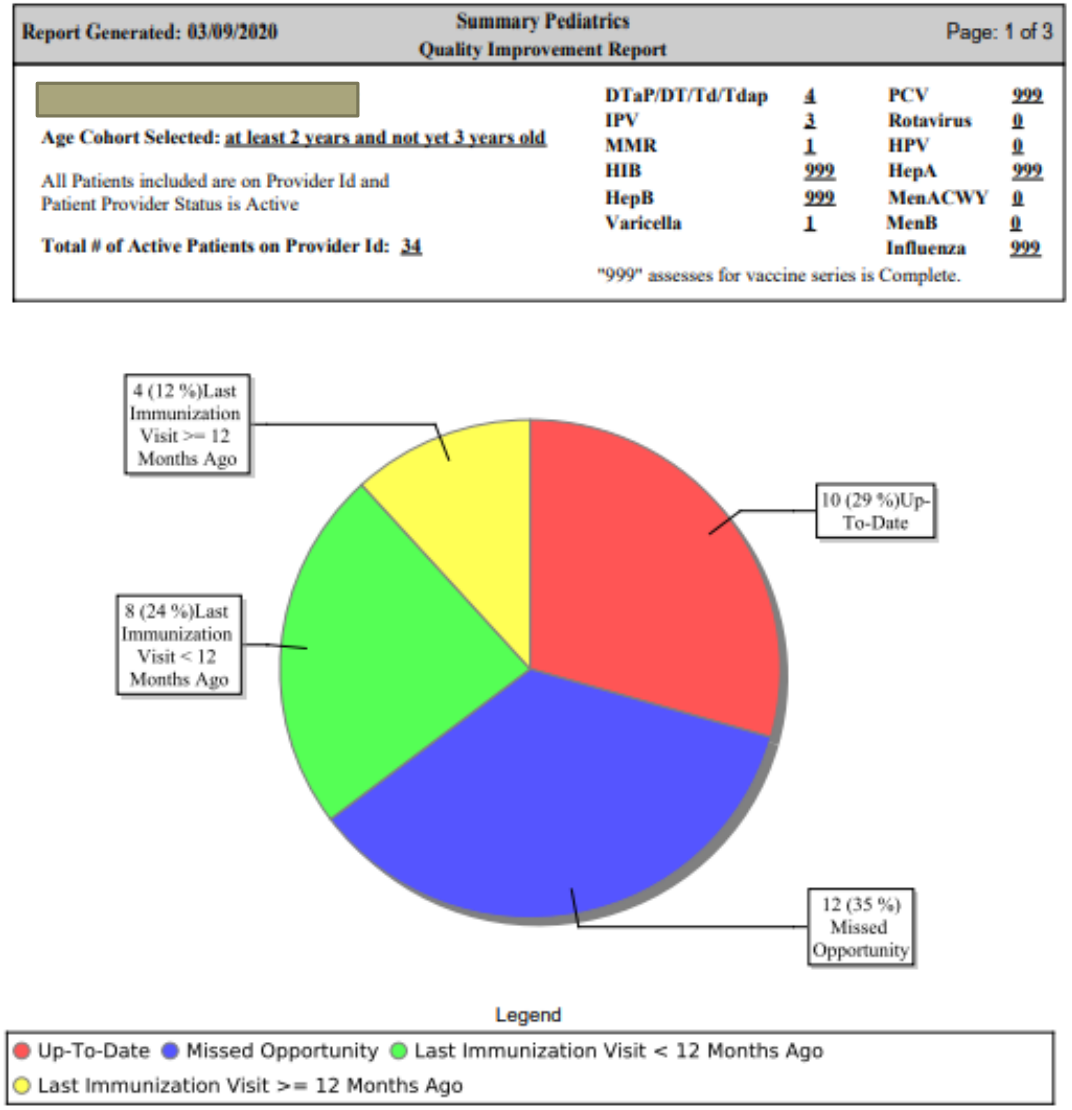
Quality Improvement Activity Suggestion: Patients on this list are "Active" in MCIR for this provider site, if the patient is identified as no longer a patient at this provider site, the Patient Provider Status should be changed to "Inactive - moved or gone elsewhere" using the current guidance from 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: 4

Name	BirthDate	Immunizations due	Earliest Date	Recommended Date
[redacted]	[redacted]	DTaP4	02/19/2020	02/19/2020
		DTaP4	02/28/2020	03/28/2020
		DTaP4	03/06/2020	05/11/2020
		DTaP4	01/08/2020	04/08/2020

SUMMARY PEDIATRIC

- Input parameters predetermined in MCIR.
- Report generates lists and charts of patients at least 2 years of age and not yet 3 years of age who are not up-to-date with immunizations.



Report Generated: 03/09/2020 — **Summary Pediatrics** — **Quality Improvement Report** — Page: 1 of 3

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

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

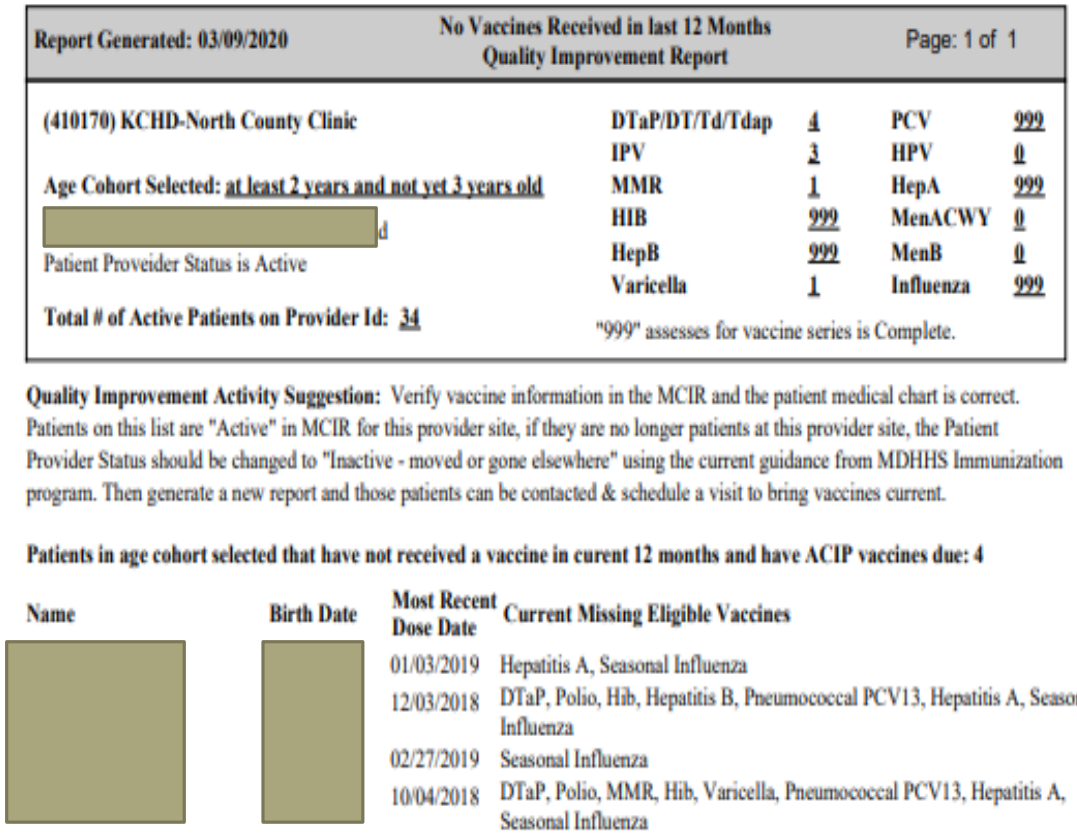
Total # of Active Patients on Provider Id: 34

DTaP/DT/Td/Tdap	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.

NO VACCINATIONS RECEIVED IN LAST 12 MONTHS

- Input parameters determined by user.
- Report generates list of patients and vaccines currently due who received their last vaccination dose more than 12 months ago, according to the age cohort and vaccine doses entered by the user.
- Data results assessed on the date the report generates.



Report Generated: 03/09/2020 | **No Vaccines Received in last 12 Months Quality Improvement Report** | Page: 1 of 1

(410170) KCHD-North County Clinic

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

[redacted]d

Patient Proveider Status is Active

Total # of Active Patients on Provider Id: 34

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**	**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: 4

Name	Birth Date	Most Recent Dose Date	Current Missing Eligible Vaccines
[redacted]	[redacted]	01/03/2019	Hepatitis A, Seasonal Influenza
		12/03/2018	DTaP, Polio, Hib, Hepatitis B, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
		02/27/2019	Seasonal Influenza
		10/04/2018	DTaP, Polio, MMR, Hib, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza

VACCINATIONS NOT ADMINISTERED AT LAST VACCINATION

- Input parameters determined by user.
- Report generates list of patients and vaccines that are currently due or overdue. This includes patients who did not receive an ACIP recommended vaccination(s) at their last vaccination visit, according to the age cohort and vaccines doses entered by the user.
- This is formerly known as the 'Missed Opportunities Report'.

Report Generated: 03/09/2020 — **Vaccines Not Administered at Last Vaccine Visit Quality Improvement Report** — Page: 1 of 1

[redacted]

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: 34

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

"999" assesses for vaccine series is Complete.

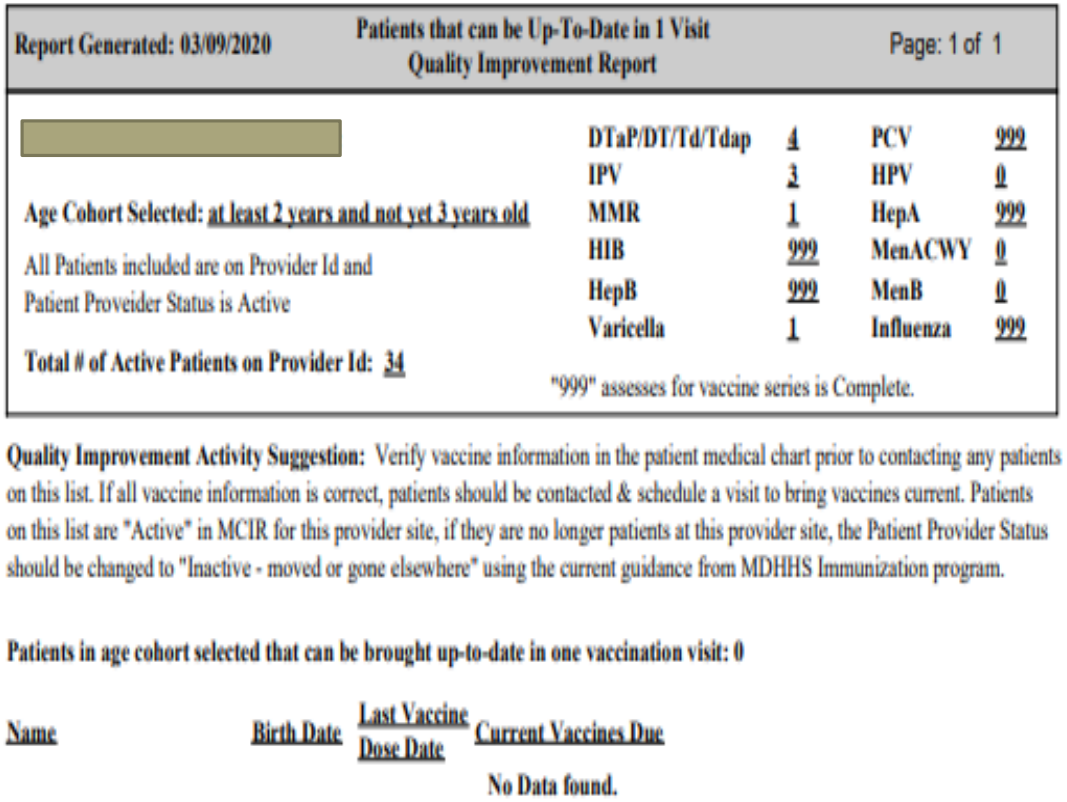
Quality Improvement Activity Suggestion: Verify vaccine information in MCIR and the patient medical chart is correct. Then patients should be contacted & scheduled a visit to bring vaccines current. Patients on this list are "Active" in MCIR for the provider site, if they are no longer patients at this 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 have current recommended vaccines due: 12

Name	Birth Date	Most Recent Vaccine Date	Current ACIP vaccine/s currently due
[redacted]	11/21/2017	12/31/2019	Polio, MMR, Hib, Hepatitis B, Varicella, Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
	06/29/2017	03/28/2019	DTaP, Hepatitis A, Seasonal Influenza
	05/05/2017	10/16/2019	Pneumococcal PCV13, Hepatitis A, Seasonal Influenza
	01/02/2018	01/13/2020	Polio, Hepatitis B, Hepatitis A, Seasonal Influenza
	10/02/2017	08/27/2019	Seasonal Influenza
	10/07/2017	11/06/2019	Seasonal Influenza
	12/16/2017	09/04/2019	DTaP, Seasonal Influenza
	05/07/2017	02/25/2020	Seasonal Influenza
	04/26/2017	04/17/2019	Seasonal Influenza
	07/19/2017	01/29/2020	Polio, Hepatitis B, Hepatitis A, Seasonal Influenza
	09/18/2017	09/03/2019	Hepatitis B, Varicella, Hepatitis A, Seasonal Influenza
	05/23/2017	12/16/2019	Polio

UP-TO-DATE IN ONE VISIT

- Input parameters predetermined in MCIR.
- Report generates list of patients and vaccines that are not up-to-date with immunizations and can achieve an up-to-date status at one vaccination visit.
- Patients are at least 2 years of age and not yet 3 years of age.



Report Generated: 03/09/2020 — **Patients that can be Up-To-Date in 1 Visit Quality Improvement Report** — Page: 1 of 1

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: 34

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	999

"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

No Data found.