AFIX Assessment Analysis

Is based on the 4 DTaP, 3 Polio, 1MMR, 3 Hib, 3 Hep B, 1 Varicella, 4 PCV (4:3:1:3:3:1:4)

Assessment Date: 9/2/2015

Assessed as of January 1, 2015

Note: Data in this assessment is fictitious

Practice Information

Practice Name: Neverland Peds A

VFC (5 digit) /Assigned #: 22222 B

Records Analyzed

Number of records selected between 24-35 months of age: 15 C

Number marked Moved or Going Elsewhere: 0 D

Total number of records analyzed: 15 E

Immunization Rates: For series 4:3:1:3:3:1 and 4:3:1:3:3:1:4

Up to Date (UTD) by 24 months of age: AGIP recommendation that children be up-to-date on immunizations by age 24 months.

4:3:1:3:3:1 = 7 % F

4:3:1:3:3:1:4 = 7 % I

Late Up-To-Date: Children were not up-to-date on vaccine series by 24 months of age but had become up-to-date by the date of the assessment.

4:3:1:3:3:1 = 20 % G

4:3:1:3:3:1:4 = 13 % J

Total Up-To-Date: Total percent of children up-to-date by the assessment (UTD by 24 months + Late Up-To-Date). These children do not require any further follow up.

4:3:1:3:3:1 = 27 % H

4:3:1:3:3:1:4 = 20 % K

Missed Opportunities: Failure to administer all vaccines for which a child was eligible on last immunization visit.

#12, 80 % L

Possible MOGE: Children who have no immunizations recorded in 12 or more months and are due for vaccination.

#0 0 % M

Children Eligible for Vaccine:

Children who could have been brought Up-To-Date with 1 additional visit:

1 vaccine needed:	1 #	7%
2 vaccines needed:	0 #	0%
3 vaccines needed:	0 #	0%
4+ vaccines needed:	0 #	0%

N

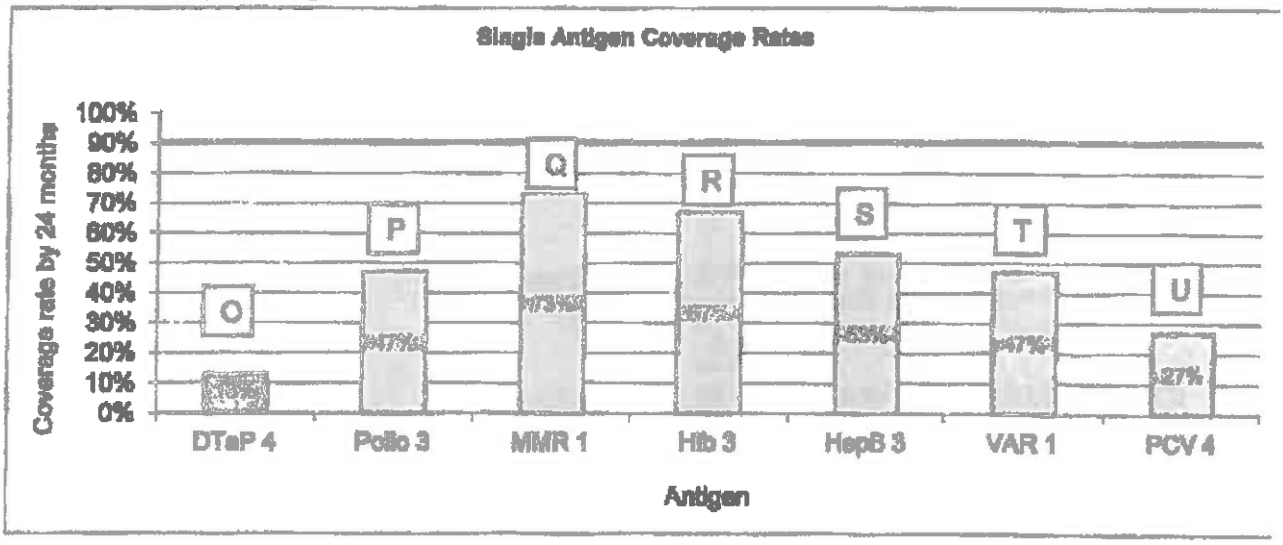
Total patients who could be up-to-date with one additional visit:

#1 0%

cc: Ohio Department of Health, Immunization Program

(Rev 10/2011)

Comparison of Antigens



Late Starts:
Those starting immunizations after 3 months of age, except the Hepatitis B birth dose. (Patients who start a series after 3 months of age are at increased risk of not completing the series on time.)
#9 late starts #0 complete by 24 months of age V

Drop-Off Rates:

DTaP
Number of patients who started the DTaP series by 6 months but did not return for DTaP4 by 24 months divided by the number of patients who started the series by 6 months.

$$\frac{\text{\# DTaP1 by 6 months - \# DTaP4 by 24 months}}{\text{Total \# who received DTaP1 by 6 months}} = 82\ \%\ \text{DTaP drop off}$$ W

Hepatitis B
Number of patients who started the HepB series by 6 months but did not return for HepB3 by 24 months divided by the number of patients who started the series by 6 months.

$$\frac{\text{\# HepB1 by 6 months - \# HepB3 by 24 months}}{\text{Total \# who received HepB1 by 6 months}} = 33\ \%\ \text{HepB drop off}$$ X

Observations of office practices:
Orderly charts
Exam rooms had 2013 immunization schedule posted in exam rooms.
Proactive about immunization practices by participating in the AFIX process

Report Title: **SUMMARY REPORT** Date Generated: 09/02/2015

REPORT CRITERIA

Assessment date: 9/2/2015

Provider site name: Neverland Peds (22222) A B

Age range: From 24 to 35 months as of 1/1/2015

Selected series/antigens: 4:3:1:3:3:1 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var)

Compliance: ☑ By age: 24 months ☐ By date:

Additional criteria: ☑ Apply ACIP Recommendations (valid doses only) ☑ Apply four-day grace period ☐ Limited by

Missed opportunities are defined as: On any previous visits, including non-immunization visits

IMMUNIZATION STATUS

Note: For a report listing specific patients, choose Lists under the Standard Reports tab.

15 C # of patient records selected

0 D # of patients moved or gone elsewhere (MOGE)

(minus)

15 Total # of Patient Records Assessed

*NOTE: DATA IN THIS ASSESSMENT IS FICTITIOUS

Total # of Patient Records Assessed E 15

Immunizations Complete

Immunization Status		# of patients	% of patients
Received immunizations by assessment date:	09/02/2015	4	27% H
Late up-to-date - received immunizations but NOT by:	24 months of age	3	20% G
Up-to-date and complete by:	24 months of age	1	7% F

Immunizations NOT Complete

Immunization Status	# of patients	% of patients
Missed opportunities to administer vaccine (as defined in report criteria)	7	47%
No missed opportunities but NOT eligible for immunization as of assessment date	0	0%
No missed opportunities; eligible; last visit <12 months ago	1	7%
No missed opportunities; eligible; last visit >= 13 months ago	3	20%
Total patients not complete by assessment date	11	73%

Bring Patients Up-To-Date

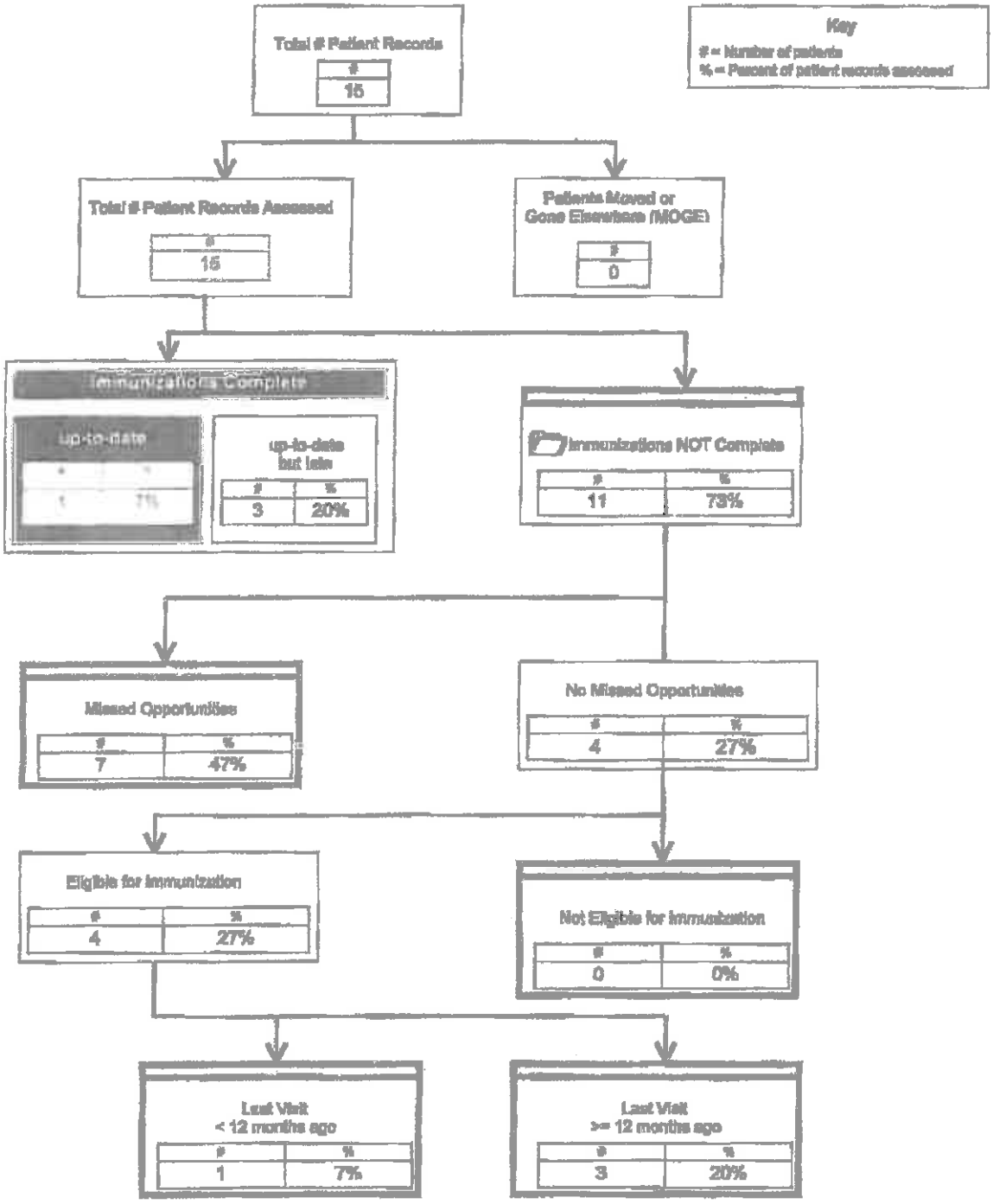
Of patients NOT complete, # of patients who could be brought up-to-date with 1 additional visit: 2 of 11

Immunizations Needed	# of patients	% of patients
1	2	13%
2	0	0%
3	0	0%
4+	0	0%
Total patients up-to-date with one additional visit	2	13%

Provider Site Name: Neverland Peds

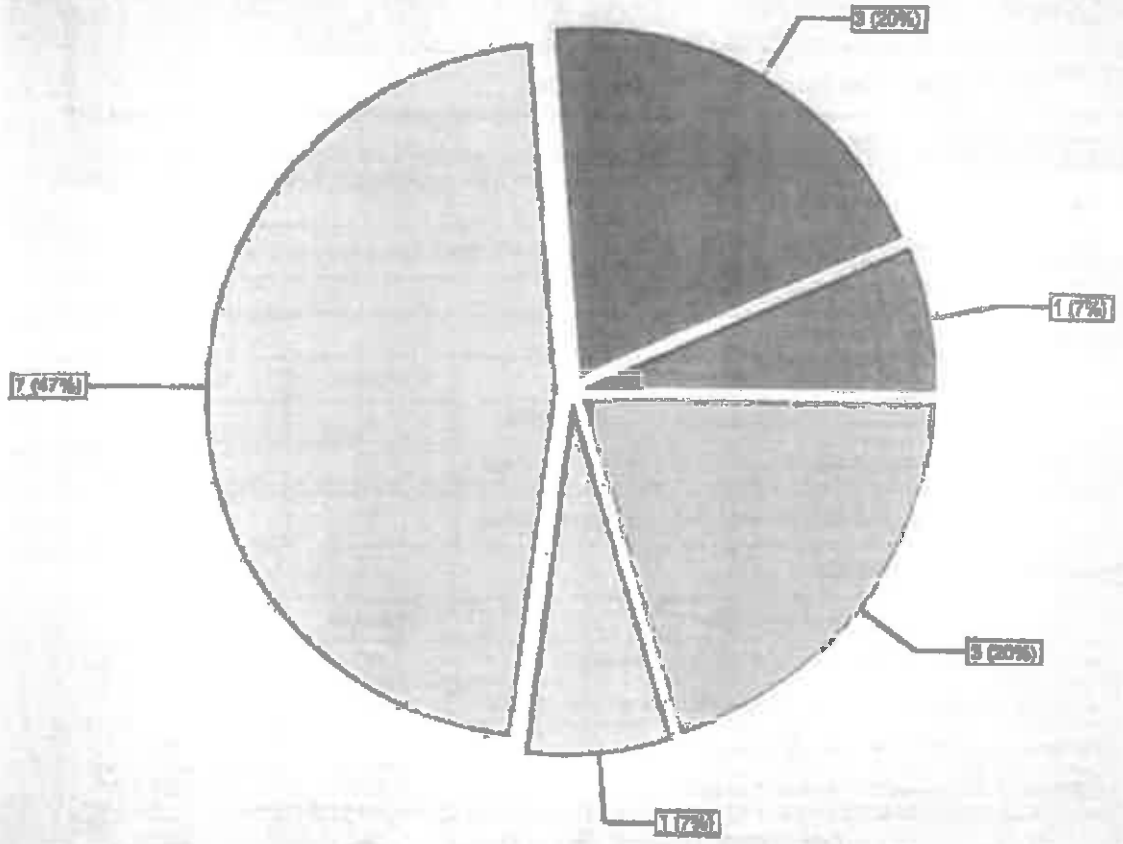
Series: 4:3:1:3:3:1 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var)

Compliance: months 24 months



Provider Site Name: Neverland Peds 4:3:1:3:3:1 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var) Compliance: months 24 months

Immunization Results



Legend

- Up-To-Date
- Late
- Missed Opportunity
- Not Eligible
- Last Immunization Visit < 12 Months Ago
- Last Immunization Visit >= 12 Months Ago

COASA Report Title: **SUMMARY REPORT** Date Generated: 09/02/2015

REPORT CRITERIA

A B

Assessment date: 9/2/2015

Provider site name: Neverland Peds (22222)

Age range: From 24 to 35 months as of 1/1/2015

Selected series/antigens: 4:3:1:3:3:1:4 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var, 4PCV)

Compliance: ☑ By age: 24 months ☐ By date:

Additional criteria: ☑ Apply ACIP Recommendations (valid doses only) ☑ Apply four-day grace period ☐ Limited by

Missed opportunities are defined as: On any previous visits, including non-immunization visits

IMMUNIZATION STATUS

Note: For a report listing specific patients, choose Lists under the Standard Reports tab.

*NOTE: DATA IN THIS ASSESSMENT IS FICTITIOUS

	15 C	# of patient records selected
— (minus)	0 D	# of patients moved or gone elsewhere (MOGE)
	15	Total # of Patient Records Assessed

Total # of Patient Records Assessed 15 E

Immunizations Complete

Immunization Status		# of patients	% of patients
Received immunizations by assessment date:	09/02/2015	3	20% K
Late up-to-date - received immunizations but NOT by:	24 months of age	2	13% J
Up-to-date and complete by:	24 months of age	1	7% I

Immunizations NOT Complete

Immunization Status	# of patients	% of patients
Missed opportunities to administer vaccine (as defined in report criteria)	12	80% L
No missed opportunities but NOT eligible for immunization as of assessment date	0	0%
No missed opportunities; eligible: last visit <12 months ago	0	0%
No missed opportunities; eligible: last visit >= 12 months ago	0	0% M
Total patients not complete by assessment date	12	80%

Bring Patients Up-To-Date

Of patients NOT complete, # of patients who could be brought up-to-date with 1 additional visit: 1 of 12

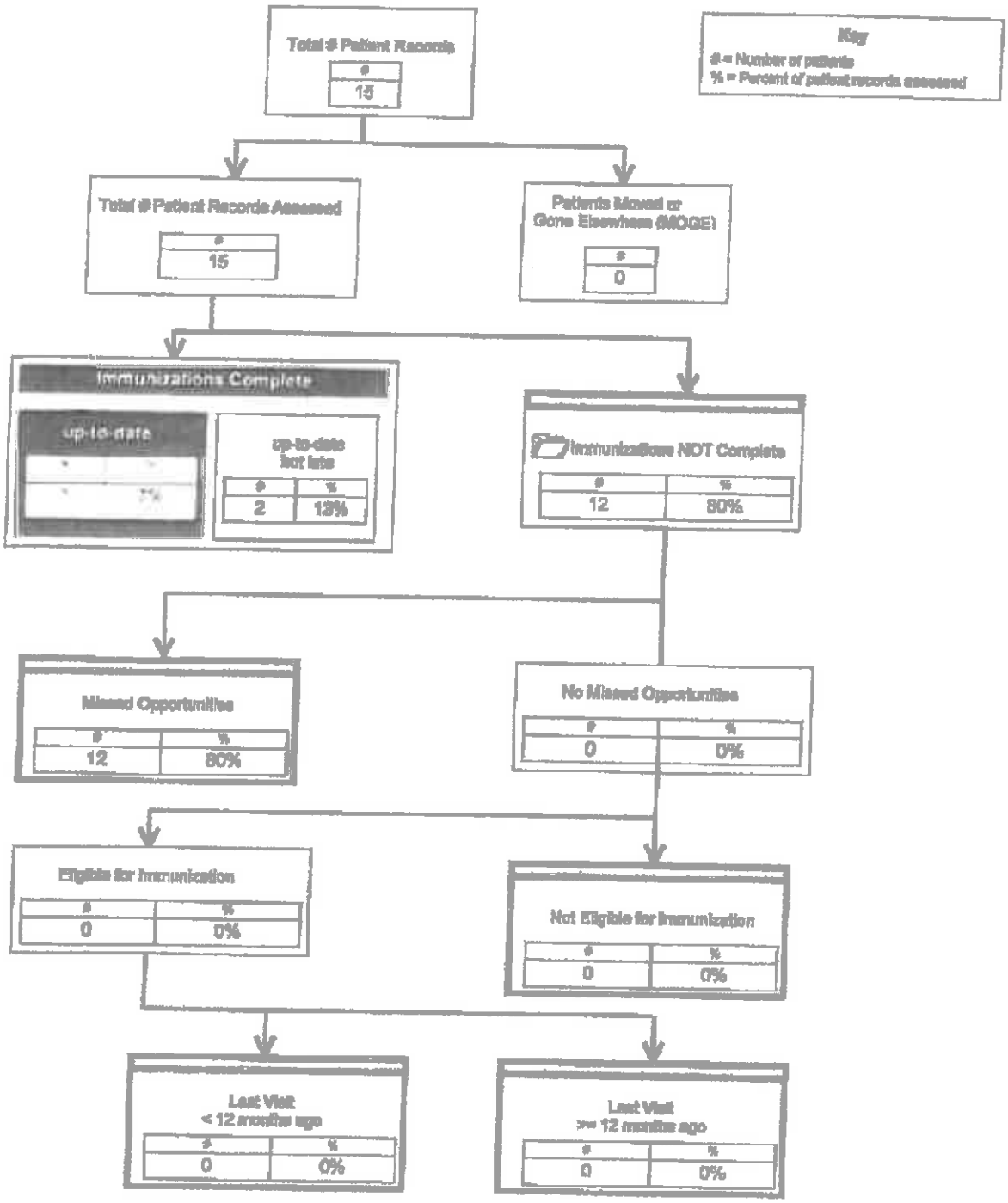
Immunizations Needed	# of patients	% of patients
1	1	7%
2	0	0%
3	0	0%
4+	0	0%
Total patients up-to-date with one additional visit	1	7%

N [WHOLE SECTION]

Provider Site Name: Neverland Peds

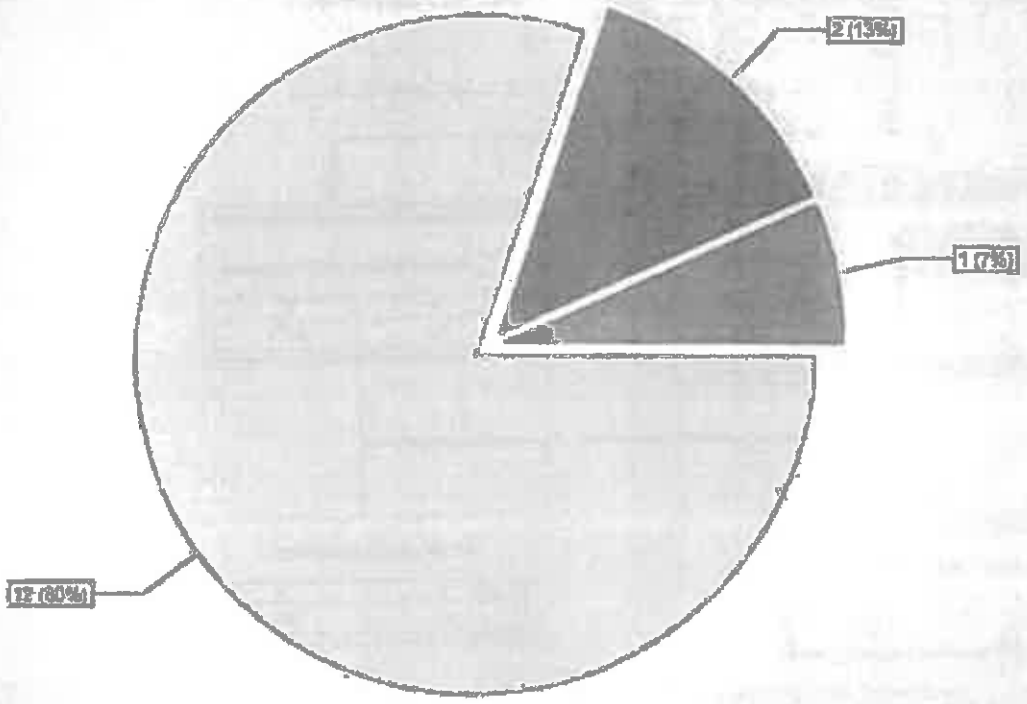
Series: 4:3:1:3:3:1:4 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var, 4PCV)

Compliance: months 24 months



Provider Site Name: Neverland Peds 4:3:1:3:3:1:4 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var, 4PCV) Compliance: months 24 months

Immunization Results



Legend

Up-To-Date | Late | Missed Opportunity

Not Eligible | Last Immunization Visit < 12 Months Ago | Last Immunization Visit >= 12 Months Ago

Community CASA

Report Title: **DIAGNOSTIC REPORT (CHILDHOOD)** Date Generated: 09/02/2015

REPORT CRITERIA A B

Assessment date: 9/2/2015

Provider site name: Neverland Peds (22222)

Age range: From 24 to 36 months as of 1/1/2015

Selected series/antigens: 4:3:1:3:3:1:4 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var, 4PCV)

Compliance: ☑ By age: 24 months ☐ By date:

Additional criteria: ☑ Apply ACIP Recommendations (valid doses only) ☑ Apply four-day grace period ☐ Limited by

Missed opportunities are defined as: On any previous visits, including non-immunization visits

16 C # of patient records selected *NOTE: DATA IN THIS ASSESSMENT IS FICTITIOUS

(minus) 0 D # of patients moved or none elsewhere (MOME)

16 Total # of Patient Records Assessed

Total # of Patient Records Assessed E 16

[redacted]

Vaccinations Coverage: Who is up-to-date?

	Selected Series / Antigens	By: 24 months of age	
		# of patients up-to-date	% of patients up-to-date
1	DTaP4 Polio3 MMR1 HIB3 HepB3 Var1 PCV4	1	7%
2	DTaP4	2	13% O
3	Polio3	7	47% P
4	MMR1	11	73% Q
5	HIB3	10	67% R
6	HepB3	8	53% S
7	Var1	7	47% T
8	PCV4	4	27% U

BEST PRACTICES

Healthy People 2010 has identified immunization as an indicator of the nation's health. The 2010 target for Objective 14-22 is to achieve and maintain effective vaccination coverage levels for universally recommended vaccines among young children. The 2010 target is 80% for each of the following: 4 doses of DTaP, 3 doses of Hib, 3 doses of Hep B, 1 dose of MMR, 3 doses of Polio, 1 dose of Varicella vaccine and 4 doses of pneumococcal conjugate vaccine.

Provider Name: Neverland Peds (22222)

SECTION [illegible]

Comparison of Starting on Time vs Starting Late

Of	6	patients starting	on time,	1	completed	=	17%
Of	9	patients starting	late,	0	completed		0%

SUMMARY STATEMENT

on time / late: 17% / 0% = **infinity** times more likely to complete series on time

For the selected series 4:3:1:3:3:1:4 patients who started on time (received their first immunization by 3 months of age, excluding the birth dose of HepB) are infinity times more likely to complete the series by 24 months of age than patients who started late (received their first immunization after 3 months of age, excluding the birth dose of HepB).

BEST PRACTICES: Patients who begin the series after 3 months of age are at increased risk of not completing the series on time. Post-partum appointments for immunizations may help ensure that all patients start on time.

SECTION III [illegible]

Drop off information for DTaP and HepB (if applicable)

DTaP	# of Patients
Patients 24 months and older who received DTaP1 by 6 months of age	11
Patients 24 months and older who received DTaP1 by 6 months of age and received DTaP4 by 24 months of age	2
Patients who did not return for DTaP4 by 24 months of age	9

# of patients who did not return 9 / # of patients who received DTaP1 11 = 82% DTaP drop off

HepB	# of Patients
Patients 24 months and older who received HepB1 by 6 months of age	12
Patients 24 months and older who received HepB1 by 6 months of age and received HepB3 by 24 months of age	8
Patients who did not return for HepB3 by 24 months of age	4

# of patients who did not return 4 / # of patients who received HepB1 12 = 33% HepB drop off

SUMMARY STATEMENT: Drop off information reveals the failure of the system to track and retrieve patients who, although seen during the first year of life, were in need of further vaccine doses but failed to return to receive them.

BEST PRACTICES: Establishing a system to identify patients who have not completed the recommended immunizations (reminder/recall) can assist in the reduction of patients that drop off.

Provider Name: Neverland Peds (22222)

[redacted]

Reduce Missed Opportunities to Bring Patients Up-to-Date

of patients who missed immunization opportunities 11

# of patient records assessed 15 — 73% of patients had a missed opportunity

SUMMARY STATEMENT: If there were no missed opportunities, on the LAST immunization visit, an additional 1 patients could have been brought up-to-date. Bringing these patients up-to-date will increase the number of patients with complete immunizations to 2 or 13%

BEST PRACTICE: Simultaneous administration of vaccines is both safe and effective. By eliminating missed opportunities, you can efficiently raise coverage levels. Learn more about true contraindications to avoid missed opportunities.

[redacted]

Accelerate Immunization Schedule to Bring Late Starters Up-to-Date

SUMMARY STATEMENT: Of those patients NOT up-to-date with 4:3:1:3:3:1:4 by 24 months of age

13 received at least one immunization (excluding the birth dose of HepB) by 12 months of age.

1 children received their first immunization after 12 months of age.

BEST PRACTICE: Children who start the vaccination series by 12 months of age have the potential to complete the series by 24 months of age. Children who start the vaccination series after 12 months of age are at high risk of failing to complete the series by 24 months of age and warrant the use of the accelerated immunization schedule.

Report Title: **SINGLE ANTIGEN REPORT (CHILDHOOD)** Date Generated: 09/02/2015

REPORT CRITERIA Assessment date: 9/2/2015

Provider site name: Neverland Peds (222222)

Age range From 24 to 35 months as of 1/1/2015

Selected series/antigens: 4:3:1:3:3:1:4 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var, 4PCV)

Compliance: ☑ By age: 24 months ☐ By date:

Additional criteria: ☑ Apply ACIP Recommendations (valid doses only) ☑ Apply four-day grace period ☐ Limited by

*NOTE: DATA IN THIS ASSESSMENT IS FICTITIOUS

	16	# of patient records selected
(minus)	0	# of patients moved or gone elsewhere (MOGE)
	16	Total # of Patient Records Assessed

Total # of Patient Records Assessed 16

Single Antigen Coverage

Note: The single antigen report reflects the number of doses received at age intervals between 3 to 24 months of age and the percentage of doses received based on the series or number of antigens selected; however, this report does not necessarily reflect completeness (i.e., being up-to-date) and the percentages reflected on this report may differ from those on the summary report. The single antigen report is strictly a count of doses received at specified intervals and does not take into consideration scenarios in which a child could be considered up-to-date with fewer doses.

	Months of Age	3		5		7		9		12		13		16		19		24	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
1	DTaP1	4	27	10	67	11	73	11	73	13	87	13	87	13	87	13	87	14	93
2	DTaP2			3	20	3	20	6	40	7	47	7	47	8	53	9	60	11	73
3	DTaP3					3	20	3	20	3	20	3	20	6	40	6	40	7	47
4	DTaP4																	2	13
5	Polio1	4	27	10	67	11	73	11	73	13	87	13	87	13	87	13	87	14	93
6	Polio2			5	33	5	33	6	40	7	47	7	47	8	53	9	60	10	67
7	Polio3					3	20	5	33	5	33	5	33	6	40	6	40	7	47
8	MMR1											1	7	7	47	8	60	11	73
9	HIB1	4	27	10	67	11	73	11	73	12	80	12	80	12	80	12	80	13	87
10	HIB2			4	27	5	33	5	33	7	47	7	47	8	53	9	60	10	67
11	HIB3					2	13	4	27	5	33	5	33	5	33	5	33	6	40
12	HepB1	11	73	12	80	12	80	13	87	13	87	13	87	13	87	13	87	13	87
13	HepB2	5	33	8	53	8	53	8	53	9	60	9	60	10	67	10	67	10	67
14	HepB3					2	13	5	33	5	33	5	33	5	33	6	40	8	53
15	Var1											1	7	3	20	5	33	7	47

Provider Name: Neverland Peds (22222)

16	PCV1	3	20	6	53	9	60	9	60	10	67	10	67	10	67	11	73	11	73
17	PCV2			4	27	5	33	6	40	6	40	6	40	7	47	7	47	7	47
18	PCV3					3	20	5	33	6	40	6	40	6	40	6	40	6	40
19	PCV4											1	7	2	13	2	13	4	27

Denominator	15	15	15	15	15	15	15	15	15

REPORT CRITERIA

Assessment date: 9/2/2015

Provider site name: Neverland Peds (22222)

Age range: From 24 to 36 months as of 1/1/2015

Selected series/antigens: 4:3:1:3:3:1:4 (4DTaP, 3Polio, 1MMR, 3HIB, 3HepB, 1Var, 4PCV)

Additional criteria: ☑ Apply ACIP Recommendations (valid doses only) ☑ Apply four-day grace period ☐ Limited by

[illegible]

* NOTE: DATA IN THIS ASSESSMENT IS FICTITIOUS

List of patients missing any immunizations

Total # of Patient Records 12

"Missing any doses" includes any patient that is Overdue (NOT Complete and Eligible based upon ACIP recommended ages and intervals) or Coming Due (NOT Complete and NOT Eligible as of the assessment date) at any point in the future.

Patient Name (Last, First MI)	Date of Birth	Missing Immunizations
Davis, TamiN	06/06/2012	HepB 2, Varicella 1, PCV 4
Down, Lilly C	09/23/2012	DTaP 3, PCV 2
Elliott, Jane S	07/07/2012	DTaP 2, Polio 2, PCV 1
George, Ann s	10/23/2012	DTaP 3, Polio 2, HepB 1, Varicella 1, PCV 4
George, Ann S	10/23/2012	DTaP 3, Polio 3, HIB 1, PCV 1
George, NEVAEH S	10/23/2012	DTaP 2, Polio 2, MMR 1, HIB 2, HepB 1, Varicella 1, PCV 1
Hanks, Cathy L	11/02/2012	DTaP 4, PCV 2
Lake, mike C	03/25/2012	DTaP 2, Polio 2, MMR 1, HIB 2, HepB 2, Varicella 1, PCV 1
Lawrence, Beth J	07/06/2012	PCV 3
Perry, dave A	09/14/2012	DTaP 2, Polio 2, PCV 2
Simms, Lauren	09/17/2012	DTaP 3, Polio 3, MMR 1, HIB 3, HepB 3, Varicella 1, PCV 2
smith, julie M	04/04/2012	Varicella 1

List of Patients Who Received DTaP4 Between 4 and 6 Months After Dose 3

Total # of Patient Records 1

Provider Name: Neverland Peds (22222)

This section includes any patient that received the 4th dose of DTaP at less than the recommended minimum interval, between 4 and 6 months after the previous dose. This dose is not administered according to ACIP recommendations, although ACIP has stated that this dose does not need to be repeated.

Patient Name (Last, First MI)	Date of Birth
Davis, TamN	08/08/2012

COMMUNITY CASA Report Title: **INVALID DOSES** Date Generated: 09/02/2015

REPORT CRITERIA

Assessment date: 9/2/2015

Provider site name: Neverland Pads (22222)

Age range: From 24 to 35 months as of 1/1/2015

Selected sexes/antigens: 4:3:1:3:3:1:4 (4DTaP, 3Polio, 1MMR, 3HIB, 3HapB, 1Var, 4PCV)

Compliance: ☑ By age: 24 months ☐ By date:

Additional criteria: ☑ Apply ACIP Recommendations (valid doses only) ☑ Apply four-day grace period ☐ Limited by

*NOTE: DATA IN THIS ASSESSMENT IS FICTITIOUS

Total # of Records with Invalid Doses 1

RESULTS

Patient Name (Last, First MI)	DOB	Antigen	Date given	Reason not valid
Hanks, Cathy L	11/02/2012	DTP1	03/12/2013	Interval of 4 weeks from previous valid or invalid dose not met