



**Centers for Medicare & Medicaid
Services
CMS eXpedited Life Cycle (XLC)**

Medicaid and CHIP Program (MACPro)

CQM 2017 - Childhood Immunization Status (CIS) Core Measure PRA Document

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Table of Contents

1. Childhood Immunization Status (CIS) Screenshots	1
1.1 Measurement Specifications – Path 1	1
1.2 Measurement Specifications – Path 2.....	1
1.3 Data Source	1
1.4 Performance Measure - Path 1 – Screenshot 1	2
1.5 Performance Measure - Path 1 – Screenshot 2	2
1.6 Performance Measure - Path 1 – Screenshot 3	3
1.7 Performance Measure - Path 1 – Screenshot 4	3
1.8 Performance Measure - Path 1 – Screenshot 5	4
1.9 Performance Measure - Path 2 – Screenshot 1	4
1.10 Performance Measure - Path 2 – Screenshot 2	5
1.11 Performance Measure - Path 2 – Screenshot 3	5
1.12 Deviations from Measure Specifications – Screenshot 1	6
1.13 Deviations from Measure Specifications – Screenshot 2	6
1.14 Deviations from Measure Specifications – Screenshot 3	7
1.15 Deviations from Measure Specifications – Screenshot 4	7
1.16 Deviations from Measure Specifications – Screenshot 5	8
1.17 Deviations from Measure Specifications – Screenshot 6	8
1.18 Deviations from Measure Specifications – Screenshot 7	9
1.19 Deviations from Measure Specifications – Screenshot 8	9
1.20 Deviations from Measure Specifications – Screenshot 9	10
1.21 Deviations from Measure Specifications – Screenshot 10	10
1.22 Deviations from Measure Specifications – Screenshot 11	11
1.23 Deviations from Measure Specifications – Screenshot 12	11
1.24 Optional Measure Stratification – Screenshot 1	12
1.25 Optional Measure Stratification – Screenshot 2	13
1.26 Optional Measure Stratification – Screenshot 3	13
Appendix A: Acronyms.....	14

List of Figures

Figure 1: Measurement Specifications – Path 1	1
Figure 2: Measurement Specifications – Path 2.....	1
Figure 3 : Data Source	1
Figure 4: Performance Measure - Path 1 – Screenshot 1	2
Figure 5: Performance Measure - Path 1 – Screenshot 2	2
Figure 6: Performance Measure - Path 1 – Screenshot 3	3

Figure 7: Performance Measure - Path 1 – Screenshot 4 3

Figure 8: Performance Measure - Path 1 – Screenshot 5 4

Figure 9: Performance Measure - Path 2 – Screenshot 1 4

Figure 10: Performance Measure - Path 2 – Screenshot 2 5

Figure 11: Performance Measure - Path 2 – Screenshot 3 5

Figure 12: Deviations from Measure Specifications – Screenshot 1 6

Figure 13: Deviations from Measure Specifications – Screenshot 2 6

Figure 14: Deviations from Measure Specifications – Screenshot 3 7

Figure 15: Deviations from Measure Specifications – Screenshot 4 7

Figure 16: Deviations from Measure Specifications – Screenshot 5 8

Figure 17: Deviations from Measure Specifications – Screenshot 6 8

Figure 18: Deviations from Measure Specifications – Screenshot 7 9

Figure 19: Deviations from Measure Specifications – Screenshot 8 9

Figure 20: Deviations from Measure Specifications – Screenshot 9 10

Figure 21: Deviations from Measure Specifications – Screenshot 10 10

Figure 22: Deviations from Measure Specifications – Screenshot 11 11

Figure 23: Deviations from Measure Specifications – Screenshot 12 11

Figure 24: Optional Measure Stratification – Screenshot 1 12

Figure 25: Optional Measure Stratification – Screenshot 2 13

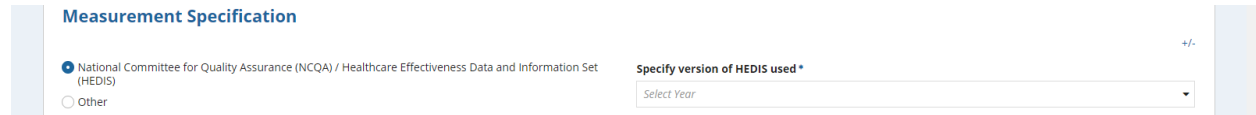
Figure 26: Optional Measure Stratification – Screenshot 3 13

List of Tables

No table of figures entries found.

1. Childhood Immunization Status (CIS) Screenshots

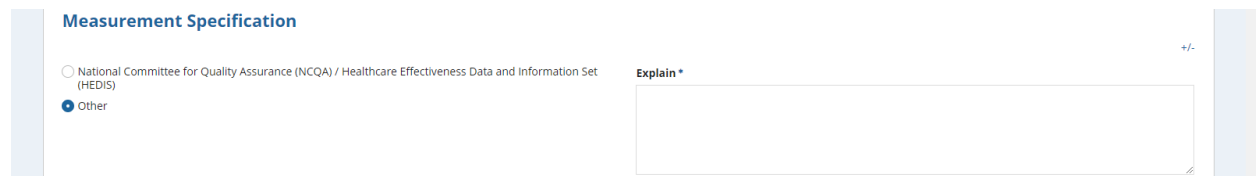
1.1 Measurement Specifications – Path 1



The screenshot shows a 'Measurement Specification' form. On the left, there are two radio button options: 'National Committee for Quality Assurance (NCQA) / Healthcare Effectiveness Data and Information Set (HEDIS)' (selected) and 'Other'. On the right, there is a dropdown menu labeled 'Specify version of HEDIS used *' with the text 'Select Year' below it. A '+/-' icon is visible in the top right corner of the form area.

Figure 1: Measurement Specifications – Path 1

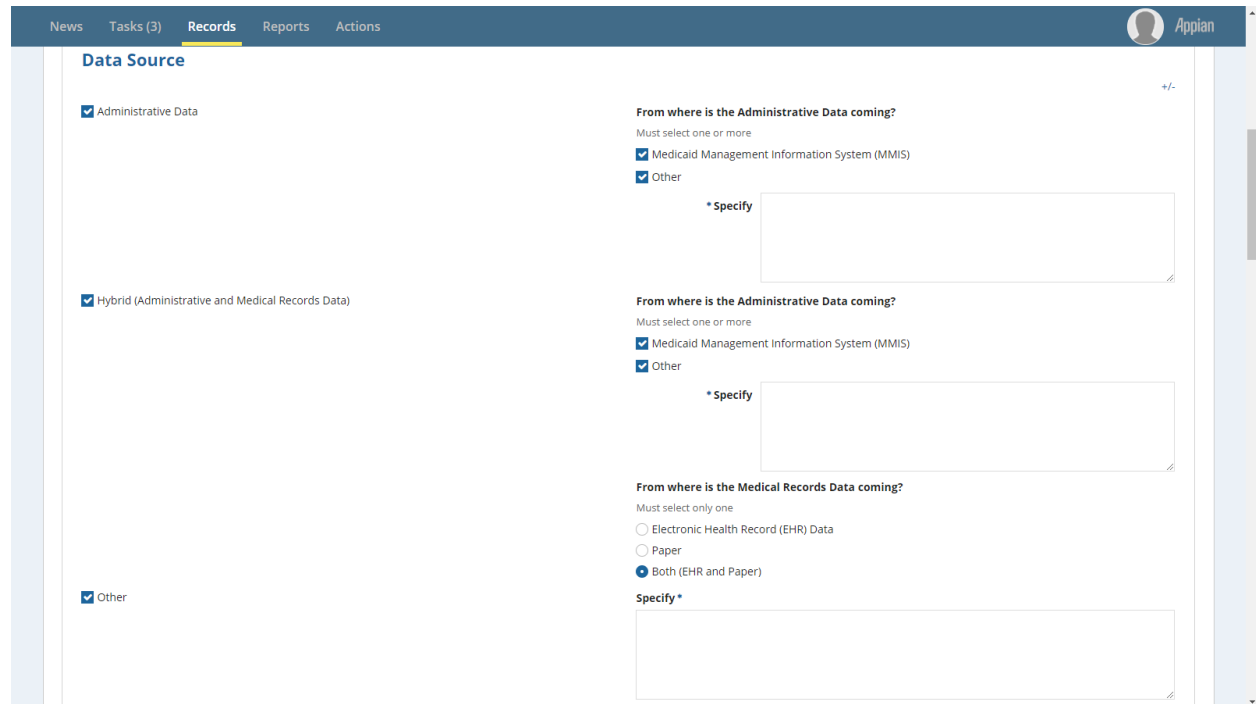
1.2 Measurement Specifications – Path 2



The screenshot shows a 'Measurement Specification' form. On the left, there are two radio button options: 'National Committee for Quality Assurance (NCQA) / Healthcare Effectiveness Data and Information Set (HEDIS)' (unselected) and 'Other' (selected). On the right, there is a large text area labeled 'Explain *'. A '+/-' icon is visible in the top right corner of the form area.

Figure 2: Measurement Specifications – Path 2

1.3 Data Source



The screenshot shows a 'Data Source' configuration page within an application interface. The top navigation bar includes 'News', 'Tasks (3)', 'Records' (highlighted), 'Reports', and 'Actions'. A user profile icon and the name 'Appian' are in the top right. The main content area has a left sidebar with three checked checkboxes: 'Administrative Data', 'Hybrid (Administrative and Medical Records Data)', and 'Other'. The right side contains three sections for specifying data sources, each with a '+/-' icon in the top right corner. The first two sections are for 'Administrative Data coming?' and require selecting one or more options: 'Medicaid Management Information System (MMIS)' (checked) and 'Other' (checked). Each has a '* Specify' text box. The third section is for 'Medical Records Data coming?' and requires selecting only one option: 'Electronic Health Record (EHR) Data' (unselected), 'Paper' (unselected), and 'Both (EHR and Paper)' (selected). It also has a '* Specify' text box.

Figure 3 : Data Source

1.4 Performance Measure - Path 1 – Screenshot 1

The screenshot shows the 'Performance Measure' section of a software interface. At the top, there is a navigation bar with 'News', 'Tasks (3)', 'Records', 'Reports', and 'Actions'. A user profile icon for 'Applan' is in the top right. Below the navigation bar, the title 'Performance Measure' is followed by a small '+/-' icon. A paragraph explains the measure: 'Percentage of children 2 years old who had four diphtheria, tetanus and acellular pertussis (DTaP); three polio (IPV); one measles, mumps and rubella (MMR); three haemophilus influenza type B (HIB); three hepatitis B (Hep B), one chicken pox (VZV); four pneumococcal conjugate (PCV); one hepatitis A (Hep A); two or three rotavirus (RV); and two influenza (flu) vaccines by their second birthday. The measure calculates a rate for each vaccine and nine separate combination rates.' Below this, a note says: 'Enter rate values to one decimal place (XX.X). If your rate ends in .0, note that the .0 will not be retained on the screen and the whole number will be displayed instead.' The 'DTaP' checkbox is selected. Below it is a text area with the prompt 'Please explain why data was not entered for this numerator/denominator/rate set *' and a character count of '0/4000'. This structure repeats for 'IPV', 'MMR', and 'HIB'.

Figure 4: Performance Measure - Path 1 – Screenshot 1

1.5 Performance Measure - Path 1 – Screenshot 2

This screenshot shows the lower portion of the 'Performance Measure' interface. It features the same navigation bar and user profile as the previous screenshot. The 'HIB' checkbox is selected. Below it is a text area with the prompt 'Please explain why data was not entered for this numerator/denominator/rate set *' and a character count of '0/4000'. This structure repeats for 'Hep B', 'VZV', and 'PCV', each with a corresponding text area and '0/4000' character count.

Figure 5: Performance Measure - Path 1 – Screenshot 2

1.6 Performance Measure - Path 1 – Screenshot 3

The screenshot shows a web application interface with a dark blue header bar. The header contains navigation tabs: 'News', 'Tasks (3)', 'Records' (highlighted), 'Reports', and 'Actions'. On the right side of the header, there is a user profile icon and the name 'Appian'. Below the header, the main content area displays a list of four items, each with a checkbox and a text input field. The items are: 'Hep A', 'RV', 'Flu', and 'Combo 2'. Each item has a 'Character count: 0/4000' label above the checkbox. Below each checkbox is a text input field with the placeholder text 'Please explain why data was not entered for this numerator/denominator/rate set *'. The input fields are currently empty.

Figure 6: Performance Measure - Path 1 – Screenshot 3

1.7 Performance Measure - Path 1 – Screenshot 4

The screenshot shows a web application interface with a dark blue header bar. The header contains navigation tabs: 'News', 'Tasks (3)', 'Records' (highlighted), 'Reports', and 'Actions'. On the right side of the header, there is a user profile icon and the name 'Appian'. Below the header, the main content area displays a list of seven items, each with a checkbox and a text input field. The items are: 'Combo 3', 'Combo 4', 'Combo 5', 'Combo 6', and 'Combo 7'. Each item has a 'Character count: 0/4000' label above the checkbox. Below each checkbox is a text input field with the placeholder text 'Please explain why data was not entered for this numerator/denominator/rate set *'. The input fields are currently empty.

Figure 7: Performance Measure - Path 1 – Screenshot 4

1.8 Performance Measure - Path 1 – Screenshot 5

The screenshot shows a web interface with a top navigation bar containing 'News', 'Tasks (3)', 'Records', 'Reports', and 'Actions'. A user profile icon for 'Applan' is in the top right. The main content area contains four identical sections, each starting with a checkbox labeled 'Combo 7', 'Combo 8', 'Combo 9', and 'Combo 10' respectively. Below each checkbox is a text prompt: 'Please explain why data was not entered for this numerator/denominator/rate set *'. Underneath each prompt is a large, empty text input field. At the bottom of each input field, it says 'Character count: 0/4000'.

Figure 8: Performance Measure - Path 1 – Screenshot 5

1.9 Performance Measure - Path 2 – Screenshot 1

The screenshot shows a web interface with a top navigation bar containing 'News', 'Tasks (3)', 'Records', 'Reports', and 'Actions'. A user profile icon for 'Applan' is in the top right. The main content area is titled 'Performance Measure' and includes a detailed description of the measure: 'Percentage of children 2 years old who had four diphtheria, tetanus and acellular pertussis (DTaP); three polio (IPV); one measles, mumps and rubella (MMR); three haemophilus influenza type B (HIB); three hepatitis B (Hep B); one chicken pox (VZV); four pneumococcal conjugate (PCV); one hepatitis A (Hep A); two or three rotavirus (RV); and two influenza (flu) vaccines by their second birthday. The measure calculates a rate for each vaccine and nine separate combination rates.' Below this is a note: 'Enter rate values to one decimal place (XXX). If your rate ends in .0, note that the .0 will not be retained on the screen and the whole number will be displayed instead.' There are six checkboxes, all of which are checked: 'DTaP', 'IPV', 'MMR', 'HIB', 'Hep B', and 'VZV'. Each checked checkbox is followed by a table with three columns: 'Numerator', 'Denominator', and 'Rate'. Each table row has input fields with the number '0' entered in the 'Numerator' and 'Denominator' columns, and an empty 'Rate' column.

Figure 9: Performance Measure - Path 2 – Screenshot 1

1.10 Performance Measure - Path 2 – Screenshot 2

The screenshot shows a web interface with a navigation bar at the top containing 'News', 'Tasks (3)', 'Records', 'Reports', and 'Actions'. A user profile icon for 'Appian' is on the right. Below the navigation bar, there are seven rows of data, each representing a different performance measure. Each row consists of a checkbox on the left, followed by a table with three columns: 'Numerator', 'Denominator', and 'Rate'. The 'Numerator' and 'Denominator' columns contain the value '0'. The 'Rate' column contains a red-bordered input field with the value '0'. The measures listed are VZV, PCV, Hep A, RV, Flu, Combo 2, and Combo 3.

Figure 10: Performance Measure - Path 2 – Screenshot 2

1.11 Performance Measure - Path 2 – Screenshot 3

The screenshot shows a web interface similar to Figure 10, with a navigation bar and a user profile icon for 'Appian'. Below the navigation bar, there are seven rows of data, each representing a different performance measure. Each row consists of a checkbox on the left, followed by a table with three columns: 'Numerator', 'Denominator', and 'Rate'. The 'Numerator' and 'Denominator' columns contain the value '0'. The 'Rate' column contains a red-bordered input field with the value '0'. The measures listed are Combo 4, Combo 5, Combo 6, Combo 7, Combo 8, Combo 9, and Combo 10.

Figure 11: Performance Measure - Path 2 – Screenshot 3

1.12 Deviations from Measure Specifications – Screenshot 1

News Tasks (3) **Records** Reports Actions Appian

Deviations from Measure Specifications

Did your calculation of the measure deviate from the measure specification in any way?*

Yes
 No

Please select and explain the deviation(s)

DTap

Numerator Explain *

Denominator Explain *

Other Explain *

IPV

Numerator Explain *

Figure 12: Deviations from Measure Specifications – Screenshot 1

1.13 Deviations from Measure Specifications – Screenshot 2

News Tasks (3) **Records** Reports Actions Appian

Denominator Explain *

Other Explain *

MMR

Numerator Explain *

Denominator Explain *

Other Explain *

Figure 13: Deviations from Measure Specifications – Screenshot 2

1.14 Deviations from Measure Specifications – Screenshot 3

News Tasks (3) **Records** Reports Actions

Appian

HIB
 Numerator
 Denominator
 Other

Hep B
 Numerator
 Denominator

Explain *

Explain *

Explain *

Explain *

Explain *

Figure 14: Deviations from Measure Specifications – Screenshot 3

1.15 Deviations from Measure Specifications – Screenshot 4

News Tasks (3) **Records** Reports Actions

Appian

Denominator

Other

VZV
 Numerator

Denominator

Other

PCV
 Numerator

Explain *

Explain *

Explain *

Explain *

Explain *

Figure 15: Deviations from Measure Specifications – Screenshot 4

1.16 Deviations from Measure Specifications – Screenshot 5

News Tasks (3) **Records** Reports Actions

Appian

PCV

- Numerator
- Denominator
- Other

Hep A

- Numerator
- Denominator

Flu

- Numerator

Explain *

Explain *

Explain *

Explain *

Explain *

Figure 16: Deviations from Measure Specifications – Screenshot 5

1.17 Deviations from Measure Specifications – Screenshot 6

News Tasks (3) **Records** Reports Actions

Appian

Other

- Other

RV

- Numerator
- Denominator

Flu

- Numerator

Explain *

Explain *

Explain *

Explain *

Explain *

Figure 17: Deviations from Measure Specifications – Screenshot 6

1.18 Deviations from Measure Specifications – Screenshot 7

News Tasks (3) **Records** Reports Actions Appian

Denominator Explain *

Other Explain *

Combo 2
 Numerator Explain *

Denominator Explain *

Other Explain *

Figure 18: Deviations from Measure Specifications – Screenshot 7

1.19 Deviations from Measure Specifications – Screenshot 8

News Tasks (3) **Records** Reports Actions Appian

Combo 3
 Numerator Explain *

Denominator Explain *

Other Explain *

Combo 4
 Numerator Explain *

Denominator Explain *

Figure 19: Deviations from Measure Specifications – Screenshot 8

1.20 Deviations from Measure Specifications – Screenshot 9

The screenshot shows a web application interface with a top navigation bar containing 'News', 'Tasks (3)', 'Records' (highlighted), 'Reports', and 'Actions'. A user profile icon for 'Appian' is in the top right. The main content area is divided into two columns. The left column contains a list of deviation items, each with a checked checkbox and a label: 'Denominator', 'Other', 'Combo 5' (with a sub-item 'Numerator'), 'Denominator', 'Other', and 'Combo 6' (with a sub-item 'Numerator'). The right column contains a series of empty text boxes, each preceded by the label 'Explain *'. A vertical scrollbar is visible on the right side of the interface.

Figure 20: Deviations from Measure Specifications – Screenshot 9

1.21 Deviations from Measure Specifications – Screenshot 10

The screenshot shows the same web application interface as Figure 20. The 'Records' tab is active. The list of deviation items in the left column includes: 'Combo 6' (with a sub-item 'Numerator'), 'Denominator', 'Other', 'Combo 7' (with a sub-item 'Numerator'), and 'Denominator'. The right column contains five empty text boxes, each preceded by the label 'Explain *'. A vertical scrollbar is visible on the right side of the interface.

Figure 21: Deviations from Measure Specifications – Screenshot 10

1.22 Deviations from Measure Specifications – Screenshot 11

News Tasks (3) **Records** Reports Actions

Applan

Other

Explain *

Combo 8

Numerator

Explain *

Denominator

Explain *

Other

Explain *

Combo 9

Numerator

Explain *

Figure 22: Deviations from Measure Specifications – Screenshot 11

1.23 Deviations from Measure Specifications – Screenshot 12

News Tasks (3) **Records** Reports Actions

Applan

Denominator

Explain *

Other

Explain *

Combo 10

Numerator

Explain *

Denominator

Explain *

Other

Explain *

Figure 23: Deviations from Measure Specifications – Screenshot 12

1.24 Optional Measure Stratification – Screenshot 1

Note: Same N/D/R sets are displayed under each of the stratification categories

Optional Measure Stratification

If this measure is also reported by additional classifications/sub-categories, e.g. racial, ethnic, sex, language, disability status, or geography, complete the following as applicable.

Enter rate values to one decimal place (XX.X). If your rate ends in .0, note that the .0 will not be retained on the screen and the whole number will be displayed instead.

Check all that apply

- Race (Non-Hispanic)
 - White

Classification/Sub-category	Numerator	Denominator	Rate	
DTap	0	0	0	Clear Row
IPV	0	0	0	Clear Row
MMR	0	0	0	Clear Row
HIB	0	0	0	Clear Row
Hep B	0	0	0	Clear Row
VZV	0	0	0	Clear Row
PCV	0	0	0	Clear Row
Hep A	0	0	0	Clear Row
RV	0	0	0	Clear Row
Flu	0	0	0	Clear Row

Figure 24: Optional Measure Stratification – Screenshot 1

1.25 Optional Measure Stratification – Screenshot 2

News Tasks (3) **Records** Reports Actions Appian

Flu	0	0	0	0	Clear Row
Combo 2	0	0	0	0	Clear Row
Combo 3	0	0	0	0	Clear Row
Combo 4	0	0	0	0	Clear Row
Combo 5	0	0	0	0	Clear Row
Combo 6	0	0	0	0	Clear Row
Combo 7	0	0	0	0	Clear Row
Combo 8	0	0	0	0	Clear Row
Combo 9	0	0	0	0	Clear Row
Combo 10	0	0	0	0	Clear Row

+ Additional/Alternative Classification/Sub-category

- Black or African American
- American Indian or Alaska Native
- Asian
- Native Hawaiian or Other Pacific Islander
- + Additional Race(s)
- Ethnicity
 - Hispanic or Latino
 - Not Hispanic or Latino

Figure 25: Optional Measure Stratification – Screenshot 2

1.26 Optional Measure Stratification – Screenshot 3

News Tasks (3) **Records** Reports Actions Appian

+ Additional Ethnicity(ies)

- Sex
 - Male
 - Female
- Primary Spoken Language
 - English
 - Spanish
 - + Additional Primary Spoken Language(s)
- Disability Status
 - SSI
 - Non-SSI
 - + Additional Disability Status(es)
- Geography
 - Urban
 - Rural
 - + Additional Geographies

Report Documents

Saved Documents

- Maximum documents that can be uploaded for this report: 84
- Maximum file size: 2MB
- Valid file extensions: pdf, ppt, doc, docx, xls, xlsx, pptx

<input type="checkbox"/>	Name	Description	Date Created	Updated By	Size	Type
No items available						

UPLOAD

DELETE DOCUMENT(S) SAVE DOCUMENT(S)

Figure 26: Optional Measure Stratification – Screenshot 3

Appendix A: Acronyms

Table 1: Acronyms

Acronym	Definition
CQM	Child Quality Measures
PRA	Paperwork Reduction Act of 1995