

## **SECTION II.**

### **DETAILED MEASURE SPECIFICATIONS**

#### **II.A. Description**

The percentage of time, within an 18-month observation window, eligible children received coverage in Medicaid or CHIP, or either program.

#### **II.B. Eligible Population**

*Age:* Children aged younger than 18 years at the beginning of the 18-month observation window.

*Coverage:* Number of months enrolled over an 18-month window of observation. Eligible months determined for any child observed within the 18-month observation window AND/OR the 18-month look back period.

*Allowable gap:* Gaps allowed and measured as months without coverage.

*Anchor date:* Beginning of 18-month look back period OR date of birth.

*Benefits:* Medical, pharmacy, dental, long term care

*Event:* Number of months covered over an 18-month window of observation.

#### **II.C. Definitions**

*Eligible:* If enrollment is observed within the 18-month look back period, a child is considered eligible for the entire 18-month observation window. If enrollment is not observed in the look back, eligibility is determined from the first month of enrollment seen in the observation window.

*S-CHIP:* Separately administered CHIP program

*M-CHIP:* Federally administered CHIP program

## II.D.1. Detailed Measure Specifications for CHIP Coverage PE Measure

### Administrative Data Specifications

*Denominator for S-CHIP Coverage PE = Total Months of Eligibility*

1. Determine 18-month window of observation (can begin with any month in the year), and the preceding 18 months, also known as the look back, to determine the individuals eligible to contribute months of eligibility to the denominator.
2. Identify all children enrolled in CHIP at any point within the 18-month window of observation AND/OR the 18-month look back, excluding those older than 18 at the beginning of the 18-month observation window.
3. Identify all children who are born within the 18-month window of observation – **for these children, total months of eligibility begin from date of birth.**
4. Identify all children who reach the age of 18 before the end of the 18-month window of observation – **for these children, total months of eligibility end with their 18<sup>th</sup> birthday.**
5. Identify all children who DO NOT APPEAR as covered at any point within the 18-month look back period (“covered” defined as at least one day of coverage) – **for these children, total months of eligibility begin with their first day of coverage within the 18-month observation window.** (This is to identify those children who are truly newly eligible, such as those whose parents were laid off in an economic downturn).
6. For all other children who do not represent populations described in Steps 2, 3, or 4, **total months of eligibility equals the total number of months included in the 18-month observation window.**
7. Determine summation of total number of eligible months for all children in eligible population.

*Numerator for CHIP Coverage PE measure = Total Months Covered*

1. Identify total number of months covered by CHIP for each child in the eligible population. A month is considered “covered” if the child has greater than 14 days of enrollment in that month.
2. If data available (e.g. a state with a separate CHIP program reporting its CHIP enrollment data to CMS), determine months when a child experiencing a gap in coverage by CHIP was covered by Medicaid or M-CHIP.
3. Determine summation of total number of months covered within the 18-month observation window for all children in the eligible population.

**Compute percentage of months covered within the 18-month observation window.**

*Units:*

Report number and percentages.

## **II.D.2. Detailed Measure Specifications for Medicaid/M-CHIP Coverage Measure**

### **Administrative Data Specifications**

*Denominator for Medicaid/M-CHIP Coverage PE = Months of Eligibility*

1. Determine 18-month window of observation (can begin with any month in the year), and the preceding 18 months, also known as the look back, to determine the individuals eligible to contribute months of eligibility to the denominator.
2. Identify all children enrolled in CHIP at any point within the 18-month window of observation AND/OR the 18-month look back, excluding those older than 18 at the beginning of the 18-month observation window.
3. Identify all children who are born within the 18-month window of observation – **for these children, total months of eligibility begin from date of birth.**
4. Identify all children who reach the age of 18 before the end of the 18-month window of observation – **for these children, total months of eligibility end with their 18<sup>th</sup> birthday.**
5. Identify all children who DO NOT APPEAR as covered at any point within the 18-month look back period (“covered” defined as at least one day of coverage) – **for these children, total months of eligibility begin with their first day of coverage within the 18-month observation window.** (This is to identify those children who are truly newly eligible, such as those whose parents were laid off in an economic downturn).
6. For all other children who do not represent populations described in Steps 2, 3, or 4, **total months of eligibility equals the total number of months included in the 18-month observation window.**
7. Determine summation of total number of eligible months for all children in eligible population.

Determine summation of total number of eligible months for all children in the eligible population.

*Numerator for Medicaid/M-CHIP Coverage PE = Months Covered*

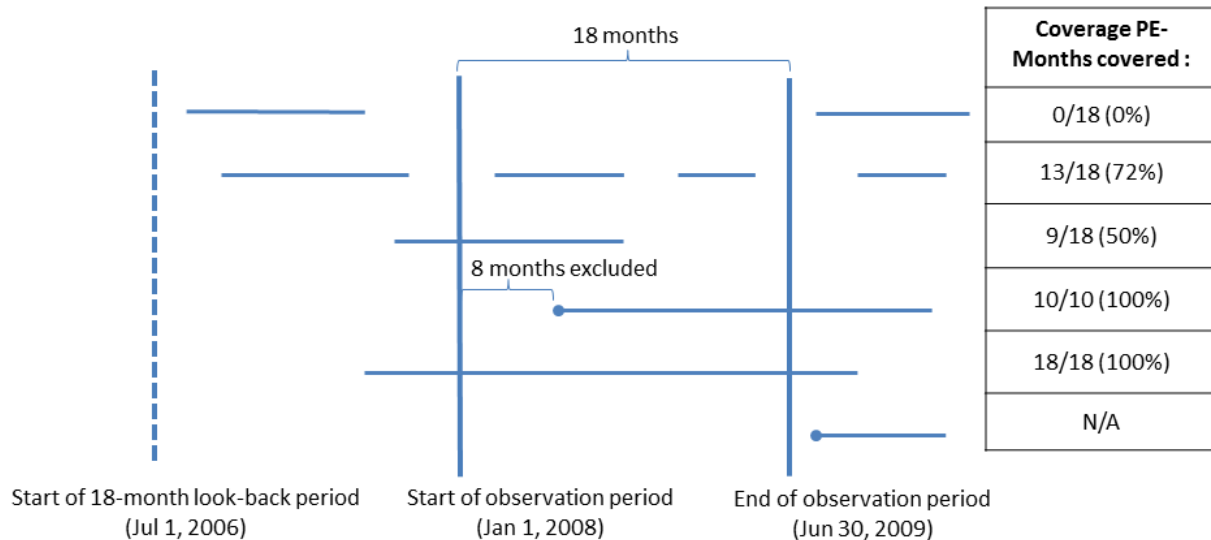
1. Identify total number of months covered by S-CHIP for each child in the eligible population. A month is considered “covered” if the child has greater than 14 days of enrollment in that month.

2. If data available (e.g. a state with a separate CHIP program reporting its CHIP enrollment to CMS), determine months when a child experiencing a gap in coverage by Medicaid or M-CHIP was covered by S-CHIP.
3. Determine summation of total number of months covered within the 18-month observation window for all children in the eligible population.

**Compute percentage of months covered within the 18-month observation window.**

*Units:* Report number and percentage.

**Coverage PE illustrated with six child examples:**



## IA: Frequency tables by age group

Coverage Presumed Eligible rates in 8 states, January 1, 2008-June 30, 2009.										
	All Children Age 0-18		Age <12 months		Ages 1-5		Ages 6-12		Ages 13-18	
	Metric	N	Metric	N	Metric	N	Metric	N	Metric	N
IL	0.8404 (0.8399,0.8409)	1,818,535	0.9261 (0.9253,0.9270)	277,825	0.8315 (0.8306,0.8324)	544,833	0.8248 (0.8239,0.8257)	613,523	0.8159 (0.8148,0.8171)	382,354
LA	0.7778 (0.7769,0.7787)	599,721	0.8528 (0.8513,0.8543)	146,105	0.7522 (0.7507,0.7538)	269,843	0.8317 (0.8304,0.8329)	286,068	0.8292 (0.8276,0.8307)	189,447
M T	0.7255 (0.7232,0.7278)	102,287	0.8569 (0.8527,0.8610)	16,166	0.6884 (0.6841,0.6927)	31,687	0.7161 (0.7120,0.7202)	33,581	0.6953 (0.6899,0.7007)	20,853
NC	0.8076 (0.8070,0.8082)	1,296,473	0.9207 (0.9198,0.9215)	209,978	0.7800 (0.7789,0.7811)	392,728	0.7942 (0.7932,0.7952)	428,733	0.7806 (0.7792,0.7819)	265,034
NH	0.7779 (0.7759,0.7800)	111,010	0.8872 (0.8834,0.8911)	15,231	0.7588 (0.7547,0.7928)	30,782	0.7742 (0.7707,0.7777)	39,003	0.7422 (0.7375,0.7468)	25,994
NY	0.7537 (0.7532,0.7542)	2,291,206	0.8856 (0.8848,0.8864)	358,070	0.6975 (0.6966,0.6985)	718,233	0.7411 (0.7402,0.7420)	719,950	0.7581 (0.7570,0.7592)	494,953
OR	0.6946 (0.6935,0.6958)	411,301	0.8429 (0.8410,0.8448)	67,804	0.6388 (0.6367,0.6409)	128,487	0.6819 (0.6798,0.6839)	134,092	0.6803 (0.6776,0.6830)	80,918
UT	0.6400 (0.6385,0.6415)	300,225	0.8207 (0.8183,0.8232)	55,656	0.5732 (0.5707,0.5758)	107,276	0.6242 (0.6215,0.6269)	91,801	0.6082 (0.9042,0.6121)	45,492

\*Note Coverage PE includes Medicaid, M-CHIP, and S-CHIP (when reported into MAX). Among the states above, New York alone does not report enrollment for all programs; NY S-CHIP is not reported.

**IB: Frequency tables by Medicaid/M-CHIP and S-CHIP program**

Coverage Presumed Eligible rates in 8 states stratified by public insurance program type, January 1, 2008-June 30, 2009.				
	Medicaid/M-CHIP		S-CHIP	
	Metric	N	Metric	N
IL	0.9321 (0.9318,0.9324)	1517403	0.7991 (0.7975,0.8007)	142621
LA	0.9324 (0.9320,0.9329)	773968	0.6933 (0.6748,0.7118)	1288
M T	0.8405 (0.8385,0.8424)	66188	0.8417 (0.8382,0.8452)	22080
NC	0.8959 (0.8955,0.8964)	1022882	0.8754 (0.8742,0.8766)	149161
NH	0.8735 (0.8719,0.8750)	89593	0.8528 (0.8476,0.8581)	9502
NY	0.8820 (0.8816,0.8823)	1957955		
OR	0.8108 (0.8099,0.8118)	292259	0.8209 (0.8188,0.8230)	59364
UT	0.7950 (0.7937,0.7963)	190482	0.7979 (0.7954,0.8004)	51013
*New York does not report NY S-CHIP into MAX.				