



**Commonwealth of Pennsylvania
Department of Human Services**

**Children's Health Insurance Program
Administrative Performance Measure Report**

FINAL REPORT

Completed on: February 7, 2017

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ADMINISTRATIVE PERFORMANCE MEASURES

In the 2016 reporting year, Pennsylvania Children's Health Insurance Program (CHIP) Contractors reported the following Pennsylvania (PA) specific Performance Measures covering services delivered prior to and including calendar year (CY) 2015:

- Annual Number of Asthma Patients With One or More Asthma Related ER Visits
- Dental Sealants for 6-9 Year Old Children at Elevated Caries Risk
- Developmental Screening in the First Three Years of Life
- Total Eligibles Who Received Preventive Dental Services

PA CHIP Health Plans Included in This Report

This report presents data collected from 10 health plans (Contractors) that provide health care benefits for PA CHIP enrollees:

- Aetna Health, Inc.
- Capital Blue Cross (CBC): Capital Blue Cross through Keystone Health Plan Central
- First Priority Health (NEPA): Highmark Inc. through First Priority Health
- Geisinger Health Plan (GHP)
- Highmark HMO: Highmark Inc. through Highmark Blue Cross Blue Shield
- Highmark PPO: Highmark Inc. through Highmark Blue Shield
- Independence Blue Cross (IBC)
- Health Partners (HPHP): Health Partners of Philadelphia, Inc
- UnitedHealthcare Community Plan (UHC)
- UPMC for Kids (UPMC): UPMC Health Plan

Methodology

Data included in this report are drawn from PA specific performance measure data consisting of claims/encounter data collected using administrative data collection methodology. For each performance measure, a measure description is provided along with narrative analyses, comparison tables and charts. Comparisons are made between Contractors, with prior year's data and to Pennsylvania Medicaid Managed Care (PA MMC) benchmarks when available.

For each measure, the PA CHIP program average and weighted average is presented along with the PA MMC weighted average. The weighted average is calculated by dividing the sum of the total numerators by the sum of the total denominators. The average is calculated by dividing the sum of Contractor rates by the number of Contractors. Rates are not presented in instances where less than 30 members received a service, due to the variability associated with small denominators, which prevents direct comparisons.



ANNUAL NUMBER OF ASTHMA PATIENTS WITH ONE OR MORE ASTHMA RELATED EMERGENCY DEPARTMENT VISITS

This performance measure assesses the percentage of children and adolescents two years of age through nineteen years of age, with an asthma diagnosis, who had ≥ 1 asthma-related emergency department (ED) visits during calendar year 2015. This measure is an inverted measure with lower rates indicating better performance.

For the 2016 performance measure, 9,529 PA CHIP members were identified as children or adolescents with an asthma diagnosis. Of those total members identified with an asthma diagnosis, 782 members had one or more asthma related ED visits during 2015 (weighted average = 8.2%). The 2016 PA CHIP ASM-ED weighted average at 8.2% was 1.3 percentage points below the 2015 weighted average of 9.5%. Across the 10 PA CHIP contractors with reportable rates, asthma ED visit rates ranged from a low of 3.3% to a high of 14.0%.

Table 1: Annual Number of Asthma Patients with One or More Asthma Related ED Visits

	Numerator	Denominator	2016 Rate
Aetna	61	716	8.5%
CBC	39	1,170	3.3%
NEPA	13	307	4.2%
Geisinger	35	698	5.0%
Highmark HMO	40	692	5.8%
Highmark PPO	31	795	3.9%
Health Partners	97	816	11.9%
IBC	103	919	11.2%
United	230	2,467	9.3%
UPMC	133	949	14.0%
PA CHIP Average			7.7%
PA CHIP Weighted Average	782	9529	8.2%
PA MMC Weighted Average ¹			NA

¹Annual Number of Asthma Patients was discontinued for Medicaid beginning in 2016



Figure 1: Annual Number of Asthma Patients with One or More Asthma Related Emergency Department Visits: 2015 versus 2016

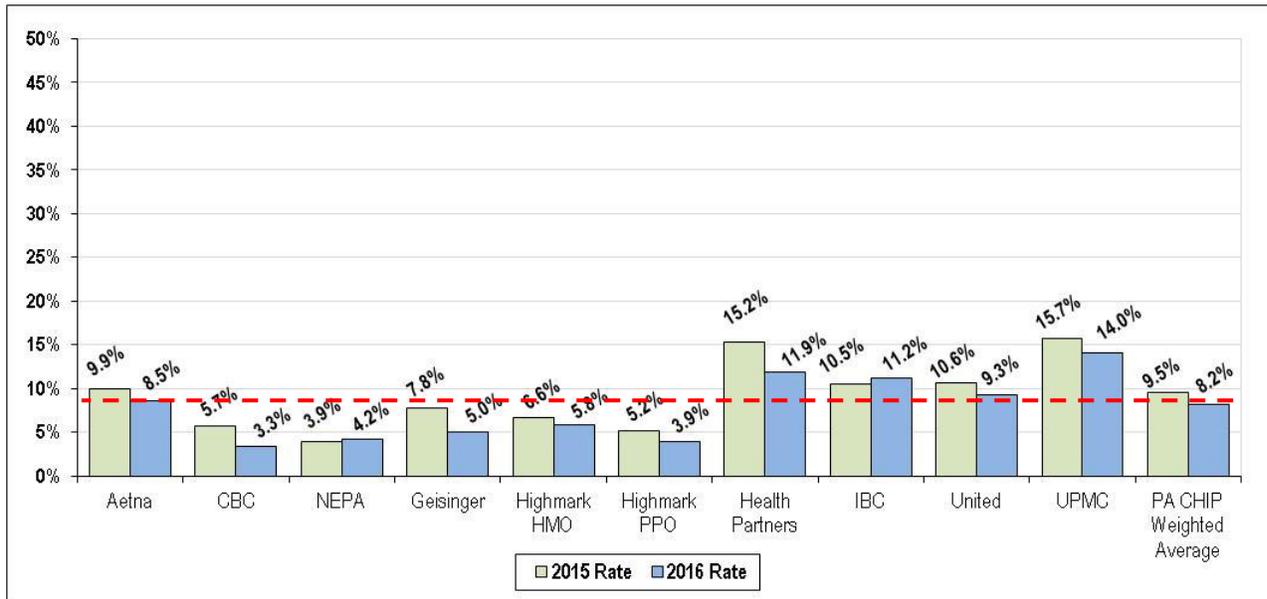
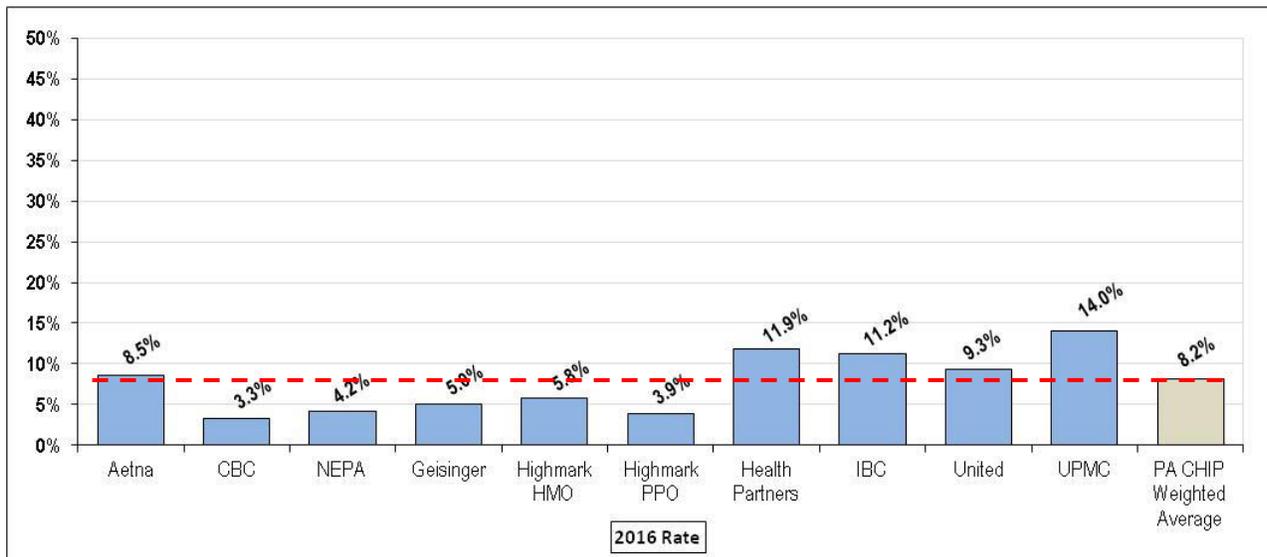


Figure 2: Annual Number of Asthma Patients with One or More Asthma Related Emergency Department Visits 2016





DEVELOPMENTAL SCREENING IN THE FIRST THREE YEARS OF LIFE

This performance measure assesses the percentage of children screened for risk of developmental, behavioral, and social delays using a standardized screening tool in the twelve months preceding their first, second, or third birthday.

Developmental Screening: Total Rate

For the 2016 performance measure, 4,992 PA CHIP members were identified as eligible for a developmental screening. Of the eligible members, 2,022 members received a developmental screening (weighted average = 40.5%). The 2016 PA CHIP weighted average of 40.5% was 1.6 percentage points above the 2015 PA CHIP weighted average of 38.9%. Screening rates ranged from a low of 29.7% to a high of 63.9% for the 10 contractors with reportable rates.

Table 2: Developmental Screening - Total Rate

	Numerator	Denominator	2016 Rate
Aetna	211	330	63.9%
CBC	149	501	29.7%
NEPA	41	122	33.6%
Geisinger	192	511	37.6%
Highmark HMO	62	191	32.5%
Highmark PPO	85	247	34.4%
Health Partners	72	145	49.7%
IBC	312	824	37.9%
United	551	1181	46.7%
UPMC	347	940	36.9%
PA CHIP Average			40.3%
PA CHIP Weighted Average	2,022	4,992	40.5%
PA MMC Weighted Average			51.3%

Figure 3: Developmental Screening - Total Rate: 2015 versus 2016

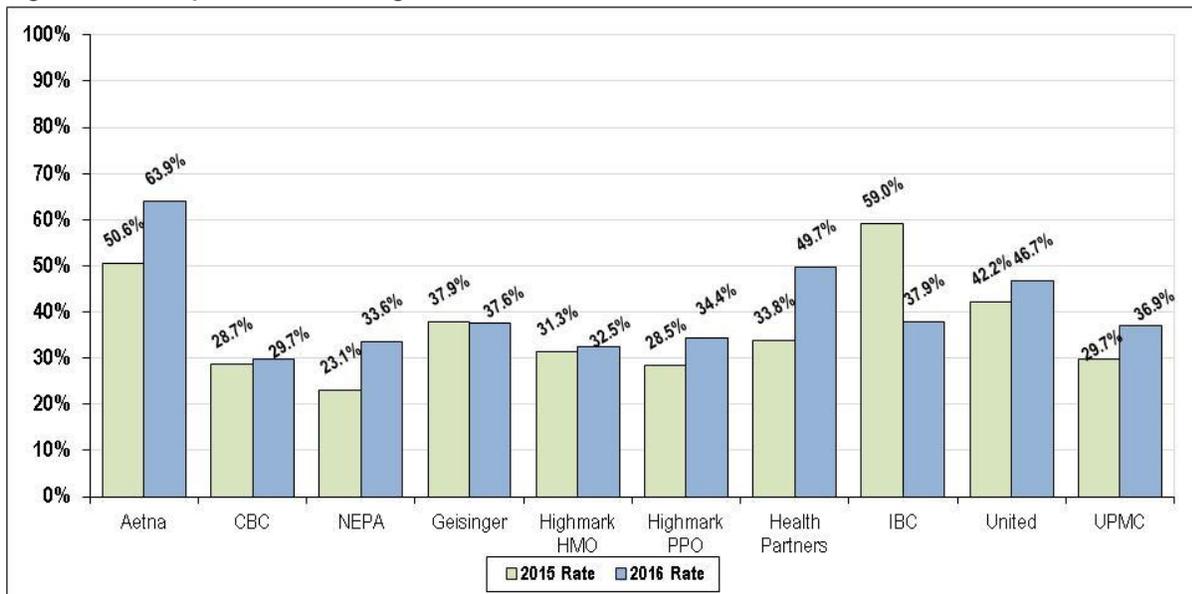




Figure 4: Developmental Screening - Total Rate

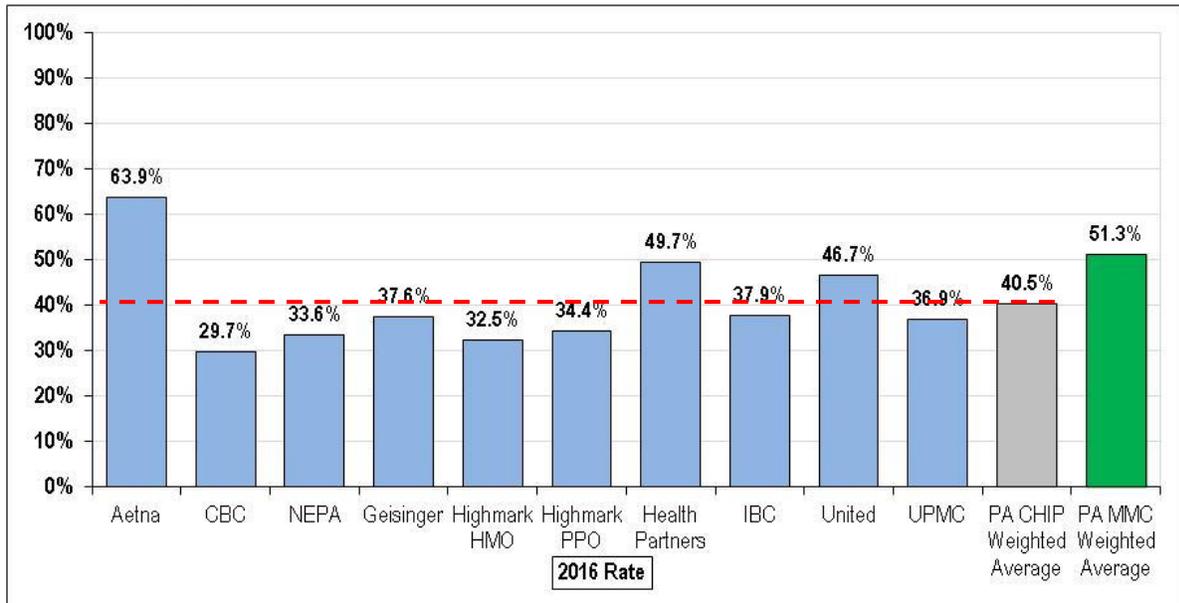


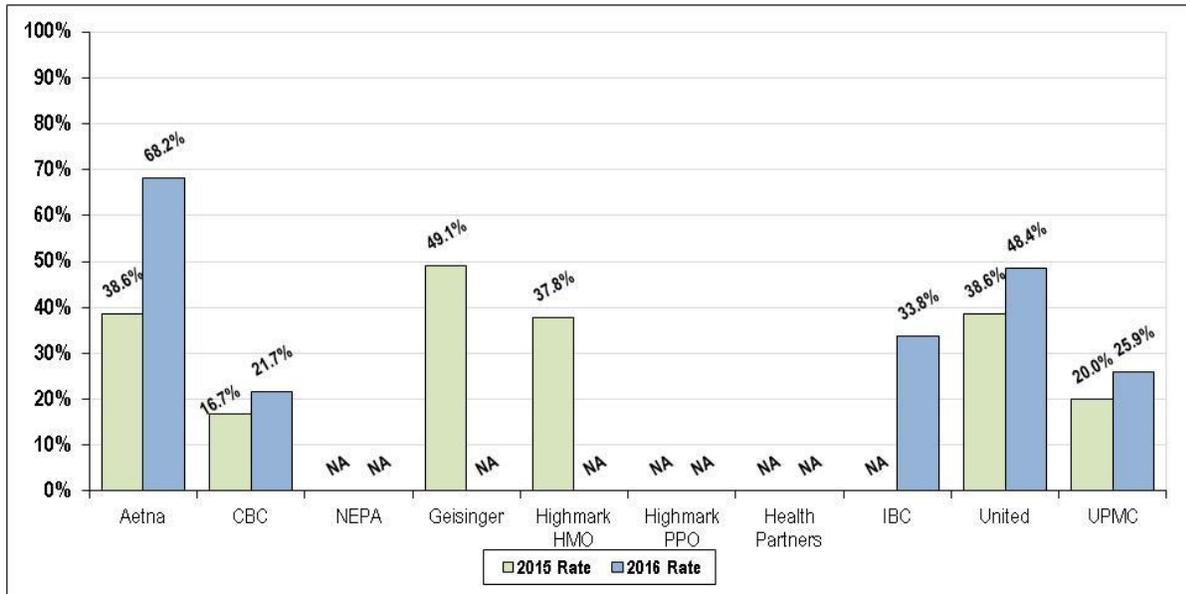
Table 3: Developmental Screening - 1 year old

	Numerator	Denominator	2016 Rate
Aetna	30	44	68.2%
CBC	13	60	21.7%
NEPA	1	13	NA
Geisinger	2	12	NA
Highmark HMO	2	18	NA
Highmark PPO	4	28	NA
Health Partners	2	5	NA
IBC	25	74	33.8%
United	62	128	48.4%
UPMC	21	81	25.9%
PA CHIP Average			39.6%
PA CHIP Weighted Average	162	463	35.0%
PA MMC Weighted Average			46.8%

* NA = Fewer than 30 members received the service (small denominator).

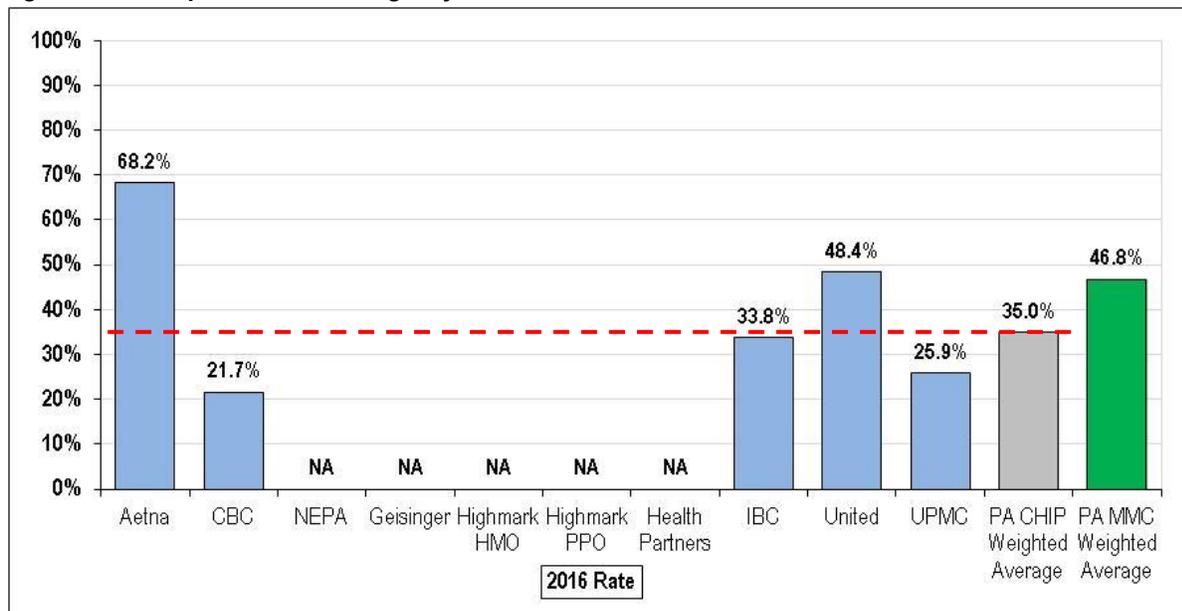


Figure 5: Developmental Screening - 1 year old 2015 versus 2016



* NA = Fewer than 30 members received the service (small denominator).

Figure 6: Developmental Screening - 1 year old



* NA = Fewer than 30 members received the service (small denominator).



Table 4: Developmental Screening - 2 years old

	Numerator	Denominator	2016 Rate
Aetna	78	121	64.5%
CBC	55	153	35.9%
NEPA	15	41	36.6%
Geisinger	91	225	40.4%
Highmark HMO	32	84	38.1%
Highmark PPO	34	88	38.6%
Health Partners	26	45	57.8%
IBC	158	312	50.6%
United	220	420	52.4%
UPMC	138	335	41.2%
PA CHIP Average			45.6%
PA CHIP Weighted Average	847	1,824	46.4%
PA MMC Weighted Average			54.6%

Figure 7: Developmental Screening - 2 year old 2015 versus 2016

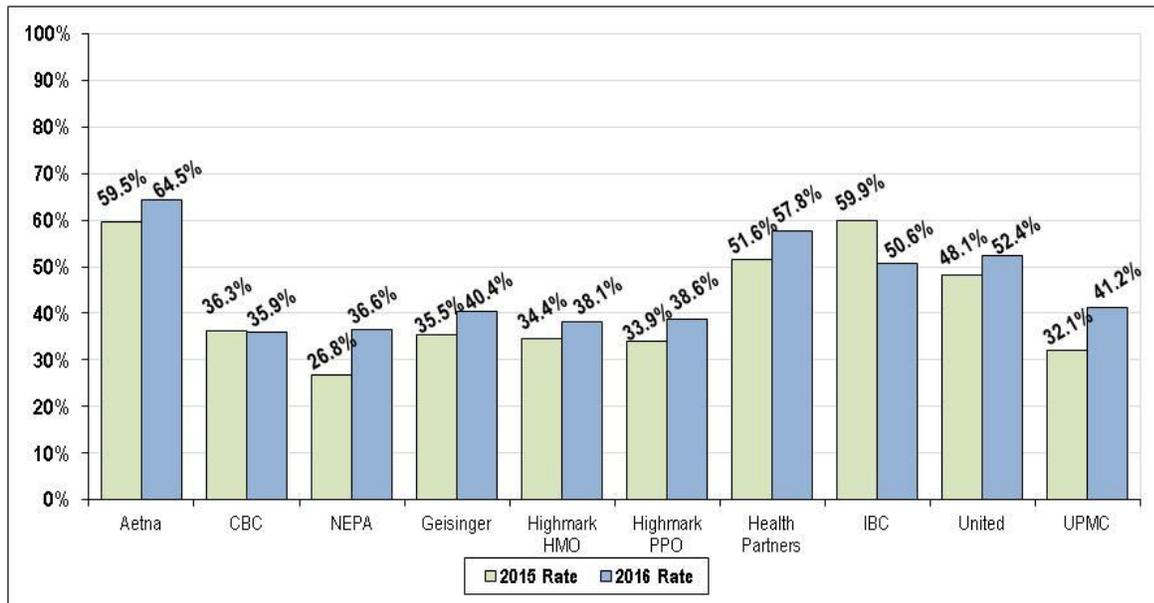




Figure 8: Developmental Screening - 2 year old

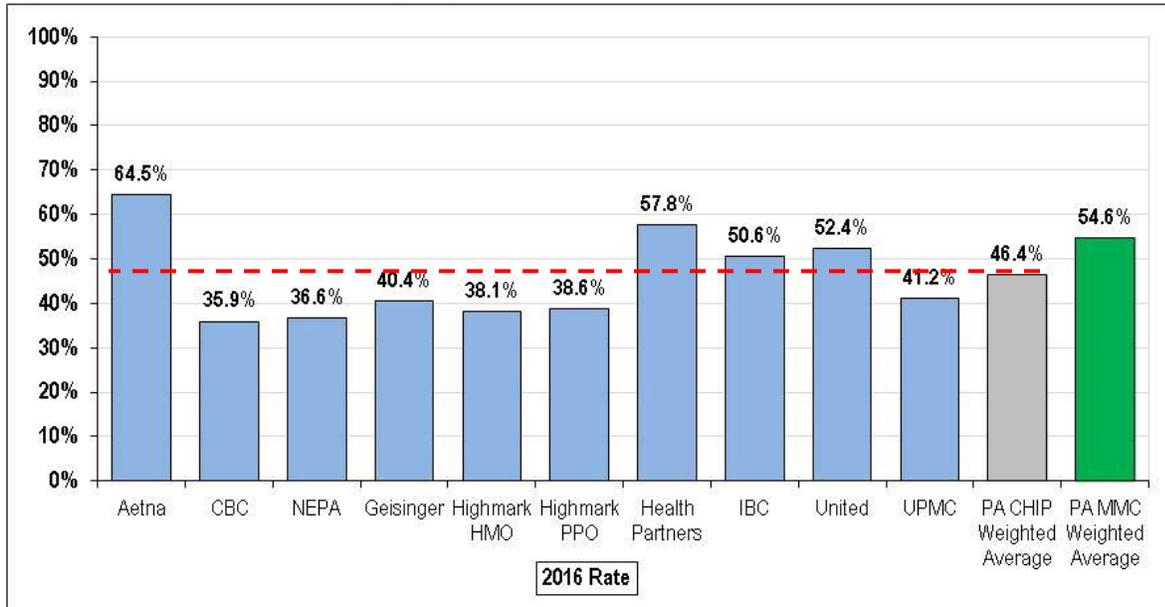


Table 5: Developmental Screening - 3 years old

	Numerator	Denominator	2016 Rate
Aetna	103	165	62.4%
CBC	81	288	28.1%
NEPA	25	68	36.8%
Geisinger	99	274	36.1%
Highmark HMO	28	89	31.5%
Highmark PPO	47	131	35.9%
Health Partners	44	95	46.3%
IBC	129	438	29.5%
United	269	633	42.5%
UPMC	188	524	35.9%
PA CHIP Average			38.5%
PA CHIP Weighted Average	1,013	2,705	37.4%
PA MMC Weighted Average			52.6%



Figure 9: Developmental Screening - 3 year old 2015 versus 2016

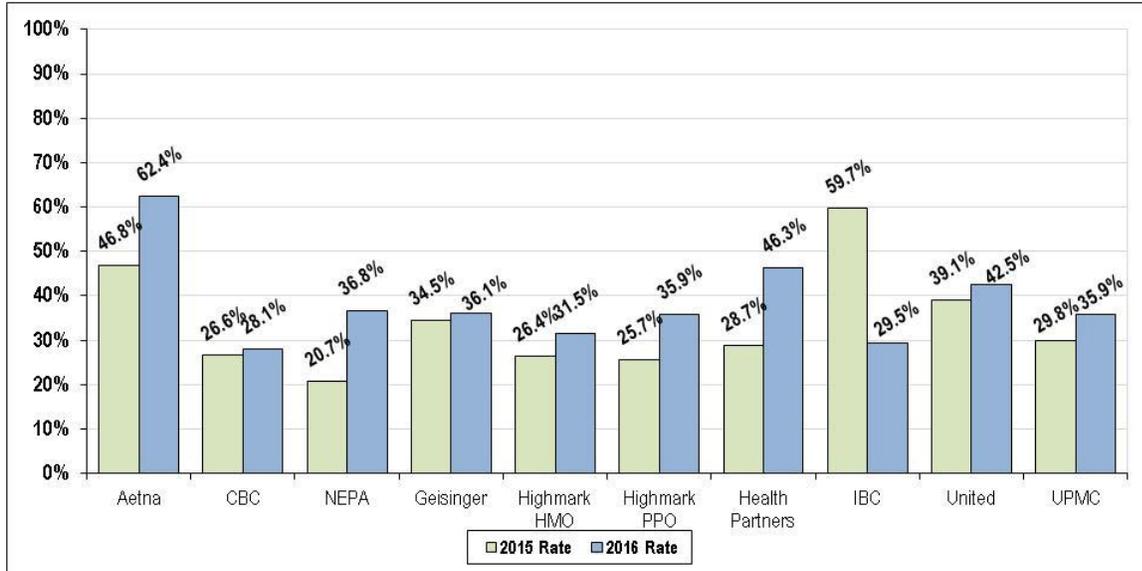
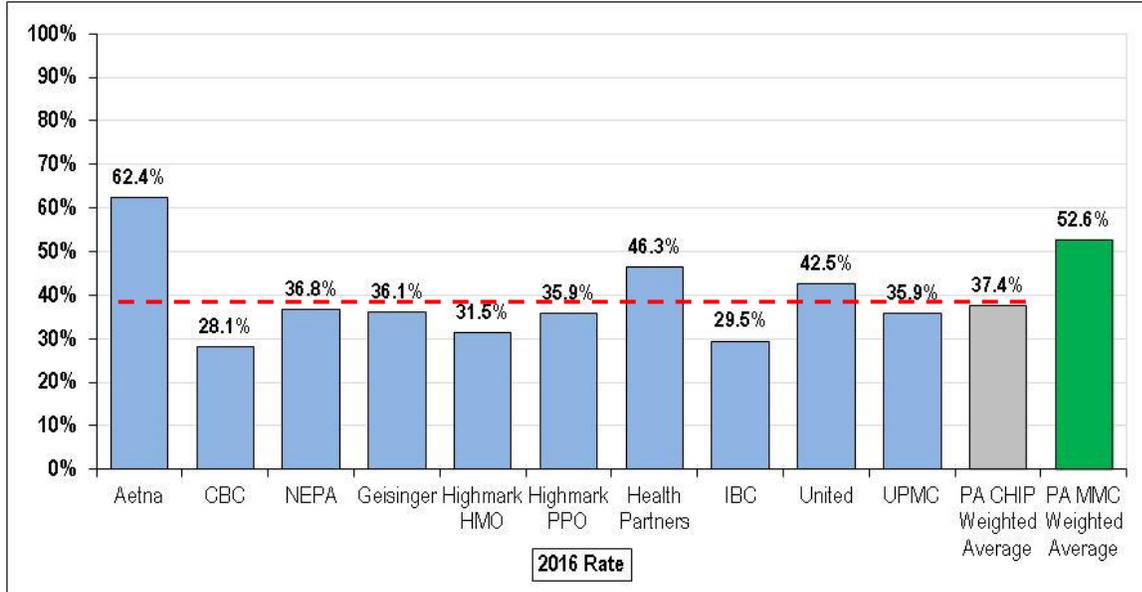


Figure 10: Developmental Screening - 3 year old





TOTAL ELIGIBLES WHO RECEIVED PREVENTIVE DENTAL SERVICES

This performance measure assesses the total number of eligible and enrolled children ages one through twenty years of age who received preventive dental services during the measurement year 2015.

For the 2016 performance measure, 183,216 PA CHIP members were identified as eligible to receive preventive dental services in 2015. Of these eligible members, 97,837 received preventive dental services during 2015 (weighted average = 53.4%). The 2016 PA CHIP weighted average of 53.4% was 5.4 percentage points above the 2015 PA CHIP weighted average of 48.0%. Preventive Dental Services rates ranged from a low of 33.8% to a high of 67.6% for the 10 contractors with reportable rates.

Table 6: Total Eligibles who Received Dental Treatment Services

	Numerator	Denominator	2016 Rate
Aetna	6,156	10,590	58.1%
CBC	11,274	18,663	60.4%
NEPA	2,422	7,172	33.8%
Geisinger	5,118	10,929	46.8%
Highmark HMO	8,425	12,455	67.6%
Highmark PPO	7,276	10,787	67.5%
Health Partners	5,829	12,614	46.2%
IBC	16,226	25,065	64.7%
United	18,874	42,043	44.9%
UPMC	16,237	32,898	49.4%
PA CHIP Average			53.9%
PA CHIP Weighted Average	97,837	183,216	53.4%

Figure 11: Total Eligibles who Received Dental Treatment Services: 2015 versus 2016

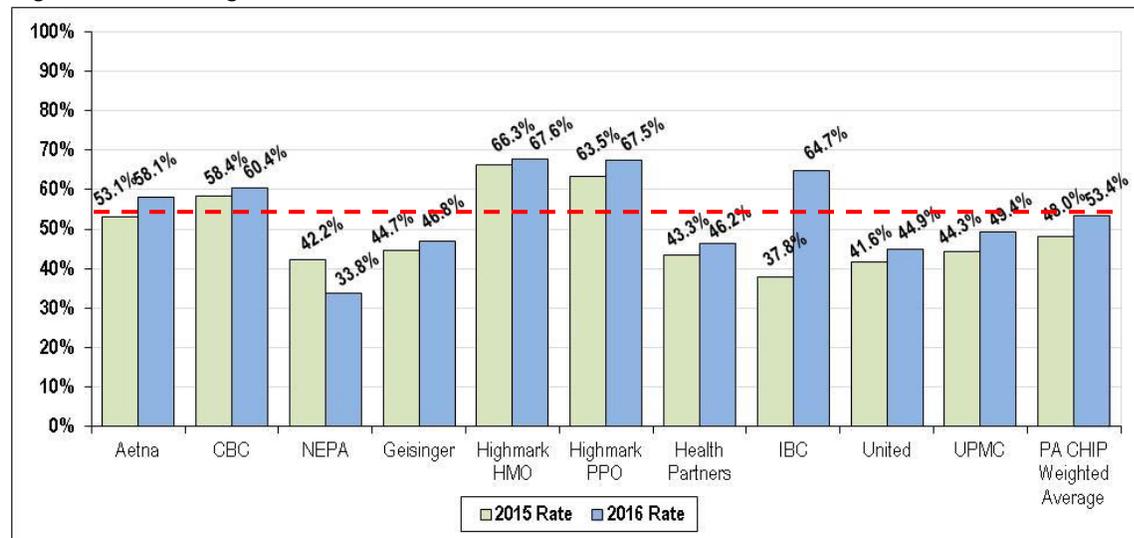
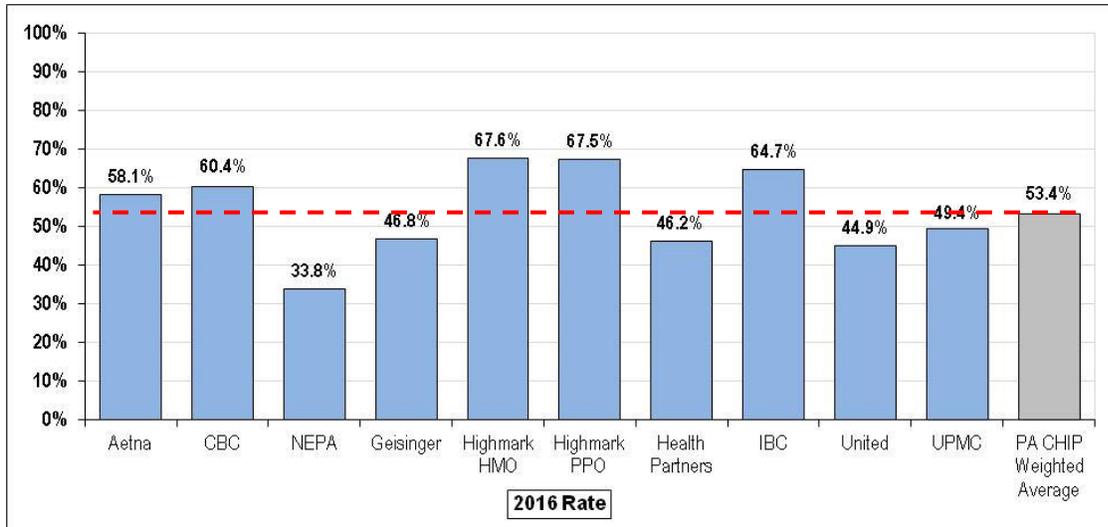




Figure 12: Total Eligibles who Received Dental Treatment Services





DENTAL SEALANTS IN 6-9 YEAR OLD CHILDREN AT ELEVATED CARIES RISK

This performance measure assesses the percentage of enrolled children ages six to nine years at elevated risk of dental caries from 2012 through 2015, and who received a sealant on a permanent first molar tooth within measurement year 2015.

This measure is a new CMS Core measure for 2016, collected for the first time for both Medicaid and CHIP plans as a replacement for the Dental Sealants for Children measure, which has been retired. CMS has provided guidance to States to calculate this new measure using all applicable data across the state, including examining data across the plans during the three year look back period to identify members at elevated risk. Once those at elevated risk are identified, it is recommended that all applicable Medicaid and CHIP data available be used to create an enhanced rate. Sections I and II below outline the rates that were contractor reported (I), as well as the previously outlined enhanced rates (II).

I. CONTRACTOR REPORTED RATES

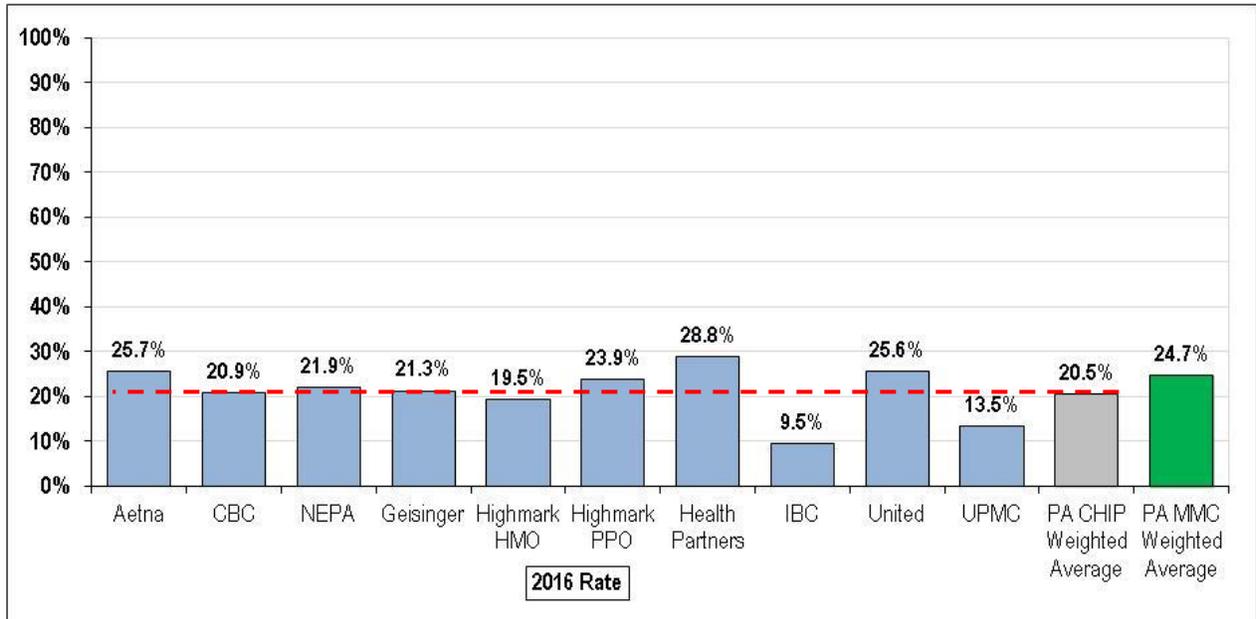
For the 2016 performance measure, 13,075 PA CHIP members, age six to nine years as of December 31, 2015, were identified as being at moderate or high risk for dental caries. Of these eligible members, 2,686 were at elevated risk for dental caries and received a sealant on a permanent first molar tooth as a dental service (weighted average = 20.5%). Sealant rates ranged from a low of 9.5% to a high of 28.8% for the 10 contractors with reportable rates.

Table 7: Dental Sealants for Children: Contractor Reported Rates

	Numerator	Denominator	2016 Rate
Aetna	243	947	25.7%
CBC	313	1495	20.9%
NEPA	136	621	21.9%
Geisinger	169	794	21.3%
Highmark HMO	172	884	19.5%
Highmark PPO	224	939	23.9%
Health Partners	217	754	28.8%
IBC	141	1482	9.5%
United	793	3093	25.6%
UPMC	278	2066	13.5%
PA CHIP Average			21.0%
PA CHIP Weighted Average	2,686	13,075	20.5%
PA MMC Weighted Average			24.7%



Figure 13: Dental Sealants for Children: Contractor Reported Rates



II. ENHANCED REPORTED RATES

For the 2016 performance measure, 13,627 PA CHIP members, age six to nine years as of December 31, 2015, were identified as being at moderate or high risk for dental caries. Of these eligible members, 2,689 were at elevated risk for dental caries and received a sealant on a permanent first molar tooth as a dental service (weighted average = 19.7%). Sealant rates ranged from a low of 9.5% to a high of 27.4% for the 10 contractors with reportable rates.

Table 8: Dental Sealants for Children: Enhanced Reported Rates

	Numerator	Denominator	2016 Rate
Aetna	244	956	25.5%
CBC	313	1495	20.9%
NEPA	136	628	21.7%
Geisinger	169	897	18.8%
Highmark HMO	172	888	19.4%
Highmark PPO	224	942	23.8%
Health Partners	217	791	27.4%
IBC	141	1488	9.5%
United	795	3476	22.9%
UPMC	279	2088	13.4%
PA CHIP Average			20.3%
PA CHIP Weighted Average	2,689	13,627	19.7%
PA MMC Weighted Average			19.3%



Figure 14: Dental Sealants for Children: Enhanced Reported Rates

