

Department of Health Care Services
Medi-Cal Dental Performance Measures Report
Calendar Year 2014, Fee-For-Service

Background

Welfare and Institutions Code Section 14132.915 requires the Department of Health Care Services (DHCS) to post data for dental fee-for-service performance measures commencing October 1, 2014, for the 2013 calendar year (CY) and annually on or before October 1 for each preceding calendar year thereafter. The following report represents fee-for-service performance for the 2014 CY. It is important to note the following when reviewing the data presented in this report:

- To align with the federal Centers for Medicaid and Medicare Services (CMS) reporting requirements, for the 2014 performance measure reporting period DHCS has transitioned from the Healthcare Effectiveness Data and Information Set (HEDIS)-like to 90 days continuous eligibility in the same plan. HEDIS-like means 11 of 12 months eligibility in the fee-for-service delivery system with no more than a one month gap. This alignment will assist DHCS and the public in assessing Medi-Cal Dental utilization against utilization in other states, as represented through the CMS-416 report. This change in methodology takes effect with the 2014 performance measure report and accounts for the significant difference in utilization between calendar year 2013 and calendar year 2014 reports. As the 90 days continuous eligibility parameter results in a significantly larger number of eligibles in the denominator without a corresponding increase in users, utilization figures for 2014 appear lower than when reported using HEDIS-like criteria for 2013. For example, in the 2013 performance measure report we saw a utilization rate of 32.3% (193,192 users/604,000 eligibles) for the Annual Dental Visit performance measure among 0-3 year olds using HEDIS-like reporting. In the 2014 report, utilization for this measure and age group is 23.4% (235,935 users/1,010,019 eligibles) based on 90 days continuous eligibility reporting. While the numerator/number of users does not vary significantly between years, the denominator/number of eligibles is much greater when using the 90 day continuous eligibility reporting methodology.
- Effective May 1, 2014, certain adult dental benefits were restored in accordance with Assembly Bill 82 (Statutes of 2013). As such, 2014 adult utilization figures reflect a partial year of availability for most dental services.
- The Overall Utilization of Dental Services, Continuity of Care, and Usual Source of Care performance measures draw from data spanning multiple CYs.
 - Continuity of Care and Usual Source of Care measures draw from CYs 2013 and 2014 and were not represented in the 2013 Performance Measures Report.
 - Overall Utilization of Dental Services is presented independently for 2014 CY and as a roll up of 2013 and 2014 CYs.

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Fee-For-Service - Statewide - Calendar Year 2014

Welfare and Institutions Code 14132.915 requires the Department of Health Care Services (DHCS) to post data for the dental Fee-For-Service (FFS) performance measures on an annual basis on or before October 1st for each preceding calendar year. The table below provides a description of each performance measure and, if appropriate, aggregate numbers, percentages and age groupings for children. **Please note, for the 2014 performance measure reporting period DHCS has transitioned from the HEDIS-like* to 90 days continuous eligibility. This change in methodology accounts for the significant difference in utilization between calendar year 2013 and calendar year 2014 reports.**

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Annual Dental Visits										
<p>Percentage of members who had at least one (1) dental visit during the measurement period.</p> <p>Numerator: Number of members with 90 days continuous eligibility in the FFS delivery system who received any dental procedure (D0100-D999) during the measurement period.</p> <p>Denominator: Number of members with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20	21 and Above
	Numerator	235,935	307,930	499,350	419,228	346,313	372,419	102,807	2,283,982	1,204,584
	Denominator	1,010,019	521,465	813,937	727,316	673,352	853,341	364,385	4,963,815	5,540,589
	Percentage	23.4%	59.1%	61.3%	57.6%	51.4%	43.6%	28.2%	46.0%	21.7%
Use of Preventive Services										
<p>Percentage of members who received any preventive dental service during the measurement period.</p> <p>Numerator: Number of members with 90 days continuous eligibility in the FFS delivery system who received any preventive dental service (D1000-D1999) during the measurement period.</p> <p>Denominator: Number of members with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20	21 and Above
	Numerator	164,676	250,333	418,944	352,635	288,075	296,623	76,539	1,847,825	519,040
	Denominator	1,010,019	521,465	813,937	727,316	673,352	853,341	364,385	4,963,815	5,540,589
	Percentage	16.3%	48.0%	51.5%	48.5%	42.8%	34.8%	21.0%	37.2%	9.4%
Use of Sealants										
<p>Percentage of members ages 6-9 and 10-14 with 90 days continuous eligibility in the FFS delivery system who received a dental sealant on at least one permanent molar during the measurement period.</p> <p>Numerator: 1.) Number of members ages 6-9 with 90 days continuous eligibility in the FFS delivery system who received a dental sealant (D1351) on a permanent first molar (tooth number = 3, 14, 19, 30) during the measurement period. 2) Number of members ages 10-14 with 90 days continuous eligibility in the FFS delivery system who received a dental sealant (D1351) on a permanent second molar (tooth number = 2,15,18,31) during the measurement period.</p> <p>Denominator: Number of members with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p>	Age Group	6-9	10-14							
	Numerator	187,760	108,595							
	Denominator	1,064,939	1,149,666							
	Percentage	17.6%	9.4%							
Sealant to Restoration Ratio (Surfaces)										
<p>The ratio of occlusal surfaces of permanent first and second molars receiving dental sealants to those receiving restoration among members ages 6-9 and 10-14 with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p> <p>Numerator: Number of occlusal surfaces of permanent first molars (tooth number = 3, 14, 19, 30) in 6-9 and 10-14 year olds of permanent second molars (tooth number = 2, 15, 18, 31) in 10-14 year olds receiving dental sealant (D1351) among members in those age groups with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p> <p>Denominator: Number of occlusal surfaces of permanent first molars (tooth number - 3, 14, 19, 30) in 6-9 and 10-14 year olds and of permanent second molars (tooth number 2, 15, 18, 31) in 10-14 year olds receiving a restoration (D2000-D2999) among members in those age groups with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p>	Age Group	6-9	10-14							
	Numerator	201,144	224,180							
	Denominator	88,341	216,145							
	Ratio	2.27 : 1	1.03 : 1							
Treatment/Prevention of Caries										
<p>Percentage of members who received either treatment for caries or a caries-preventive procedure during the measurement period.</p> <p>Numerator: Number of members with 90 days continuous eligibility in the FFS delivery system who received a treatment for caries (D2000-D2999) or a caries-preventive procedure (D1203-D1206, D1310, D1330, D1351) during the measurement period.</p> <p>Denominator: Number of members with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20	21 and Above
	Numerator	159,982	247,955	414,893	345,876	279,510	282,338	70,079	1,800,633	452,264
	Denominator	1,010,019	521,465	813,937	727,316	673,352	853,341	364,385	4,963,815	5,540,589
	Percentage	15.8%	47.5%	51.0%	47.6%	41.5%	33.1%	19.2%	36.3%	8.2%

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Fee-For-Service - Statewide - Calendar Year 2014

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Exams/Oral Health Evaluations									
<p>The percentage of members who received a comprehensive or periodic oral health evaluation or, for members under 3 years of age, who received an oral evaluation and counseling with the primary care giver during the measurement period.</p> <p>Numerator: Number of members with 90 days continuous eligibility in the FFS delivery system who received a comprehensive or period exam (D0120 or D0150) or, for members under three (3) years of age, who received an oral evaluation and counseling with the primary caregiver (D0145) during the measurement period.</p> <p>Denominator: Number of members with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20
	Numerator	93,197	257,330	422,089	355,074	291,517	308,458	83,854	1,811,519
	Denominator	1,010,019	521,465	813,937	727,316	673,352	853,341	364,385	4,963,815
	Percentage	9.2%	49.3%	51.9%	48.8%	43.3%	36.1%	23.0%	36.5%
Use of Dental Treatment Services									
<p>Percentage of members who received any dental treatment service during the measurement period.</p> <p>Numerator: Number of members with 90 days continuous eligibility in the FFS delivery system who received any dental treatment service (D2000-D9999) during the measurement period.</p> <p>Denominator: Number of members with 90 days continuous eligibility in the FFS delivery system during the measurement period.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20
	Numerator	50,768	130,593	254,359	198,085	151,092	174,982	50,677	1,010,556
	Denominator	1,010,019	521,465	813,937	727,316	673,352	853,341	364,385	4,963,815
	Percentage	5.0%	25.0%	31.3%	27.2%	22.4%	20.5%	13.9%	20.4%
Preventive Services to Fillings									
<p>Percentage of members who received one (1) or more fillings in the measurement period who also received preventive services (topical fluoride application, sealant, preventive resin restoration, education) during the measurement period.</p> <p>Numerator: Number of members with 90 days continuous eligibility in the FFS delivery system who received one (1) or more fillings (D200-D2999) in the measurement period and who also received one (1) or more topical fluoride applications (D1203, D1204, or D1206), dental sealants (D1351), preventive resin restorations (D1352) or education to prevent caries (D1310 or D1330) during the measurement period.</p> <p>Denominator: Number of members with 90 days continuous eligibility in the FFS delivery system who received one (1) or more fillings (D2000-D2999) in the measurement period.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20
	Numerator	28,202	82,373	163,329	109,291	86,979	85,143	17,682	572,999
	Denominator	44,437	118,660	204,657	144,852	116,372	138,255	36,989	804,222
	Percentage	63.5%	69.4%	79.8%	75.5%	74.7%	61.6%	47.8%	71.2%
Overall Utilization of Dental Services - Year 1 ¹									
<p>Percentage of members continuously enrolled in the FFS delivery system for one (1), two (2) and three (3) years with no break in eligibility who received any dental service during those measurement periods.</p> <p>Numerator: Number of members continuously enrolled in the FFS delivery system for the measurement period with no break in eligibility who received any dental service (D0100-D9999) during the measurement period.</p> <p>Denominator: Number of members continuously enrolled in the FFS delivery system during the measurement period.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20
	Numerator	159,059	229,545	382,472	326,270	271,775	290,471	68,779	1,728,371
	Denominator	636,785	414,976	654,700	587,319	538,315	656,386	215,819	3,704,300
	Percentage	25.0%	55.3%	58.4%	55.6%	50.5%	44.3%	31.9%	46.7%
Overall Utilization of Dental Services - Year 1 and 2 ²									
<p>Percentage of members continuously enrolled in the FFS delivery system for one (1), two (2) and three (3) years with no break in eligibility who received any dental service during those periods.</p> <p>Numerator: Number of members continuously enrolled in the FFS delivery system for the measurement period with no break in eligibility who received any dental service (D0100-D9999) during that period.</p> <p>Denominator: Number of members continuously enrolled in the FFS delivery system during the measurement period.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20
	Numerator	127,902	208,973	363,744	305,411	258,603	281,325	74,296	1,620,254
	Denominator	327,828	307,001	487,445	425,772	384,846	454,468	140,853	2,528,213
	Percentage	39.0%	68.1%	74.6%	71.7%	67.2%	61.9%	52.7%	64.1%

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Continuity of Care									
<p>The percentage of beneficiaries under 21 years of age continuously enrolled for two (2) years with no gap in coverage who received a comprehensive oral evaluation or a prophylaxis in both the year prior to the measurement year and in the measurement year.</p> <p>Numerator: Number of Medi-Cal eligible beneficiaries in the denominator who also received a comprehensive oral evaluation (D0120, D0150), or a prophylaxis (D1110, D1120) during the measurement year.</p> <p>Denominator: Number of Medi-Cal eligible beneficiaries continuously enrolled for two (2) years with no gap in coverage who received a comprehensive oral evaluation (D0120, D0150), or a prophylaxis (D1110, D1120) in the year prior to the measurement year.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20
	Numerator	45,745	118,701	228,817	189,415	148,844	141,046	29,984	902,552
	Denominator	60,905	151,413	298,546	249,387	205,806	213,465	55,683	1,235,205
	Percentage	75.1%	78.4%	76.6%	76.0%	72.3%	66.1%	53.8%	73.1%
Usual Source of Care									
<p>The percentage of beneficiaries under 21 years of age who received any dental service each year for two (2) consecutive years.</p> <p>Numerator: Number of members continuously enrolled in the FFS delivery system for two (2) consecutive years with no gap in coverage who received at least one (1) dental service in each of those years.</p> <p>Denominator: Number of Medi-Cal eligible beneficiaries continuously enrolled in the FFS delivery system for two (2) consecutive years with no gap in coverage.</p>	Age Group	0-3	4-5	6-8	9-11	12-14	15-18	19-20	0-20
	Numerator	65,025	148,429	278,117	226,703	178,658	174,441	37,736	1,109,109
	Denominator	327,828	307,001	487,445	425,772	384,846	454,468	140,853	2,528,213
	Percentage	19.8%	48.3%	57.1%	53.2%	46.4%	38.4%	26.8%	43.9%

Data Updated as of September 24, 2015

¹ Overall Utilization of Dental Services for 2014

² Overall Utilization of Dental Services for 2014 and 2013