

Exhibit HH - Forecast Model Comparisons - Final Forecasts							
Adjustment Factors for Forecasted Rates							
Model	Adults 65 and Older (OAP-A)	Disabled Individuals	Low Income Adults <sup>(1)</sup>	Expansion Adults	MAGI Adults	Eligible Children	Foster Care
<b>FY 2015-16 Q1/Q2 Rate</b>							
<b>Weighted Capitation Point Estimate</b>	<b>\$15.21</b>	<b>\$127.95</b>	<b>\$25.18</b>	<b>\$20.44</b>	<b>\$58.91</b>	<b>\$19.46</b>	<b>\$172.02</b>
Retroactivity Adjustment Multiplier (Exhibit FF)	-2.52%	0.55%	1.74%	1.74%	4.19%	1.30%	1.88%
Partial Month Adjustment Multiplier (Exhibit FF)	-0.51%	-0.18%	-0.27%	-0.27%	-0.16%	-0.22%	-0.39%
<b>Final Adjustment Factor <sup>(2)</sup></b>	<b>-3.02%</b>	<b>0.37%</b>	<b>1.47%</b>	<b>1.47%</b>	<b>4.02%</b>	<b>1.08%</b>	<b>1.48%</b>
<b>FY 2015-16 Final Estimated Paid Q1/Q2 Rate <sup>(3)</sup></b>	<b>\$14.75</b>	<b>\$128.42</b>	<b>\$25.55</b>	<b>\$20.74</b>	<b>\$61.28</b>	<b>\$19.67</b>	<b>\$174.57</b>
<b>FY 2015-16 Estimated Q3/Q4 Rate</b>							
<b>Weighted Capitation Point Estimate</b>	<b>\$15.39</b>	<b>\$137.38</b>	<b>\$25.76</b>	<b>\$20.91</b>	<b>\$60.26</b>	<b>\$19.91</b>	<b>\$191.72</b>
Retroactivity Adjustment Multiplier (Exhibit FF)	-2.52%	0.55%	1.74%	1.74%	4.19%	1.30%	1.88%
Partial Month Adjustment Multiplier (Exhibit FF)	-0.51%	-0.18%	-0.27%	-0.27%	-0.16%	-0.22%	-0.39%
<b>Final Adjustment Factor <sup>(2)</sup></b>	<b>-3.02%</b>	<b>0.37%</b>	<b>1.47%</b>	<b>1.47%</b>	<b>4.02%</b>	<b>1.08%</b>	<b>1.48%</b>
<b>FY 2015-16 Final Estimated Q3/Q4 Rate <sup>(3)</sup></b>	<b>\$14.93</b>	<b>\$137.89</b>	<b>\$26.14</b>	<b>\$21.22</b>	<b>\$62.68</b>	<b>\$20.13</b>	<b>\$194.56</b>
<b>FY 2016-17 Estimated Q1/Q2 Rate</b>							
<b>Weighted Capitation Point Estimate</b>	<b>\$15.39</b>	<b>\$137.38</b>	<b>\$25.76</b>	<b>\$20.91</b>	<b>\$60.26</b>	<b>\$19.91</b>	<b>\$191.72</b>
Retroactivity Adjustment Multiplier (Exhibit FF)	-2.52%	0.55%	1.74%	1.74%	4.19%	1.30%	1.88%
Partial Month Adjustment Multiplier (Exhibit FF)	-0.51%	-0.18%	-0.27%	-0.27%	-0.16%	-0.22%	-0.39%
<b>Final Adjustment Factor <sup>(2)</sup></b>	<b>-3.02%</b>	<b>0.37%</b>	<b>1.47%</b>	<b>1.47%</b>	<b>4.02%</b>	<b>1.08%</b>	<b>1.48%</b>
<b>FY 2016-17 Final Estimated Q1/Q2 Rate <sup>(3)</sup></b>	<b>\$14.93</b>	<b>\$137.89</b>	<b>\$26.14</b>	<b>\$21.22</b>	<b>\$62.68</b>	<b>\$20.13</b>	<b>\$194.56</b>
<b>FY 2016-17 Estimated Q3/Q4 Rate</b>							
<b>Weighted Capitation Point Estimate</b>	<b>\$15.58</b>	<b>\$140.44</b>	<b>\$26.55</b>	<b>\$21.55</b>	<b>\$62.10</b>	<b>\$20.37</b>	<b>\$197.32</b>
Retroactivity Adjustment Multiplier (Exhibit FF)	-2.52%	0.55%	1.74%	1.74%	4.19%	1.30%	1.88%
Partial Month Adjustment Multiplier (Exhibit FF)	-0.51%	-0.18%	-0.27%	-0.27%	-0.16%	-0.22%	-0.39%
<b>Final Adjustment Factor <sup>(2)</sup></b>	<b>-3.02%</b>	<b>0.37%</b>	<b>1.47%</b>	<b>1.47%</b>	<b>4.02%</b>	<b>1.08%</b>	<b>1.48%</b>
<b>FY 2016-17 Final Estimated Q3/Q4 Rate <sup>(3)</sup></b>	<b>\$15.11</b>	<b>\$140.96</b>	<b>\$26.94</b>	<b>\$21.87</b>	<b>\$64.60</b>	<b>\$20.59</b>	<b>\$200.24</b>
<b>FY 2017-18 Estimated Q1/Q2 Rate <sup>(2)</sup></b>							
<b>Weighted Capitation Point Estimate</b>	<b>\$15.58</b>	<b>\$140.44</b>	<b>\$26.55</b>	<b>\$21.55</b>	<b>\$62.10</b>	<b>\$20.37</b>	<b>\$197.32</b>
Retroactivity Adjustment Multiplier (Exhibit FF)	-2.52%	0.55%	1.74%	1.74%	4.19%	1.30%	1.88%
Partial Month Adjustment Multiplier (Exhibit FF)	-0.51%	-0.18%	-0.27%	-0.27%	-0.16%	-0.22%	-0.39%
<b>Final Adjustment Factor <sup>(3)</sup></b>	<b>-3.02%</b>	<b>0.37%</b>	<b>1.47%</b>	<b>1.47%</b>	<b>4.02%</b>	<b>1.08%</b>	<b>1.48%</b>
<b>FY 2017-18 Final Estimated Q1/Q2 Rate <sup>(4)</sup></b>	<b>\$15.11</b>	<b>\$140.96</b>	<b>\$26.94</b>	<b>\$21.87</b>	<b>\$64.60</b>	<b>\$20.59</b>	<b>\$200.24</b>
<b>FY 2017-18 Estimated Q3/Q4 Rate</b>							
<b>Weighted Capitation Point Estimate</b>	<b>\$15.77</b>	<b>\$143.57</b>	<b>\$27.36</b>	<b>\$22.21</b>	<b>\$64.00</b>	<b>\$20.84</b>	<b>\$203.08</b>
Retroactivity Adjustment Multiplier (Exhibit FF)	-2.52%	0.55%	1.74%	1.74%	4.19%	1.30%	1.88%
Partial Month Adjustment Multiplier (Exhibit FF)	-0.51%	-0.18%	-0.27%	-0.27%	-0.16%	-0.22%	-0.39%
<b>Final Adjustment Factor <sup>(3)</sup></b>	<b>-3.02%</b>	<b>0.37%</b>	<b>1.47%</b>	<b>1.47%</b>	<b>4.02%</b>	<b>1.08%</b>	<b>1.48%</b>
<b>FY 2017-18 Final Estimated Q3/Q4 Rate <sup>(4)</sup></b>	<b>\$15.29</b>	<b>\$144.10</b>	<b>\$27.76</b>	<b>\$22.54</b>	<b>\$66.57</b>	<b>\$21.07</b>	<b>\$206.09</b>

<sup>1</sup> Breast and Cervical Cancer Program participants share a capitation rate with the remainder of the Adult population, and comprise less than 1% of that total population. As such, a forecast for BCCP program eligibles was not performed.

<sup>2</sup> The rate set for Q3 and Q4 of FY 2015-16 will be the same rate in effect for Q1 and Q2 of FY 2016-17.

<sup>3</sup> The final adjustment factor is derived by adding 1 to each individual adjustment, multiplying the result, and subtracting 1 from the product.

<sup>4</sup> The number presented, here, reflects the final outcome of payment of partial capitations and the estimate of full IBNR based on that component of IBNR runout that has been completed. Because the IBNR component is estimated, this final figure is estimated and may change in future exhibits.

**Exhibit HH - Forecast Model Comparisons - Capitation Trend Models**

**Capitation Rate Forecast Model for FY 2015-16 Q3 and Q4**

Model	Adults 65 and Older (OAP-A)	Disabled Individuals	Low Income Adults <sup>(1)</sup>	Expansion Adults	MAGI Adults	Eligible Children	Foster Care <sup>(2)</sup>
FY 2013-14 Actual Rate	\$13.96	\$144.99	\$23.98	\$23.98	\$79.38	\$17.22	\$174.80
FY 2014-15 Q1 and Q2 Weighted Average Rate	\$14.21	\$146.88	\$25.96	\$26.02	\$55.51	\$18.74	\$212.29
FY 2014-15 Q3 and Q4 Weighted Average Rate	\$14.23	\$146.77	\$25.97	\$26.00	\$55.54	\$19.63	\$218.57
FY 2014-15 Full Year Average Rate	\$14.22	\$146.82	\$25.97	\$26.01	\$55.53	\$19.20	\$215.41
FY 2015-16 Q1 and Q2 Weighted Average Rate	\$15.21	\$127.95	\$25.18	\$20.44	\$58.91	\$19.46	\$172.02
<b>Recent Growth Rates</b>							
% Growth from FY 2013-14 to FY 2014-15 Rate	1.86%	1.26%	8.30%	8.47%	-30.05%	11.50%	23.23%
% Growth from CY 2014 to CY 2015 Rate	7.04%	-12.89%	-3.00%	-21.45%	6.13%	3.84%	-18.97%
<b>Selected Trend Models</b>							
Average Growth Model	\$13.44	\$176.40	\$29.77	\$34.57	\$34.05	\$19.48	\$239.78
% Difference from FY 2016-17 Q1 and Q2 Rate	-11.65%	37.87%	18.23%	69.12%	-42.21%	0.10%	39.39%
% Difference from FY 2015-16 Full Year Average Rate	-5.50%	20.15%	14.63%	32.91%	-38.69%	1.45%	11.31%
Two Period Moving Average Model	\$12.98	\$163.50	\$24.77	\$29.45	\$3,883.69	-\$0.26	\$11,175.07
% Difference from FY 2016-17 Q1 and Q2 Rate	-14.67%	27.78%	-1.61%	44.10%	6492.59%	-101.35%	6396.38%
% Difference from FY 2015-16 Full Year Average Rate	-8.73%	11.36%	-4.60%	13.24%	6893.86%	-101.37%	5087.81%
Exponential Growth Model	\$15.54	\$248.59	\$34.90	\$39.62	\$39.71	\$19.66	\$174.10
% Difference from FY 2016-17 Q1 and Q2 Rate	2.17%	94.29%	38.60%	93.85%	-32.60%	1.05%	1.21%
% Difference from FY 2015-16 Full Year Average Rate	9.28%	69.32%	34.38%	52.34%	-28.50%	2.42%	-19.18%
Linear Growth Model	\$15.00	\$210.13	\$29.12	\$33.84	\$30.81	\$18.35	\$167.38
% Difference from FY 2016-17 Q1 and Q2 Rate	-1.38%	64.23%	15.64%	65.56%	-47.71%	-5.73%	-2.70%
% Difference from FY 2015-16 Full Year Average Rate	5.49%	43.12%	12.12%	30.10%	-44.53%	-4.45%	-22.30%
CY 2016 Forecast Minimum	\$12.98	\$163.50	\$24.77	\$29.45	\$30.81	-\$0.26	\$167.38
CY 2016 Forecast Maximum	\$15.54	\$248.59	\$34.90	\$39.62	\$3,883.69	\$19.66	\$11,175.07
% change from FY 2014-15 Rate to Selected FY 2015-16 Q1 & Q2 Capitation Rate <sup>(3)</sup>	1.21%	7.37%	2.30%	2.30%	2.30%	2.30%	11.45%
<b>CY 2016 Forecast Point Estimate</b>	<b>\$15.39</b>	<b>\$137.38</b>	<b>\$25.76</b>	<b>\$20.91</b>	<b>\$60.26</b>	<b>\$19.91</b>	<b>\$191.72</b>
% change from CY 2015 Rate to Selected CY 2016 Capitation Rate <sup>(4)</sup>	1.21%	2.23%	3.06%	3.06%	3.06%	2.30%	2.92%
<b>CY 2017 Forecast Point Estimate</b>	<b>\$15.58</b>	<b>\$140.44</b>	<b>\$26.55</b>	<b>\$21.55</b>	<b>\$62.10</b>	<b>\$20.37</b>	<b>\$197.32</b>
% change from CY 2016 Rate to Selected CY 2017 Capitation Rate <sup>(5)</sup>	1.21%	2.23%	3.06%	3.06%	3.06%	2.30%	2.92%
<b>CY 2018 Forecast Point Estimate</b>	<b>\$15.77</b>	<b>\$143.57</b>	<b>\$27.36</b>	<b>\$22.21</b>	<b>\$64.00</b>	<b>\$20.84</b>	<b>\$203.08</b>

<sup>1</sup> Breast and Cervical Cancer Program participants share a capitation rate with the remainder of the Adult population, and comprise less than 1% of that total population. As such, a forecast for BCCP program eligibles was not performed.

<sup>2</sup> The rate methodology changed beginning CY 2014 and we are using known values in the rate development. Therefore, the forecast point estimate for CY 2016, CY 2017, CY 2018 may not fit into the forecasted min and max range because the range is based on historical data and methodologies.

<sup>3</sup> Percentage selected to modify capitation rates for CY 2016: Where applicable, percentage selections have been bolded for clarification.	Adults 65 and Older (OAP-A)	Trend is the average growth of previous five years.		MAGI Adults	Due to lack of available data, trend is equal to Low Income Adults
	Disabled Individuals	Trend is average of FY 2014-15 and FY 2015-16 Q1/Q2 rates. This cohort had a significant decrease in rate between periods, but the Department expects data to support a rate increase in FY 2015-16 Q3/Q4.	3 Percentage selected to modify capitation rates for CY 2016: Where applicable, percentage selections have been bolded for clarification.	Eligible Children	Trend is half of the average growth of last two years of rates.
	Low Income Adults/ Expansion Low Income Adults	Trend is half of the average growth of previous five years.		Foster Care	Trend is average of FY 2014-15 and FY 2015-16 Q1/Q2 rates. This cohort had a significant decrease in rate between periods, but the Department expects data to support a rate increase in FY 2015-16 Q3/Q4.
<sup>4</sup> Percentage selected to modify capitation rates for CY 2017: Where applicable, percentage selections have been bolded for clarification.	Adults 65 and Older (OAP-A)	Trend is the average growth of previous five years.		MAGI Adults	Due to lack of available data, trend is equal to Low Income Adults
	Disabled Individuals	Trend is average of FY 2014-15 and FY 2015-16 Q1/Q2 rates. This cohort had a significant decrease in rate between periods, but the Department expects data to support a rate increase in FY 2015-16 Q3/Q4.	4 Percentage selected to modify capitation rates for CY 2017: Where applicable, percentage selections have been bolded for clarification.	Eligible Children	Trend is half of the average growth of last two years of rates.
	Low Income Adults/ Expansion Low Income Adults	Trend is half of the average growth of previous five years.		Foster Care	Trend is growth from FY 2012-13 to FY 2013-14.
<sup>5</sup> Percentage selected to modify capitation rates for CY 2018: Where applicable, percentage selections have been bolded for clarification.	Adults 65 and Older (OAP-A)	Trend is the average growth of previous five years.		MAGI Adults	Due to lack of available data, trend is equal to Low Income Adults
	Disabled Individuals	Trend is average of FY 2014-15 and FY 2015-16 Q1/Q2 rates. This cohort had a significant decrease in rate between periods, but the Department expects data to support a rate increase in FY 2015-16 Q3/Q4.	5 Percentage selected to modify capitation rates for CY 2018: Where applicable, percentage selections have been bolded for clarification.	Eligible Children	Trend is half of the average growth of last two years of rates.
	Low Income Adults/ Expansion Low Income Adults	Trend is half of the average growth of previous five years.		Foster Care	Trend is growth from FY 2012-13 to FY 2013-14.