



Actuarial Review of the TennCare Program

Development of State Fiscal Year 2019 Per Member Costs

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Section I — Executive Summary

At the request of the Bureau of TennCare, Navigant has calculated per member costs for the TennCare program for State Fiscal Year (SFY) 2019. As part of our analysis, we have also restated the costs for SFY2018. The per member costs shown in this report are calculated to assist in the development of the TennCare budget and to make recommendations regarding the distribution of an actuarial based capitation rate for the managed care organizations (MCOs).

TennCare’s program utilizes risk contracts with managed care organizations for the majority of its members in each of its three regions: East, Middle, and West. The TennCare Select (TCS) population, however, continues to be paid on a partial risk basis in all regions.

Long Term Care (LTC) members began coverage under at-risk contracts through implementation of the CHOICES Program. The CHOICES program began in March 2010 for Tennessee’s Middle region and August 2010 for the East and West regions. The CHOICES program provides comprehensive care for members eligible for LTC benefits. The CHOICES program provides nursing home (NH), home and community based services (HCBS), and acute care benefits.

The purpose of this report is to provide per member costs for SFY2019 for the Bureau of TennCare. Projected costs for fully capitated contracts are based on contractual capitation rates paid to the MCOs. Projected costs for not fully capitated services are based on a detailed analysis of data provided by the TennCare Bureau and review of the provider payments and invoices paid to managed care organizations (MCOs) for the current program’s plan of benefits and eligible groups.

We received significant assistance in obtaining data and background information for this report from the TennCare Bureau. Navigant has relied upon this data and its integrity. Although we have reviewed the data for reasonableness, we have not audited the data. Further details of the data received are discussed in Section IV of this report.

Summary

Based on methodologies and assumptions detailed in this report, Navigant has developed per member costs for SFYs 2018 and 2019. Consistent with last year’s methodology, Navigant collected medical data for this year’s report directly from the MCOs for the Managed Care programs and directly from TennCare for TCS, pharmacy, and dental encounter data. Navigant defined the baseline data for projecting pharmacy and dental costs as April 1, 2017 through March 31, 2018 for the not fully capitated services. For projecting costs associated with members enrolled under TCS, two base periods were used: April 1, 2016 through March 31, 2017 and April 1, 2017 through March 31, 2018. Contractual capitation rates were not explicitly developed for SFY2018 and SFY2019. Rather, MCO contractual capitation rates were developed on a calendar year (CY) basis, so SFY2018 blends the second half of the CY 2017 rates and first half of the CY 2018 rates. Likewise, SFY2019 blends the second half of the CY 2018 rates and first half of the CY 2019 rates. For the purposes of this report, the two sets of capitation rates covering SFY2018 were weighted by actual SFY2018 enrollment to develop a set of aggregate SFY2018 capitation rates. The two sets of capitation rates covering SFY2019 were weighted using projected enrollment to develop a set of aggregate SFY2019 capitation rates.

The following is a brief summary of each projection:

- MCO acute care managed care (Non-CHOICES) and Long-Term Care (CHOICES) costs were projected separately using the contractual capitation rates for each of the periods Calendar Year 2017 and Calendar Year 2018. These cost projections were then blended with actual SFY2018 enrollment to restate the SFY2018 costs.

- MCO acute care managed care (Non-CHOICES) and Long-Term Care (CHOICES) costs were projected separately using the contractual capitation rates for each of the periods Calendar Year 2018 and Calendar Year 2019. These cost projections were then blended with projected enrollment to approximate SFY2019 costs.
- Projected SFY2018 and 2019 expenditures for pharmacy and dental services were based on incurred claims from April 1, 2017 through March 31, 2018, with claims run-out through September 2018.
- Projected SFY2018 and 2019 expenditures for claims associated with members enrolled in TennCare Select (TCS) were based on a blend between incurred claims from April 1, 2016 through March 31, 2017 and April 1, 2017 through March 31, 2018, with claims run-out through September 2018.

For services not fully capitated, Navigant used the historical encounter data to develop completion factors and trend factors to calculate the baseline SFY2018 per member costs. Details of these calculations and the various breakouts are included in the Exhibits. Reconciliation of these results to emerging invoices provided data verification. SFY2018 results were then projected forward to SFY2019.

The total expenditures for SFY2018 and projected expenditures for SFY2019 are shown below. This includes expenditures for Non-CHOICES, CHOICES, and TennCare Select programs, with projected costs for pharmacy shown as well. Note that the HIF amounts and directed payment amounts are not shown in this exhibit:

Fiscal Year 2018 - Expenditures					
Region	MCO Acute Care	CHOICES	Acute Care & CHOICES	Pharmacy	Total
East	\$ 1,567,435,239	\$ 596,632,369	\$ 2,164,067,608	\$ 450,552,807	\$ 2,614,620,415
Middle	\$ 1,548,895,634	\$ 548,377,779	\$ 2,097,273,413	\$ 374,684,143	\$ 2,471,957,556
West	\$ 1,137,608,899	\$ 482,834,890	\$ 1,620,443,789	\$ 277,147,596	\$ 1,897,591,386
TennCare Select	\$ 412,026,797	N/A	\$ 412,026,797	N/A	\$ 412,026,797
Total	\$ 4,665,966,568	\$ 1,627,845,038	\$ 6,293,811,606	\$ 1,102,384,547	\$ 7,396,196,153
Total - PMPM	\$ 274.77	\$ 4,769.99	\$ 363.33	\$ 63.64	\$ 426.97
Member Months	16,981,227	341,268	17,322,495	17,322,495	17,322,495

Fiscal Year 2019 - Projected Expenditures					
Region	MCO Acute Care	CHOICES	Acute Care & CHOICES	Pharmacy	Total
East	\$ 1,504,655,344	\$ 614,702,843	\$ 2,119,358,187	\$ 441,494,943	\$ 2,560,853,131
Middle	\$ 1,512,649,236	\$ 575,885,509	\$ 2,088,534,745	\$ 366,502,294	\$ 2,455,037,038
West	\$ 1,100,722,611	\$ 494,697,030	\$ 1,595,419,641	\$ 272,106,279	\$ 1,867,525,921
TennCare Select	\$ 423,798,361	N/A	\$ 423,798,361	N/A	\$ 423,798,361
Total	\$ 4,541,825,552	\$ 1,685,285,382	\$ 6,227,110,934	\$ 1,080,103,517	\$ 7,307,214,451
Total - PMPM	\$ 284.52	\$ 4,949.52	\$ 381.94	\$ 66.25	\$ 448.19
Member Months	15,963,391	340,495	16,303,886	16,303,887	16,303,886
PMPM % Change	3.55%	3.76%	5.12%	4.10%	4.97%

Acute Care per member expenditures, including costs for members covered under TennCare Select, are projected to increase 3.55% from SFY2018 to SFY2019 and CHOICES per member expenditures are projected to increase by 3.76% from SFY2018 to SFY2019. The increase in total CHOICES expenditures is driven by various factors, including expected increases in nursing home costs due annual per diem rate increases and the implementation of increased acuity and quality-based rates.

Starting in 2018, pass-thru payment arrangements were converted into directed payments and were incorporated into capitation rates. Directed payment applications by program and region are show below for both SFY2018 and SFY2019.

Fiscal Year 2018 - Directed Payment Amounts			
Region	MCO Acute Care	CHOICES	Acute Care & CHOICES
East	\$ 85,517,327	\$ 1,861,539	\$ 87,378,866
Middle	\$ 105,730,685	\$ 2,090,531	\$ 107,821,216
West	\$ 73,153,926	\$ 1,602,774	\$ 74,756,700
TennCare Select	\$ 16,395,176	N/A	\$ 16,395,176
Total	\$ 280,797,113	\$ 5,554,844	\$ 286,351,957
Total - PMPM	\$ 16.54	\$ 16.28	\$ 16.53
Member Months	16,981,227	341,268	17,322,495

Fiscal Year 2019 - Directed Payment Amounts			
Region	MCO Acute Care	CHOICES	Acute Care & CHOICES
East	\$ 169,666,402	\$ 4,128,356	\$ 173,794,757
Middle	\$ 201,751,893	\$ 4,435,626	\$ 206,187,519
West	\$ 143,260,088	\$ 4,000,555	\$ 147,260,644
TennCare Select	\$ 20,389,702	N/A	\$ 20,389,702
Total	\$ 535,068,085	\$ 12,564,537	\$ 547,632,622
Total - PMPM	\$ 33.52	\$ 37.07	\$ 33.59
Member Months	15,963,391	338,982	16,302,373

The Health Insurance Provider's Fee is excluded in these SFY2018 and SFY2019 projections. Section 9010 of the ACA required each non-exempt health insurer to pay a portion of the total HIF amount based on the insurer's share of total non-exempt net written health insurance premiums. This includes Medicaid MCOs. This fee and the tax consequence of the fee being non-tax deductible must be included in the capitation rates to maintain the actuarial soundness of the capitation rates.

Enrollment and Membership Review

Below is a summary of the enrollment numbers received from the TennCare detailed eligibility file:

MCO Enrollment (Member Months) Summary by Category of Aid					
	SFY2017	SFY2018	SFY2019	SFY2018 vs. SFY2017	SFY2019 vs. SFY2018
Acute Care					
Medicaid (TANF & Related)*	14,122,955	13,380,876	12,354,735	(742,078)	(1,026,141)
Disabled	1,379,644	1,354,021	1,349,691	(25,624)	(4,330)
Duals / Waiver Duals	1,458,593	1,424,562	1,430,121	(34,031)	5,559
Total Acute Care	16,961,192	16,159,459	15,134,547	(801,733)	(1,024,912)
TennCare Select	796,492	821,768	828,844	25,275	7,076
LTC (CHOICES)					
Duals / Waiver Duals	302,265	293,084	291,512	(9,181)	(1,572)
Non-Duals	46,909	48,184	48,983	1,274	799
Total LTC Care	349,175	341,268	340,495	(7,907)	(773)
Total Enrollment	18,106,859	17,322,495	16,303,886	(784,364)	(1,018,609)

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

There was a net enrollment decrease from SFY2017 to SFY2018 of more than 784,000 member months as the State resumed eligibility re-verification in 2017. We note that this decrease was significantly less than the 1.5m decrease in member months originally expected in last year's report.

A noticeable decrease in membership is also expected for SFY2019 due to ongoing reverification efforts.

Non-CHOICES and TCS Per Member Costs—SFY2018

Last year's report projected SFY2018 per member costs to be \$273.16 without pharmacy and \$338.53 with pharmacy. The restated SFY2018 estimate of \$274.77 without pharmacy is slightly higher, while the restated SFY2018 estimate of \$338.41 including pharmacy is slightly lower. Note that the pharmacy costs listed in these exhibits include those incurred by CHOICES and TennCare Select members as well as Non-CHOICES.

Acute Care (MCO Non-CHOICES and TCS) Per Capita Costs (Excluding Pharmacy) - Fiscal Year 2018						
Summary By Region and Rate Group						
Aid Category	East	Middle	West	MCO Total	TennCare Select	NC + TCS
Medicaid (TANF & Related)*	\$ 227.72	\$ 217.15	\$ 189.55	\$ 213.02	\$ 192.99	\$ 212.05
Disabled	\$ 818.63	\$ 949.20	\$ 875.15	\$ 875.42	\$ 811.18	\$ 872.31
Duals/Waiver Duals	\$ 123.67	\$ 184.65	\$ 162.74	\$ 153.16	\$ 60.12	\$ 148.65
All Eligibility Groups	\$ 271.49	\$ 266.52	\$ 248.69	\$ 263.25	\$ 501.39	\$ 274.77
Member Months	5,773,539	5,811,511	4,574,409	16,159,459	821,768	16,981,227

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Pharmacy Per Capita Costs - Fiscal Year 2018				
Summary By Region and Rate Group				
Aid Category	East	Middle	West	All Regions
Medicaid (TANF & Related)*	\$ 49.72	\$ 40.24	\$ 34.37	\$ 41.88
Disabled	\$ 319.39	\$ 292.26	\$ 249.46	\$ 288.56
Duals/Waiver Duals	\$ 1.59	\$ 1.54	\$ 1.51	\$ 1.55
All Eligibility Groups	\$ 73.45	\$ 59.52	\$ 56.64	\$ 63.64
Member Months	6,133,933	6,295,015	4,893,547	17,322,495

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Acute Care (MCO Non-CHOICES and TCS) Per Capita Costs (Including Pharmacy) - Fiscal Year 2018						
Summary By Region and Rate Group						
Aid Category	East	Middle	West	MCO Total	TennCare Select	NC + TCS
Medicaid (TANF & Related)*	\$ 277.45	\$ 257.40	\$ 223.92	\$ 254.90	\$ 234.86	\$ 253.93
Disabled	\$ 1,138.03	\$ 1,241.46	\$ 1,124.61	\$ 1,163.98	\$ 1,099.74	\$ 1,160.87
Duals/Waiver Duals	\$ 125.26	\$ 186.19	\$ 164.25	\$ 154.71	\$ 61.67	\$ 150.21
All Eligibility Groups	\$ 344.94	\$ 326.04	\$ 305.33	\$ 326.89	\$ 565.03	\$ 338.41
Member Months	5,773,539	5,811,511	4,574,409	16,159,459	821,768	16,981,227

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Non-CHOICES and TCS Per Member Costs—SFY2019

The SFY2019 Non-CHOICES and TCS per member costs, including pharmacy but excluding CHOICES, are anticipated to increase 3.7% (\$12.35 per member) over SFY2018 per member costs. The MCO excluding pharmacy per member costs are expected to increase by 3.4%.

Acute Care (MCO Non-CHOICES and TCS) Per Capita Costs (Excluding Pharmacy) - Fiscal Year 2019						
Summary By Region and Rate Group						
Aid Category	East	Middle	West	MCO Total	TennCare Select	NC + TCS
Medicaid (TANF & Related)*	\$ 229.84	\$ 224.46	\$ 192.80	\$ 217.43	\$ 205.58	\$ 216.82
Disabled	\$ 830.15	\$ 974.39	\$ 895.96	\$ 893.94	\$ 836.67	\$ 890.96
Duals/Waiver Duals	\$ 130.01	\$ 186.73	\$ 166.33	\$ 157.45	\$ 60.26	\$ 152.40
All Eligibility Groups	\$ 277.51	\$ 277.87	\$ 257.85	\$ 272.09	\$ 511.31	\$ 284.52
Member Months	5,421,960	5,443,761	4,268,826	15,134,547	828,844	15,963,391

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Pharmacy Per Capita Costs - Fiscal Year 2019				
Summary By Region and Rate Group				
Aid Category	East	Middle	West	All Regions
Medicaid (TANF & Related)*	\$ 50.72	\$ 41.07	\$ 35.11	\$ 42.76
Disabled	\$ 326.68	\$ 299.24	\$ 255.34	\$ 295.28
Duals/Waiver Duals	\$ 1.63	\$ 1.57	\$ 1.55	\$ 1.59
All Eligibility Groups	\$ 76.31	\$ 61.79	\$ 59.33	\$ 66.25
Member Months	5,785,545	5,931,799	4,586,543	16,303,887

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Acute Care (MCO Non-CHOICES and TCS) Per Capita Costs (Including Pharmacy) - Fiscal Year 2019						
Summary By Region and Rate Group						
Aid Category	East	Middle	West	MCO Total	TennCare Select	NC + TCS
Medicaid (TANF & Related)*	\$ 280.57	\$ 265.53	\$ 227.92	\$ 260.19	\$ 248.33	\$ 259.57
Disabled	\$ 1,156.83	\$ 1,273.63	\$ 1,151.30	\$ 1,189.22	\$ 1,131.95	\$ 1,186.24
Duals/Waiver Duals	\$ 131.64	\$ 188.30	\$ 167.88	\$ 159.04	\$ 61.85	\$ 153.99
All Eligibility Groups	\$ 353.82	\$ 339.65	\$ 317.18	\$ 338.34	\$ 577.56	\$ 350.76
Member Months	5,421,960	5,443,761	4,268,826	15,134,547	828,844	15,963,391

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Long Term Care (CHOICES) Per Member Costs

Last year's report projected SFY2018 per member costs to be \$4,695.43. The restated SFY2018 estimate is 1.59% higher, at \$4,769.99. This small increase is attributable to increases in nursing facility loads.

CHOICES expenditures were entirely capitation payments which covered nursing facilities, HCBS, and acute care claims for the covered individuals.

Aid Category	SFY 2018			SFY 2019		
	Member Months	PMPM	Total	Member Months	PMPM	Total
Choices 1 & 2						
Duals	265,873	\$ 4,846.61	\$ 1,288,585,903	265,940	\$ 5,022.60	\$ 1,335,709,637
Non-Duals	40,703	\$ 6,444.66	\$ 262,318,165	41,183	\$ 6,607.37	\$ 272,111,494
Choices 3						
Duals	27,211	\$ 1,757.44	\$ 47,821,807	25,572	\$ 1,818.93	\$ 46,513,757
Non-Duals	7,481	\$ 3,892.64	\$ 29,119,163	7,800	\$ 3,968.01	\$ 30,950,494
Total	341,268	\$ 4,769.99	\$ 1,627,845,038	340,495	\$ 4,949.52	\$ 1,685,285,382

For SFY2019, a 3.8% increase in rates is projected from SFY2018. This increase is primarily attributable to expected ongoing increases in nursing home costs and payments associated with them.

Pharmacy Per Member Costs

Below is a brief summary of the pharmacy projections. The projected SFY2018 per member pharmacy cost in the last year's report was \$65.36. The current SFY2018 projection is 2.6% lower than that of the prior actuarial report, indicating lower trend than anticipated.

Summary of Per Capita Pharmacy Costs by Aid Category		
Aid Category	SFY2018 PMPM	SFY2019 PMPM
Medicaid and Uninsured	\$ 41.88	\$ 42.76
Disabled	\$ 288.56	\$ 295.28
Duals/Waiver Duals	\$ 1.55	\$ 1.59
All Eligibility Groups	\$ 63.64	\$ 66.25

The SFY2019 cost projections developed by region and aid category are shown below:

Pharmacy PMPM SFY2019				
Aid Category	East	Middle	West	State
Medicaid and Uninsured	\$ 50.72	\$ 41.07	\$ 35.11	\$ 42.76
Disabled	\$ 326.68	\$ 299.24	\$ 255.34	\$ 295.28
Duals/Waiver Duals	\$ 1.63	\$ 1.57	\$ 1.55	\$ 1.59
All Eligibility Groups	\$ 76.31	\$ 61.79	\$ 59.33	\$ 66.25

Consistent with regional utilization levels in the past, PMPM costs are higher than the State average in the East region and lower in the West.

Also consistent with last year's report, Navigant developed a breakdown of the pharmacy expenditures by brands and generics. This becomes increasingly important when highly utilized drugs go off patent. The savings from generic conversions are partially offset by the introduction of new drugs to the market, in particular specialty drugs and biological agents.

Below is a summary of SFY2018 and SFY2019 pharmacy costs:

Summary of Per Capita Pharmacy Costs by Service Category				
Service Category	SFY2018 PMPM		SFY2019 PMPM	
	PMPM	Total	PMPM	Total
Member Months	17,322,495		16,303,887	
Brand	\$ 50.94	\$ 882,339,243	\$ 53.12	\$ 866,076,661
Generic	\$ 11.01	\$ 190,675,258	\$ 11.36	\$ 185,264,761
Non-Drug	\$ 1.01	\$ 17,466,227	\$ 1.05	\$ 17,100,899
Total	\$ 62.95	\$ 1,090,480,728	\$ 65.53	\$ 1,068,442,321
Admin	\$ 0.69	\$ 11,952,522	\$ 0.72	\$ 11,738,799
Premium Tax	\$ -	\$ -	\$ -	\$ -
Total Premium Rate	\$ 63.64	\$ 1,102,384,547	\$ 66.25	\$ 1,080,103,517

This breakdown shows that just over 80% of the pharmacy claims expenditures are due to brand name drugs while 79% of prescriptions are for generic drugs. Baseline pharmacy trends are anticipated to increase about 2.3% from SFY2018 to SFY2019. Note that TennCare’s pharmacy cost trends continue to be lower in comparison to other Medicaid programs.

Combining the per member costs with the eligibility projections produced projected pharmacy expenditures for SFY2019. Below is a summary by region and aid group:

Pharmacy Expenditures SFY2019				
Aid Category	East	Middle	West	State
Medicaid and Uninsured	\$ 223,350,855	\$ 197,853,486	\$ 123,823,457	\$ 545,027,798
Disabled	\$ 216,973,631	\$ 167,779,629	\$ 147,535,165	\$ 532,288,425
Duals/Waiver Duals	\$ 1,170,457	\$ 869,179	\$ 747,658	\$ 2,787,294
All Eligibility Groups	\$ 441,494,943	\$ 366,502,294	\$ 272,106,279	\$ 1,080,103,517

Navigant’s pharmacy team mapped the pharmacy data into therapeutic classifications using the HIC3 classification system. The results are shown in Exhibits 7d through 7g.

Dental Per Member Costs

Below is a brief summary of the dental projections. Only TennCare members who are less than 21 years of age are eligible for dental services and these projections are for that covered population. The projected SFY2018 per member dental cost in the last year’s report was \$16.52. The current SFY2018 projection is \$16.12, 2.4% lower than the prior actuarial report, indicating lower trend than anticipated. SFY2019 Costs are expected to be higher at \$16.47 PMPM.

Summary of Dental Per Member Costs By Aid Category		
Aid Category	SFY2018	SFY2019
Medicaid and Uninsured	\$ 16.12	\$ 16.48
Disabled	\$ 15.96	\$ 16.24
Duals/Waiver Duals	\$ 26.16	\$ 26.64
All Eligibility Groups	\$ 16.12	\$ 16.47

Consistent with the pharmacy and MCO cost projections, the regional cost projections are as follows:

Dental Per Member Costs - SFY2019				
Summary By Rate Group				
Aid Category	East	Middle	West	State
Medicaid and Uninsured	\$ 16.27	\$ 18.20	\$ 14.39	\$ 16.48
Disabled	\$ 16.86	\$ 17.98	\$ 14.24	\$ 16.24
Duals/Waiver Duals	\$ 21.19	\$ 35.35	\$ 24.49	\$ 26.64
All Eligibility Groups	\$ 16.30	\$ 18.20	\$ 14.39	\$ 16.47

In contrast to pharmacy, the dental PMPM costs are much closer between regions, with the West having the lowest rates. Using the regional rates and projected membership, an aggregate projected cost was developed:

Dental Costs - SFY2019				
Summary By Rate Group				
Aid Category	East	Middle	West	State
Medicaid and Uninsured	\$ 49,791,128	\$ 61,478,035	\$ 36,076,051	\$ 147,345,215
Disabled	\$ 2,235,147	\$ 2,593,316	\$ 2,376,642	\$ 7,205,105
Duals/Waiver Duals	\$ 31,387	\$ 40,731	\$ 22,430	\$ 94,548
All Eligibility Groups	\$ 52,057,663	\$ 64,112,083	\$ 38,475,123	\$ 154,644,868

Below is a breakdown of dental expenditures by major service category:

Dental Summary By Service Category				
All Regions - All Eligibility Groups				
Service Category	SFY2018		SFY2019	
	Per Member	Total*	Per Member	Total**
Diagnostic	\$ 2.99	\$ 30,065,692	\$ 3.04	\$ 28,567,653
Preventive	\$ 3.57	\$ 35,958,365	\$ 3.63	\$ 34,101,222
Restorative	\$ 4.92	\$ 49,482,201	\$ 5.03	\$ 47,196,924
Endodontics	\$ 0.92	\$ 9,268,055	\$ 0.94	\$ 8,864,717
Oral Surgery	\$ 1.41	\$ 14,211,881	\$ 1.46	\$ 13,672,560
Orthodontics	\$ 1.05	\$ 10,610,873	\$ 1.08	\$ 10,157,085
Other	\$ 0.96	\$ 9,643,395	\$ 0.98	\$ 9,223,778
Admin	\$ 0.30	\$ 3,001,476	\$ 0.31	\$ 2,860,930
Total	\$ 16.12	\$ 162,241,939	\$ 16.47	\$ 154,644,868

*SFY2018 Assumed Average Enrollment: 838,778 less than 21 years of age

**SFY2019 Assumed Average Enrollment: 782,516 less than 21 years of age

Section II — Program Overview

On January 1, 1994, Tennessee began a new health care reform program called TennCare. This program, which required no new taxes, essentially replaced the Medicaid Program in Tennessee. TennCare was designed as a managed care model. It extended coverage to uninsured and uninsurable persons who were not eligible for Medicaid.

The TennCare program was initially implemented as a five-year demonstration program approved by the federal Health Care Financing Administration (HCFA), which is now known as the Centers for Medicare and Medicaid Services (CMS). The program received several extensions after the original expiration date of December 30, 1999 and is currently in place.

Although the program moved to FFS for a period, TennCare returned a portion of eligible members to a full risk capitated model beginning April 1, 2007 in Middle Tennessee, November 1, 2008 in West Tennessee, and January 1, 2009 in East Tennessee. Members in TennCare who are not in TennCare Select are required to enroll in one of the full risk MCOs.

The capitation arrangements cover all medical and behavioral health services under one capitation arrangement. Pharmacy and dental services for eligible members in each region remain under a separate program outside the full risk capitation arrangements.

Beginning in March of 2010, the TennCare CHOICES program began operation in the Middle Region. TennCare CHOICES is a fully capitated comprehensive long term care program that provides nursing home services, home and community based services, and acute care services to eligible members. Services are provided through the MCOs currently operating in the region. TennCare CHOICES began operation in the East and West Regions on August 1, 2010.

Effective July 1, 2012, the Bureau of TennCare implemented new Level of Care (LOC) criteria to determine medical eligibility for the CHOICES program. Applicants wishing to receive long term services and supports (LTSS) under Medicaid undergo a person-centered assessment to determine eligibility in one of three groups for TennCare CHOICES. CHOICES 1 is for individuals receiving long term Nursing Home services. CHOICES 2 is for individuals who meet the nursing facility (NF) LOC that are primarily receiving Home and Community-Based Services as an alternative to NH care. CHOICES 3 is for individuals enrolled after the implementation of the LOC change who do not meet the new NH LOC standard but who are “at risk” of institutionalization and are receiving a more moderate package of HCBS to delay or prevent the need for NH placement.

Section III — Project Scope

At the request of the Tennessee Office of the Comptroller and the Bureau of TennCare, Navigant has calculated per member costs for the TennCare and TennCare CHOICES programs for SFY2019. The per member costs shown in this report are calculated to assist in the development of the TennCare budget and improve program management.

This report describes the methods, data and assumptions used to develop per member costs for the acute care portion of the TennCare program. Administrative costs associated with those portions of the program that are covered by contracts with managed care organizations are included in these calculations as well as the administrative costs paid for the management of pharmacy and dental services.

The report includes a summary of per member and projected costs by region and statewide. This provides the Bureau with a better understanding of potential capitation rates by region, aid category and coverage.

Section IV — Data Sources

Navigant used data for this report from several different sources including data received from the Bureau of TennCare as well as the Medicaid Managed Care Capitation Rate Development reports for SFYs 2018 and 2019. We relied on the accuracy of the data while developing the report. We reviewed the data for reasonableness including comparing the data to previous years and found no material issues with the information. We did not audit the data.

At-Risk MCO Capitation Rates

For costs associated with the TennCare members enrolled with the at-risk MCOs, we relied on the actual MCO capitation rates in effect during SFY2018 and SFY2019. The details for the development of these rates are contained in the Medicaid Rate Certification reports provided to the Bureau of TennCare.

TennCare Select, Pharmacy, and Dental Claims and Encounter Data

TennCare Select Medical Claims and Encounter Data

While most TennCare acute care services are provided to members through one of the at-risk MCOs operating in each region, services for members not enrolled in these MCOs are provided through TennCare Select (TCS) which is administered through one of the MCOs on a partial risk basis.

TennCare received detailed claims and encounter data from TennCare Select for the period January 2015 through September 2018. This data was then compiled and loaded into a central data warehouse. Navigant received information regarding capitated payments and recoveries not available on the encounter data.

The data was segregated into the following broad service categories: inpatient hospital, outpatient hospital, home health care, and professional. We performed numerous diagnostic analyses to ensure the data was credible. Pharmacy and dental claims for the TCS population were combined with the at-risk TennCare population and described in the Pharmacy and Dental sections below.

To ensure the completeness of the data, we compared the encounter data for each plan to the paid expenditure data reported in the monthly Medical Fund Target reports that are submitted to the Bureau of TennCare and the Department of Commerce and Insurance. The claims received from the TCS MCO showed around 2-3% deviation from the MFT reports in aggregate, similar to prior years. We note that in prior reports, anomalies were revealed in the inpatient and outpatient categories for specific cohorts. However, the data appears to have normalized and no longer requires further adjustment.

Pharmacy Claims and Encounter Data

The TennCare Bureau received detailed claims and encounter data from the current pharmacy benefit manager, Magellan as well as data from the prior pharmacy benefit manager. This data was compiled and loaded into a central data warehouse. Navigant obtained detailed claims and encounter data submitted to the TennCare Bureau for the period January 1, 2015 through September 30, 2018.

Dental Claims and Encounter Data

Navigant received dental encounter data from the TennCare Bureau for claims paid from January 2015 through September 2018. This included claims from the current dental benefit manager, DentaQuest, as well as the prior DBM, Delta Dental. We selected claims incurred from January 2016 through December 2016, paid through April 2017, as our base data period. This data represents twelve months of experience with four months of run-out. The data was aggregated by age and aid category.

Eligibility Data

The Bureau of TennCare provided detailed eligibility data for the period July 2015 through September 2018 and provided guidance on enrollment expectations going forward through SFY2020. From this data, we selected the appropriate time period corresponding to the baseline encounter data. Navigant calculated member months of eligibility from this data segregated by eligibility category, demographic group, health plan, region and month.

Medical Fund Target Reports and Medical Loss Ratio Reports

MCOs are required to submit monthly reports that show their experience. The fully at-risk MCOs submit Medical Loss Ratio (MLR) Reports while the TCS MCO submit Medical Fund Target (MFT) Reports. These reports are valuable as a check to the claims data received.

Navigant received the MFT and MLR Reports for the period January 2016 through November 2018. The reports include required capitation adjustments, recoveries, and claim triangle reports.

Invoices

Navigant received detailed invoices for pharmacy and dental claims. These invoices were used to validate both the pharmacy and dental claims data. The invoices were available from January 2016 through September 2018.

Section V — Medical Per Member Cost

The total projected TennCare medical costs for SFY2018 and SFY2019 were developed by projecting at risk managed care expenditures and TennCare Select (TCS) expenditures separately. At risk managed care expenditures were developed by summing the products of the projected enrollment by region and rate cell and the appropriate managed care premium rate.

The methods for projecting the TCS per member costs are similar to the approach used to develop the at-risk managed care capitation rates and are consistent with the methods used in prior years. The development of the TCS per member costs are outlined on pages 20 – 21.

Enrollment

For members enrolled under the at-risk MCO contracts and TennCare Select, there was a net enrollment decrease from SFY2017 to SFY2018 of 784,364 member months. This sizeable decrease in membership is expected to continue for SFY2019, since TennCare resumed eligibility re-verification in 2016. SFY2019 enrollment projections were based on latest available enrollment information received from the Bureau.

MCO Enrollment (Member Months)					
Summary by Category of Aid					
	SFY2017	SFY2018	SFY2019	SFY2018 vs. SFY2017	SFY2019 vs. SFY2018
Acute Care					
Medicaid (TANF & Related)*	14,122,955	13,380,876	12,354,735	(742,078)	(1,026,141)
Disabled	1,379,644	1,354,021	1,349,691	(25,624)	(4,330)
Duals / Waiver Duals	1,458,593	1,424,562	1,430,121	(34,031)	5,559
Total Acute Care	16,961,192	16,159,459	15,134,547	(801,733)	(1,024,912)
TennCare Select	796,492	821,768	828,844	25,275	7,076
LTC (CHOICES)					
Duals / Waiver Duals	302,265	293,084	291,512	(9,181)	(1,572)
Non-Duals	46,909	48,184	48,983	1,274	799
Total LTC Care	349,175	341,268	340,495	(7,907)	(773)
Total Enrollment	18,106,859	17,322,495	16,303,886	(784,364)	(1,018,609)

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Projected SFY2019 Per Member Costs by Eligibility Group/Age/Sex

The appendices include a detailed breakdown of each rate cell by various demographic categories. Below is a brief summary of the projection by major age/sex categories.

At-Risk MCO Per Member Costs (Non-CHOICES)

SFY2018 at-risk MCO (Non-CHOICES) medical rates and budgets are shown by region in Exhibits 2a, 3a, and 4a for the East Region, the Middle Region, and the West Region, respectively. The per member cost development by aid categories and rate cell are shown for each region in Exhibits 2b, 3b, and 4b. The per member costs show the expected PMPM cost by major service category based on the SFY2018 rates. Note that directed payments and HIF amounts have not been incorporated into these projections. The incorporation of directed payments is shown on page 22.

Projected MCO Per Member Costs by Rate Group

Emerging SFY2018 experience indicates the projected medical per member costs in last year's report were understated by 0.6% (excluding pharmacy costs). At-risk MCO medical per member costs are expected to increase 3.5% from SFY2018 to SFY2019. When claim costs for members enrolled in TennCare Select are included, the increase is expected to be 3.65%.

Acute Care (MCO Non-CHOICES and TCS) Per Capita Costs (Including Pharmacy) - Fiscal Year 2018						
Summary By Region and Rate Group						
Aid Category	East	Middle	West	MCO Total	TennCare Select	NC + TCS
Medicaid (TANF & Related)*	\$ 277.45	\$ 257.40	\$ 223.92	\$ 254.90	\$ 234.86	\$ 253.93
Disabled	\$ 1,138.03	\$ 1,241.46	\$ 1,124.61	\$ 1,163.98	\$ 1,099.74	\$ 1,160.87
Duals/Waiver Duals	\$ 125.26	\$ 186.19	\$ 164.25	\$ 154.71	\$ 61.67	\$ 150.21
All Eligibility Groups	\$ 344.94	\$ 326.04	\$ 305.33	\$ 326.89	\$ 565.03	\$ 338.41
Member Months	5,773,539	5,811,511	4,574,409	16,159,459	821,768	16,981,227

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Acute Care (MCO Non-CHOICES and TCS) Per Capita Costs (Including Pharmacy) - Fiscal Year 2019						
Summary By Region and Rate Group						
Aid Category	East	Middle	West	MCO Total	TennCare Select	NC + TCS
Medicaid (TANF & Related)*	\$ 280.57	\$ 265.53	\$ 227.92	\$ 260.19	\$ 248.33	\$ 259.57
Disabled	\$ 1,156.83	\$ 1,273.63	\$ 1,151.30	\$ 1,189.22	\$ 1,131.95	\$ 1,186.24
Duals/Waiver Duals	\$ 131.64	\$ 188.30	\$ 167.88	\$ 159.04	\$ 61.85	\$ 153.99
All Eligibility Groups	\$ 353.82	\$ 339.65	\$ 317.18	\$ 338.34	\$ 577.56	\$ 350.76
Member Months	5,421,960	5,443,761	4,268,826	15,134,547	828,844	15,963,391

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

For costs associated with the TennCare members enrolled with the at-risk MCOs, we relied on the actual MCO capitation rates in effect during SFY2018 and SFY2019 and enrollment projections for the same periods. The details for the development of these rates are contained in the Medicaid Rate Certification reports provided to the Bureau of TennCare.

At-Risk MCO Per Member Costs (CHOICES)

Background

The TennCare CHOICES program began in March 2010 in the Middle Region and August 1, 2010 in the East and West Regions. TennCare CHOICES is a capitated, full risk, program that provides comprehensive care management to eligible members for NH services, HCBS, and acute care services.

Eligibility Classes

The CHOICES program categorizes individuals as Dual Eligible or Non Dual Eligible.

TennCare Eligibility Classes
Duals
Non Duals

Demographic Groupings

There was limited data for the younger ages. Consequently, the per member costs were not analyzed by age category. Since male and female per member costs were similar, male and female costs were combined in our analysis.

Projected TennCare CHOICES Expenditures for SFY2018 and 2019

Below is a projection of SFY2018 and SFY2019 expenditures under the CHOICES program. Note that directed payments and HIF amounts have not been incorporated into these projections. The incorporation of directed payments is shown on page 22. In aggregate, total costs for members enrolled in the CHOICES program are expected to increase 3.5%, driven by increased nursing facility cost increases:

Aid Category	SFY 2018			SFY 2019		
	Member Months	PMPM	Total	Member Months	PMPM	Total
Choices 1 & 2						
Duals	265,873	\$ 4,846.61	\$ 1,288,585,903	265,940	\$ 5,022.60	\$ 1,335,709,637
Non-Duals	40,703	\$ 6,444.66	\$ 262,318,165	41,183	\$ 6,607.37	\$ 272,111,494
Choices 3						
Duals	27,211	\$ 1,757.44	\$ 47,821,807	25,572	\$ 1,818.93	\$ 46,513,757
Non-Duals	7,481	\$ 3,892.64	\$ 29,119,163	7,800	\$ 3,968.01	\$ 30,950,494
Total	341,268	\$ 4,769.99	\$ 1,627,845,038	340,495	\$ 4,949.52	\$ 1,685,285,382

The 3.8% PMPM cost increase from SFY2018 to SFY2019 is driven primarily by expected increases in nursing home costs and the increase in acuity and quality based rates.

Exhibit 5 shows the SFY2018 and SFY2019 CHOICES Rate and Budget Summaries statewide and by region along with the SFY2019 Per Member Cost Development.

TennCare Select (TCS) Cost Projection

Eligibility Classes

Per Member costs for the TennCare program vary based on eligibility category. TennCare has historically split membership into four aid categories in which to summarize the data and calculate the rates and project costs. However, recent analysis suggests that there has been significant migration between members assigned to the Medicaid (TANF and Related) and Uninsured/Uninsurable aid categories. Due to this, the experience for the two has been combined for the FY2018 and FY2019 projections in this report.

Navigant has summarized per member costs based on current groups participating under the program. We then projected the costs for each of the groups independently and multiplied by projected enrollment levels to determine both overall projected costs and overall projected per member costs.

TCS Demographic Groupings

In addition to eligibility category, the per member costs also vary significantly based on demographic group. Age groupings are used for most eligibility categories where use of health care services varies significantly by age. The “Duals/Waiver Duals” category is the only group without an age breakout. Below is a summary of the most detailed demographic groupings:

Age Groups	Gender Split
Under 1	Combined
01-13	Combined
14-20	Male/Female
21-44	Male/Female
45-64	Combined
65 and over	Combined

TCS Base Year Cost and Utilization

Determination of Units

Encounter records were classified into the detailed service categories shown in the attached tables using combinations of diagnosis codes, procedure codes, revenue codes, and claim type indicators. Hospital inpatient data was run through the MS-DRG grouper and assigned a diagnosis related group (DRG). Over 95% of the data was assigned a DRG, which is high considering not all providers are compensated in that manner. After grouping and categorizing the claims, they were further summarized into appropriate eligibility and demographic groups.

In this summarization process, unit counts were made for each service category. The following table details the types of units that were counted for each detailed service category.

Determination of Service Units	
Major Service Group	Units Counted
Home Health Care	Claims
Inpatient	Days
Outpatient	Claims
Professional	Services
DME/Supplies	Claims
Lab	Services
Radiology	Services
Transportation	Claims

In the table, “Services” indicates the actual unit counts that were recorded on each claim. “Claims” or “Prescriptions” refers to a count of “1” for each claim record in the historical database. “Days” are used for inpatient units, and represent the inpatient length of stay, outlined below.

TCS Data Adjustments

Below is a summary of the non-system capitation payments and other payments added to the claim data for TCS for the base period April 2017 through March 31, 2018.

Case Management Fees and Other Payments Loaded To Baseline Data	
Capitation Payments	\$ 5,652,300
Other Payments	\$ 1,194,869
Total	\$ 6,847,169

Subcapitated payments and fees paid by the TCS MCO outside of the claim system to their providers were added to the Transportation and Professional Other components and spread evenly across all eligibility groups and demographic categories.

A final review was performed to ensure that the projected paid claims were consistent and balanced to the data reported by the TCS MCO. No further adjustment factors were necessary.

Third Party Liability and Participant Cost Sharing

The per member costs shown here are inclusive of adjustments for Third Party Liability, with the exception of subrogation. We have assumed plans will continue to collect payments for Third Party Liability at levels similar to those observed during the data period.

Point-of-service cost sharing is currently required for some of those individuals who are in the Uninsured and Uninsurable eligibility categories. Most cost sharing applies only to those with an income above 100% of the federal poverty level. Current levels of cost sharing are reflected in the per member costs.

TCS Claims Completion and Trend Factors

Completion Factors

The base data periods used includes claims incurred from April 2016 through March 2017 and April 2017 through March 2018 with claim payments through September 2018. Using detailed claim data through September 30, 2018, Navigant was able to calculate the outstanding Incurred But Not Reported (IBNR) claims as of September 30, 2018.

Trend Factors

Trend rates are comprised of changes in cost per unit of service as well as changes in the volume of services used per person over time. Navigant examined the historical data for the most recent 24-month period. From this data and other external sources, we developed our prospective trends from the base period to SFY2018 and SFY2019. Our trend rates recognize the impact of built in escalators (e.g., CPI adjustments, charge master increases, Medicare payment trends, etc.). Trends can be found in Exhibit 6f.

Administrative Costs and Premium Taxes

Navigant estimated ASO fees for TCS using the claims and administrative cost invoices from the medical administrators. Administrative costs, as a percent of total per member costs, are expected to be 5.4% for both SFYs. Pharmacy administrative costs were developed separately and are described in the Pharmacy section below.

MCOs participating in the TennCare program (including TennCare Select) are also required to pay a premium tax on their premium revenues. The tax is assumed to be 6.0% for both SFY2018 and SFY2019.

TCS Per Member Costs

The per member costs are calculated based on the historical data shown in Exhibit 6a. As discussed above (Data Adjustments and Anomalies) the data was adjusted to reflect missing elements and capitation amounts. The final baseline was checked against the MFT reports, invoices, and the prior Actuarial Report. The adjusted data was determined to be consistent.

The steps used for calculating the per member costs for 2019 are as follows:

1. Exhibit 6a provides the baseline data for TCS. The exhibits include paid expenditures, member months, units (as discussed earlier), utilization rates based on a "per 1,000" methodology, amount paid per unit of service, and per member per month paid.

The encounter data is summarized by the demographic and eligibility rate cells. As the data cells become smaller, the credibility of each specific cell decreases. This information is the starting point for the per member cost calculation.

2. The results in Exhibit 6a are brought forward to Exhibit 6b, which includes utilization rates per 1,000, paid expenditures per unit, paid expenditure PMPM, and member months for each rate cell and service category. The trend rates, benefit adjustment factors, and completion factors are detailed in Exhibits 6e and 6f for TCS.
3. The paid amounts are multiplied by any data adjustment factors (primarily IBNR factors for this analysis) to complete the data period claims. The trend factors are applied to the base data period to project the per member costs for SFY2018 and SFY2019.
4. Administrative costs are added to calculate the per member costs for SFY2019. Administrative loads are different than those used for pharmacy (discussed earlier).

Resulting per member costs are calculated for each region and rate cell in Exhibit 6b.

Exhibit 6c summarizes the projected rates by major service category on a PMPM basis as well as a total budgeted amount.

Exhibit 6d summarizes the rate cells on a PMPM and a total basis.

Note that directed payments and HIF amounts have not been incorporated into these projections. The incorporation of directed payments is shown on page 22. More detail on directed payment amounts assumed for TCS are in exhibit 6g.

Application of Directed Payment Amounts into the Capitated Rates and TCS

For both CHOICES and Non-CHOICES, amounts associated with directed payment arrangements were incorporated into the CY2018 and CY2019 rates as detailed below. Note that only some of the directed payment amounts are also allocated across TCS claims. For directed payments in 2018, the State provided latest available amounts by MCO and region as available and Navigant projected these forward to fill out the year as needed based on State feedback. For directed payments in 2019, the State provided target amounts to include with the intention of revising these amounts as part of the mid-year rate adjustment once more is known. These amounts, grossed up for premium tax, were allocated separately from the rest of the rate-setting process.

- Hospital directed payments: The State allocated \$455m (prior to grossing up with premium tax) to inpatient and outpatient claim costs for each calendar year 2018 and 2019. This was allocated across all CHOICES and Non-CHOICES rates. \$30.0m is expected to be paid for TCS claims in 2018, though 2019 claims associated with TennCare Select are not expected to receive this increase.
- PCMH Activity and Practice Transformation Payments: The State projects that, including premium tax, \$28.5m would be paid out in 2018 and \$14.2m would be paid out in 2019. Of this, \$1.26m is expected to be paid out for TCS members enrolled per fiscal year.
- PCMH Outcome Payments: The State projects that, including premium tax, \$1.5m would be paid out in 2018 and \$4.7m would be paid out in 2019. These amounts were not allocated to TCS.
- Emergency Medical Services (EMS) directed payments: The State projects that, including premium tax, \$14.9m would be paid out in 2018 and \$44.9m would be paid out in 2019. \$500k is expected to be paid out for TCS members in the first half of 2018 and \$1.3m in CY2019.
- Medication Therapy Management (MTM) Directed Payments: The State projects that, including premium tax, \$2.1m would be paid out in 2018 and \$2.5m would be paid out in 2019. Of this, \$57k is expected to be paid out for TCS members in 2019.
- Physician UPL directed payments: The State projects that, including premium tax, \$17.2m will be paid out in 2019. Of this, \$2.4m is expected to be paid out for TCS members enrolled in 2019.

Additionally, though it is not a directed payment, the State allocated \$23.9m towards outcome payments for the Health Links Program in CY2018, which was allocated uniformly across all CHOICES and Non-CHOICES rates. For the CY2019 rates, \$6.5m was included in the base rates for Health Links outcome payments. No allocation for TCS is assumed.

We note that directed payment amounts were available by MCO for all directed payments except for MTM. While MCO- and region-specific directed payments were applied as available, in this report we are showing the aggregate impacts for confidentiality between MCOs. The breakdown of these amounts to the different programs is provided in more detail in exhibit 1d and 1e. Note that the SFY2018 directed payment increases shown in this report are not representative of the amounts paid out in SFY2018. Rather, these use the CY2018 rates with directed payments and the CY2017 rates, which did not have any directed payments, weighted by membership between the two periods Jul-Dec 2017 and Jan-Jun 2018. Similarly, the SFY2019 directed payment amounts are the result of the blend between the CY2018 and CY2019 rates with directed payments, weighted using the membership between the periods Jul-Dec 2018 and Jan-Jun 2019. However, the SFY2018 and SFY2019 amounts for TennCare Select are based on best estimates of what would be paid during those two periods.

Section VI — Pharmacy Per Member Cost

Eligibility Classes and Dependent Grouping

Pharmacy per member costs vary based on eligibility category and demographic grouping. The pharmacy breakouts are consistent with those used for the TennCare Per Member Costs detailed in Section V.

Base Year Cost and Utilization

Determination of Units

Encounter records were classified by the pharmacy generic indicator. The data was mapped into brand, generic and non-drug categories using Navigant’s national drug code (NDC) mapping table. The non-drug category is primarily supplies and represented approximately 1.6% of the total spend. Due to the variability in unit and dosage amounts, Navigant classified pharmacy units as the number of prescriptions.

Data Adjustments and Anomalies

A review was performed to ensure that the projected paid claims were consistent and balanced to the data reported by the TennCare Bureau. The review showed the data to be within 1% and no adjustments were required.

Claims Completion and Trend Factors

Completion Factors

The pharmacy claims had three months of run-out, and completion factors were required to develop incurred claims. Lag triangles were used to develop the completion factors.

Trend Factors

The baseline data covers claims incurred from April 2017 through March 2018 and paid through September 30, 2018.

Trend rates are comprised of changes in cost per unit of service as well as changes in the volume of services used per person over time. Navigant has examined historical data for the last 48 months, including 2018 YTD, to calculate the combined utilization and cost trend rates. Our trend rates recognize the impact of escalators built into provider contracts (e.g., AWP adjustments, MAC pricing, etc.) as well as the impact of emerging specialty drugs, such as the new Hepatitis C therapies that recently became available. The annualized trend from the base data to SFY2018 is calculated to be -0.52% and from SFY2018 to SFY2019 is projected to be 2.28%.

Administrative Costs

The rates in our actuarial review use pharmacy encounter data as the baseline. In order to develop a total per member cost, it is necessary to add an amount to cover plan administration expenses.

Navigant estimated ASO fees using Magellan’s claims and administrative cost invoices from SFY2018. Administrative costs, as a percent of total per member costs, are expected to be 1.08% for SFY2018 and SFY2019.

Per Member Costs

Per member costs are calculated based on the historical data shown in Exhibit 7a. This data serves as the baseline costs and was checked against the invoices and the prior Actuarial Report. The data was determined to be consistent.

The steps used for calculating per member costs for SFY2018 and 2019 are as follows:

1. Exhibit 7a provides the baseline data summarized statewide and for each major region – East, Middle, and West. The exhibit includes paid expenditures, member months, units (as discussed earlier), utilization rates based on a “per 1,000” methodology, amount paid per unit of service, and per member per month incurred and paid.
2. The encounter data is summarized by the demographic and eligibility rate cells. As the data cells become smaller, the credibility of each specific cell decreases. This information is the starting point for the per member cost calculation.
3. The results in Exhibit 7a are brought forward to Exhibit 7b, which includes utilization rates per 1,000, paid expenditures per unit, paid expenditure PMPM, and member months for each rate cell and service category. The trends used and factors applied are detailed in Exhibit 7b as well.
4. The trend factor is applied to SFY2018 to project the per member costs for SFY2019.
5. Administrative costs are added to calculate the per member costs for SFY2018 and SFY2019.

Resulting per member costs are calculated in Exhibit 7c for each of the per member cost cells. Exhibit 7c summarizes all the rate cells by both PMPM and a total basis. Exhibit 7c also provides a summary of the projections by each major region – East, Middle, and West.

Per member costs include adjustments for Third Party Liability and any participant point-of-service cost sharing. Current levels of any cost sharing are reflected in the per member costs.

Projected Pharmacy Per Member Costs by Rate Group

Projected SFY2018 and SFY2019 pharmacy per capita costs by rate group are shown below:

Pharmacy PMPM SFY2018				
Aid Category	East	Middle	West	State
Medicaid and Uninsured	\$ 49.72	\$ 40.24	\$ 34.37	\$ 41.88
Disabled	\$ 319.39	\$ 292.26	\$ 249.46	\$ 288.56
Duals/Waiver Duals	\$ 1.59	\$ 1.54	\$ 1.51	\$ 1.55
All Eligibility Groups	\$ 73.45	\$ 59.52	\$ 56.64	\$ 63.64

Pharmacy PMPM SFY2019				
Aid Category	East	Middle	West	State
Medicaid and Uninsured	\$ 50.72	\$ 41.07	\$ 35.11	\$ 42.76
Disabled	\$ 326.68	\$ 299.24	\$ 255.34	\$ 295.28
Duals/Waiver Duals	\$ 1.63	\$ 1.57	\$ 1.55	\$ 1.59
All Eligibility Groups	\$ 76.31	\$ 61.79	\$ 59.33	\$ 66.25

Projected Pharmacy Costs by Service Categories

Per Capita pharmacy costs separated by service category (Brand, Generic, and Non-Drug) are shown in the table below. Brand drugs continue to represent the majority of the cost on a per capita basis, representing just over 80% of the total cost per person.

Summary of Per Capita Pharmacy Costs by Service Category				
Service Category	SFY2018 PMPM		SFY2019 PMPM	
	PMPM	Total	PMPM	Total
Member Months	17,322,495		16,303,887	
Brand	\$ 50.94	\$ 882,339,243	\$ 53.12	\$ 866,076,661
Generic	\$ 11.01	\$ 190,675,258	\$ 11.36	\$ 185,264,761
Non-Drug	\$ 1.01	\$ 17,466,227	\$ 1.05	\$ 17,100,899
Total	\$ 62.95	\$ 1,090,480,728	\$ 65.53	\$ 1,068,442,321
Admin	\$ 0.69	\$ 11,952,522	\$ 0.72	\$ 11,738,799
Premium Tax	\$ -	\$ -	\$ -	\$ -
Total Premium Rate	\$ 63.64	\$ 1,102,384,547	\$ 66.25	\$ 1,080,103,517

Enrollment estimates for both SFY2018 and SFY2019 rely on enrollment projections created with TennCare’s input, incorporating members enrolled in managed care (the CHOICES and Non-CHOICES programs) and TennCare Select.

Projected SFY2019 Per Member Costs by Eligibility Group/Age/Sex

The appendices include a detailed breakdown of each rate cell by various demographic categories. Below is a brief summary of the projection by major age/sex categories and region.

Aid Category	Age Group	SFY2019 PMPM			
		East	Middle	West	State
Medicaid (TANF & Related)*					
	Age Under 1	\$ 18.35	\$ 13.35	\$ 12.76	\$ 14.83
	Age 1 - 13	\$ 36.54	\$ 27.44	\$ 22.69	\$ 29.18
	Age 14 - 20 Female	\$ 53.53	\$ 39.24	\$ 30.66	\$ 41.96
	Age 14 - 20 Male	\$ 45.65	\$ 38.85	\$ 38.98	\$ 41.31
	Age 21 - 44 Female	\$ 67.38	\$ 59.45	\$ 52.33	\$ 60.12
	Age 21 - 44 Male	\$ 58.40	\$ 48.11	\$ 45.68	\$ 51.66
	Age 45 - 64	\$ 146.29	\$ 134.46	\$ 116.55	\$ 134.52
	Age 65+	\$ 48.93	\$ 90.74	\$ 68.87	\$ 72.59
	All Ages	\$ 50.72	\$ 41.07	\$ 35.11	\$ 42.76
Disabled					
	Age <21	\$ 305.52	\$ 250.84	\$ 178.00	\$ 239.78
	Age 21+	\$ 331.95	\$ 316.01	\$ 286.76	\$ 313.40
	All Ages	\$ 326.68	\$ 299.24	\$ 255.34	\$ 295.28
Duals / Waiver Duals					
	All Ages	\$ 1.63	\$ 1.57	\$ 1.55	\$ 1.59
All Groups	All Ages	\$ 76.31	\$ 61.79	\$ 59.33	\$ 66.25

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Utilization by Therapeutic Class

Navigant also mapped the pharmacy data into therapeutic classifications using the HIC3 classification.

Exhibits 7d through 7g summarize the pharmacy base period claims data by region (Exhibit 7d), Aid category (Exhibit 7e) and drug type (Exhibit 7f). An additional report highlights the top drugs with their associated therapeutic classification in Exhibit 7g.

Section VII — Dental Per Member Cost

Eligibility Classes

Dental per member costs vary based on eligibility category. TennCare has historically split membership into four aid categories in which to summarize the data and calculate the rates and project costs. Below is brief summary of the categories used.

TennCare Eligibility Classes	
Current	Ages
Medicaid (TANF and Related)	Under 21
Uninsured/Uninsurable	Under 21
Disabled	Under 21
Duals/Waiver Duals	Under 21

However, recent analysis suggests that there has been significant migration between members assigned to the Medicaid (TANF and Related) and Uninsured/Uninsurable aid categories. Due to this, the experience for the two has been combined for the FY2018 and FY2019 Dental projections, similar to others in this report.

Navigant summarized per member costs based on the above groups participating under the program, separating further by age and gender as appropriate and consistent with prior reports as detailed below. We then projected costs for each of the groups independently and multiplied by projected enrollment levels to get both overall projected costs and overall projected per member costs.

Demographic Groupings

In addition to eligibility category, the per member costs also vary significantly based on demographic group. Age groupings are used for most eligibility categories where use of health care services varies by demographic grouping. Below is a summary of the demographic groups.

Age Groups	Gender Split
Under 14	Combined
14-20	Male/Female
21 and over	Combined

Base Year Cost and Utilization

The baseline data covers claims incurred from April 2017 through March 2018 and paid through September 2018.

Determination of Units

Encounter records were classified into the detailed service categories shown in the attached tables using a combination of diagnosis codes, procedure codes and claim type indicators. After grouping and categorizing the claims, they were further summarized into appropriate eligibility and demographic groups.

In this summarization process, unit counts were made for each service category. “Services” indicates the actual unit counts that were recorded on each claim. All units in the dental encounter data were tabulated based on number of services rendered on each claim record.

Determination of Service Units	
Major Service Group	Units Counted
Diagnostic	Services
Preventive	Services
Restorative	Services
Endodontics	Services
Oral Surgery	Services
Orthodontics	Services
Other	Services

Data Adjustments and Anomalies

A review was performed to ensure that the projected paid claims were consistent and balanced to the data reported by TennCare. The review showed the data to be satisfactory, and no adjustments were required.

Third Party Liability and Participant Cost Sharing

The per member costs shown here are inclusive of adjustments for Third Party Liability, with the exception of subrogation. We have assumed the administrator will continue to collect payments for Third Party Liability at levels similar to those observed during the data period.

Claims Completion and Trend Factors

Completion Factors

Dental claims had three months of run-out, and completion factors were required to develop incurred claims. Lag triangles were used to develop the completion factors.

Trend Factors

Trend rates are comprised of changes in cost per unit of service as well as changes in the volume of services used per person over time. Navigant has examined the historical data for the last 48 months through September 30, 2018 to calculate the combined utilization and cost trend rates. The annualized trend from the base data (April 2017 through March 2018) to SFY2018 is calculated to be 2.0%. We project the annualized PMPM trend from SFY2018 to SFY2019 to be 1.79%.

Administrative Costs

The rates in this report use dental plan encounter data as the baseline. In order to develop a total per member cost, it is necessary to add an amount to cover dental plan administration. The dental plan is not subject to the Tennessee premium tax due to the funding arrangement.

Navigant estimated ASO fees using the dental claims and administrative cost invoices. Administrative costs, as a percent of total per member costs, are expected to be 1.85% for both SFY2018 and SFY2019.

Per Member Costs

The per member costs are calculated based on the historical data shown in Exhibit 8a. This data serves as the baseline costs and was checked against the Invoices and the prior Actuarial Report. The data was determined to be consistent.

The steps used for calculating the per member costs for SFY2018 and 2019 are as follows:

1. Exhibit 8a provides the baseline data summarized statewide and for each major region – East, Middle and West. The exhibit includes paid expenditures, member months, units (as discussed earlier), utilization rates based on a “per 1,000” methodology, amount paid per unit of service, and per member per month paid.
2. The encounter data is summarized by the demographic and eligibility rate cells. As the data cells become smaller, the credibility of each specific cell decreases. This information is the starting point for the per member cost calculation.
3. The results in Exhibit 8a are brought forward to Exhibit 8b, which includes utilization rates per 1,000, paid expenditures per unit, paid expenditure PMPM, and member months for each rate cell and service category. The trends used and factors applied are detailed in Exhibit 8b as well.
4. Trend is applied to SFY2018 to project the per member costs for SFY2019.
5. Administrative costs are added to calculate the per member costs for SFY2018 and SFY2019.

Resulting per member costs are calculated in Exhibit 8b for each of the per member cost cells.

Exhibit 8c summarizes the projected rates by major service category on a PMPM basis as well as a total budgeted amount. Exhibit 8d similarly summarizes all the rate cells by both PMPM and a total basis. Exhibit 6d also provides a summary of the projections by each major region – East, Middle, and West.

The per member costs include adjustments for Third Party Liability and any participant point-of-service cost sharing. Current levels of any cost sharing are reflected in the per member costs.

Projected Dental Per Member Costs by Rate Group

The restated SFY2018 dental experience is shown below:

Dental Per Member Costs - SFY2018					
Summary By Rate Group					
Aid Category	East	Middle	West	State	
Medicaid (TANF & Related)	\$ 15.91	\$ 17.84	\$ 14.10	\$ 16.12	
Disabled	\$ 16.57	\$ 17.66	\$ 13.99	\$ 15.96	
Duals/Waiver Duals	\$ 20.82	\$ 34.73	\$ 24.06	\$ 26.16	
All Eligibility Groups	\$ 15.94	\$ 17.83	\$ 14.10	\$ 16.12	

Projected Dental Costs by Service Categories

Dental Summary By Service Category All Regions - All Eligibility Groups				
Service Category	SFY2018		SFY2019	
	Per Member	Total*	Per Member	Total**
Diagnostic	\$ 2.99	\$ 30,065,692	\$ 3.04	\$ 28,567,653
Preventive	\$ 3.57	\$ 35,958,365	\$ 3.63	\$ 34,101,222
Restorative	\$ 4.92	\$ 49,482,201	\$ 5.03	\$ 47,196,924
Endodontics	\$ 0.92	\$ 9,268,055	\$ 0.94	\$ 8,864,717
Oral Surgery	\$ 1.41	\$ 14,211,881	\$ 1.46	\$ 13,672,560
Orthodontics	\$ 1.05	\$ 10,610,873	\$ 1.08	\$ 10,157,085
Other	\$ 0.96	\$ 9,643,395	\$ 0.98	\$ 9,223,778
Admin	\$ 0.30	\$ 3,001,476	\$ 0.31	\$ 2,860,930
Total	\$ 16.12	\$ 162,241,939	\$ 16.47	\$ 154,644,868

*SFY2018 Assumed Average Enrollment: 838,778 less than 21 years of age

**SFY2019 Assumed Average Enrollment: 782,516 less than 21 years of age

Enrollment estimates for both SFY2018 and SFY2019 rely on enrollment projections created with TennCare’s input, incorporating members enrolled in managed care (the CHOICES and Non-CHOICES programs) and TennCare Select.

Projected SFY2019 Per Member Costs by Eligibility Group/Age/Sex

The appendices include a detailed breakdown of each rate cell by various demographic categories. Below is a brief summary of the projection by major age/sex categories and region.

SFY2019 Dental Per Member Costs (PMPM)					
Aid Category	Age Group	East	Middle	West	State
Medicaid (TANF & Related)*					
	Age Under 14	\$ 13.43	\$ 16.32	\$ 12.79	\$ 14.36
	Ages 14 - 20 : Female	\$ 25.73	\$ 26.38	\$ 21.23	\$ 24.71
	Ages 14 - 20 : Male	\$ 22.18	\$ 21.19	\$ 16.73	\$ 20.31
	All Ages	\$ 16.27	\$ 18.20	\$ 14.39	\$ 16.48
Disabled					
	Age Under 14	\$ 13.00	\$ 15.79	\$ 12.43	\$ 13.71
	Ages 14 - 20 : Female	\$ 25.55	\$ 24.22	\$ 20.18	\$ 23.07
	Ages 14 - 20 : Male	\$ 20.52	\$ 19.87	\$ 15.08	\$ 18.29
	All Ages	\$ 16.86	\$ 17.98	\$ 14.24	\$ 16.24
Duals					
	Age Under 14	\$ -	\$ -	\$ 13.57	\$ 8.91
	Ages 14 - 20 : Female	\$ 28.42	\$ 42.33	\$ 37.14	\$ 34.77
	Ages 14 - 20 : Male	\$ 15.93	\$ 32.12	\$ 17.04	\$ 21.77
	All Ages	\$ 21.19	\$ 35.35	\$ 24.49	\$ 26.64
All Groups	All Ages	\$ 16.30	\$ 18.20	\$ 14.39	\$ 16.47

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

Index of Exhibits

Managed Care Organizations (MCO Non-CHOICES and TCS) – Statewide

- Exhibit 1a – TennCare Medical Rate and Budget Summary for TennCare Select and At-Risk MCOs
- Exhibit 1b – TennCare Medical Rate and Budget Summary for At-Risk MCOs
- Exhibit 1c – TennCare Medical Budget Amount Detail by Service Category
- Exhibit 1d – TennCare Directed Payments by Population FY2018 and FY2019
- Exhibit 1e – TennCare Directed Payments Breakdown CY2018 and CY2019

Managed Care Organizations (MCO Non-CHOICES) Capitation Rate and Budget Summary

- Exhibit 2a – East Region Medical Rate and Budget Summary
- Exhibit 2b – East Region SFY2019 Per Member Cost Development
- Exhibit 3a – Middle Region Medical Rate and Budget Summary
- Exhibit 3b – Middle Region SFY2019 Per Member Cost Development
- Exhibit 4a – West Region Medical Rate and Budget Summary
- Exhibit 4b – West Region SFY2019 Per Member Cost Development

Long Term Care – CHOICES Capitation Rate and Budget Summary

- Exhibit 5a – Long Term Care – CHOICES Rate and Budget Summary by Region
- Exhibit 5b – Long-Term Care – CHOICES SFY2019 Per Member Cost Development by Region

TennCare Select Cost Projections

- Exhibit 6a – Historical Encounter Data
- Exhibit 6b – Development of Per Member SFY2018 and SFY2019 Costs
- Exhibit 6c – Total TennCare Medical Budget Amount
- Exhibit 6d – TennCare Medical Rate and Budget Summary
- Exhibit 6e – Trend Assumptions and Completion Factors
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Pharmacy Cost Projections

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- Exhibit 8b – Development of Dental Statewide Per Member Costs
- Exhibit 8c – Total Dental Statewide Budget Amount
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TennCare Acute Care

Exhibit 1a

SFY 2018 & SFY 2019 Per Capita Cost Projection

Medical Rate and Budget Summary for TennCare Select and At Risk MCOs Statewide

Aid Category	Age Group	SFY 2018			SFY 2019		
		Member Months	PMPM	Total	Member Months	PMPM	Total
Medicaid (TANF & Related)*							
	Age Under 1	626,798	\$ 715.61	\$ 448,543,151	608,580	\$ 686.86	\$ 418,009,028
	Age 1 - 13	6,578,408	\$ 122.10	\$ 803,247,200	6,038,979	\$ 124.38	\$ 751,105,280
	Age 14 - 20 Female	1,252,688	\$ 219.17	\$ 274,549,655	1,202,833	\$ 227.54	\$ 273,693,507
	Age 14 - 20 Male	1,155,348	\$ 145.60	\$ 168,222,848	1,094,622	\$ 153.75	\$ 168,298,037
	Age 21 - 44 Female	2,838,572	\$ 311.36	\$ 883,806,862	2,659,355	\$ 315.72	\$ 839,616,906
	Age 21 - 44 Male	630,436	\$ 208.45	\$ 131,416,266	520,150	\$ 225.55	\$ 117,320,700
	Age 45 - 64	629,624	\$ 323.22	\$ 203,507,649	574,614	\$ 327.99	\$ 188,469,891
	Age 65+	34,280	\$ 238.46	\$ 8,174,487	34,763	\$ 239.15	\$ 8,313,525
	All Ages	13,746,153	\$ 212.53	\$2,921,468,118	12,733,896	\$ 217.12	\$2,764,826,874
Disabled							
	Age <21*	59,242	\$ 1,439.11	\$ 85,255,075	60,834	\$ 1,513.17	\$ 92,052,404
	Age 21+	1,294,779	\$ 849.63	\$1,100,080,629	1,288,857	\$ 864.71	\$1,114,486,459
	All Ages	1,354,021	\$ 875.42	\$1,185,335,704	1,349,691	\$ 893.94	\$1,206,538,863
Duals/Waiver Duals							
	All Ages	2,246,329	\$ 280.55	\$ 630,208,578	2,258,965	\$ 287.29	\$ 648,972,756
All Groups	All Ages	17,346,503	\$ 273.08	\$4,737,012,400	16,342,552	\$ 282.72	\$4,620,338,493

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

TennCare Acute Care

Exhibit 1b

SFY 2018 & SFY 2019 Per Capita Cost Projection

Medical Rate and Budget Summary for At Risk MCOs Statewide

Aid Category	Age Group	SFY 2018			SFY 2019		
		Member Months	PMPM	Total	Member Months	PMPM	Total
Medicaid (TANF & Related)*							
	Age Under 1	618,977	\$ 712.12	\$ 440,783,213	600,244	\$ 681.59	\$ 409,117,552
	Age 1 - 13	6,407,931	\$ 120.90	\$ 774,738,344	5,861,212	\$ 122.82	\$ 719,889,468
	Age 14 - 20 Female	1,203,888	\$ 215.13	\$ 258,997,086	1,151,549	\$ 222.64	\$ 256,385,062
	Age 14 - 20 Male	1,086,007	\$ 141.01	\$ 153,141,199	1,022,998	\$ 148.33	\$ 151,745,038
	Age 21 - 44 Female	2,838,572	\$ 311.36	\$ 883,806,862	2,659,355	\$ 315.72	\$ 839,616,906
	Age 21 - 44 Male	630,436	\$ 208.45	\$ 131,416,266	520,150	\$ 225.55	\$ 117,320,700
	Age 45 - 64	583,243	\$ 343.89	\$ 200,568,970	526,767	\$ 351.62	\$ 185,220,154
	Age 65+	11,823	\$ 589.57	\$ 6,970,345	12,460	\$ 563.33	\$ 7,019,052
	All Ages	13,380,876	\$ 213.02	\$2,850,422,286	12,354,735	\$ 217.43	\$2,686,313,933
Disabled							
	Age <21	59,242	\$ 1,439.11	\$ 85,255,075	60,834	\$ 1,513.17	\$ 92,052,404
	Age 21+	1,294,779	\$ 849.63	\$1,100,080,629	1,288,857	\$ 864.71	\$1,114,486,459
	All Ages	1,354,021	\$ 875.42	\$1,185,335,704	1,349,691	\$ 893.94	\$1,206,538,863
Duals/Waiver Duals							
	All Ages	1,424,562	\$ 153.16	\$ 218,181,782	1,430,121	\$ 157.45	\$ 225,174,395
All Groups	All Ages	16,159,459	\$ 263.25	\$4,253,939,772	15,134,547	\$ 272.09	\$4,118,027,191

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

TennCare Acute Care
SFY 2019 Per Capita Cost Development

Exhibit 1c

Medical Budget Amounts by Service Category for TennCare Select and At Risk MCOs Statewide

Service Category	TennCare Select	At Risk MCO	Total	Total PMPM
Membership	828,844	15,134,547	15,963,391	15,963,391
Home Health Care	120,921,950	98,764,380	219,686,330	13.76
Hospice	-	64,291,254	64,291,254	4.03
IP - Maternity	872,218	86,847,397	87,719,615	5.50
IP - Newborn	8,620,683	255,651,404	264,272,088	16.55
IP - Medical	19,972,893	271,401,820	291,374,712	18.25
IP - Surgery	15,366,034	246,632,971	261,999,005	16.41
IP - Other	4,787,554	36,136,584	40,924,138	2.56
Subtotal - Inpatient	49,619,382	896,670,176	946,289,558	59.28
OP - Emergency Room	8,109,378	337,415,132	345,524,510	21.64
OP - Laboratory	759,657	9,434,586	10,194,243	0.64
OP - Radiology	1,676,204	40,009,940	41,686,144	2.61
OP - Surgery	14,626,168	258,886,684	273,512,852	17.13
OP - Other	12,199,077	78,959,471	91,158,548	5.71
Subtotal - Outpatient	37,370,483	724,705,813	762,076,296	47.74
Prof - Evaluation & Management	23,218,014	476,859,192	500,077,205	31.33
Prof - Maternity	434,868	46,978,447	47,413,314	2.97
Prof - Surgery	4,461,464	101,987,399	106,448,864	6.67
Prof - DME/Supplies	26,777,257	61,069,793	87,847,050	5.50
Prof - Lab	1,648,904	64,331,051	65,979,954	4.13
Prof - Radiology	1,638,449	71,690,370	73,328,818	4.59
Prof - Transportation	6,481,115	111,690,667	118,171,783	7.40
Prof - Other	28,883,460	327,079,229	355,962,689	22.30
Subtotal - Professional	93,543,531	1,261,686,147	1,355,229,677	84.90
MH - Inpatient	19,587,084	142,718,662	162,305,746	10.17
MH - Outpatient	19,961,663	208,375,935	228,337,598	14.30
MH - Case Rates	-	2,090,630	2,090,630	0.13
MH - Grants	-	380,878	380,878	0.02
MH - In-Home Services	8,429,301	10,596,901	19,026,201	1.19
MH - Supported Housing	458,700	41,722,140	42,180,841	2.64
MH - 23 Hour	4,593	214,913	219,507	0.01
MH - Intensive Outpatient	699,303	5,613,065	6,312,368	0.40
MH - Partial Hospitalization	73,026	3,305,335	3,378,360	0.21
MH - Transportation	-	8,321,686	8,321,686	0.52
Subtotal - Mental Health	49,213,670	423,340,145	472,553,815	29.60
Total	\$ 350,669,016	\$ 3,469,457,915	\$ 3,820,126,931	\$ 239.31
Admin	\$ 21,130,227	\$ 401,487,645	\$ 422,617,872	\$ 26.47
Premium Tax	\$ 21,639,109	\$ 247,081,631	\$ 268,720,741	\$ 16.83
Total Premium	\$ 393,438,352	\$ 4,118,027,191	\$ 4,511,465,543	\$ 282.61

TennCare Acute and Long-Term Care
Application of Directed Payments by Fiscal Year

Exhibit 1d

Program & Region	FY2018					
	MMs	Base Costs	Directed Payments		Total Cost	Increase (%)
			Total	PMPM		
Non-CHOICES East	5,773,539	\$ 1,567,435,239	\$ 85,517,327	\$ 14.81	\$1,652,952,566	5.46%
Non-CHOICES Middle	5,811,511	\$ 1,548,895,634	\$ 105,730,685	\$ 18.19	\$1,654,626,319	6.83%
Non-CHOICES West	4,574,409	\$ 1,137,608,899	\$ 73,153,926	\$ 15.99	\$1,210,762,824	6.43%
Non-CHOICES Total	16,159,459	\$ 4,253,939,772	\$ 264,401,937	\$ 16.36	\$4,518,341,709	6.22%
CHOICES East	125,801	\$ 596,632,369	\$ 1,861,539	\$ 14.80	\$ 598,493,908	0.31%
CHOICES Middle	114,909	\$ 548,377,779	\$ 2,090,531	\$ 18.19	\$ 550,468,310	0.38%
CHOICES West	100,558	\$ 482,834,890	\$ 1,602,774	\$ 15.94	\$ 484,437,665	0.33%
CHOICES Total	341,268	\$ 1,627,845,038	\$ 5,554,844	\$ 16.28	\$1,633,399,882	0.34%
TennCare Select	821,768	\$ 412,026,797	\$ 16,395,176	\$ 19.95	\$ 428,421,973	3.98%
Total	17,322,495	\$ 6,293,811,606	\$ 286,351,957	\$ 16.53	\$6,580,163,564	4.55%

Program & Region	FY2019					
	MMs	Base Costs	Directed Payments		Total Cost	Increase (%)
			Total	PMPM		
Non-CHOICES East	5,421,960	\$ 1,504,655,344	\$ 169,667,390	\$ 31.29	\$1,674,322,735	11.28%
Non-CHOICES Middle	5,443,761	\$ 1,512,649,236	\$ 201,751,893	\$ 37.06	\$1,714,401,129	13.34%
Non-CHOICES West	4,268,826	\$ 1,100,722,611	\$ 143,260,088	\$ 33.56	\$1,243,982,699	13.02%
Non-CHOICES Total	15,134,547	\$ 4,118,027,191	\$ 514,679,372	\$ 34.01	\$4,632,706,563	12.50%
CHOICES East	125,026	\$ 614,702,843	\$ 4,128,356	\$ 33.02	\$ 618,831,199	0.67%
CHOICES Middle	115,417	\$ 575,885,509	\$ 4,435,626	\$ 38.43	\$ 580,321,134	0.77%
CHOICES West	100,052	\$ 494,697,030	\$ 4,000,555	\$ 39.98	\$ 498,697,586	0.81%
CHOICES Total	340,495	\$ 1,685,285,382	\$ 12,564,537	\$ 36.90	\$1,697,849,919	0.75%
TennCare Select	828,844	\$ 423,798,361	\$ 20,389,702	\$ 24.60	\$ 444,188,063	4.81%
Total	16,303,886	\$ 6,227,110,934	\$ 547,633,611	\$ 33.59	\$6,774,744,545	8.79%

TennCare Acute and Long-Term Care
Application of Directed Payments by Fiscal Year

Exhibit 1e

Program & Region	CY2018						Total
	Hospital DP	EMS DP	PCMH Activity & Trans. Pmts	PCMH Outcome Pmts	MTM DP	Health Link Outcome	
Non-CHOICES East	\$ 140,852,755	\$ 5,129,981	\$ 9,196,978	\$ 539,860	\$ 721,675	\$ 8,373,782	\$ 164,815,031
Non-CHOICES Middle	\$ 179,478,480	\$ 4,888,732	\$ 9,325,838	\$ 519,321	\$ 726,050	\$ 8,397,050	\$ 203,335,471
Non-CHOICES West	\$ 121,221,702	\$ 4,028,860	\$ 8,134,912	\$ 415,900	\$ 568,517	\$ 6,571,058	\$ 140,940,949
Non-CHOICES Total	\$ 441,552,937	\$ 14,047,573	\$ 26,657,728	\$ 1,475,081	\$ 2,016,241	\$ 23,341,891	\$ 509,091,451
CHOICES East	\$ 2,503,709	\$ 91,049	\$ 160,861	\$ 8,912	\$ 12,873	\$ 149,364	\$ 2,926,769
CHOICES Middle	\$ 4,028,138	\$ 110,068	\$ 210,105	\$ 11,487	\$ 16,224	\$ 193,473	\$ 4,569,494
CHOICES West	\$ 3,163,632	\$ 106,889	\$ 216,437	\$ 10,618	\$ 14,944	\$ 175,845	\$ 3,688,366
CHOICES Total	\$ 9,695,480	\$ 308,006	\$ 587,402	\$ 31,018	\$ 44,041	\$ 518,682	\$ 11,184,629
TennCare Select	\$ 31,826,815	\$ 526,510	\$ 1,265,106	\$ -	\$ -	\$ -	\$ 33,618,431
Total	\$ 483,075,232	\$ 14,882,089	\$ 28,510,237	\$ 1,506,099	\$ 2,060,282	\$ 23,860,572	\$ 553,894,512

Program & Region	CY2019						Total
	Hospital DP	EMS DP	PCMH Activity & Trans. Pmts	PCMH Outcome Pmts	MTM DP	Physician UPL DP	
Non-CHOICES East	\$ 155,352,916	\$ 13,775,894	\$ 5,441,664	\$ 1,665,406	\$ 944,500	\$ 6,960,339	\$ 184,140,719
Non-CHOICES Middle	\$ 190,388,714	\$ 14,607,923	\$ 3,667,426	\$ 1,673,523	\$ 825,433	\$ 77,124	\$ 211,240,143
Non-CHOICES West	\$ 127,703,285	\$ 12,870,151	\$ 4,991,517	\$ 1,327,371	\$ 611,170	\$ 7,567,752	\$ 155,071,246
Non-CHOICES Total	\$ 473,444,915	\$ 41,253,968	\$ 14,100,607	\$ 4,666,300	\$ 2,381,103	\$ 14,605,215	\$ 550,452,108
CHOICES East	\$ 3,087,873	\$ 889,594	\$ 31,954	\$ -	\$ 26,308	\$ 195,521	\$ 4,231,250
CHOICES Middle	\$ 3,699,219	\$ 632,021	\$ 5,266	\$ -	\$ 19,468	\$ -	\$ 4,355,974
CHOICES West	\$ 3,819,569	\$ 844,094	\$ 14,259	\$ -	\$ 19,327	\$ 7,628	\$ 4,704,876
CHOICES Total	\$ 10,606,661	\$ 2,365,709	\$ 51,479	\$ -	\$ 65,103	\$ 203,149	\$ 13,292,101
TennCare Select	\$ -	\$ 1,287,032	\$ 1,267,795	\$ -	\$ 56,930	\$ 2,377,175	\$ 4,988,932
Total	\$ 484,051,576	\$ 44,906,709	\$ 15,419,881	\$ 4,666,300	\$ 2,503,136	\$ 17,185,539	\$ 568,733,141

TennCare Acute Care

Exhibit 2a

SFY 2019 At Risk MCOs Per Capita Cost Development - East Region

Medical Rate Development by Service Category

Aid Category	Age Group	SFY 2018			SFY 2019		
		Member Months	PMPM	Total	Member Months	PMPM	Total
Medicaid (TANF & Related)*							
	Age Under 1	203,994	\$ 860.77	\$ 175,592,041	197,752	\$ 797.67	\$ 157,740,838
	Age 1 - 13	2,161,593	\$ 130.39	\$ 281,859,419	1,981,761	\$ 131.69	\$ 260,978,106
	Age 14 - 20 Female	429,385	\$ 227.14	\$ 97,530,851	412,749	\$ 234.09	\$ 96,620,413
	Age 14 - 20 Male	389,737	\$ 147.81	\$ 57,605,332	368,033	\$ 155.74	\$ 57,317,459
	Age 21 - 44 Female	980,777	\$ 318.63	\$ 312,502,135	919,291	\$ 318.63	\$ 292,913,691
	Age 21 - 44 Male	253,039	\$ 210.58	\$ 53,285,357	209,387	\$ 224.14	\$ 46,932,002
	Age 45 - 64	221,083	\$ 347.75	\$ 76,881,263	200,027	\$ 359.13	\$ 71,835,697
	Age 65+	3,544	\$ 592.46	\$ 2,099,819	3,684	\$ 627.68	\$ 2,312,373
	All Ages	4,643,152	\$ 227.72	\$ 1,057,356,218	4,292,684	\$ 229.84	\$ 986,650,580
Disabled							
	Age <21	19,544	\$ 1,464.18	\$ 28,616,191	20,218	\$ 1,531.58	\$ 30,965,484
	Age 21+	513,268	\$ 794.05	\$ 407,560,713	509,944	\$ 802.34	\$ 409,148,469
	All Ages	532,812	\$ 818.63	\$ 436,176,904	530,162	\$ 830.15	\$ 440,113,953
Duals/Waiver Duals							
	All Ages	597,576	\$ 123.67	\$ 73,902,117	599,114	\$ 130.01	\$ 77,890,811
All Groups	All Ages	5,773,539	\$ 271.49	\$ 1,567,435,239	5,421,960	\$ 277.51	\$ 1,504,655,344

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

TennCare Acute Care

Exhibit 2b

SFY 2019 At Risk MCOs Per Capita Cost Development - East Region
 Medicaid (TANF & Related)

Service Category	Medicaid (TANF & Related) and Uninsured / Uninsurable								Total
	Age Under 1	Age 1 - 13	Age 14 - 20 Female	Age 14 - 20 Male	Age 21 - 44 Female	Age 21 - 44 Male	Age 45 - 64	Age 65+	
Membership	197,752	1,981,761	412,749	368,033	919,291	209,387	200,027	3,684	4,292,684
Home Health Care	2.51	3.44	3.02	5.76	0.38	3.22	2.35	7.55	2.84
Hospice	0.08	0.01	0.10	0.04	0.05	0.16	1.00	298.15	0.34
IP - Maternity	-	-	14.13	-	22.77	-	0.06	-	6.24
IP - Newborn	457.06	-	4.94	-	9.73	0.01	0.01	-	23.62
IP - Medical	26.26	3.36	5.60	4.52	15.29	16.98	28.57	63.80	9.18
IP - Surgery	36.12	2.60	4.82	5.52	12.70	21.60	31.64	22.15	9.07
IP - Other	2.44	0.49	1.13	1.87	3.72	0.96	2.26	6.04	1.56
Subtotal - Inpatient	521.88	6.45	30.62	11.91	64.21	39.55	62.54	91.99	49.67
OP - Emergency Room	28.75	12.33	27.80	16.00	38.11	32.28	31.51	10.43	22.27
OP - Laboratory	0.47	0.23	0.73	0.21	0.95	0.23	0.74	0.11	0.47
OP - Radiology	1.51	0.62	1.81	1.10	3.15	2.97	9.04	4.84	1.87
OP - Surgery	7.31	7.38	9.94	6.93	24.97	17.80	48.69	43.26	13.82
OP - Other	5.30	2.38	2.59	1.35	2.67	1.80	5.00	14.91	2.61
Subtotal - Outpatient	43.34	22.94	42.87	25.59	69.85	55.08	94.98	73.55	41.04
Prof - Evaluation & Management	104.97	24.50	30.05	18.05	37.61	26.45	45.97	19.71	32.09
Prof - Maternity	-	-	8.56	-	14.32	-	0.07	-	3.89
Prof - Surgery	9.44	2.87	4.63	3.76	10.54	8.43	20.04	12.44	6.14
Prof - DME/Supplies	3.07	1.51	2.12	2.07	3.53	3.99	8.52	1.70	2.57
Prof - Lab	2.87	2.15	6.28	1.73	9.11	2.83	7.88	2.78	4.34
Prof - Radiology	1.72	0.81	7.09	1.90	13.20	4.37	8.82	3.87	4.75
Prof - Transportation	5.00	4.22	5.24	5.03	5.74	5.92	6.22	4.44	4.93
Prof - Other	24.13	17.05	21.31	15.47	25.00	14.97	38.94	34.07	20.29
Subtotal - Professional	151.20	53.11	85.28	48.01	119.05	66.96	136.46	79.01	79.00
MH - Inpatient	0.01	2.07	14.29	13.85	8.61	11.73	4.63	2.51	6.15
MH - Outpatient	1.15	12.04	17.80	15.82	10.48	8.60	9.83	9.50	11.81
MH - Case Rates	-	-	-	-	-	-	-	-	-
MH - Grants	0.05	0.07	0.08	0.08	0.06	0.07	0.07	0.07	0.07
MH - In-Home Services	-	0.78	1.45	1.34	0.09	0.02	0.06	-	0.64
MH - Supported Housing	-	0.01	0.08	0.06	0.08	0.07	-	-	0.04
MH - 23 Hour	-	-	0.01	0.01	0.01	0.02	0.02	-	0.01
MH - Intensive Outpatient	-	0.02	0.43	0.75	1.25	0.90	0.32	-	0.44
MH - Partial Hospitalization	-	0.05	0.15	0.11	0.69	0.63	0.23	-	0.24
MH - Transportation	0.63	0.62	0.66	0.64	0.66	0.60	0.63	0.45	0.63
Subtotal - Mental Health	1.84	15.66	34.95	32.66	21.93	22.64	15.79	12.53	20.03
Total	\$ 720.85	\$ 101.61	\$ 196.84	\$ 123.97	\$ 275.47	\$ 187.61	\$ 313.12	\$ 562.78	\$ 192.92
Admin	3.9%	17.9%	10.5%	15.3%	8.0%	11.0%	7.2%	4.6%	10.7%
Premium Tax	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Total Premium Rate	\$ 797.67	\$ 131.69	\$ 234.09	\$ 155.74	\$ 318.63	\$ 224.14	\$ 359.13	\$ 627.68	\$ 229.84

TennCare Acute Care

Exhibit 2b

**SFY 2019 At Risk MCOs Per Capita Cost Development - East Region
Disabled, Duals and Region Totals**

Service Category	Disabled			Duals	All Aid Categories
	Age Under 21	Age 21+	Total	All Ages	All Ages
Membership	20,218	509,944	530,162	599,114	5,421,960
Home Health Care	252.47	17.16	26.13	9.73	5.88
Hospice	8.73	12.61	12.46	28.61	4.65
IP - Maternity	0.74	1.15	1.13	0.01	5.05
IP - Newborn	253.45	0.58	10.22	0.45	19.75
IP - Medical	75.89	102.82	101.79	3.44	17.60
IP - Surgery	110.17	72.21	73.66	0.73	14.46
IP - Other	22.61	6.42	7.04	0.18	1.94
Subtotal - Inpatient	462.86	183.18	193.85	4.81	58.80
OP - Emergency Room	26.05	58.72	57.47	0.28	23.28
OP - Laboratory	2.12	1.60	1.62	0.01	0.53
OP - Radiology	4.26	16.12	15.67	0.04	3.02
OP - Surgery	49.60	86.86	85.44	0.77	19.38
OP - Other	120.13	13.72	17.78	6.65	4.54
Subtotal - Outpatient	202.16	177.02	177.98	7.75	50.75
Prof - Evaluation & Management	138.11	72.54	75.04	0.72	32.82
Prof - Maternity	0.40	0.64	0.63	0.01	3.14
Prof - Surgery	20.45	25.85	25.64	0.14	7.38
Prof - DME/Supplies	65.92	25.14	26.70	0.70	4.72
Prof - Lab	7.08	9.69	9.59	0.08	4.38
Prof - Radiology	5.14	13.15	12.84	0.08	5.03
Prof - Transportation	9.46	19.63	19.24	11.98	7.11
Prof - Other	118.29	71.44	73.23	7.45	24.05
Subtotal - Professional	364.85	238.08	242.91	21.16	88.63
MH - Inpatient	20.98	28.32	28.04	3.42	7.99
MH - Outpatient	49.38	28.14	28.95	13.07	13.63
MH - Case Rates	0.04	0.04	0.04	0.07	0.01
MH - Grants	0.06	0.06	0.06	0.09	0.07
MH - In-Home Services	10.40	0.35	0.73	0.33	0.61
MH - Supported Housing	0.60	8.54	8.24	7.74	1.69
MH - 23 Hour	-	0.04	0.04	-	0.01
MH - Intensive Outpatient	0.01	0.45	0.43	0.09	0.40
MH - Partial Hospitalization	0.11	0.33	0.32	0.01	0.22
MH - Transportation	0.54	0.76	0.75	0.60	0.64
Subtotal - Mental Health	82.12	67.03	67.61	25.42	25.27
Total	\$ 1,373.19	\$ 695.08	\$ 720.94	\$ 97.48	\$ 233.98
Admin	4.62%	7.84%	7.61%	20.24%	10.30%
Premium Tax	6.00%	6.00%	6.00%	6.00%	6.00%
Total Premium Rate	\$ 1,531.58	\$ 802.34	\$ 830.15	\$ 130.01	\$ 277.51

TennCare Acute Care

Exhibit 3a

SFY 2019 At Risk MCOs Per Capita Cost Development - Middle Region

Medical Rate Development by Service Category

Aid Category	Age Group	SFY 2018			SFY 2019		
		Member Months	PMPM	Total	Member Months	PMPM	Total
Medicaid (TANF & Related)*							
	Age Under 1	235,509	\$ 639.40	\$ 150,585,267	228,736	\$ 652.62	\$ 149,277,688
	Age 1 - 13	2,403,334	\$ 124.27	\$ 298,669,397	2,207,230	\$ 127.50	\$ 281,421,825
	Age 14 - 20 Female	428,184	\$ 221.77	\$ 94,959,703	411,079	\$ 230.00	\$ 94,548,170
	Age 14 - 20 Male	389,441	\$ 140.87	\$ 54,861,055	369,018	\$ 148.97	\$ 54,972,611
	Age 21 - 44 Female	1,033,160	\$ 330.80	\$ 341,771,174	968,590	\$ 337.40	\$ 326,802,266
	Age 21 - 44 Male	244,474	\$ 218.22	\$ 53,348,888	202,143	\$ 234.50	\$ 47,402,534
	Age 45 - 64	217,339	\$ 362.61	\$ 78,808,941	196,457	\$ 367.01	\$ 72,101,684
	Age 65+	5,841	\$ 596.36	\$ 3,483,341	6,218	\$ 580.48	\$ 3,609,425
	All Ages	4,957,282	\$ 217.15	\$ 1,076,487,766	4,589,471	\$ 224.46	\$ 1,030,136,202
Disabled							
	Age <21	17,006	\$ 1,418.91	\$ 24,129,993	17,490	\$ 1,584.22	\$ 27,708,008
	Age 21+	394,579	\$ 928.95	\$ 366,545,767	392,575	\$ 947.22	\$ 371,854,892
	All Ages	411,585	\$ 949.20	\$ 390,675,760	410,065	\$ 974.39	\$ 399,562,899
Duals/Waiver Duals							
	All Ages	442,643	\$ 184.65	\$ 81,732,109	444,225	\$ 186.73	\$ 82,950,134
All Groups	All Ages	5,811,511	\$ 266.52	\$ 1,548,895,634	5,443,761	\$ 277.87	\$ 1,512,649,236

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

TennCare Acute Care

Exhibit 3b

SFY 2019 At Risk MCOs Per Capita Cost Development - Middle Region

Medicaid (TANF & Related)

Service Category	Medicaid (TANF & Related) and Uninsured / Uninsurable								Total
	Age Under 1	Age 1 - 13	Age 14 - 20 Female	Age 14 - 20 Male	Age 21 - 44 Female	Age 21 - 44 Male	Age 45 - 64	Age 65+	
Membership	228,736	2,207,230	411,079	369,018	968,590	202,143	196,457	6,218	4,589,471
Home Health Care	1.46	2.93	3.76	2.51	0.64	0.59	1.76	2.26	2.26
Hospice	0.09	0.01	0.03	0.01	0.07	0.09	0.73	217.68	0.36
IP - Maternity	-	-	16.27	-	29.29	-	0.18	-	7.65
IP - Newborn	319.91	0.01	6.82	0.02	14.50	-	0.13	-	19.63
IP - Medical	28.28	4.53	7.06	4.80	14.49	14.86	29.64	63.48	9.67
IP - Surgery	42.03	4.97	7.71	10.10	16.50	29.25	45.63	58.70	12.79
IP - Other	0.27	0.73	1.88	1.25	5.42	2.49	5.24	4.24	2.12
Subtotal - Inpatient	390.49	10.24	39.74	16.17	80.20	46.60	80.82	126.42	51.86
OP - Emergency Room	24.25	10.35	25.02	13.77	38.19	30.65	28.58	15.04	20.19
OP - Laboratory	0.59	0.33	0.91	0.31	1.34	0.48	1.03	0.25	0.64
OP - Radiology	0.93	0.49	1.42	0.91	3.07	2.45	7.87	3.26	1.58
OP - Surgery	8.80	7.18	9.12	7.89	21.68	16.07	39.94	43.14	12.39
OP - Other	7.01	2.31	2.46	1.36	3.39	2.22	5.42	6.05	2.84
Subtotal - Outpatient	41.58	20.66	38.93	24.24	67.67	51.87	82.84	67.74	37.64
Prof - Evaluation & Management	103.61	22.55	26.31	15.96	35.80	25.45	43.06	30.44	30.21
Prof - Maternity	-	-	7.48	-	14.13	-	0.06	-	3.65
Prof - Surgery	8.24	2.39	3.91	3.45	10.14	8.61	19.33	9.85	5.55
Prof - DME/Supplies	1.92	1.40	1.83	1.68	3.21	3.53	6.99	2.48	2.20
Prof - Lab	2.61	1.81	6.41	1.56	9.92	2.85	7.45	4.78	4.24
Prof - Radiology	1.58	0.74	5.36	2.04	12.39	5.73	11.82	7.11	4.46
Prof - Transportation	4.89	4.49	5.48	5.22	5.86	6.37	6.34	4.96	5.11
Prof - Other	27.29	13.21	17.23	10.88	25.54	19.78	38.75	20.49	18.08
Subtotal - Professional	150.14	46.59	74.01	40.79	116.99	72.32	133.80	80.11	73.50
MH - Inpatient	0.02	1.96	13.99	14.04	10.93	13.14	6.18	18.05	6.50
MH - Outpatient	1.64	13.45	19.62	16.81	13.96	9.99	12.59	6.08	13.59
MH - Case Rates	0.14	0.16	0.16	0.16	0.15	0.16	0.16	0.17	0.16
MH - Grants	-	-	-	-	-	-	-	-	-
MH - In-Home Services	-	0.85	1.25	1.23	0.17	0.08	0.16	-	0.67
MH - Supported Housing	-	0.31	0.24	0.29	0.23	0.12	0.19	-	0.26
MH - 23 Hour	-	-	0.02	0.01	0.02	0.04	0.05	-	0.01
MH - Intensive Outpatient	-	0.01	0.43	0.75	1.03	1.35	0.42	-	0.40
MH - Partial Hospitalization	-	0.09	0.35	0.20	0.38	0.39	0.28	0.06	0.20
MH - Transportation	0.43	0.45	0.50	0.48	0.48	0.50	0.46	0.34	0.46
Subtotal - Mental Health	2.23	17.28	36.56	33.97	27.35	25.77	20.49	24.70	22.25
Total	\$ 585.99	\$ 97.71	\$ 193.03	\$ 117.69	\$ 292.92	\$ 197.24	\$ 320.44	\$ 518.91	\$ 187.87
Admin	4.5%	18.5%	10.7%	16.0%	7.6%	10.5%	7.1%	4.9%	11.0%
Premium Tax	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Total Premium Rate	\$ 652.62	\$ 127.50	\$ 230.00	\$ 148.97	\$ 337.40	\$ 234.50	\$ 367.01	\$ 580.48	\$ 224.46

TennCare Acute Care

Exhibit 3b

**SFY 2019 At Risk MCOs Per Capita Cost Development - Middle Region
Disabled, Duals and Region Totals**

Service Category	Disabled			Duals	All Aid Categories
	Age Under 21	Age 21+	Total	All Ages	All Ages
Membership	17,490	392,575	410,065	444,225	5,443,761
Home Health Care	294.73	23.20	34.78	23.91	6.48
Hospice	0.93	12.12	11.64	40.13	4.46
IP - Maternity	1.28	1.43	1.42	0.03	6.56
IP - Newborn	75.97	0.73	3.94	0.22	16.86
IP - Medical	156.94	130.54	131.67	2.59	18.28
IP - Surgery	183.85	106.36	109.67	1.27	19.15
IP - Other	44.14	11.53	12.92	0.22	2.78
Subtotal - Inpatient	462.18	250.59	259.61	4.33	63.63
OP - Emergency Room	28.19	64.26	62.72	0.39	21.78
OP - Laboratory	4.28	2.38	2.46	0.02	0.73
OP - Radiology	5.78	12.72	12.42	0.08	2.27
OP - Surgery	59.12	68.31	67.92	0.60	15.61
OP - Other	69.21	21.41	23.45	3.53	4.45
Subtotal - Outpatient	166.58	169.08	168.97	4.62	44.84
Prof - Evaluation & Management	166.18	73.71	77.65	0.65	31.37
Prof - Maternity	0.46	0.65	0.64	0.01	3.13
Prof - Surgery	25.74	27.38	27.31	0.14	6.75
Prof - DME/Supplies	52.95	20.84	22.21	0.53	3.57
Prof - Lab	5.83	9.30	9.15	0.10	4.27
Prof - Radiology	6.42	17.34	16.87	0.13	5.04
Prof - Transportation	16.50	24.44	24.10	17.26	7.53
Prof - Other	78.16	82.99	82.78	9.16	22.23
Subtotal - Professional	352.24	256.65	260.73	27.98	83.89
MH - Inpatient	43.12	43.80	43.77	7.72	9.41
MH - Outpatient	89.22	52.77	54.32	25.93	17.67
MH - Case Rates	0.16	0.16	0.16	0.21	0.16
MH - Grants	-	-	-	-	-
MH - In-Home Services	7.90	1.06	1.35	0.54	0.71
MH - Supported Housing	4.01	18.34	17.73	14.12	2.71
MH - 23 Hour	(0.20)	0.16	0.14	0.01	0.02
MH - Intensive Outpatient	0.28	0.73	0.71	0.23	0.41
MH - Partial Hospitalization	0.52	0.49	0.49	0.03	0.21
MH - Transportation	0.38	0.65	0.64	0.41	0.47
Subtotal - Mental Health	145.39	118.16	119.32	49.20	31.77
Total	\$ 1,422.05	\$ 829.80	\$ 855.06	\$ 150.17	\$ 235.07
Admin	4.51%	6.80%	6.65%	14.45%	10.00%
Premium Tax	6.00%	6.00%	6.00%	6.00%	6.00%
Total Premium Rate	\$ 1,584.22	\$ 947.22	\$ 974.39	\$ 186.73	\$ 277.87

TennCare Acute Care

Exhibit 4a

SFY 2019 At Risk MCOs Per Capita Cost Development - West Region

Medical Rate Development by Service Category

Aid Category	Age Group	SFY 2018			SFY 2019		
		Member Months	PMPM	Total	Member Months	PMPM	Total
Medicaid (TANF & Related)*							
	Age Under 1	179,474	\$ 638.57	\$ 114,605,905	173,756	\$ 587.60	\$ 102,099,026
	Age 1 - 13	1,843,003	\$ 105.38	\$ 194,209,528	1,672,221	\$ 106.14	\$ 177,489,537
	Age 14 - 20 Female	346,319	\$ 192.04	\$ 66,506,532	327,721	\$ 199.00	\$ 65,216,479
	Age 14 - 20 Male	306,829	\$ 132.56	\$ 40,674,812	285,947	\$ 137.98	\$ 39,454,967
	Age 21 - 44 Female	824,634	\$ 278.35	\$ 229,533,553	771,474	\$ 285.04	\$ 219,900,949
	Age 21 - 44 Male	132,923	\$ 186.44	\$ 24,782,021	108,620	\$ 211.62	\$ 22,986,164
	Age 45 - 64	144,822	\$ 309.89	\$ 44,878,766	130,283	\$ 316.87	\$ 41,282,774
	Age 65+	2,438	\$ 569.08	\$ 1,387,185	2,558	\$ 428.95	\$ 1,097,254
	All Ages	3,780,443	\$ 189.55	\$ 716,578,302	3,472,580	\$ 192.80	\$ 669,527,150
Disabled							
	Age <21	22,691	\$ 1,432.66	\$ 32,508,891	23,126	\$ 1,443.35	\$ 33,378,912
	Age 21+	386,932	\$ 842.46	\$ 325,974,150	386,338	\$ 863.19	\$ 333,483,098
	All Ages	409,624	\$ 875.15	\$ 358,483,041	409,464	\$ 895.96	\$ 366,862,010
Duals/Waiver Duals							
	All Ages	384,343	\$ 162.74	\$ 62,547,555	386,782	\$ 166.33	\$ 64,333,450
All Groups	All Ages	4,574,409	\$ 248.69	\$ 1,137,608,899	4,268,826	\$ 257.85	\$ 1,100,722,611

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

TennCare Acute Care

Exhibit 4b

SFY 2019 At Risk MCOs Per Capita Cost Development - West Region

Medicaid (TANF & Related)

Service Category	Medicaid (TANF & Related) and Uninsured / Uninsurable								Total
	Age Under 1	Age 1 - 13	Age 14 - 20 Female	Age 14 - 20 Male	Age 21 - 44 Female	Age 21 - 44 Male	Age 45 - 64	Age 65+	
Membership	173,756	1,672,221	327,721	285,947	771,474	108,620	130,283	2,558	3,472,580
Home Health Care	0.49	2.00	1.74	6.07	0.81	0.47	1.57	4.72	1.91
Hospice	0.13	-	-	0.05	0.01	0.03	0.47	211.53	0.19
IP - Maternity	-	-	14.04	-	23.80	-	0.11	-	6.62
IP - Newborn	257.96	0.02	5.31	-	8.58	0.01	0.05	-	15.33
IP - Medical	38.94	3.71	6.28	3.81	11.96	13.24	25.49	47.13	8.70
IP - Surgery	35.55	2.64	4.42	7.84	11.22	34.34	28.16	16.77	8.75
IP - Other	0.33	0.30	1.99	0.82	4.76	2.64	3.65	-	1.69
Subtotal - Inpatient	332.78	6.67	32.04	12.47	60.32	50.23	57.46	63.90	41.09
OP - Emergency Room	28.22	9.80	23.95	12.29	37.76	25.92	29.45	4.01	19.71
OP - Laboratory	0.48	0.54	0.66	0.34	0.61	0.23	0.59	0.16	0.54
OP - Radiology	1.12	0.55	1.46	0.77	3.02	2.17	8.56	1.20	1.58
OP - Surgery	9.08	6.07	6.49	5.69	17.27	13.70	35.66	38.47	10.09
OP - Other	4.96	3.15	2.94	2.14	3.88	2.41	5.82	9.74	3.38
Subtotal - Outpatient	43.86	20.11	35.50	21.23	62.54	44.43	80.08	53.58	35.30
Prof - Evaluation & Management	106.71	20.26	23.97	14.35	33.95	23.18	42.60	13.86	28.42
Prof - Maternity	-	-	7.14	-	13.15	-	0.07	-	3.60
Prof - Surgery	8.20	2.10	3.17	3.29	7.87	7.77	15.80	4.60	4.58
Prof - DME/Supplies	1.42	0.91	1.16	1.45	2.86	3.92	6.96	1.44	1.76
Prof - Lab	1.81	1.46	5.73	1.47	9.65	2.66	7.94	2.42	3.98
Prof - Radiology	1.68	0.68	4.17	1.85	9.08	3.98	9.33	2.00	3.45
Prof - Transportation	6.18	4.21	5.67	5.05	5.90	5.71	6.29	4.03	5.02
Prof - Other	20.61	9.71	15.19	10.33	23.11	14.19	31.45	8.32	14.76
Subtotal - Professional	146.61	39.33	66.20	37.79	105.57	61.41	120.44	36.67	65.57
MH - Inpatient	0.03	2.60	17.10	17.73	7.02	10.73	4.43	1.50	6.39
MH - Outpatient	0.87	5.67	9.06	9.48	6.16	6.58	7.46	5.42	6.27
MH - Case Rates	0.22	0.26	0.27	0.28	0.24	0.25	0.26	0.30	0.26
MH - Grants	-	-	-	-	-	-	-	-	-
MH - In-Home Services	-	0.55	1.03	1.09	0.11	0.07	0.20	-	0.49
MH - Supported Housing	-	0.02	0.10	0.08	0.06	0.02	0.43	-	0.06
MH - 23 Hour	-	-	0.02	-	0.01	0.02	0.01	-	0.01
MH - Intensive Outpatient	-	0.07	0.28	0.49	0.55	0.68	0.31	-	0.26
MH - Partial Hospitalization	-	0.10	0.33	0.18	0.30	0.55	0.20	-	0.19
MH - Transportation	0.51	0.48	0.56	0.53	0.53	0.49	0.52	0.39	0.51
Subtotal - Mental Health	1.63	9.75	28.75	29.86	14.98	19.39	13.82	7.61	14.44
Total	\$ 525.50	\$ 77.86	\$ 164.23	\$ 107.47	\$ 244.23	\$ 175.96	\$ 273.84	\$ 378.01	\$ 158.50
Admin	4.9%	22.0%	12.2%	17.1%	8.8%	11.5%	8.1%	6.3%	12.5%
Premium Tax	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Total Premium Rate	\$ 587.60	\$ 106.14	\$ 199.00	\$ 137.98	\$ 285.04	\$ 211.62	\$ 316.87	\$ 428.95	\$ 192.80

TennCare Acute Care

Exhibit 4b

**SFY 2019 At Risk MCOs Per Capita Cost Development - West Region
Disabled, Duals and Region Totals**

Service Category	Disabled			Duals	All Aid Categories
	Age Under 21	Age 21+	Total	All Ages	All Ages
Membership	23,126	386,338	409,464	386,782	4,268,826
Home Health Care	309.18	21.46	37.71	24.70	7.41
Hospice	1.42	8.63	8.22	27.96	3.48
IP - Maternity	1.02	1.97	1.92	0.03	5.57
IP - Newborn	126.72	1.41	8.49	0.26	13.31
IP - Medical	136.49	108.54	110.12	2.93	17.91
IP - Surgery	74.12	81.34	80.93	1.20	14.99
IP - Other	10.06	11.22	11.15	0.09	2.45
Subtotal - Inpatient	348.41	204.48	212.61	4.51	54.23
OP - Emergency Room	26.05	60.66	58.71	0.33	21.69
OP - Laboratory	3.88	1.64	1.77	0.02	0.61
OP - Radiology	6.89	14.47	14.04	0.08	2.64
OP - Surgery	44.26	83.76	81.53	1.04	16.12
OP - Other	133.44	33.81	39.44	5.71	7.05
Subtotal - Outpatient	214.52	194.34	195.48	7.18	48.11
Prof - Evaluation & Management	132.60	67.48	71.16	0.82	30.02
Prof - Maternity	0.42	0.97	0.94	0.02	3.02
Prof - Surgery	16.85	22.84	22.50	0.29	5.91
Prof - DME/Supplies	68.27	20.82	23.50	0.74	3.75
Prof - Lab	3.36	8.69	8.39	0.12	4.05
Prof - Radiology	6.60	12.43	12.10	0.11	3.98
Prof - Transportation	13.36	22.46	21.95	14.91	7.54
Prof - Other	72.93	51.71	52.91	7.29	17.74
Subtotal - Professional	314.39	207.40	213.44	24.30	76.01
MH - Inpatient	53.03	55.63	55.48	8.48	11.29
MH - Outpatient	42.96	28.73	29.53	11.55	8.98
MH - Case Rates	0.71	0.28	0.30	0.35	0.27
MH - Grants	-	-	-	-	-
MH - In-Home Services	4.55	2.61	2.72	1.61	0.81
MH - Supported Housing	0.81	25.75	24.34	19.85	4.18
MH - 23 Hour	-	0.10	0.09	-	0.02
MH - Intensive Outpatient	0.35	0.66	0.64	0.16	0.29
MH - Partial Hospitalization	0.40	0.83	0.81	0.02	0.23
MH - Transportation	0.43	0.76	0.74	0.53	0.53
Subtotal - Mental Health	103.24	115.35	114.67	42.55	26.60
Total	\$ 1,291.16	\$ 751.66	\$ 782.13	\$ 131.20	\$ 215.84
Admin	4.83%	7.36%	7.13%	16.09%	10.95%
Premium Tax	6.00%	6.00%	6.00%	6.00%	6.00%
Total Premium Rate	\$ 1,443.35	\$ 863.19	\$ 895.96	\$ 166.33	\$ 257.85

TennCare CHOICES

Exhibit 5a

Summary Of Capitation Rate Comparison and Fiscal Impact by Region

Statewide

Aid Category	SFY 2018			SFY 2019		
	Member Months	PMPM	Total	Member Months	PMPM	Total
Choices 1 & 2						
Duals	265,873	\$ 4,846.61	\$ 1,288,585,903	265,940	\$ 5,022.60	\$ 1,335,709,637
Non-Duals	40,703	\$ 6,444.66	\$ 262,318,165	41,183	\$ 6,607.37	\$ 272,111,494
Choices 3						
Duals	27,211	\$ 1,757.44	\$ 47,821,807	25,572	\$ 1,818.93	\$ 46,513,757
Non-Duals	7,481	\$ 3,892.64	\$ 29,119,163	7,800	\$ 3,968.01	\$ 30,950,494
Total	341,268	\$ 4,769.99	\$ 1,627,845,038	340,495	\$ 4,949.52	\$ 1,685,285,382

East

Aid Category	SFY 2018			SFY 2019		
	Member Months	PMPM	Total	Member Months	PMPM	Total
Choices 1 & 2						
Duals	100,853	\$ 4,799.87	\$ 484,079,005	100,215	\$ 4,971.78	\$ 498,247,206
Non-Duals	14,200	\$ 6,366.25	\$ 90,399,090	14,431	\$ 6,482.37	\$ 93,547,131
Choices 3						
Duals	8,319	\$ 1,593.36	\$ 13,255,498	7,896	\$ 1,658.75	\$ 13,097,451
Non-Duals	2,429	\$ 3,663.36	\$ 8,898,775	2,484	\$ 3,949.70	\$ 9,811,055
Total	125,801	\$ 4,742.68	\$ 596,632,369	125,026	\$ 4,916.60	\$ 614,702,843

Middle

Aid Category	SFY 2018			SFY 2019		
	Member Months	PMPM	Total	Member Months	PMPM	Total
Choices 1 & 2						
Duals	90,693	\$ 4,842.48	\$ 439,180,302	91,272	\$ 5,047.36	\$ 460,682,186
Non-Duals	13,520	\$ 6,343.45	\$ 85,765,261	13,933	\$ 6,561.85	\$ 91,426,186
Choices 3						
Duals	8,588	\$ 1,772.29	\$ 15,220,174	8,016	\$ 1,847.24	\$ 14,807,476
Non-Duals	2,108	\$ 3,895.95	\$ 8,212,042	2,196	\$ 4,084.55	\$ 8,969,661
Total	114,909	\$ 4,772.27	\$ 548,377,779	115,417	\$ 4,989.61	\$ 575,885,509

West

Aid Category	SFY 2018			SFY 2019		
	Member Months	PMPM	Total	Member Months	PMPM	Total
Choices 1 & 2						
Duals	74,328	\$ 4,915.09	\$ 365,326,596	74,453	\$ 5,060.65	\$ 376,780,245
Non-Duals	12,983	\$ 6,635.80	\$ 86,153,814	12,819	\$ 6,797.58	\$ 87,138,176
Choices 3						
Duals	10,304	\$ 1,877.53	\$ 19,346,134	9,660	\$ 1,926.38	\$ 18,608,831
Non-Duals	2,944	\$ 4,079.48	\$ 12,008,346	3,120	\$ 3,900.57	\$ 12,169,778
Total	100,558	\$ 4,801.54	\$ 482,834,890	100,052	\$ 4,944.40	\$ 494,697,030

TennCare CHOICES
SFY 2019 Long Term Care Per Capita Cost Development

Exhibit 5b

All Regions					
Service Category	CHOICES 1&2		CHOICES 3		Total
	Duals	Non Duals	Duals	Non Duals	
Member Months	265,940	41,183	25,572	7,800	340,495
Home Health Care	14.87	91.99	133.68	232.73	38.11
Inpatient	15.35	385.96	4.45	613.17	73.05
Outpatient	6.01	365.04	7.27	537.01	61.69
Professional	140.99	594.71	163.49	809.81	212.87
Mental Health	2.77	40.86	8.49	46.00	8.79
Total Acute Care	179.99	1,478.56	317.38	2,238.72	394.51
Nursing Home - Level I	3,233.55	2,824.29	40.19	46.35	2,871.21
Nursing Home - Level II	144.45	470.67	4.65	108.52	172.58
HCBS	785.11	1,030.59	958.49	927.05	831.07
Total LTC Services	4,163.11	4,325.55	1,003.33	1,081.92	3,874.86
Total	\$ 4,343.10	\$ 5,804.11	\$ 1,320.71	\$ 3,320.64	\$ 4,269.37
Admin	\$ 378.14	\$ 406.82	\$ 389.08	\$ 409.29	\$ 383.18
Premium Tax	\$ 301.36	\$ 396.44	\$ 109.14	\$ 238.08	\$ 296.97
Total Premium Rate	\$ 5,022.60	\$ 6,607.37	\$ 1,818.93	\$ 3,968.01	\$ 4,949.52

East Region					
Service Category	CHOICES 1&2		CHOICES 3		Total
	Duals	Non Duals	Duals	Non Duals	
Member Months	100,215	14,431	7,896	2,484	125,026
Home Health Care	7.74	95.34	60.43	260.14	26.19
Inpatient	9.83	374.77	2.98	649.56	64.23
Outpatient	5.55	329.38	8.23	475.40	52.43
Professional	135.33	646.00	159.59	902.58	211.05
Mental Health	2.28	30.98	7.31	40.66	6.67
Total Acute Care	160.73	1,476.48	238.54	2,328.32	360.57
Nursing Home - Level I	3,316.70	2,767.44	41.76	55.90	2,981.69
Nursing Home - Level II	128.48	493.62	5.62	127.38	162.85
HCBS	691.91	949.65	885.74	792.01	735.89
Total LTC Services	4,137.09	4,210.71	933.11	975.29	3,880.43
Total	\$ 4,297.82	\$ 5,687.18	\$ 1,171.65	\$ 3,303.61	\$ 4,241.00
Admin	\$ 375.65	\$ 406.25	\$ 387.58	\$ 409.11	\$ 380.60
Premium Tax	\$ 298.31	\$ 388.94	\$ 99.52	\$ 236.98	\$ 295.00
Total Premium Rate	\$ 4,971.78	\$ 6,482.37	\$ 1,658.75	\$ 3,949.70	\$ 4,916.60

Middle Region					
Service Category	CHOICES 1&2		CHOICES 3		Total
	Duals	Non Duals	Duals	Non Duals	
Member Months	91,272	13,933	8,016	2,196	115,417
Home Health Care	20.99	96.18	176.71	259.34	45.42
Inpatient	19.65	394.00	6.31	678.17	76.44
Outpatient	4.16	360.18	1.72	525.78	56.89
Professional	149.93	537.05	150.17	806.40	209.16
Mental Health	3.46	37.14	11.75	57.45	9.12
Total Acute Care	198.18	1,424.53	346.65	2,327.13	397.03
Nursing Home - Level I	3,227.11	2,873.97	49.39	54.24	2,903.41
Nursing Home - Level II	155.36	479.89	5.48	124.46	183.53
HCBS	784.77	984.57	945.55	923.27	822.69
Total LTC Services	4,167.23	4,338.42	1,000.41	1,101.97	3,909.63
Total	\$ 4,365.41	\$ 5,762.95	\$ 1,347.06	\$ 3,429.10	\$ 4,306.66
Admin	\$ 379.11	\$ 405.19	\$ 389.35	\$ 410.38	\$ 383.57
Premium Tax	\$ 302.84	\$ 393.71	\$ 110.83	\$ 245.07	\$ 299.38
Total Premium Rate	\$ 5,047.36	\$ 6,561.85	\$ 1,847.24	\$ 4,084.55	\$ 4,989.61

West Region					
Service Category	CHOICES 1&2		CHOICES 3		Total
	Duals	Non Duals	Duals	Non Duals	
Member Months	74,453	12,819	9,660	3,120	100,052
Home Health Care	16.97	83.67	157.84	192.19	44.58
Inpatient	17.51	389.81	4.12	538.46	80.17
Outpatient	8.89	410.48	11.09	593.97	78.80
Professional	137.64	599.65	177.73	738.36	219.44
Mental Health	2.58	56.03	6.76	42.20	11.07
Total Acute Care	183.60	1,539.63	357.53	2,105.18	434.06
Nursing Home - Level I	3,129.53	2,834.29	31.29	33.20	2,696.01
Nursing Home - Level II	152.57	434.82	3.18	82.28	172.12
HCBS	910.97	1,171.73	1,028.71	1,037.24	959.68
Total LTC Services	4,193.06	4,440.84	1,063.18	1,152.71	3,827.81
Total	\$ 4,376.66	\$ 5,980.47	\$ 1,420.71	\$ 3,257.89	\$ 4,261.87
Admin	\$ 380.35	\$ 409.26	\$ 390.09	\$ 408.65	\$ 385.87
Premium Tax	\$ 303.64	\$ 407.85	\$ 115.58	\$ 234.03	\$ 296.66
Total Premium Rate	\$ 5,060.65	\$ 6,797.58	\$ 1,926.38	\$ 3,900.57	\$ 4,944.40

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Medicaid (TANF & Related) - Age Under 1										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditure s PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditure s PMPM
Member Months					6,669					7,765
Home Health Care	446,645	766	1,378	583.08	66.98	442,956	1,941	2,999	228.26	57.05
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	-	-	-	-	-	-	-	-	-	-
IP - Newborn	1,655,269	1,026	1,847	1,613.04	248.22	4,035,492	1,450	2,241	2,783.04	519.74
IP - Medical	473,501	430	774	1,100.97	71.00	580,325	397	614	1,460.22	74.74
IP - Surgery	86,533	38	68	2,276.79	12.98	335,775	149	230	2,254.96	43.24
IP - Other	-	-	-	-	-	3,587	4	6	873.17	0.46
Subtotal - Inpatient	2,215,303	1,494	2,689	1,482.54	332.20	4,955,179	2,000	3,092	2,477.01	638.18
OP - Emergency Room	118,768	603	1,085	197.05	17.81	145,280	672	1,039	216.04	18.71
OP - Laboratory	3,393	95	171	35.73	0.51	4,012	123	190	32.59	0.52
OP - Radiology	27,018	210	378	128.72	4.05	16,580	215	332	77.24	2.14
OP - Surgery	121,449	112	201	1,084.86	18.21	156,917	142	220	1,101.72	20.21
OP - Other	162,691	967	1,739	168.32	24.40	128,834	738	1,140	174.67	16.59
Subtotal - Outpatient	433,319	1,986	3,574	218.18	64.98	451,623	1,890	2,921	238.92	58.16
Prof - Evaluation & Management	885,021	10,512	18,917	84.19	132.71	1,015,880	11,723	18,118	86.65	130.84
Prof - Maternity	-	-	-	-	-	-	-	-	-	-
Prof - Surgery	65,270	669	1,204	97.56	9.79	95,138	802	1,239	118.70	12.25
Prof - DME/Supplies	138,063	1,032	1,857	133.78	20.70	140,708	1,130	1,746	124.53	18.12
Prof - Lab	29,070	2,102	3,783	13.83	4.36	33,773	2,370	3,663	14.25	4.35
Prof - Radiology	18,092	1,006	1,810	17.98	2.71	22,318	1,183	1,829	18.86	2.87
Prof - Transportation	98,101	533	960	183.96	14.71	111,113	643	994	172.75	14.31
Prof - Other	256,574	12,997	23,389	19.74	38.47	310,066	15,439	23,861	20.08	39.93
Subtotal - Professional	1,490,191	28,852	51,919	51.65	223.46	1,728,997	33,291	51,451	51.94	222.68
MH - Inpatient	-	-	-	-	-	-	-	-	-	-
MH - Outpatient	1,523	37	67	41.16	0.23	2,834	71	109	40.02	0.37
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	-	-	-	-	-	-	-	-	-	-
MH - Supported Housing	-	-	-	-	-	-	-	-	-	-
MH - 23 Hour	-	-	-	-	-	-	-	-	-	-
MH - Intensive Outpatient	-	-	-	-	-	-	-	-	-	-
MH - Partial Hospitalization	-	-	-	-	-	-	-	-	-	-
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	1,523	37	67	41.16	0.23	2,834	71	109	40.02	0.37
Total	\$ 4,586,981				\$ 687.85	\$ 7,581,589				\$ 976.44

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Medicaid (TANF & Related) - Age 1 to 13										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditure s PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditure s PMPM
Member Months	147,275					164,862				
Home Health Care	2,008,863	5,919	482	339.39	13.64	2,941,525	6,477	471	454.18	17.84
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	2,652	2	0	1,325.60	0.02	-	-	-	-	-
IP - Newborn	151,680	54	4	2,808.39	1.03	-	-	-	-	-
IP - Medical	827,164	566	46	1,461.17	5.62	701,599	846	62	829.12	4.26
IP - Surgery	280,759	116	9	2,419.91	1.91	615,885	246	18	2,498.88	3.74
IP - Other	61,560	96	8	641.13	0.42	115,703	184	13	629.43	0.70
Subtotal - Inpatient	1,323,814	834	68	1,587.03	8.99	1,433,187	1,276	93	1,122.77	8.69
OP - Emergency Room	610,899	4,120	336	148.27	4.15	760,521	4,842	352	157.08	4.61
OP - Laboratory	36,028	633	52	56.94	0.24	30,226	707	51	42.75	0.18
OP - Radiology	79,923	705	57	113.42	0.54	96,702	796	58	121.55	0.59
OP - Surgery	1,047,143	862	70	1,215.34	7.11	1,166,448	1,056	77	1,104.58	7.08
OP - Other	768,788	4,820	393	159.51	5.22	685,715	4,489	327	152.77	4.16
Subtotal - Outpatient	2,542,781	11,139	908	228.28	17.27	2,739,612	11,889	865	230.44	16.62
Prof - Evaluation & Management	2,978,471	43,867	3,574	67.90	20.22	3,343,114	48,946	3,563	68.30	20.28
Prof - Maternity	1,151	3	0	383.63	0.01	-	-	-	-	-
Prof - Surgery	327,415	5,329	434	61.44	2.22	372,573	5,800	422	64.23	2.26
Prof - DME/Supplies	604,125	3,559	290	169.74	4.10	749,466	4,446	324	168.55	4.55
Prof - Lab	255,427	23,508	1,915	10.87	1.73	329,808	27,676	2,015	11.92	2.00
Prof - Radiology	83,562	4,249	346	19.67	0.57	91,177	4,776	348	19.09	0.55
Prof - Transportation	374,300	3,255	265	114.99	2.54	294,843	3,273	238	90.09	1.79
Prof - Other	2,866,068	151,842	12,372	18.88	19.46	3,002,883	179,403	13,058	16.74	18.21
Subtotal - Professional	7,490,519	235,612	19,198	31.79	50.86	8,183,864	274,321	19,967	29.83	49.64
MH - Inpatient	1,197,430	-	-	-	8.13	1,399,605	-	-	-	8.49
MH - Outpatient	3,775,284	73,600	5,997	51.29	25.63	6,100,754	73,665	5,362	82.82	37.01
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	1,537,791	28,690	2,338	53.60	10.44	1,675,388	20,106	1,463	83.33	10.16
MH - Supported Housing	-	-	-	-	-	-	-	-	-	-
MH - 23 Hour	180	10	1	18.02	0.00	3,238	165	12	19.64	0.02
MH - Intensive Outpatient	40,321	385	31	104.74	0.27	43,329	346	25	125.22	0.26
MH - Partial Hospitalization	10,799	54	4	200.00	0.07	5,575	26	2	211.95	0.03
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	6,561,806	102,739	8,371	63.87	44.55	9,227,889	94,309	6,865	97.85	55.97
Total	\$ 19,927,784				\$ 135.31	\$ 24,526,077				\$ 148.77

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Medicaid (TANF & Related) - Age 14 to 20 Female										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Member Months	41,977					46,811				
Home Health Care	479,822	8,275	2,366	57.98	11.43	227,159	4,561	1,169	49.80	4.85
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	331,953	337	96	984.85	7.91	415,435	444	114	936.43	8.87
IP - Newborn	142,030	243	69	584.38	3.38	267,688	349	90	766.67	5.72
IP - Medical	248,190	235	67	1,055.94	5.91	506,332	308	79	1,643.51	10.82
IP - Surgery	102,822	40	11	2,570.09	2.45	287,801	127	33	2,260.11	6.15
IP - Other	119,131	212	61	561.84	2.84	222,173	320	82	693.42	4.75
Subtotal - Inpatient	944,126	1,067	305	884.69	22.49	1,699,431	1,549	397	1,097.39	36.30
OP - Emergency Room	814,497	3,561	1,018	228.70	19.40	1,030,400	4,242	1,088	242.88	22.01
OP - Laboratory	19,401	423	121	45.89	0.46	24,488	472	121	51.88	0.52
OP - Radiology	54,035	417	119	129.64	1.29	54,126	447	114	121.19	1.16
OP - Surgery	462,265	271	77	1,706.55	11.01	361,625	259	67	1,393.95	7.73
OP - Other	68,157	659	188	103.47	1.62	62,998	546	140	115.31	1.35
Subtotal - Outpatient	1,418,356	5,331	1,524	266.08	33.79	1,533,637	5,967	1,530	257.03	32.76
Prof - Evaluation & Management	1,234,369	18,289	5,228	67.49	29.41	1,378,915	20,151	5,166	68.43	29.46
Prof - Maternity	181,905	394	113	461.67	4.33	221,375	428	110	517.38	4.73
Prof - Surgery	132,201	1,619	463	81.65	3.15	153,242	1,656	425	92.52	3.27
Prof - DME/Supplies	89,488	497	142	180.05	2.13	93,804	594	152	158.03	2.00
Prof - Lab	216,530	19,582	5,598	11.06	5.16	257,777	21,870	5,606	11.79	5.51
Prof - Radiology	199,168	4,907	1,403	40.59	4.74	214,120	5,358	1,374	39.96	4.57
Prof - Transportation	459,119	6,115	1,748	75.08	10.94	663,363	8,581	2,200	77.31	14.17
Prof - Other	974,050	75,730	21,649	12.86	23.20	873,433	70,698	18,123	12.35	18.66
Subtotal - Professional	3,486,829	127,133	36,344	27.43	83.07	3,856,030	129,336	33,155	29.81	82.37
MH - Inpatient	1,716,893	-	-	-	40.90	2,578,115	-	-	-	55.07
MH - Outpatient	1,625,083	32,053	9,163	50.70	38.71	2,483,449	31,710	8,129	78.32	53.05
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	647,731	9,994	2,857	64.81	15.43	545,780	5,667	1,453	96.31	11.66
MH - Supported Housing	2,523	28	8	90.10	0.06	963	4	1	238.05	0.02
MH - 23 Hour	1,015	48	14	21.16	0.02	756	38	10	19.66	0.02
MH - Intensive Outpatient	253,864	2,523	721	100.63	6.05	276,776	2,737	702	101.13	5.91
MH - Partial Hospitalization	9,949	49	14	203.06	0.24	4,654	22	6	209.09	0.10
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	4,257,059	44,695	12,777	95.25	101.42	5,890,494	40,178	10,300	146.61	125.83
Total	\$ 10,586,191				\$ 252.19	\$ 13,206,750				\$ 282.13

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Medicaid (TANF & Related) - Age 14 to 20 Male										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditure s PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditure s PMPM
Member Months	63,067					67,504				
Home Health Care	88,464	1,215	231	72.81	1.40	125,266	1,558	277	80.40	1.86
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	-	-	-	-	-	-	-	-	-	-
IP - Newborn	-	-	-	-	-	-	-	-	-	-
IP - Medical	618,818	580	110	1,066.74	9.81	804,811	775	138	1,038.02	11.92
IP - Surgery	808,087	271	52	2,981.35	12.81	626,747	304	54	2,061.86	9.28
IP - Other	38,092	47	9	810.32	0.60	105,323	200	36	525.95	1.56
Subtotal - Inpatient	1,464,997	898	171	1,631.11	23.23	1,536,881	1,280	227	1,201.10	22.77
OP - Emergency Room	696,851	2,996	570	232.62	11.05	807,069	3,412	607	236.52	11.96
OP - Laboratory	7,388	218	41	33.90	0.12	8,747	248	44	35.24	0.13
OP - Radiology	63,341	602	114	105.27	1.00	49,994	551	98	90.67	0.74
OP - Surgery	240,871	193	37	1,248.60	3.82	263,068	187	33	1,405.33	3.90
OP - Other	77,013	558	106	138.08	1.22	66,663	530	94	125.77	0.99
Subtotal - Outpatient	1,085,463	4,566	869	237.73	17.21	1,195,540	4,929	876	242.55	17.71
Prof - Evaluation & Management	1,042,110	14,513	2,761	71.81	16.52	1,128,531	15,757	2,801	71.62	16.72
Prof - Maternity	-	-	-	-	-	-	-	-	-	-
Prof - Surgery	205,703	1,654	315	124.36	3.26	226,587	1,780	316	127.31	3.36
Prof - DME/Supplies	73,085	544	104	134.34	1.16	82,903	486	86	170.54	1.23
Prof - Lab	113,397	10,491	1,996	10.81	1.80	138,898	11,925	2,120	11.65	2.06
Prof - Radiology	113,165	4,751	904	23.82	1.79	115,025	5,008	890	22.97	1.70
Prof - Transportation	515,250	5,554	1,057	92.77	8.17	687,444	7,478	1,329	91.93	10.18
Prof - Other	824,818	45,820	8,718	18.00	13.08	773,453	52,159	9,272	14.83	11.46
Subtotal - Professional	2,887,527	83,327	15,855	34.65	45.78	3,152,842	94,594	16,816	33.33	46.71
MH - Inpatient	1,564,558	-	-	-	24.81	3,200,146	4	1	790,757.53	47.41
MH - Outpatient	2,170,936	41,823	7,958	51.91	34.42	3,365,666	45,550	8,097	73.89	49.86
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	773,208	11,990	2,281	64.49	12.26	554,767	6,287	1,118	88.24	8.22
MH - Supported Housing	10,589	120	23	88.25	0.17	3,425	31	6	109.20	0.05
MH - 23 Hour	484	43	8	11.26	0.01	2,194	80	14	27.45	0.03
MH - Intensive Outpatient	229,721	2,278	433	100.85	3.64	249,922	2,397	426	104.27	3.70
MH - Partial Hospitalization	6,276	33	6	190.19	0.10	4,017	18	3	220.59	0.06
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	4,755,772	56,286	10,710	84.49	75.41	7,380,137	54,368	9,665	135.75	109.33
Total	\$ 10,282,223				\$ 163.04	\$ 13,390,666			\$ 198.37	

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Medicaid (TANF & Related) - Age 21 to 44 Female										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Member Months					47,573					47,217
Home Health Care	893	1	0	893.34	0.02	61	1	0	60.56	0.00
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	185,036	205	52	902.45	3.89	229,613	257	65	894.36	4.86
IP - Newborn	61,992	97	24	638.98	1.30	51,362	80	20	641.21	1.09
IP - Medical	373,169	390	98	956.68	7.84	317,398	229	58	1,385.98	6.72
IP - Surgery	424,030	273	69	1,552.95	8.91	301,912	218	55	1,386.76	6.39
IP - Other	16,391	19	5	862.51	0.34	23,439	22	5	1,086.88	0.50
Subtotal - Inpatient	1,060,617	984	248	1,077.67	22.29	923,724	805	205	1,147.32	19.56
OP - Emergency Room	383,718	1,264	319	303.47	8.07	295,546	945	240	312.71	6.26
OP - Laboratory	4,009	100	25	40.11	0.08	4,430	91	23	48.92	0.09
OP - Radiology	25,306	138	35	183.46	0.53	21,533	137	35	156.78	0.46
OP - Surgery	125,980	108	27	1,167.01	2.65	81,213	95	24	858.37	1.72
OP - Other	16,437	138	35	119.16	0.35	9,857	95	24	104.18	0.21
Subtotal - Outpatient	555,449	1,748	441	317.73	11.68	412,579	1,362	346	302.87	8.74
Prof - Evaluation & Management	307,927	4,731	1,193	65.08	6.47	271,115	4,185	1,064	64.78	5.74
Prof - Maternity	82,495	139	35	593.47	1.73	78,700	136	34	580.41	1.67
Prof - Surgery	70,746	361	91	195.96	1.49	76,641	381	97	201.33	1.62
Prof - DME/Supplies	16,868	143	36	117.95	0.35	22,128	121	31	183.59	0.47
Prof - Lab	46,561	4,036	1,018	11.54	0.98	38,772	3,063	779	12.66	0.82
Prof - Radiology	91,031	2,037	514	44.69	1.91	68,761	1,634	415	42.08	1.46
Prof - Transportation	116,785	1,385	349	84.31	2.45	89,859	1,145	291	78.48	1.90
Prof - Other	181,380	29,523	7,447	6.14	3.81	98,429	5,300	1,347	18.57	2.08
Subtotal - Professional	913,793	42,356	10,684	21.57	19.21	744,405	15,965	4,057	46.63	15.77
MH - Inpatient	153,835	-	-	-	3.23	131,249	-	-	-	2.78
MH - Outpatient	38,708	728	184	53.17	0.81	63,428	670	170	94.70	1.34
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	2,016	100	25	20.16	0.04	339	4	1	83.72	0.01
MH - Supported Housing	-	-	-	-	-	453	3	1	149.17	0.01
MH - 23 Hour	-	-	-	-	-	-	-	-	-	-
MH - Intensive Outpatient	7,914	69	17	114.71	0.17	8,763	78	20	112.49	0.19
MH - Partial Hospitalization	540	3	1	180.00	0.01	1,653	9	2	181.56	0.04
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	203,013	900	227	225.59	4.27	205,886	764	194	269.53	4.36
Total	\$ 2,733,765				\$ 57.46	\$ 2,286,655				\$ 48.43

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Medicaid (TANF & Related) - Age 21 to 44 Male										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Member Months					26,659					23,137
Home Health Care	-	-	-	-	-	1,002	14	7	71.48	0.04
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	-	-	-	-	-	-	-	-	-	-
IP - Newborn	-	-	-	-	-	-	-	-	-	-
IP - Medical	184,152	161	72	1,143.60	6.91	270,519	234	121	1,155.37	11.69
IP - Surgery	173,597	81	36	2,142.80	6.51	729,507	226	117	3,228.97	31.53
IP - Other	11,089	9	4	1,231.93	0.42	15,609	8	4	1,899.95	0.67
Subtotal - Inpatient	368,839	251	113	1,469.22	13.84	1,015,635	468	243	2,168.86	43.90
OP - Emergency Room	105,966	353	159	300.32	3.97	72,016	216	112	333.91	3.11
OP - Laboratory	166	12	5	13.85	0.01	219	13	7	16.54	0.01
OP - Radiology	2,731	23	10	118.81	0.10	5,307	13	7	401.26	0.23
OP - Surgery	12,088	12	5	1,007.78	0.45	17,684	16	8	1,086.42	0.76
OP - Other	4,767	19	9	251.01	0.18	2,782	17	9	160.87	0.12
Subtotal - Outpatient	125,718	419	189	300.18	4.72	98,009	276	143	355.49	4.24
Prof - Evaluation & Management	73,952	1,109	499	66.68	2.77	64,066	937	486	68.37	2.77
Prof - Maternity	-	-	-	-	-	-	-	-	-	-
Prof - Surgery	33,822	157	71	215.42	1.27	53,777	166	86	324.50	2.32
Prof - DME/Supplies	3,806	45	20	84.57	0.14	8,004	70	36	113.84	0.35
Prof - Lab	4,697	377	170	12.46	0.18	5,366	350	181	15.35	0.23
Prof - Radiology	14,327	463	208	30.94	0.54	15,559	486	252	32.01	0.67
Prof - Transportation	57,252	388	175	147.62	2.15	32,421	290	150	111.87	1.40
Prof - Other	23,018	1,723	775	13.36	0.86	31,345	2,282	1,183	13.74	1.35
Subtotal - Professional	210,873	4,262	1,918	49.48	7.91	210,538	4,580	2,375	45.97	9.10
MH - Inpatient	45,844	-	-	-	1.72	41,494	-	-	-	1.79
MH - Outpatient	9,945	192	86	51.80	0.37	12,603	174	90	72.43	0.54
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	-	-	-	-	-	-	-	-	-	-
MH - Supported Housing	10,225	114	51	89.70	0.38	5,000	32	17	154.44	0.22
MH - 23 Hour	1,350	30	14	45.00	0.05	-	-	-	-	-
MH - Intensive Outpatient	4,875	44	20	110.81	0.18	1,851	19	10	96.32	0.08
MH - Partial Hospitalization	-	-	-	-	-	-	-	-	-	-
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	72,239	380	171	190.12	2.71	60,949	226	117	270.14	2.63
Total	\$ 777,669				\$ 29.17	\$ 1,386,132				\$ 59.91

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Medicaid (TANF & Related) - Age 45 to 64										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Member Months					6,370					8,214
Home Health Care	-	-	-	-	-	-	-	-	-	-
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	-	-	-	-	-	-	-	-	-	-
IP - Newborn	-	-	-	-	-	-	-	-	-	-
IP - Medical	453,649	368	693	1,232.53	71.21	93,578	74	108	1,265.60	11.39
IP - Surgery	206,712	87	164	2,375.58	32.45	152,515	67	98	2,284.85	18.57
IP - Other	35,087	59	111	594.59	5.51	-	-	-	-	-
Subtotal - Inpatient	695,448	514	968	1,352.78	109.17	246,093	141	206	1,749.19	29.96
OP - Emergency Room	35,490	77	145	461.12	5.57	31,938	75	110	424.23	3.89
OP - Laboratory	195	5	9	39.03	0.03	401	25	37	15.78	0.05
OP - Radiology	4,481	22	41	203.79	0.70	5,061	27	40	184.23	0.62
OP - Surgery	15,366	19	36	809.11	2.41	27,563	23	34	1,177.94	3.36
OP - Other	3,479	20	38	174.01	0.55	1,109	15	22	72.67	0.14
Subtotal - Outpatient	59,011	143	269	412.85	9.26	66,072	167	244	396.00	8.04
Prof - Evaluation & Management	97,805	1,813	3,415	53.94	15.35	44,350	699	1,021	63.44	5.40
Prof - Maternity	-	-	-	-	-	-	-	-	-	-
Prof - Surgery	19,533	97	183	201.37	3.07	27,893	118	172	237.36	3.40
Prof - DME/Supplies	2,890	41	77	70.48	0.45	4,021	47	69	85.19	0.49
Prof - Lab	4,795	407	767	11.78	0.75	5,856	547	800	10.70	0.71
Prof - Radiology	10,253	291	548	35.23	1.61	9,634	234	342	41.17	1.17
Prof - Transportation	25,311	194	365	130.52	3.97	6,913	99	145	69.86	0.84
Prof - Other	25,227	8,809	16,594	2.86	3.96	40,481	30,641	44,765	1.32	4.93
Subtotal - Professional	185,814	11,652	21,950	15.95	29.17	139,149	32,385	47,313	4.30	16.94
MH - Inpatient	4,781	-	-	-	0.75	-	-	-	-	-
MH - Outpatient	2,953	46	87	64.20	0.46	11,029	121	177	90.84	1.34
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	129	1	2	128.70	0.02	-	-	-	-	-
MH - Supported Housing	314	1	2	314.00	0.05	-	-	-	-	-
MH - 23 Hour	-	-	-	-	-	-	-	-	-	-
MH - Intensive Outpatient	-	-	-	-	-	1,214	12	18	100.00	0.15
MH - Partial Hospitalization	-	-	-	-	-	-	-	-	-	-
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	8,177	48	90	170.37	1.28	12,243	134	195	91.67	1.49
Total	\$ 948,450				\$ 148.88	\$ 463,557				\$ 56.44

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Medicaid (TANF & Related) - Age Over 65										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Member Months					51					42
Home Health Care	-	-	-	-	-	-	-	-	-	-
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	-	-	-	-	-	-	-	-	-	-
IP - Newborn	-	-	-	-	-	-	-	-	-	-
IP - Medical	2,297	4	947	574.12	45.31	-	-	-	-	-
IP - Surgery	-	-	-	-	-	-	-	-	-	-
IP - Other	-	-	-	-	-	-	-	-	-	-
Subtotal - Inpatient	2,297	4	947	574.12	45.31	-	-	-	-	-
OP - Emergency Room	-	-	-	-	-	-	-	-	-	-
OP - Laboratory	-	-	-	-	-	-	-	-	-	-
OP - Radiology	-	-	-	-	-	-	-	-	-	-
OP - Surgery	-	-	-	-	-	-	-	-	-	-
OP - Other	-	-	-	-	-	-	-	-	-	-
Subtotal - Outpatient	-	-	-	-	-	-	-	-	-	-
Prof - Evaluation & Management	-	-	-	-	-	-	-	-	-	-
Prof - Maternity	-	-	-	-	-	-	-	-	-	-
Prof - Surgery	-	-	-	-	-	-	-	-	-	-
Prof - DME/Supplies	-	-	-	-	-	-	-	-	-	-
Prof - Lab	-	-	-	-	-	-	-	-	-	-
Prof - Radiology	-	-	-	-	-	-	-	-	-	-
Prof - Transportation	-	-	-	-	-	-	-	-	-	-
Prof - Other	-	-	-	-	-	-	-	-	-	-
Subtotal - Professional	-	-	-	-	-	-	-	-	-	-
MH - Inpatient	-	-	-	-	-	-	-	-	-	-
MH - Outpatient	-	-	-	-	-	-	-	-	-	-
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	-	-	-	-	-	-	-	-	-	-
MH - Supported Housing	-	-	-	-	-	-	-	-	-	-
MH - 23 Hour	-	-	-	-	-	-	-	-	-	-
MH - Intensive Outpatient	-	-	-	-	-	-	-	-	-	-
MH - Partial Hospitalization	-	-	-	-	-	-	-	-	-	-
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	-	-	-	-	-	-	-	-	-	-
Total	\$ 2,297				\$ 45.31	\$ -				\$ -

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Disabled - Age Under 21										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Member Months	413,580					393,133				
Home Health Care	116,188,532	674,668	19,575	172.22	280.93	110,002,752	604,279	18,445	182.04	279.81
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	341,364	348	10	980.76	0.83	315,007	327	10	964.61	0.80
IP - Newborn	6,599,361	3,539	103	1,864.95	15.96	7,421,184	4,283	131	1,732.57	18.88
IP - Medical	16,496,663	13,704	398	1,203.75	39.89	17,344,187	14,113	431	1,228.94	44.12
IP - Surgery	13,060,915	4,467	130	2,924.01	31.58	13,367,418	6,533	199	2,046.03	34.00
IP - Other	4,500,071	6,151	178	731.59	10.88	7,317,272	5,977	182	1,224.29	18.61
Subtotal - Inpatient	40,998,374	28,209	818	1,453.38	99.13	45,765,068	31,233	953	1,465.27	116.41
OP - Emergency Room	5,274,682	24,474	710	215.52	12.75	5,088,914	23,650	722	215.17	12.94
OP - Laboratory	686,511	7,768	225	88.37	1.66	727,882	8,849	270	82.26	1.85
OP - Radiology	1,412,704	6,290	183	224.59	3.42	1,565,033	6,910	211	226.49	3.98
OP - Surgery	12,572,638	8,034	233	1,564.86	30.40	13,299,371	8,767	268	1,517.06	33.83
OP - Other	11,070,327	60,921	1,768	181.72	26.77	12,394,471	54,372	1,660	227.96	31.53
Subtotal - Outpatient	31,016,860	107,488	3,119	288.56	75.00	33,075,671	102,548	3,130	322.54	84.13
Prof - Evaluation & Management	16,490,933	215,749	6,260	76.44	39.87	16,839,647	213,932	6,530	78.71	42.83
Prof - Maternity	167,139	387	11	431.87	0.40	147,120	265	8	554.83	0.37
Prof - Surgery	3,574,826	20,590	597	173.62	8.64	3,703,310	19,589	598	189.05	9.42
Prof - DME/Supplies	25,751,575	113,893	3,305	226.10	62.26	26,335,136	142,266	4,343	185.11	66.99
Prof - Lab	969,371	86,858	2,520	11.16	2.34	1,062,136	87,995	2,686	12.07	2.70
Prof - Radiology	1,093,353	44,801	1,300	24.40	2.64	1,066,291	43,317	1,322	24.62	2.71
Prof - Transportation	4,765,023	48,472	1,406	98.30	11.52	4,628,215	49,103	1,499	94.26	11.77
Prof - Other	23,551,532	4,554,504	132,149	5.17	56.95	25,297,971	4,969,396	151,686	5.09	64.35
Subtotal - Professional	76,363,753	5,085,253	147,548	15.02	184.64	79,079,825	5,525,863	168,671	14.31	201.15
MH - Inpatient	14,545,853	18	1	808,167.87	35.17	14,360,971	7	0	2,027,772.85	36.53
MH - Outpatient	12,133,152	274,474	7,964	44.21	29.34	18,025,181	270,418	8,254	66.66	45.85
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	5,325,258	151,987	4,410	35.04	12.88	3,889,203	109,159	3,332	35.63	9.89
MH - Supported Housing	406,658	3,747	109	108.54	0.98	254,876	2,510	77	101.54	0.65
MH - 23 Hour	1,564	68	2	23.00	0.00	8,849	595	18	14.88	0.02
MH - Intensive Outpatient	160,529	1,567	45	102.45	0.39	141,617	1,358	41	104.30	0.36
MH - Partial Hospitalization	45,062	217	6	207.67	0.11	64,643	319	10	202.84	0.16
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	32,618,076	432,077	12,537	75.49	78.87	36,745,340	384,366	11,732	95.60	93.47
Total	\$297,185,595				\$ 718.57	\$304,668,656				\$ 774.98

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Disabled - Age Over 21										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Member Months	28,817					24,647				
Home Health Care	271,814	1,782	742	152.53	9.43	311,717	1,871	911	166.56	12.65
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	7,809	11	5	709.78	0.27	7,152	8	4	870.60	0.29
IP - Newborn	-	-	-	-	-	13,161	11	5	1,165.11	0.53
IP - Medical	269,439	278	116	969.04	9.35	268,061	299	145	897.01	10.88
IP - Surgery	206,542	90	37	2,294.50	7.17	224,492	125	61	1,791.84	9.11
IP - Other	5,374	12	5	447.76	0.19	17,844	21	10	868.82	0.72
Subtotal - Inpatient	489,163	391	163	1,250.84	16.97	530,711	464	226	1,143.35	21.53
OP - Emergency Room	64,328	222	92	289.90	2.23	74,450	217	106	343.57	3.02
OP - Laboratory	1,281	40	17	32.03	0.04	1,248	56	27	22.31	0.05
OP - Radiology	6,438	38	16	169.50	0.22	5,274	26	13	199.37	0.21
OP - Surgery	25,480	30	12	849.73	0.88	26,497	34	16	789.24	1.08
OP - Other	23,315	88	37	265.07	0.81	36,517	70	34	520.20	1.48
Subtotal - Outpatient	120,842	418	174	289.23	4.19	143,986	403	196	357.40	5.84
Prof - Evaluation & Management	101,400	1,652	688	61.38	3.52	126,818	1,961	955	64.68	5.15
Prof - Maternity	2,178	6	2	362.94	0.08	2,730	5	2	543.54	0.11
Prof - Surgery	30,975	141	59	219.67	1.07	24,062	182	89	132.36	0.98
Prof - DME/Supplies	89,151	569	237	156.67	3.09	74,657	1,265	616	59.04	3.03
Prof - Lab	8,102	1,106	461	7.33	0.28	10,383	1,202	585	8.64	0.42
Prof - Radiology	15,212	467	194	32.57	0.53	16,663	505	246	32.98	0.68
Prof - Transportation	65,847	859	358	76.67	2.29	74,366	1,039	506	71.57	3.02
Prof - Other	101,106	58,188	24,231	1.74	3.51	148,039	70,033	34,097	2.11	6.01
Subtotal - Professional	413,971	62,988	26,230	6.57	14.37	477,717	76,191	37,096	6.27	19.38
MH - Inpatient	303,871	-	-	-	10.54	337,486	-	-	-	13.69
MH - Outpatient	112,849	4,185	1,743	26.97	3.92	192,583	6,135	2,987	31.39	7.81
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	85,920	4,051	1,687	21.21	2.98	78,169	3,657	1,781	21.37	3.17
MH - Supported Housing	-	-	-	-	-	-	-	-	-	-
MH - 23 Hour	-	-	-	-	-	9	1	0	9.01	0.00
MH - Intensive Outpatient	2,079	21	9	99.00	0.07	-	-	-	-	-
MH - Partial Hospitalization	-	-	-	-	-	-	-	-	-	-
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	504,719	8,256	3,438	61.13	17.51	608,247	9,794	4,768	62.11	24.68
Total	\$ 1,800,509				\$ 62.48	\$ 2,072,378				\$ 84.08

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
Historical Encounter Data

Completed Claims Data + Non-System Claims										
Duals/Waiver Duals - All Ages										
Service Category	April 2016 - March 2017					April 2017 - March 2018				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Member Months	35,382					31,068				
Home Health Care	1,436,918	12,207	4,140	117.71	40.61	1,253,395	12,875	4,973	97.35	40.34
Hospice	-	-	-	-	-	-	-	-	-	-
IP - Maternity	3,405	2	1	1,702.10	0.10	-	-	-	-	-
IP - Newborn	10,352	11	4	940.89	0.29	407	2	1	198.08	0.01
IP - Medical	25,849	87	30	297.06	0.73	43,530	49	19	883.09	1.40
IP - Surgery	16,038	44	15	364.44	0.45	10,687	7	3	1,486.69	0.34
IP - Other	759	1	0	759.01	0.02	13,102	18	7	708.82	0.42
Subtotal - Inpatient	56,403	145	49	388.92	1.59	67,726	77	30	879.33	2.18
OP - Emergency Room	4,180	16	5	261.36	0.12	4,554	13	5	344.30	0.15
OP - Laboratory	1,286	2	1	643.28	0.04	197	5	2	38.79	0.01
OP - Radiology	227	2	1	113.38	0.01	2,586	4	2	635.35	0.08
OP - Surgery	2,888	4	1	722.41	0.08	5,267	8	3	647.13	0.17
OP - Other	4,103	24	8	171.03	0.12	44,590	23	9	1,905.61	1.44
Subtotal - Outpatient	12,684	48	16	264.37	0.36	57,193	54	21	1,060.70	1.84
Prof - Evaluation & Management	6,025	90	31	66.94	0.17	4,340	61	24	70.84	0.14
Prof - Maternity	-	-	-	-	-	-	-	-	-	-
Prof - Surgery	973	7	2	139.06	0.03	590	4	2	146.96	0.02
Prof - DME/Supplies	8,207	172	58	47.71	0.23	15,980	159	61	100.69	0.51
Prof - Lab	954	75	25	12.72	0.03	448	35	14	12.76	0.01
Prof - Radiology	287	20	7	14.33	0.01	377	19	7	19.78	0.01
Prof - Transportation	4,127	42	14	99.33	0.12	-	-	-	-	-
Prof - Other	79,687	73,139	24,805	1.09	2.25	54,170	61,097	23,598	0.89	1.74
Subtotal - Professional	100,260	73,545	24,943	1.36	2.83	75,906	61,375	23,706	1.24	2.44
MH - Inpatient	54,018	-	-	-	1.53	21,144	-	-	-	0.68
MH - Outpatient	91,229	4,079	1,383	22.37	2.58	121,977	938	362	130.06	3.93
MH - Case Rates	-	-	-	-	-	-	-	-	-	-
MH - Grants	-	-	-	-	-	-	-	-	-	-
MH - In-Home Services	57,247	2,680	909	21.36	1.62	47,076	2,610	1,008	18.03	1.52
MH - Supported Housing	28,391	354	120	80.21	0.80	71,175	572	221	124.51	2.29
MH - 23 Hour	-	-	-	-	-	-	-	-	-	-
MH - Intensive Outpatient	-	-	-	-	-	2,554	4	2	631.13	0.08
MH - Partial Hospitalization	400	2	1	200.00	0.01	-	-	-	-	-
MH - Transportation	-	-	-	-	-	-	-	-	-	-
Subtotal - Mental Health	231,286	7,114	2,413	32.51	6.54	263,926	4,124	1,593	64.00	8.49
Total	\$ 1,837,550				\$ 51.93	\$ 1,718,146				\$ 55.30

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Medicaid (TANF & Related) - Age Under 1									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			7,217			7,821			8,336
Home Health Care	2,173	338.26	61.26	0.982	1.000	60.15	0.980	1.003	59.10
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Newborn	2,122	2,230.73	394.54	1.070	1.000	421.99	1.100	1.000	464.19
IP - Medical	727	1,252.73	75.89	1.070	1.000	81.17	1.100	1.000	89.29
IP - Surgery	152	2,260.28	28.66	1.070	1.000	30.65	1.100	1.000	33.72
IP - Other	3	873.17	0.23	1.070	1.000	0.25	1.100	1.000	0.28
Subtotal - Inpatient	3,005	6,616.92	499.33			534.06			587.48
OP - Emergency Room	1,080	206.19	18.55	1.011	1.000	18.75	1.050	1.000	19.69
OP - Laboratory	183	34.10	0.52	1.011	1.000	0.53	1.050	1.003	0.56
OP - Radiology	361	105.06	3.16	1.011	1.000	3.19	1.050	1.003	3.36
OP - Surgery	214	1,093.53	19.51	1.011	1.000	19.72	1.050	1.000	20.71
OP - Other	1,468	170.79	20.90	1.011	1.000	21.12	1.050	1.000	22.18
Subtotal - Outpatient	3,306	1,609.66	62.64			63.31			66.50
Prof - Evaluation & Management	18,701	85.38	133.06	0.996	1.000	132.57	1.050	1.000	139.20
Prof - Maternity	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Surgery	1,233	108.18	11.12	0.996	1.000	11.08	1.050	1.000	11.63
Prof - DME/Supplies	1,820	129.34	19.61	0.996	1.000	19.54	1.050	0.967	19.85
Prof - Lab	3,760	14.03	4.40	0.996	1.000	4.38	1.050	1.003	4.61
Prof - Radiology	1,837	18.42	2.82	0.996	1.000	2.81	1.050	1.003	2.96
Prof - Transportation	986	178.31	14.65	0.996	1.000	14.60	1.050	1.003	15.37
Prof - Other	23,851	19.91	39.58	0.996	1.000	39.43	1.050	1.000	41.40
Subtotal - Professional	52,188	553.58	225.24			224.41			235.02
MH - Inpatient	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Outpatient	92	40.48	0.31	1.052	1.000	0.33	1.061	1.003	0.35
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Supported Housing	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - 23 Hour	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Intensive Outpatient	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Partial Hospitalization	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	92	40.48	0.31			0.33			0.35
Total			\$ 848.78			\$ 882.26			\$ 948.45
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 992.15			#####

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Medicaid (TANF & Related) - Age 1 to 13									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			156,068			170,477			177,767
Home Health Care	471	396.78	15.59	0.982	1.000	15.31	0.980	1.003	15.04
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	0	1,325.60	0.01	1.070	1.000	0.01	1.100	1.000	0.01
IP - Newborn	2	2,808.39	0.56	1.070	1.000	0.60	1.100	1.000	0.66
IP - Medical	56	1,112.48	5.18	1.070	1.000	5.54	1.100	1.000	6.09
IP - Surgery	14	2,470.16	2.90	1.070	1.000	3.10	1.100	1.000	3.41
IP - Other	11	633.97	0.58	1.070	1.000	0.62	1.100	1.000	0.68
Subtotal - Inpatient	83	8,350.60	9.22			9.87			10.85
OP - Emergency Room	350	152.71	4.45	1.011	1.000	4.50	1.050	1.000	4.73
OP - Laboratory	52	49.97	0.22	1.011	1.000	0.22	1.050	1.003	0.23
OP - Radiology	59	117.44	0.57	1.011	1.000	0.58	1.050	1.003	0.61
OP - Surgery	75	1,158.34	7.21	1.011	1.000	7.29	1.050	1.000	7.65
OP - Other	366	156.50	4.78	1.011	1.000	4.83	1.050	1.000	5.07
Subtotal - Outpatient	901	1,634.96	17.23			17.42			18.29
Prof - Evaluation & Management	3,603	68.10	20.45	0.996	1.000	20.37	1.050	1.000	21.39
Prof - Maternity	0	383.63	-	0.996	1.000	-	1.050	1.000	-
Prof - Surgery	432	62.80	2.26	0.996	1.000	2.25	1.050	1.000	2.36
Prof - DME/Supplies	310	169.12	4.36	0.996	1.000	4.34	1.050	0.961	4.38
Prof - Lab	1,984	11.40	1.88	0.996	1.000	1.87	1.050	1.003	1.97
Prof - Radiology	350	19.38	0.57	0.996	1.000	0.57	1.050	1.003	0.60
Prof - Transportation	254	103.33	2.19	0.996	1.000	2.18	1.050	1.003	2.29
Prof - Other	12,835	17.79	19.03	0.996	1.000	18.96	1.050	1.000	19.91
Subtotal - Professional	19,768	835.55	50.74			50.54			52.90
MH - Inpatient	-	-	8.78	1.052	1.000	9.24	1.061	1.000	9.80
MH - Outpatient	6,025	65.32	32.80	1.052	1.000	34.50	1.061	1.003	36.69
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	2,035	64.29	10.90	1.052	1.000	11.47	1.061	1.003	12.20
MH - Supported Housing	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - 23 Hour	6	19.52	0.01	1.052	1.000	0.01	1.061	1.003	0.01
MH - Intensive Outpatient	30	113.31	0.28	1.052	1.000	0.29	1.061	1.003	0.31
MH - Partial Hospitalization	3	203.35	0.06	1.052	1.000	0.06	1.061	1.003	0.06
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	8,100	465.80	52.83			55.57			59.07
Total			\$ 145.61			\$ 148.71			\$ 156.15
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 167.23			\$ 175.60

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Medicaid (TANF & Related) - Age 14 to 20 Female									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			44,394			48,800			51,284
Home Health Care	1,741	55.24	8.01	0.982	1.000	7.86	0.980	1.003	7.72
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	109	959.63	8.73	1.070	1.000	9.34	1.100	1.000	10.27
IP - Newborn	82	683.33	4.70	1.070	1.000	5.03	1.100	1.000	5.53
IP - Medical	76	1,361.45	8.62	1.070	1.000	9.22	1.100	1.000	10.14
IP - Surgery	23	2,345.50	4.40	1.070	1.000	4.71	1.100	1.000	5.18
IP - Other	74	634.91	3.91	1.070	1.000	4.18	1.100	1.000	4.60
Subtotal - Inpatient	364	5,984.81	30.36			32.48			35.72
OP - Emergency Room	1,070	235.91	21.03	1.011	1.000	21.25	1.050	1.000	22.31
OP - Laboratory	123	48.83	0.50	1.011	1.000	0.51	1.050	1.003	0.54
OP - Radiology	119	125.57	1.24	1.011	1.000	1.25	1.050	1.003	1.32
OP - Surgery	73	1,564.63	9.55	1.011	1.000	9.65	1.050	1.000	10.13
OP - Other	167	108.43	1.51	1.011	1.000	1.53	1.050	1.000	1.61
Subtotal - Outpatient	1,552	2,083.38	33.83			34.19			35.91
Prof - Evaluation & Management	5,248	67.95	29.72	0.996	1.000	29.61	1.050	1.000	31.09
Prof - Maternity	112	488.89	4.57	0.996	1.000	4.55	1.050	1.000	4.78
Prof - Surgery	448	86.80	3.24	0.996	1.000	3.23	1.050	1.000	3.39
Prof - DME/Supplies	149	168.77	2.09	0.996	1.000	2.08	1.050	0.938	2.05
Prof - Lab	5,656	11.42	5.38	0.996	1.000	5.36	1.050	1.003	5.64
Prof - Radiology	1,402	40.28	4.71	0.996	1.000	4.69	1.050	1.003	4.94
Prof - Transportation	1,991	76.31	12.66	0.996	1.000	12.61	1.050	1.003	13.27
Prof - Other	20,096	12.63	21.16	0.996	1.000	21.08	1.050	1.000	22.13
Subtotal - Professional	35,101	953.05	83.52			83.21			87.29
MH - Inpatient	-	-	50.34	1.052	1.000	52.96	1.061	1.000	56.18
MH - Outpatient	9,174	62.94	48.11	1.052	1.000	50.61	1.061	1.003	53.82
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	2,319	74.68	14.43	1.052	1.000	15.18	1.061	1.003	16.14
MH - Supported Housing	5	105.51	0.04	1.052	1.000	0.04	1.061	1.003	0.04
MH - 23 Hour	13	20.57	0.02	1.052	1.000	0.02	1.061	1.003	0.02
MH - Intensive Outpatient	753	100.86	6.33	1.052	1.000	6.66	1.061	1.003	7.08
MH - Partial Hospitalization	11	204.67	0.18	1.052	1.000	0.19	1.061	1.003	0.20
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	12,274	569.23	119.47			125.66			133.48
Total			\$ 275.19			\$ 283.40			\$ 300.12
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 318.70			\$ 337.50

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Medicaid (TANF & Related) - Age 14 to 20 Male									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			65,285			69,341			71,624
Home Health Care	251	76.99	1.61	0.982	1.000	1.58	0.980	1.003	1.55
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Newborn	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Medical	129	1,051.37	11.28	1.070	1.000	12.06	1.100	1.000	13.27
IP - Surgery	55	2,529.66	11.59	1.070	1.000	12.40	1.100	1.000	13.64
IP - Other	23	586.87	1.11	1.070	1.000	1.19	1.100	1.000	1.31
Subtotal - Inpatient	206	4,167.90	23.99			25.65			28.22
OP - Emergency Room	598	234.60	11.68	1.011	1.000	11.80	1.050	1.000	12.39
OP - Laboratory	43	34.58	0.13	1.011	1.000	0.13	1.050	1.003	0.14
OP - Radiology	108	98.65	0.89	1.011	1.000	0.90	1.050	1.003	0.95
OP - Surgery	36	1,321.86	3.92	1.011	1.000	3.96	1.050	1.000	4.16
OP - Other	102	132.39	1.12	1.011	1.000	1.13	1.050	1.000	1.19
Subtotal - Outpatient	887	1,822.09	17.74			17.92			18.83
Prof - Evaluation & Management	2,808	71.71	16.78	0.996	1.000	16.72	1.050	1.000	17.56
Prof - Maternity	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Surgery	319	125.83	3.34	0.996	1.000	3.33	1.050	1.000	3.50
Prof - DME/Supplies	96	150.64	1.20	0.996	1.000	1.20	1.050	0.941	1.19
Prof - Lab	2,077	11.24	1.95	0.996	1.000	1.94	1.050	1.003	2.04
Prof - Radiology	906	23.40	1.77	0.996	1.000	1.76	1.050	1.003	1.85
Prof - Transportation	1,203	92.30	9.26	0.996	1.000	9.23	1.050	1.003	9.72
Prof - Other	9,080	16.38	12.39	0.996	1.000	12.34	1.050	1.000	12.96
Subtotal - Professional	16,489	491.50	46.69			46.52			48.82
MH - Inpatient	0	1,252,225.53	37.54	1.052	1.000	39.49	1.061	1.000	41.89
MH - Outpatient	8,486	62.40	44.12	1.052	1.000	46.41	1.061	1.003	49.35
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	1,831	71.74	10.95	1.052	1.000	11.52	1.061	1.003	12.25
MH - Supported Housing	16	92.01	0.12	1.052	1.000	0.13	1.061	1.003	0.14
MH - 23 Hour	12	21.12	0.02	1.052	1.000	0.02	1.061	1.003	0.02
MH - Intensive Outpatient	455	102.45	3.88	1.052	1.000	4.08	1.061	1.003	4.34
MH - Partial Hospitalization	5	199.80	0.09	1.052	1.000	0.09	1.061	1.003	0.10
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	10,804	1,252,775.05	96.71			101.74			108.09
Total			\$ 186.74			\$ 193.41			\$ 205.51
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 217.50			\$ 231.11

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Medicaid (TANF & Related) - Age 21 to 44 Female									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			47,395			46,381			47,847
Home Health Care	0	470.40	0.01	0.982	1.000	0.01	0.980	1.003	0.01
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	61	898.10	4.54	1.070	1.000	4.86	1.100	1.000	5.35
IP - Newborn	23	639.95	1.25	1.070	1.000	1.34	1.100	1.000	1.47
IP - Medical	82	1,108.14	7.62	1.070	1.000	8.15	1.100	1.000	8.97
IP - Surgery	65	1,482.25	8.03	1.070	1.000	8.59	1.100	1.000	9.45
IP - Other	5	977.63	0.44	1.070	1.000	0.47	1.100	1.000	0.52
Subtotal - Inpatient	237	5,106.07	21.88			23.41			25.76
OP - Emergency Room	285	307.37	7.30	1.011	1.000	7.38	1.050	1.000	7.75
OP - Laboratory	25	44.24	0.09	1.011	1.000	0.09	1.050	1.003	0.09
OP - Radiology	35	170.31	0.50	1.011	1.000	0.51	1.050	1.003	0.54
OP - Surgery	26	1,024.76	2.23	1.011	1.000	2.25	1.050	1.000	2.36
OP - Other	30	113.16	0.28	1.011	1.000	0.28	1.050	1.000	0.29
Subtotal - Outpatient	401	1,659.84	10.40			10.51			11.03
Prof - Evaluation & Management	1,140	64.94	6.17	0.996	1.000	6.15	1.050	1.000	6.46
Prof - Maternity	35	587.06	1.72	0.996	1.000	1.71	1.050	1.000	1.80
Prof - Surgery	95	198.70	1.57	0.996	1.000	1.56	1.050	1.000	1.64
Prof - DME/Supplies	34	147.78	0.42	0.996	1.000	0.42	1.050	0.979	0.43
Prof - Lab	908	12.02	0.91	0.996	1.000	0.91	1.050	1.003	0.96
Prof - Radiology	470	43.53	1.70	0.996	1.000	1.69	1.050	1.003	1.78
Prof - Transportation	324	81.69	2.20	0.996	1.000	2.19	1.050	1.003	2.31
Prof - Other	4,469	8.02	2.99	0.996	1.000	2.98	1.050	1.000	3.13
Subtotal - Professional	7,474	1,143.74	17.67			17.61			18.51
MH - Inpatient	-	-	3.19	1.052	1.000	3.36	1.061	1.000	3.56
MH - Outpatient	187	72.02	1.13	1.052	1.000	1.19	1.061	1.003	1.27
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	15	22.41	0.03	1.052	1.000	0.03	1.061	1.003	0.03
MH - Supported Housing	0	149.17	-	1.052	1.000	-	1.061	1.003	-
MH - 23 Hour	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Intensive Outpatient	20	113.59	0.19	1.052	1.000	0.20	1.061	1.003	0.21
MH - Partial Hospitalization	2	181.14	0.02	1.052	1.000	0.02	1.061	1.003	0.02
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	224	538.33	4.56			4.80			5.09
Total			\$ 54.52			\$ 56.34			\$ 60.40
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 63.36			\$ 67.92

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Medicaid (TANF & Related) - Age 21 to 44 Male									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			24,898			22,457			22,303
Home Health Care	4	71.48	0.02	0.982	1.000	0.02	0.980	1.003	0.02
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Newborn	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Medical	100	1,150.74	9.59	1.070	1.000	10.26	1.100	1.000	11.29
IP - Surgery	78	2,954.76	19.30	1.070	1.000	20.64	1.100	1.000	22.70
IP - Other	4	1,560.69	0.56	1.070	1.000	0.60	1.100	1.000	0.66
Subtotal - Inpatient	183	5,666.20	29.45			31.50			34.65
OP - Emergency Room	138	313.94	3.61	1.011	1.000	3.65	1.050	1.000	3.83
OP - Laboratory	6	15.33	0.01	1.011	1.000	0.01	1.050	1.003	0.01
OP - Radiology	9	229.22	0.17	1.011	1.000	0.17	1.050	1.003	0.18
OP - Surgery	7	1,055.14	0.62	1.011	1.000	0.63	1.050	1.000	0.66
OP - Other	9	205.58	0.15	1.011	1.000	0.15	1.050	1.000	0.16
Subtotal - Outpatient	169	1,819.21	4.55			4.61			4.84
Prof - Evaluation & Management	497	67.50	2.80	0.996	1.000	2.79	1.050	1.000	2.93
Prof - Maternity	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Surgery	79	274.76	1.81	0.996	1.000	1.80	1.050	1.000	1.89
Prof - DME/Supplies	29	103.26	0.25	0.996	1.000	0.25	1.050	0.769	0.20
Prof - Lab	177	13.94	0.21	0.996	1.000	0.21	1.050	1.003	0.22
Prof - Radiology	232	31.52	0.61	0.996	1.000	0.61	1.050	1.003	0.64
Prof - Transportation	164	131.25	1.80	0.996	1.000	1.79	1.050	1.003	1.88
Prof - Other	987	13.59	1.12	0.996	1.000	1.12	1.050	1.000	1.18
Subtotal - Professional	2,165	635.82	8.58			8.57			8.94
MH - Inpatient	-	-	1.86	1.052	1.000	1.96	1.061	1.000	2.08
MH - Outpatient	93	61.78	0.48	1.052	1.000	0.50	1.061	1.003	0.53
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Supported Housing	37	104.39	0.32	1.052	1.000	0.34	1.061	1.003	0.36
MH - 23 Hour	8	45.00	0.03	1.052	1.000	0.03	1.061	1.000	0.03
MH - Intensive Outpatient	16	106.30	0.14	1.052	1.000	0.15	1.061	1.003	0.16
MH - Partial Hospitalization	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	154	317.47	2.83			2.98			3.16
Total			\$ 45.43			\$ 47.68			\$ 51.61
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 53.62			\$ 58.04

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Medicaid (TANF & Related) - Age 45 to 64									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			7,292			8,252			8,189
Home Health Care	-	-	-	0.982	1.000	-	0.980	1.000	-
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Newborn	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Medical	430	1,236.68	44.33	1.070	1.000	47.41	1.100	1.000	52.15
IP - Surgery	138	2,343.45	26.89	1.070	1.000	28.76	1.100	1.000	31.64
IP - Other	60	594.59	2.99	1.070	1.000	3.20	1.100	1.000	3.52
Subtotal - Inpatient	628	4,174.73	74.21			79.37			87.31
OP - Emergency Room	130	445.50	4.82	1.011	1.000	4.87	1.050	1.000	5.11
OP - Laboratory	23	20.61	0.04	1.011	1.000	0.04	1.050	1.003	0.04
OP - Radiology	41	194.33	0.67	1.011	1.000	0.68	1.050	1.003	0.72
OP - Surgery	36	986.36	2.92	1.011	1.000	2.95	1.050	1.000	3.10
OP - Other	31	137.09	0.35	1.011	1.000	0.35	1.050	1.000	0.37
Subtotal - Outpatient	261	1,783.87	8.81			8.89			9.34
Prof - Evaluation & Management	2,251	56.10	10.52	0.996	1.000	10.48	1.050	1.000	11.00
Prof - Maternity	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Surgery	179	218.63	3.26	0.996	1.000	3.25	1.050	1.000	3.41
Prof - DME/Supplies	74	77.35	0.48	0.996	1.000	0.48	1.050	0.957	0.48
Prof - Lab	791	11.23	0.74	0.996	1.000	0.74	1.050	1.003	0.78
Prof - Radiology	450	37.49	1.41	0.996	1.000	1.40	1.050	1.003	1.47
Prof - Transportation	258	113.56	2.45	0.996	1.000	2.44	1.050	1.003	2.57
Prof - Other	30,840	1.74	4.48	0.996	1.000	4.46	1.050	1.000	4.68
Subtotal - Professional	34,844	516.10	23.34			23.25			24.39
MH - Inpatient	-	-	0.42	1.052	1.000	0.44	1.061	1.000	0.47
MH - Outpatient	137	81.45	0.93	1.052	1.000	0.98	1.061	1.003	1.04
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	1	128.70	0.01	1.052	1.000	0.01	1.061	1.000	0.01
MH - Supported Housing	1	314.00	0.03	1.052	1.000	0.03	1.061	1.000	0.03
MH - 23 Hour	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Intensive Outpatient	9	100.00	0.07	1.052	1.000	0.07	1.061	1.003	0.07
MH - Partial Hospitalization	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	148	624.15	1.46			1.53			1.62
Total			\$ 107.82			\$ 113.04			\$ 122.66
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 127.12			\$ 137.94

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Medicaid (TANF & Related) - Age Over 65									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			47			56			75
Home Health Care	-	-	-	0.982	1.000	-	0.980	1.000	-
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Newborn	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Medical	514	574.12	24.58	1.070	1.000	26.29	1.100	1.000	28.92
IP - Surgery	-	-	-	1.070	1.000	-	1.100	1.000	-
IP - Other	-	-	-	1.070	1.000	-	1.100	1.000	-
Subtotal - Inpatient	514	574.12	24.58			26.29			28.92
OP - Emergency Room	-	-	-	1.011	1.000	-	1.050	1.000	-
OP - Laboratory	-	-	-	1.011	1.000	-	1.050	1.000	-
OP - Radiology	-	-	-	1.011	1.000	-	1.050	1.000	-
OP - Surgery	-	-	-	1.011	1.000	-	1.050	1.000	-
OP - Other	-	-	-	1.011	1.000	-	1.050	1.000	-
Subtotal - Outpatient	-	-	-			-			-
Prof - Evaluation & Management	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Maternity	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Surgery	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - DME/Supplies	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Lab	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Radiology	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Transportation	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Other	-	-	-	0.996	1.000	-	1.050	1.000	-
Subtotal - Professional	-	-	-			-			-
MH - Inpatient	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Outpatient	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Supported Housing	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - 23 Hour	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Intensive Outpatient	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Partial Hospitalization	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	-	-	-			-			-
Total			\$ 24.58			\$ 26.29			\$ 28.92
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 29.56			\$ 32.52

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Disabled - Age Under 21									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			403,357			391,366			382,867
Home Health Care	18,791	177.04	277.23	0.982	1.000	272.19	0.980	1.000	266.75
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	10	973.07	0.85	1.070	1.000	0.91	1.100	1.000	1.00
IP - Newborn	121	1,793.48	18.10	1.070	1.000	19.36	1.100	1.000	21.30
IP - Medical	431	1,216.33	43.70	1.070	1.000	46.74	1.100	1.000	51.41
IP - Surgery	170	2,409.13	34.14	1.070	1.000	36.51	1.100	1.000	40.16
IP - Other	188	970.58	15.21	1.070	1.000	16.27	1.100	1.000	17.90
Subtotal - Inpatient	921	7,362.59	111.99			119.79			131.77
OP - Emergency Room	728	215.35	13.06	1.011	1.000	13.20	1.050	1.000	13.86
OP - Laboratory	251	85.09	1.78	1.011	1.000	1.80	1.050	1.000	1.89
OP - Radiology	200	225.59	3.75	1.011	1.000	3.79	1.050	1.000	3.98
OP - Surgery	254	1,539.70	32.61	1.011	1.000	32.96	1.050	1.000	34.61
OP - Other	1,743	203.73	29.59	1.011	1.000	29.91	1.050	1.000	31.41
Subtotal - Outpatient	3,176	2,269.47	80.80			81.66			85.75
Prof - Evaluation & Management	6,456	77.59	41.74	0.996	1.000	41.59	1.050	1.000	43.67
Prof - Maternity	10	482.80	0.39	0.996	1.000	0.39	1.050	1.000	0.41
Prof - Surgery	603	181.27	9.12	0.996	1.000	9.09	1.050	1.000	9.54
Prof - DME/Supplies	3,856	203.02	65.23	0.996	1.000	64.99	1.050	1.000	68.24
Prof - Lab	2,627	11.63	2.55	0.996	1.000	2.54	1.050	1.000	2.67
Prof - Radiology	1,324	24.51	2.70	0.996	1.000	2.69	1.050	1.000	2.82
Prof - Transportation	1,466	96.23	11.76	0.996	1.000	11.72	1.050	1.000	12.31
Prof - Other	143,197	5.13	61.20	0.996	1.000	60.98	1.050	1.000	64.03
Subtotal - Professional	159,539	1,082.17	194.68			193.99			203.69
MH - Inpatient	0	1,138,321.08	37.88	1.052	1.000	39.85	1.061	1.000	42.27
MH - Outpatient	8,568	55.02	39.28	1.052	1.000	41.32	1.061	1.000	43.83
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	4,125	35.28	12.13	1.052	1.000	12.76	1.061	1.000	13.54
MH - Supported Housing	99	105.83	0.87	1.052	1.000	0.92	1.061	1.000	0.98
MH - 23 Hour	10	15.75	0.01	1.052	1.000	0.01	1.061	1.000	0.01
MH - Intensive Outpatient	46	103.28	0.40	1.052	1.000	0.42	1.061	1.000	0.45
MH - Partial Hospitalization	8	204.86	0.14	1.052	1.000	0.15	1.061	1.000	0.16
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	12,857	1,138,841.10	90.71			95.43			101.24
Total			\$ 755.41			\$ 763.06			\$ 789.20
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 858.10			\$ 887.50

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Disabled - Age Over 21									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			26,732			25,359			26,136
Home Health Care	818	160.34	10.93	0.982	1.000	10.73	0.980	1.000	10.52
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	4	781.48	0.29	1.070	1.000	0.31	1.100	1.000	0.34
IP - Newborn	3	1,165.11	0.27	1.070	1.000	0.29	1.100	1.000	0.32
IP - Medical	136	930.39	10.51	1.070	1.000	11.24	1.100	1.000	12.36
IP - Surgery	51	1,992.94	8.44	1.070	1.000	9.03	1.100	1.000	9.93
IP - Other	8	720.76	0.46	1.070	1.000	0.49	1.100	1.000	0.54
Subtotal - Inpatient	201	5,590.67	19.98			21.36			23.49
OP - Emergency Room	100	318.08	2.66	1.011	1.000	2.69	1.050	1.000	2.82
OP - Laboratory	22	26.07	0.05	1.011	1.000	0.05	1.050	1.000	0.05
OP - Radiology	15	182.67	0.22	1.011	1.000	0.22	1.050	1.000	0.23
OP - Surgery	15	815.92	0.99	1.011	1.000	1.00	1.050	1.000	1.05
OP - Other	36	386.16	1.16	1.011	1.000	1.17	1.050	1.000	1.23
Subtotal - Outpatient	188	1,728.89	5.09			5.13			5.38
Prof - Evaluation & Management	828	63.28	4.37	0.996	1.000	4.35	1.050	1.000	4.57
Prof - Maternity	2	451.40	0.09	0.996	1.000	0.09	1.050	1.000	0.09
Prof - Surgery	74	167.58	1.04	0.996	1.000	1.04	1.050	1.000	1.09
Prof - DME/Supplies	429	86.55	3.09	0.996	1.000	3.08	1.050	1.000	3.23
Prof - Lab	527	8.05	0.35	0.996	1.000	0.35	1.050	1.000	0.37
Prof - Radiology	222	32.80	0.61	0.996	1.000	0.61	1.050	1.000	0.64
Prof - Transportation	435	73.71	2.67	0.996	1.000	2.66	1.050	1.000	2.79
Prof - Other	29,399	1.96	4.79	0.996	1.000	4.77	1.050	1.000	5.01
Subtotal - Professional	31,917	885.33	17.01			16.95			17.79
MH - Inpatient	-	-	12.73	1.052	1.000	13.39	1.061	1.000	14.20
MH - Outpatient	2,465	29.65	6.09	1.052	1.000	6.41	1.061	1.000	6.80
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	1,831	21.29	3.25	1.052	1.000	3.42	1.061	1.000	3.63
MH - Supported Housing	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - 23 Hour	0	9.01	-	1.052	1.000	-	1.061	1.000	-
MH - Intensive Outpatient	5	99.00	0.04	1.052	1.000	0.04	1.061	1.000	0.04
MH - Partial Hospitalization	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	4,301	158.95	22.11			23.26			24.67
Total			\$ 75.12			\$ 77.43			\$ 81.85
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 87.07			\$ 92.04

SFY 2018 and 2019 TennCare Select Per Capita Cost Development
 Projected Cost Development

Duals/Waiver Duals - All Ages									
Service Category	April 2017 - March 2018			Data Adjustment Factors		SFY2018 Paid PMPM	Data Adjustment Factors		SFY2019 Paid PMPM
	Utilization Rates Per 1,000	Expenditure Per Unit	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjustment		Trend To SFY2019	Benefit Adjustment	
Member Months			33,225			31,458			32,416
Home Health Care	4,510	106.49	40.02	0.982	1.000	39.29	0.980	1.000	38.50
Hospice	-	-	-	0.982	1.000	-	0.980	1.000	-
IP - Maternity	0	1,702.10	0.05	1.070	1.000	0.05	1.100	1.000	0.06
IP - Newborn	2	819.20	0.17	1.070	1.000	0.18	1.100	1.000	0.20
IP - Medical	26	515.57	1.10	1.070	1.000	1.18	1.100	1.000	1.30
IP - Surgery	9	528.67	0.42	1.070	1.000	0.45	1.100	1.000	0.50
IP - Other	4	711.28	0.22	1.070	1.000	0.24	1.100	1.000	0.26
Subtotal - Inpatient	42	4,276.82	1.95			2.10			2.32
OP - Emergency Room	5	300.92	0.13	1.011	1.000	0.13	1.050	1.000	0.14
OP - Laboratory	1	197.63	0.02	1.011	1.000	0.02	1.050	1.000	0.02
OP - Radiology	1	474.47	0.04	1.011	1.000	0.04	1.050	1.000	0.04
OP - Surgery	2	670.33	0.13	1.011	1.000	0.13	1.050	1.000	0.14
OP - Other	9	1,069.86	0.78	1.011	1.000	0.79	1.050	1.000	0.83
Subtotal - Outpatient	19	2,713.21	1.11			1.11			1.17
Prof - Evaluation & Management	27	68.63	0.16	0.996	1.000	0.16	1.050	1.000	0.17
Prof - Maternity	-	-	-	0.996	1.000	-	1.050	1.000	-
Prof - Surgery	2	142.15	0.02	0.996	1.000	0.02	1.050	1.000	0.02
Prof - DME/Supplies	60	74.61	0.38	0.996	1.000	0.38	1.050	1.000	0.40
Prof - Lab	20	12.73	0.02	0.996	1.000	0.02	1.050	1.000	0.02
Prof - Radiology	7	17.14	0.01	0.996	1.000	0.01	1.050	1.000	0.01
Prof - Transportation	7	99.33	0.06	0.996	1.000	0.06	1.050	1.000	0.06
Prof - Other	24,442	0.99	2.02	0.996	1.000	2.01	1.050	1.000	2.11
Subtotal - Professional	24,566	415.57	2.67			2.66			2.79
MH - Inpatient	-	-	1.19	1.052	1.000	1.25	1.061	1.000	1.33
MH - Outpatient	952	42.85	3.40	1.052	1.000	3.58	1.061	1.000	3.80
MH - Case Rates	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Grants	-	-	-	1.000	1.000	-	1.000	1.000	-
MH - In-Home Services	1,011	19.70	1.66	1.052	1.000	1.75	1.061	1.000	1.86
MH - Supported Housing	177	107.79	1.59	1.052	1.000	1.67	1.061	1.000	1.77
MH - 23 Hour	-	-	-	1.052	1.000	-	1.061	1.000	-
MH - Intensive Outpatient	1	631.13	0.04	1.052	1.000	0.04	1.061	1.000	0.04
MH - Partial Hospitalization	0	200.00	0.01	1.052	1.000	0.01	1.061	1.000	0.01
MH - Transportation	-	-	-	1.052	1.000	-	1.061	1.000	-
Subtotal - Mental Health	2,142	1,001.46	7.89			8.30			8.81
Total			\$ 53.64			\$ 53.46			\$ 53.59
Admin %						5.4%			5.4%
Premium Tax						6.0%			6.0%
Total Premium Rate						\$ 60.12			\$ 60.26

TennCare

Exhibit 6c

SFY 2018 and 2019 TennCare Select Per Capita Cost Development

Medical Budget Amount

Service Category	April 2017 - March 2018		SFY2018		SFY2019	
	PMPM	Total	PMPM	Total	PMPM	Total
Member Months	814,400		821,768		828,844	
Home Health Care	\$ 141.58	\$ 115,305,833	\$ 135.82	\$ 111,608,477	\$ 129.49	\$ 107,326,866
IP - Maternity	\$ 1.19	\$ 967,207	\$ 1.28	\$ 1,048,484	\$ 1.42	\$ 1,178,144
IP - Newborn	\$ 14.48	\$ 11,789,295	\$ 13.75	\$ 11,300,286	\$ 15.09	\$ 12,510,864
IP - Medical	\$ 25.70	\$ 20,930,341	\$ 27.36	\$ 22,481,182	\$ 29.51	\$ 24,456,029
IP - Surgery	\$ 20.45	\$ 16,652,739	\$ 21.28	\$ 17,489,036	\$ 22.92	\$ 18,999,111
IP - Other	\$ 9.62	\$ 7,834,053	\$ 8.33	\$ 6,843,329	\$ 8.92	\$ 7,397,237
Subtotal - Inpatient	\$ 71.43	\$ 58,173,635	\$ 71.99	\$ 59,162,317	\$ 77.87	\$ 64,541,386
OP - Emergency Room	\$ 10.20	\$ 8,310,688	\$ 10.31	\$ 8,471,798	\$ 10.76	\$ 8,919,410
OP - Laboratory	\$ 0.98	\$ 801,850	\$ 0.96	\$ 786,637	\$ 0.98	\$ 813,706
OP - Radiology	\$ 2.24	\$ 1,822,195	\$ 2.15	\$ 1,770,431	\$ 2.22	\$ 1,839,052
OP - Surgery	\$ 18.92	\$ 15,405,653	\$ 18.51	\$ 15,214,239	\$ 19.05	\$ 15,786,057
OP - Other	\$ 16.50	\$ 13,433,535	\$ 15.72	\$ 12,921,129	\$ 16.12	\$ 13,359,355
Subtotal - Outpatient	\$ 48.84	\$ 39,773,921	\$ 47.66	\$ 39,164,233	\$ 49.13	\$ 40,717,580
Prof - Evaluation & Management	\$ 29.74	\$ 24,216,777	\$ 29.13	\$ 23,940,465	\$ 30.31	\$ 25,124,274
Prof - Maternity	\$ 0.55	\$ 449,924	\$ 0.56	\$ 456,266	\$ 0.59	\$ 490,590
Prof - Surgery	\$ 5.81	\$ 4,733,814	\$ 5.58	\$ 4,582,876	\$ 5.76	\$ 4,771,253
Prof - DME/Supplies	\$ 33.80	\$ 27,526,807	\$ 32.41	\$ 26,631,396	\$ 33.04	\$ 27,387,650
Prof - Lab	\$ 2.31	\$ 1,883,218	\$ 2.20	\$ 1,805,742	\$ 2.31	\$ 1,913,788
Prof - Radiology	\$ 1.99	\$ 1,619,926	\$ 2.00	\$ 1,642,254	\$ 2.08	\$ 1,725,400
Prof - Transportation	\$ 8.09	\$ 6,588,538	\$ 7.98	\$ 6,559,272	\$ 8.29	\$ 6,873,402
Prof - Other	\$ 37.61	\$ 30,630,269	\$ 36.11	\$ 29,674,863	\$ 37.25	\$ 30,876,339
Subtotal - Professional	\$ 119.90	\$ 97,649,273	\$ 115.96	\$ 95,293,134	\$ 119.64	\$ 99,162,696
MH - Inpatient	\$ 27.10	\$ 22,070,211	\$ 28.08	\$ 23,076,223	\$ 29.49	\$ 24,442,191
MH - Outpatient	\$ 37.30	\$ 30,379,505	\$ 34.19	\$ 28,092,834	\$ 36.17	\$ 29,982,998
MH - Case Rates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MH - Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MH - In-Home Services	\$ 8.34	\$ 6,790,722	\$ 10.50	\$ 8,632,044	\$ 11.12	\$ 9,214,576
MH - Supported Housing	\$ 0.41	\$ 335,891	\$ 0.53	\$ 431,441	\$ 0.55	\$ 452,940
MH - 23 Hour	\$ 0.02	\$ 15,046	\$ 0.01	\$ 8,655	\$ 0.01	\$ 8,734
MH - Intensive Outpatient	\$ 0.89	\$ 726,026	\$ 1.02	\$ 837,226	\$ 1.11	\$ 917,870
MH - Partial Hospitalization	\$ 0.10	\$ 80,543	\$ 0.10	\$ 85,688	\$ 0.11	\$ 90,625
MH - Transportation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Mental Health	\$ 74.16	\$ 60,397,944	\$ 74.43	\$ 61,164,112	\$ 78.56	\$ 65,109,934
Total	\$ 455.92	\$ 371,300,606	\$ 445.86	\$ 366,392,273	\$ 454.68	\$ 376,858,462
Admin	\$ 26.18	\$ 21,324,562	\$ 25.45	\$ 20,912,916	\$ 25.95	\$ 21,511,997
Premium Tax	\$ 30.77	\$ 25,061,181	\$ 30.08	\$ 24,721,608	\$ 30.68	\$ 25,427,902
Total Premium Rate	\$ 512.88	\$ 417,686,349	\$ 501.39	\$ 412,026,797	\$ 511.31	\$ 423,798,361

TennCare

Exhibit 6d

SFY 2018 and 2019 TennCare Select Per Capita Cost Development

Medical Cost Development by Service Category

Aid Category	Age Group	SFY 2018			SFY 2019		
		Member Months	PMPM	Total	Member Months	PMPM	Total
Medicaid (TANF & Related)							
	Age Under 1	7,821	\$ 992.15	\$ 7,759,939	8,336	\$ 1,066.58	\$ 8,891,476
	Age 1 - 13	170,477	\$ 167.23	\$ 28,508,856	177,767	\$ 175.60	\$ 31,215,812
	Age 14 - 20 Female	48,800	\$ 318.70	\$ 15,552,569	51,284	\$ 337.50	\$ 17,308,445
	Age 14 - 20 Male	69,341	\$ 217.50	\$ 15,081,648	71,624	\$ 231.11	\$ 16,552,999
	Age 21 - 44 Female	46,381	\$ 63.36	\$ 2,938,679	47,847	\$ 67.92	\$ 3,249,736
	Age 21 - 44 Male	22,457	\$ 53.62	\$ 1,204,142	22,303	\$ 58.04	\$ 1,294,474
	Age 45 - 64	8,252	\$ 127.12	\$ 1,048,965	8,189	\$ 137.94	\$ 1,129,659
	Age 65+	56	\$ 29.56	\$ 1,654	75	\$ 32.52	\$ 2,430
	All Ages	373,585	\$ 192.99	\$ 72,096,451	387,425	\$ 205.58	\$ 79,645,030
Disabled							
	Age Under 21	391,366	\$ 858.10	\$ 335,831,075	382,867	\$ 887.50	\$ 339,794,374
	Age Over 21	25,359	\$ 87.07	\$ 2,207,995	26,136	\$ 92.04	\$ 2,405,563
	All Ages	416,725	\$ 811.18	\$ 338,039,069	409,003	\$ 836.67	\$ 342,199,937
Duals/Waiver Duals							
	All Ages	31,458	\$ 60.12	\$ 1,891,276	32,416	\$ 60.26	\$ 1,953,394
All Groups	All Ages	821,768	\$ 501.39	\$ 412,026,797	828,844	\$ 511.31	\$ 423,798,361

TennCare**Exhibit 6e****SFY 2018 and 2019 TennCare Select Per Capita Cost Development****Trend Assumption**

Service Category	Annualized Trend: Period 1 to Period	Annualized Trend: Period 2 to FY18	Annualized Trend: FY18 to FY19
Home Health Care	-4.5%	-7.1%	-2.0%
Inpatient	17.0%	30.9%	10.0%
Outpatient	6.6%	4.3%	5.0%
Professional	3.9%	-1.5%	5.0%
Mental Health	23.0%	22.5%	6.1%

Period 2 Completion Factors

Service Category	Completion Factors	
	Period 1	Period 2
Home Health Care	1.0000	1.0013
Inpatient	1.0002	1.0269
Outpatient	0.9995	1.0174
Professional	1.0000	1.0044
Mental Health	0.9999	1.0117

SFY 2018 TennCare Select Per Capita Cost Development

Benefit Adjustment Factors

FY2018	Medicaid (TANF & Related)						Disabled	Duals/Waiver Duals
	Under Age 1	Age 1 - 13	Age 14 - 44 Female	Age 14 - 44 Male	Age 45 - 64	Age 65+	All Ages	All Ages
Home Health Care	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Hospice	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
IP - Maternity	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
IP - Newborn	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
IP - Medical	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
IP - Surgery	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
IP - Other	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
OP - Emergency Room	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
OP - Laboratory	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
OP - Radiology	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
OP - Surgery	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
OP - Other	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prof - Evaluation & Management	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prof - Maternity	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prof - Surgery	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prof - DME/Supplies	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prof - Lab	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prof - Radiology	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prof - Transportation	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prof - Other	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - Inpatient	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - Outpatient	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - Case Rates	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - Grants	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - In-Home Services	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - Supported Housing	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - 23 Hour	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - Intensive Outpatient	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - Partial Hospitalization	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - Transportation	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

SFY 2018 TennCare Select Per Capita Cost Development

Benefit Adjustment Factors

FY2019	Medicaid (TANF & Related)						Disabled	Duals/Waiver Duals
	Under Age 1	Age 1 - 13	Age 14 - 44 Female	Age 14 - 44 Male	Age 45 - 64	Age 65+	All Ages	All Ages
Home Health Care	1.003	1.003	1.003	1.000	1.000	0.982	1.000	1.000
Hospice	1.000	1.000	1.000	1.000	1.000	0.982	1.000	1.000
IP - Maternity	1.000	1.000	1.000	1.000	1.000	1.070	1.000	1.000
IP - Newborn	1.000	1.000	1.000	1.000	1.000	1.070	1.000	1.000
IP - Medical	1.000	1.000	1.000	1.000	1.000	1.070	1.000	1.000
IP - Surgery	1.000	1.000	1.000	1.000	1.000	1.070	1.000	1.000
IP - Other	1.000	1.000	1.000	1.000	1.000	1.070	1.000	1.000
OP - Emergency Room	1.000	1.000	1.000	1.000	1.000	1.011	1.000	1.000
OP - Laboratory	1.003	1.003	1.003	1.003	1.000	1.011	1.003	1.000
OP - Radiology	1.003	1.003	1.003	1.003	1.000	1.011	1.003	1.000
OP - Surgery	1.000	1.000	1.000	1.000	1.000	1.011	1.000	1.000
OP - Other	1.000	1.000	1.000	1.000	1.000	1.011	1.000	1.000
Prof - Evaluation & Management	1.000	1.000	1.000	1.000	1.000	0.996	1.000	1.000
Prof - Maternity	1.000	1.000	1.000	1.000	1.000	0.996	1.000	1.000
Prof - Surgery	1.000	1.000	1.000	1.000	1.000	0.996	1.000	1.000
Prof - DME/Supplies	0.941	0.979	0.769	0.957	1.000	0.996	0.957	1.000
Prof - Lab	1.003	1.003	1.003	1.003	1.000	0.996	1.003	1.000
Prof - Radiology	1.003	1.003	1.003	1.003	1.000	0.996	1.003	1.000
Prof - Transportation	1.003	1.003	1.003	1.003	1.000	0.996	1.003	1.000
Prof - Other	1.000	1.000	1.000	1.000	1.000	0.996	1.000	1.000
MH - Inpatient	1.000	1.000	1.000	1.000	1.000	1.052	1.000	1.000
MH - Outpatient	1.003	1.003	1.003	1.003	1.000	1.052	1.003	1.000
MH - Case Rates	1.000	1.000	1.000	1.000	1.000	1.052	1.000	1.000
MH - Grants	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
MH - In-Home Services	1.003	1.003	1.000	1.000	1.000	1.052	1.000	1.000
MH - Supported Housing	1.003	1.003	1.003	1.000	1.000	1.052	1.000	1.000
MH - 23 Hour	1.003	1.000	1.000	1.000	1.000	1.052	1.000	1.000
MH - Intensive Outpatient	1.003	1.003	1.003	1.003	1.000	1.052	1.003	1.000
MH - Partial Hospitalization	1.003	1.003	1.000	1.000	1.000	1.052	1.000	1.000
MH - Transportation	1.000	1.000	1.000	1.000	1.000	1.052	1.000	1.000

TennCare**Exhibit 6g****SFY 2018 and 2019 TennCare Select Per Capita Cost Development****Directed Payment Amounts for TCS**

Directed Payment	CY2018	CY2019	FY2018	FY2019
Hospital DP	\$31,826,815	\$ -	\$15,237,457	\$ 16,589,358
EMS DP	\$ 526,510	\$1,287,032	\$ 526,510	\$ 1,287,032
PCMH A&T Pmts	\$ 1,265,106	\$1,267,795	\$ 631,209	\$ 1,267,795
PCMH Outcome Pmts	\$ -	\$ -	\$ -	\$ -
MTM DP	\$ -	\$ 56,930	\$ -	\$ 56,930
Physician UPL DP	\$ -	\$2,377,175	\$ -	\$ 1,188,587

Total**\$33,618,431****\$4,988,932****\$16,395,176****\$ 20,389,702**

Note that all amounts shown have been grossed up for 5% premium tax

SFY2019 Pharmacy Per Capita Cost Development

All Regions - Base Period Experience

Total Prescription Drug Experience										
Combined MCO Physical Health & BHO Mental Health										
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
All Rate Cells	Member Months				18,405,613	Member Months				17,387,753
Brand	932,431,533	2,733,565	1,782	341.10	50.66	886,738,517	2,358,388	1,628	375.99	51.00
Generic	183,782,163	11,282,462	7,356	16.29	9.99	191,553,222	10,897,693	7,521	17.58	11.02
Non-Drug*	17,142,051	225,017	147	76.18	0.93	17,551,438	211,026	146	83.17	1.01
Grand Total	1,133,355,747	14,241,044	9,285	79.58	61.58	1,095,843,176	13,467,107	9,294	81.37	63.02

* Non-Drugs include medical supplies, bulk chemicals, etc

Medicaid (TANF & Related) and Uninsured										
Combined MCO Physical Health & BHO Mental Health										
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 1	Member Months				632,033	Member Months				627,661
Brand	6,619,986	59,860	1,137	110.59	10.47	5,731,159	49,644	949	115.45	9.13
Generic	2,918,440	179,811	3,414	16.23	4.62	3,254,350	178,780	3,418	18.20	5.18
Non-Drug*	35,796	732	14	48.90	0.06	33,658	635	12	53.00	0.05
Subtotal	9,574,222	240,403	4,564	39.83	15.15	9,019,167	229,059	4,379	39.37	14.37
Ages 1 - 13	Member Months				6,876,237	Member Months				6,591,468
Brand	149,429,849	843,555	1,472	177.14	21.73	137,145,382	689,151	1,255	199.01	20.81
Generic	44,011,552	1,983,715	3,462	22.19	6.40	47,072,618	1,950,601	3,551	24.13	7.14
Non-Drug*	1,791,291	22,593	39	79.29	0.26	1,818,191	20,360	37	89.30	0.28
Subtotal	195,232,692	2,849,863	4,973	68.51	28.39	186,036,192	2,660,112	4,843	69.94	28.22
Ages 14 - 20 : Female	Member Months				1,357,199	Member Months				1,261,884
Brand	37,119,854	161,353	1,427	230.05	27.35	36,671,829	139,631	1,328	262.63	29.06
Generic	13,335,411	756,068	6,685	17.64	9.83	13,518,842	695,066	6,610	19.45	10.71
Non-Drug*	879,966	9,735	86	90.39	0.65	935,757	9,541	91	98.08	0.74
Subtotal	51,335,231	927,156	8,198	55.37	37.82	51,126,428	844,238	8,028	60.56	40.52
Ages 14 - 20 : Male	Member Months				1,279,940	Member Months				1,171,537
Brand	39,550,342	119,359	1,119	331.36	30.90	37,847,378	104,715	1,073	361.43	32.31
Generic	8,103,763	389,192	3,649	20.82	6.33	8,262,552	360,641	3,694	22.91	7.05
Non-Drug*	703,988	7,530	71	93.49	0.55	750,016	7,346	75	102.10	0.64
Subtotal	48,358,094	516,081	4,838	93.70	37.78	46,859,946	472,702	4,842	99.13	40.00

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

All Regions - Base Period Experience

Medicaid (TANF & Related) and Uninsured Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
Ages 21 - 44 : Female					Member Months	3,188,306					Member Months	2,883,708
Brand	130,789,266	425,356	1,601	307.48	41.02	128,043,286	365,797	1,522	350.04	44.40		
Generic	37,026,107	2,768,340	10,419	13.37	11.61	36,465,955	2,515,946	10,470	14.49	12.65		
Non-Drug*	3,282,256	42,572	160	77.10	1.03	3,349,128	40,922	170	81.84	1.16		
Subtotal	171,097,630	3,236,268	12,181	52.87	53.66	167,858,369	2,922,665	12,162	57.43	58.21		
Ages 21 - 44 : Male					Member Months	797,632					Member Months	666,646
Brand	31,841,188	72,265	1,087	440.62	39.92	27,366,902	60,575	1,090	451.79	41.05		
Generic	5,280,365	454,215	6,833	11.63	6.62	5,359,631	404,324	7,278	13.26	8.04		
Non-Drug*	640,982	8,906	134	71.97	0.80	630,062	8,192	147	76.91	0.95		
Subtotal	37,762,535	535,386	8,055	70.53	47.34	33,356,595	473,091	8,516	70.51	50.04		
Ages 45 - 64					Member Months	592,281					Member Months	592,397
Brand	58,757,513	156,838	3,178	374.64	99.21	62,647,288	150,786	3,054	415.47	105.75		
Generic	10,555,299	964,338	19,538	10.95	17.82	12,612,693	1,005,683	20,372	12.54	21.29		
Non-Drug*	1,680,613	24,545	497	68.47	2.84	1,887,176	24,775	502	76.17	3.19		
Subtotal	70,993,425	1,145,721	23,213	61.96	119.86	77,147,158	1,181,244	23,928	65.31	130.23		
Age 65 & Over					Member Months	16,564					Member Months	18,426
Brand	813,239	3,870	2,804	210.14	49.10	918,790	3,838	2,499	239.39	49.86		
Generic	242,019	27,287	19,768	8.87	14.61	326,613	29,981	19,525	10.89	17.73		
Non-Drug*	38,391	603	437	63.67	2.32	43,390	544	354	79.76	2.35		
Subtotal	1,093,649	31,760	23,009	34.43	66.03	1,288,793	34,363	22,379	37.51	69.94		
Medicaid Total					Member Months	14,740,192					Member Months	13,813,728
Brand	454,921,238	1,842,456	1,500	246.91	30.86	436,372,015	1,564,137	1,359	278.99	31.59		
Generic	121,472,956	7,522,966	6,124	16.15	8.24	126,873,254	7,141,022	6,203	17.77	9.18		
Non-Drug*	9,053,284	117,216	95	77.24	0.61	9,447,379	112,315	98	84.12	0.68		
Total	585,447,478	9,482,638	7,720	61.74	39.72	572,692,647	8,817,474	7,660	64.95	41.46		

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

All Regions - Base Period Experience

Disabled										
Combined MCO Physical Health & BHO Mental Health										
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Ages Under 21	Member Months				472,259	Member Months				452,379
Brand	95,483,224	192,617	4,894	495.72	202.18	91,817,218	166,621	4,420	551.05	202.97
Generic	13,263,475	458,312	11,646	28.94	28.09	12,548,566	450,526	11,951	27.85	27.74
Non-Drug*	644,756	7,556	192	85.33	1.37	693,895	7,311	194	94.91	1.53
Subtotal	109,391,455	658,485	16,732	166.13	231.63	105,059,680	624,458	16,565	168.24	232.24
Ages Over 21	Member Months				1,391,268	Member Months				1,368,172
Brand	379,667,312	692,922	5,977	547.92	272.89	356,310,329	623,068	5,465	571.86	260.43
Generic	48,658,761	3,271,951	28,221	14.87	34.97	51,739,423	3,279,179	28,761	15.78	37.82
Non-Drug*	7,367,470	99,212	856	74.26	5.30	7,341,348	90,546	794	81.08	5.37
Subtotal	435,693,543	4,064,085	35,054	107.21	313.16	415,391,100	3,992,793	35,020	104.04	303.61
Disabled Total	Member Months				1,863,526	Member Months				1,820,551
Brand	475,150,537	885,539	5,702	536.57	254.97	448,127,547	789,689	5,205	567.47	246.15
Generic	61,922,235	3,730,263	24,021	16.60	33.23	64,287,990	3,729,705	24,584	17.24	35.31
Non-Drug*	8,012,226	106,768	688	75.04	4.30	8,035,243	97,857	645	82.11	4.41
Total	545,084,998	4,722,570	30,411	115.42	292.50	520,450,780	4,617,251	30,434	112.72	285.88

* Non-Drugs include medical supplies, bulk chemicals, etc

Duals and Waiver Duals										
Combined MCO Physical Health & BHO Mental Health										
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
All Ages	Member Months				1,801,895	Member Months				1,753,474
Brand	2,359,758	5,570	37	423.65	1.31	2,238,955	4,562	31	490.78	1.28
Generic	386,971	29,233	195	13.24	0.21	391,978	26,966	185	14.54	0.22
Non-Drug*	76,542	1,033	7	74.10	0.04	68,816	854	6	80.58	0.04
Total	2,823,271	35,836	239	78.78	1.57	2,699,750	32,382	222	83.37	1.54

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

East Region - Base Period Experience

Total Prescription Drug Experience												
Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
All Rate Cells					Member Months	6,452,448					Member Months	6,149,885
Brand	388,006,920	1,094,670	2,036	354.45	60.13	364,045,729	955,178	1,864	381.13	59.20		
Generic	72,781,162	4,428,798	8,236	16.43	11.28	76,545,169	4,341,292	8,471	17.63	12.45		
Non-Drug*	7,054,336	88,745	165	79.49	1.09	7,210,524	83,799	164	86.05	1.17		
Grand Total	467,842,418	5,612,213	10,437	83.36	72.51	447,801,422	5,380,269	10,498	83.23	72.81		

* Non-Drugs include medical supplies, bulk chemicals, etc

Medicaid (TANF & Related) and Uninsured												
Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
Age Under 1					Member Months	208,842					Member Months	208,011
Brand	2,551,396	21,943	1,261	116.27	12.22	2,391,105	18,925	1,092	126.35	11.50		
Generic	1,115,280	64,970	3,733	17.17	5.34	1,297,339	67,177	3,875	19.31	6.24		
Non-Drug*	6,333	149	9	42.50	0.03	8,270	160	9	51.69	0.04		
Subtotal	3,673,008	87,062	5,003	42.19	17.59	3,696,714	86,262	4,976	42.85	17.77		
Ages 1 - 13					Member Months	2,294,336					Member Months	2,214,751
Brand	63,783,958	333,063	1,742	191.51	27.80	58,661,745	277,418	1,503	211.46	26.49		
Generic	18,031,639	795,179	4,159	22.68	7.86	19,060,377	789,515	4,278	24.14	8.61		
Non-Drug*	627,279	7,337	38	85.50	0.27	650,017	7,043	38	92.29	0.29		
Subtotal	82,442,876	1,135,579	5,939	72.60	35.93	78,372,140	1,073,976	5,819	72.97	35.39		
Ages 14 - 20 : Female					Member Months	470,955					Member Months	445,887
Brand	16,375,291	70,620	1,799	231.88	34.77	16,974,974	61,895	1,666	274.25	38.07		
Generic	5,510,915	301,195	7,674	18.30	11.70	5,714,113	288,131	7,754	19.83	12.82		
Non-Drug*	411,616	4,236	108	97.17	0.87	429,773	4,177	112	102.89	0.96		
Subtotal	22,297,822	376,051	9,582	59.29	47.35	23,118,860	354,203	9,533	65.27	51.85		
Ages 14 - 20 : Male					Member Months	446,420					Member Months	415,425
Brand	15,993,733	50,794	1,365	314.87	35.83	14,378,592	44,342	1,281	324.27	34.61		
Generic	3,554,042	162,822	4,377	21.83	7.96	3,653,305	154,238	4,455	23.69	8.79		
Non-Drug*	313,616	3,383	91	92.70	0.70	334,591	3,353	97	99.79	0.81		
Subtotal	19,861,391	216,999	5,833	91.53	44.49	18,366,488	201,933	5,833	90.95	44.21		

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

East Region - Base Period Experience

Medicaid (TANF & Related) and Uninsured Combined MCO Physical Health & BHO Mental Health										
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Ages 21 - 44 : Female	Member Months 1,075,078					Member Months 984,013				
Brand	50,224,381	159,489	1,780	314.91	46.72	49,335,423	139,101	1,696	354.67	50.14
Generic	13,451,058	998,806	11,149	13.47	12.51	13,490,037	932,359	11,370	14.47	13.71
Non-Drug*	1,317,364	15,943	178	82.63	1.23	1,385,756	15,705	192	88.24	1.41
Subtotal	64,992,803	1,174,238	13,107	55.35	60.45	64,211,215	1,087,165	13,258	59.06	65.25
Ages 21 - 44 : Male	Member Months 313,451					Member Months 263,236				
Brand	15,446,152	30,288	1,160	509.98	49.28	12,350,462	25,383	1,157	486.56	46.92
Generic	2,193,051	192,262	7,360	11.41	7.00	2,280,260	172,340	7,856	13.23	8.66
Non-Drug*	259,194	3,592	138	72.16	0.83	257,846	3,254	148	79.24	0.98
Subtotal	17,898,396	226,142	8,658	79.15	57.10	14,888,567	200,977	9,162	74.08	56.56
Ages 45 - 64	Member Months 219,163					Member Months 221,907				
Brand	24,606,781	64,220	3,516	383.16	112.28	25,560,258	61,538	3,328	415.36	115.18
Generic	4,282,241	382,123	20,923	11.21	19.54	5,154,874	404,310	21,864	12.75	23.23
Non-Drug*	660,655	9,371	513	70.50	3.01	726,073	9,150	495	79.35	3.27
Subtotal	29,549,677	455,714	24,952	64.84	134.83	31,441,205	474,998	25,686	66.19	141.69
Age 65 & Over	Member Months 5,416					Member Months 6,020				
Brand	152,095	1,010	2,238	150.59	28.08	168,296	994	1,981	169.31	27.96
Generic	72,626	8,453	18,728	8.59	13.41	109,123	10,612	21,153	10.28	18.13
Non-Drug*	5,520	95	210	58.11	1.02	7,881	110	219	71.64	1.31
Subtotal	230,241	9,558	21,176	24.09	42.51	285,300	11,716	23,353	24.35	47.39
Medicaid Total	Member Months 5,033,661					Member Months 4,759,250				
Brand	189,133,787	731,427	1,744	258.58	37.57	179,820,856	629,596	1,587	285.61	37.78
Generic	48,210,852	2,905,810	6,927	16.59	9.58	50,759,428	2,818,682	7,107	18.01	10.67
Non-Drug*	3,601,576	44,106	105	81.66	0.72	3,800,205	42,952	108	88.48	0.80
Total	240,946,214	3,681,343	8,776	65.45	47.87	234,380,489	3,491,230	8,803	67.13	49.25

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
East Region - Base Period Experience

Disabled Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
Ages Under 21					Member Months	138,898					Member Months	133,500
Brand	35,078,184	69,646	6,017	503.66	252.55	34,538,427	60,472	5,436	571.15	258.72		
Generic	4,942,799	170,085	14,694	29.06	35.59	4,674,219	168,034	15,104	27.82	35.01		
Non-Drug*	270,597	2,985	258	90.65	1.95	289,743	2,929	263	98.92	2.17		
Subtotal	40,291,580	242,716	20,969	166.00	290.08	39,502,389	231,435	20,803	170.68	295.90		
Ages Over 21					Member Months	542,712					Member Months	537,423
Brand	162,934,204	291,491	6,445	558.97	300.22	148,727,500	263,263	5,878	564.94	276.74		
Generic	19,487,950	1,341,865	29,670	14.52	35.91	20,960,531	1,343,973	30,009	15.60	39.00		
Non-Drug*	3,150,674	41,258	912	76.37	5.81	3,093,734	37,592	839	82.30	5.76		
Subtotal	185,572,828	1,674,614	37,028	110.82	341.94	172,781,765	1,644,828	36,727	105.05	321.50		
Disabled Total					Member Months	681,610					Member Months	670,923
Brand	198,012,388	361,137	6,358	548.30	290.51	183,265,927	323,735	5,790	566.10	273.15		
Generic	24,430,749	1,511,950	26,618	16.16	35.84	25,634,750	1,512,007	27,043	16.95	38.21		
Non-Drug*	3,421,271	44,243	779	77.33	5.02	3,383,477	40,521	725	83.50	5.04		
Total	225,864,408	1,917,330	33,755	117.80	331.37	212,284,154	1,876,263	33,558	113.14	316.41		

* Non-Drugs include medical supplies, bulk chemicals, etc

Duals and Waiver Duals Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
All Ages					Member Months	737,177					Member Months	719,712
Brand	860,745	2,106	34	408.71	1.17	958,946	1,847	31	519.19	1.33		
Generic	139,561	11,038	180	12.64	0.19	150,992	10,603	177	14.24	0.21		
Non-Drug*	31,489	396	6	79.52	0.04	26,841	326	5	82.33	0.04		
Total	1,031,796	13,540	220	76.20	1.40	1,136,779	12,776	213	88.98	1.58		

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

Middle Region - Base Period Experience

Total Prescription Drug Experience										
Combined MCO Physical Health & BHO Mental Health										
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
All Rate Cells	Member Months 6,603,940					Member Months 6,297,585				
Brand	317,602,956	944,604	1,716	336.23	48.09	299,380,147	810,852	1,545	369.22	47.54
Generic	65,608,525	3,886,104	7,061	16.88	9.93	66,795,250	3,731,262	7,110	17.90	10.61
Non-Drug*	5,761,022	73,105	133	78.80	0.87	5,765,794	68,230	130	84.51	0.92
Grand Total	388,972,503	4,903,813	8,911	79.32	58.90	371,941,191	4,610,344	8,785	80.68	59.06

* Non-Drugs include medical supplies, bulk chemicals, etc

Medicaid (TANF & Related) and Uninsured										
Combined MCO Physical Health & BHO Mental Health										
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 1	Member Months 239,163					Member Months 238,339				
Brand	2,366,194	22,103	1,109	107.05	9.89	1,928,712	17,657	889	109.23	8.09
Generic	1,073,409	64,703	3,246	16.59	4.49	1,140,213	64,305	3,238	17.73	4.78
Non-Drug*	13,620	276	14	49.35	0.06	11,983	232	12	51.65	0.05
Subtotal	3,453,223	87,082	4,369	39.65	14.44	3,080,908	82,194	4,138	37.48	12.93
Ages 1 - 13	Member Months 2,573,747					Member Months 2,494,510				
Brand	51,595,773	298,461	1,392	172.87	20.05	48,333,812	242,462	1,166	199.35	19.38
Generic	15,983,283	701,947	3,273	22.77	6.21	17,229,626	691,350	3,326	24.92	6.91
Non-Drug*	702,365	8,494	40	82.69	0.27	731,752	7,690	37	95.16	0.29
Subtotal	68,281,422	1,008,902	4,704	67.68	26.53	66,295,190	941,502	4,529	70.41	26.58
Ages 14 - 20 : Female	Member Months 482,329					Member Months 454,540				
Brand	12,237,022	53,350	1,327	229.37	25.37	12,364,287	46,282	1,222	267.15	27.20
Generic	4,632,543	262,770	6,538	17.63	9.60	4,606,905	238,375	6,293	19.33	10.14
Non-Drug*	275,219	2,858	71	96.30	0.57	301,449	2,917	77	103.34	0.66
Subtotal	17,144,784	318,978	7,936	53.75	35.55	17,272,640	287,574	7,592	60.06	38.00
Ages 14 - 20 : Male	Member Months 458,750					Member Months 425,555				
Brand	13,185,199	41,589	1,088	317.04	28.74	12,837,447	36,327	1,024	353.39	30.17
Generic	2,804,310	134,924	3,529	20.78	6.11	2,920,208	126,007	3,553	23.17	6.86
Non-Drug*	249,046	2,343	61	106.29	0.54	256,404	2,213	62	115.86	0.60
Subtotal	16,238,555	178,856	4,679	90.79	35.40	16,014,059	164,547	4,640	97.32	37.63

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

Middle Region - Base Period Experience

Medicaid (TANF & Related) and Uninsured Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
Ages 21 - 44 : Female					Member Months	1,157,090					Member Months	1,067,193
Brand	48,137,155	156,757	1,626	307.08	41.60	47,044,419	133,460	1,501	352.50	44.08		
Generic	13,844,564	1,009,936	10,474	13.71	11.96	13,317,843	911,552	10,250	14.61	12.48		
Non-Drug*	1,168,078	14,864	154	78.58	1.01	1,088,658	13,812	155	78.82	1.02		
Subtotal	63,149,796	1,181,557	12,254	53.45	54.58	61,450,919	1,058,824	11,906	58.04	57.58		
Ages 21 - 44 : Male					Member Months	309,109					Member Months	263,358
Brand	11,106,331	27,868	1,082	398.53	35.93	9,912,402	23,388	1,066	423.82	37.64		
Generic	2,116,669	175,836	6,826	12.04	6.85	2,097,683	154,751	7,051	13.56	7.97		
Non-Drug*	248,917	3,460	134	71.94	0.81	261,273	3,470	158	75.29	0.99		
Subtotal	13,471,917	207,164	8,042	65.03	43.58	12,271,358	181,609	8,275	67.57	46.60		
Ages 45 - 64					Member Months	220,646					Member Months	223,881
Brand	21,803,956	57,649	3,135	378.22	98.82	23,942,921	55,714	2,986	429.75	106.94		
Generic	4,005,910	343,713	18,693	11.65	18.16	4,556,974	356,743	19,121	12.77	20.35		
Non-Drug*	604,847	8,667	471	69.79	2.74	656,133	8,695	466	75.46	2.93		
Subtotal	26,414,713	410,029	22,300	64.42	119.72	29,156,028	421,152	22,574	69.23	130.23		
Age 65 & Over					Member Months	7,774					Member Months	8,308
Brand	548,644	2,107	3,252	260.39	70.57	559,233	1,957	2,827	285.76	67.31		
Generic	119,154	13,159	20,312	9.05	15.33	144,808	13,356	19,292	10.84	17.43		
Non-Drug*	23,840	366	565	65.14	3.07	26,105	325	469	80.32	3.14		
Subtotal	691,638	15,632	24,129	44.25	88.97	730,145	15,638	22,588	46.69	87.89		
Medicaid Total					Member Months	5,448,608					Member Months	5,175,685
Brand	160,980,274	659,884	1,453	243.95	29.55	156,923,232	557,247	1,292	281.60	30.32		
Generic	44,579,843	2,706,988	5,962	16.47	8.18	46,014,259	2,556,439	5,927	18.00	8.89		
Non-Drug*	3,285,931	41,328	91	79.51	0.60	3,333,756	39,354	91	84.71	0.64		
Total	208,846,048	3,408,200	7,506	61.28	38.33	206,271,248	3,153,040	7,310	65.42	39.85		

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
Middle Region - Base Period Experience

Disabled Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
Ages Under 21					Member Months	157,776					Member Months	150,039
Brand	34,537,155	66,240	5,038	521.39	218.90	31,838,231	57,040	4,562	558.17	212.20		
Generic	4,720,465	158,233	12,035	29.83	29.92	4,381,214	154,809	12,382	28.30	29.20		
Non-Drug*	217,222	2,386	181	91.04	1.38	230,908	2,228	178	103.64	1.54		
Subtotal	39,474,843	226,859	17,254	174.01	250.20	36,450,353	214,077	17,122	170.27	242.94		
Ages Over 21					Member Months	428,428					Member Months	419,455
Brand	121,163,218	216,630	6,068	559.31	282.81	109,928,580	195,055	5,580	563.58	262.07		
Generic	16,173,468	1,011,365	28,328	15.99	37.75	16,269,926	1,011,164	28,928	16.09	38.79		
Non-Drug*	2,237,146	29,113	815	76.84	5.22	2,179,820	26,387	755	82.61	5.20		
Subtotal	139,573,832	1,257,108	35,211	111.03	325.78	128,378,326	1,232,606	35,263	104.15	306.06		
Disabled Total					Member Months	586,204					Member Months	569,494
Brand	155,700,373	282,870	5,791	550.43	265.61	141,766,811	252,095	5,312	562.35	248.93		
Generic	20,893,934	1,169,598	23,942	17.86	35.64	20,651,140	1,165,973	24,569	17.71	36.26		
Non-Drug*	2,454,368	31,499	645	77.92	4.19	2,410,728	28,615	603	84.25	4.23		
Total	179,048,675	1,483,967	30,378	120.66	305.44	164,828,679	1,446,683	30,484	113.94	289.43		

* Non-Drugs include medical supplies, bulk chemicals, etc

Duals and Waiver Duals Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	-					-						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
All Ages					Member Months	569,128					Member Months	552,406
Brand	922,309	1,850	39	498.55	1.62	690,104	1,510	33	457.02	1.25		
Generic	134,748	9,518	201	14.16	0.24	129,850	8,850	192	14.67	0.24		
Non-Drug*	20,722	278	6	74.54	0.04	21,310	261	6	81.65	0.04		
Total	1,077,780	11,646	246	92.55	1.89	841,265	10,621	231	79.21	1.52		

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

West Region - Base Period Experience

Total Prescription Drug Experience												
Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
All Rate Cells					Member Months	5,349,225					Member Months	4,940,283
Brand	226,821,656	694,291	1,558	326.70	42.40	223,312,641	592,358	1,439	376.99	45.20		
Generic	45,392,477	2,967,560	6,657	15.30	8.49	48,212,803	2,825,139	6,862	17.07	9.76		
Non-Drug*	4,326,693	63,167	142	68.50	0.81	4,575,120	58,997	143	77.55	0.93		
Grand Total	276,540,826	3,725,018	8,356	74.24	51.70	276,100,564	3,476,494	8,444	79.42	55.89		

* Non-Drugs include medical supplies, bulk chemicals, etc

Medicaid (TANF & Related) and Uninsured												
Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
Age Under 1					Member Months	184,027					Member Months	181,310
Brand	1,702,396	15,814	1,031	107.65	9.25	1,411,342	13,062	865	108.05	7.78		
Generic	729,751	50,138	3,269	14.55	3.97	816,798	47,298	3,130	17.27	4.50		
Non-Drug*	15,843	307	20	51.61	0.09	13,405	243	16	55.17	0.07		
Subtotal	2,447,991	66,259	4,321	36.95	13.30	2,241,545	60,603	4,011	36.99	12.36		
Ages 1 - 13					Member Months	2,008,155					Member Months	1,882,207
Brand	34,050,118	212,031	1,267	160.59	16.96	30,149,825	169,271	1,079	178.12	16.02		
Generic	9,996,630	486,589	2,908	20.54	4.98	10,782,615	469,736	2,995	22.95	5.73		
Non-Drug*	461,647	6,762	40	68.27	0.23	436,422	5,627	36	77.56	0.23		
Subtotal	44,508,394	705,382	4,215	63.10	22.16	41,368,862	644,634	4,110	64.17	21.98		
Ages 14 - 20 : Female					Member Months	403,915					Member Months	361,458
Brand	8,507,541	37,383	1,111	227.58	21.06	7,332,568	31,454	1,044	233.12	20.29		
Generic	3,191,953	192,103	5,707	16.62	7.90	3,197,824	168,560	5,596	18.97	8.85		
Non-Drug*	193,131	2,641	78	73.13	0.48	204,535	2,447	81	83.59	0.57		
Subtotal	11,892,626	232,127	6,896	51.23	29.44	10,734,928	202,461	6,721	53.02	29.70		
Ages 14 - 20 : Male					Member Months	374,770					Member Months	330,556
Brand	10,371,410	26,976	864	384.47	27.67	10,631,339	24,046	873	442.13	32.16		
Generic	1,745,411	91,446	2,928	19.09	4.66	1,689,038	80,396	2,919	21.01	5.11		
Non-Drug*	141,326	1,804	58	78.34	0.38	159,022	1,780	65	89.34	0.48		
Subtotal	12,258,148	120,226	3,850	101.96	32.71	12,479,399	106,222	3,856	117.48	37.75		

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

West Region - Base Period Experience

Medicaid (TANF & Related) and Uninsured Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
Ages 21 - 44 : Female					Member Months	956,139					Member Months	832,503
Brand	32,427,730	109,110	1,369	297.20	33.92	31,663,444	93,236	1,344	339.61	38.03		
Generic	9,730,485	759,598	9,533	12.81	10.18	9,658,076	672,035	9,687	14.37	11.60		
Non-Drug*	796,815	11,765	148	67.73	0.83	874,715	11,405	164	76.70	1.05		
Subtotal	42,955,030	880,473	11,050	48.79	44.93	42,196,235	776,676	11,195	54.33	50.69		
Ages 21 - 44 : Male					Member Months	175,073					Member Months	140,052
Brand	5,288,706	14,109	967	374.85	30.21	5,104,038	11,804	1,011	432.40	36.44		
Generic	970,645	86,117	5,903	11.27	5.54	981,689	77,233	6,617	12.71	7.01		
Non-Drug*	132,871	1,854	127	71.67	0.76	110,943	1,468	126	75.57	0.79		
Subtotal	6,392,222	102,080	6,997	62.62	36.51	6,196,669	90,505	7,755	68.47	44.25		
Ages 45 - 64					Member Months	152,471					Member Months	146,609
Brand	12,346,776	34,969	2,752	353.08	80.98	13,144,109	33,534	2,745	391.96	89.65		
Generic	2,267,148	238,502	18,771	9.51	14.87	2,900,845	244,630	20,023	11.86	19.79		
Non-Drug*	415,112	6,507	512	63.79	2.72	504,970	6,930	567	72.87	3.44		
Subtotal	15,029,035	279,978	22,035	53.68	98.57	16,549,924	285,094	23,335	58.05	112.88		
Age 65 & Over					Member Months	3,374					Member Months	4,098
Brand	112,500	753	2,678	149.40	33.35	191,261	887	2,597	215.63	46.67		
Generic	50,239	5,675	20,187	8.85	14.89	72,682	6,013	17,606	12.09	17.73		
Non-Drug*	9,031	142	505	63.60	2.68	9,405	109	319	86.28	2.29		
Subtotal	171,770	6,570	23,370	26.14	50.92	273,348	7,009	20,523	39.00	66.70		
Medicaid Total					Member Months	4,257,923					Member Months	3,878,793
Brand	104,807,177	451,145	1,271	232.31	24.61	99,627,927	377,294	1,167	264.06	25.69		
Generic	28,682,262	1,910,168	5,383	15.02	6.74	30,099,567	1,765,901	5,463	17.04	7.76		
Non-Drug*	2,165,777	31,782	90	68.14	0.51	2,313,417	30,009	93	77.09	0.60		
Total	135,655,216	2,393,095	6,744	56.69	31.86	132,040,911	2,173,204	6,723	60.76	34.04		

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

West Region - Base Period Experience

Disabled												
Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
Ages Under 21					Member Months	175,584					Member Months	168,841
Brand	25,867,885	56,731	3,877	455.97	147.32	25,440,560	49,109	3,490	518.04	150.68		
Generic	3,600,211	129,994	8,884	27.70	20.50	3,493,134	127,683	9,075	27.36	20.69		
Non-Drug*	156,936	2,185	149	71.82	0.89	173,244	2,154	153	80.43	1.03		
Subtotal	29,625,032	188,910	12,911	156.82	168.72	29,106,938	178,946	12,718	162.66	172.39		
Ages Over 21					Member Months	420,128					Member Months	411,293
Brand	95,569,891	184,801	5,278	517.15	227.48	97,654,249	164,750	4,807	592.74	237.43		
Generic	12,997,342	918,721	26,241	14.15	30.94	14,508,966	924,042	26,960	15.70	35.28		
Non-Drug*	1,979,650	28,841	824	68.64	4.71	2,067,794	26,567	775	77.83	5.03		
Subtotal	110,546,883	1,132,363	32,343	97.62	263.13	114,231,009	1,115,359	32,542	102.42	277.74		
Disabled Total					Member Months	595,712					Member Months	580,134
Brand	121,437,775	241,532	4,865	502.78	203.85	123,094,809	213,859	4,424	575.59	212.18		
Generic	16,597,553	1,048,715	21,125	15.83	27.86	18,002,100	1,051,725	21,755	17.12	31.03		
Non-Drug*	2,136,586	31,026	625	68.86	3.59	2,241,038	28,721	594	78.03	3.86		
Total	140,171,915	1,321,273	26,616	106.09	235.30	143,337,947	1,294,305	26,773	110.75	247.08		

* Non-Drugs include medical supplies, bulk chemicals, etc

Duals and Waiver Duals												
Combined MCO Physical Health & BHO Mental Health												
Rate Cell and Drug Type	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred						
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM		
All Ages					Member Months	495,590					Member Months	481,356
Brand	576,704	1,614	39	357.31	1.16	589,905	1,205	30	489.55	1.23		
Generic	112,661	8,677	210	12.98	0.23	111,136	7,513	187	14.79	0.23		
Non-Drug*	24,330	359	9	67.77	0.05	20,665	267	7	77.40	0.04		
Total	713,695	10,650	258	67.01	1.44	721,706	8,985	224	80.32	1.50		

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
All Regions - Development of SFY2018 and SFY2019 Rates

Total Prescription Drug Experience												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
All Ages	Member Months			17,387,753				17,322,495				16,303,887
Brand	1,628	375.99	1.000	50.99	0.999	1.000	1.000	50.94	1.023	1.000	1.020	53.12
Generic	7,521	17.58	1.000	11.02	0.999	1.000	1.001	11.01	1.023	1.000	1.009	11.36
Non-Drug*	146	83.17	1.000	1.01	0.999	1.000	1.000	1.01	1.023	1.000	1.017	1.05
Grand Total	9,294	81.37		\$ 63.02				\$ 62.95				\$ 65.53
Admin				\$ 0.69				\$ 0.69				\$ 0.72
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 63.71				\$ 63.64				\$ 66.25

* Non-Drugs include medical supplies, bulk chemicals, etc

Medicaid (TANF & Related) and Uninsured												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Age Under 1	Member Months			627,661				626,746				608,527
Brand	949	115.45	1.000	9.13	0.999	1.000	1.000	9.12	1.023	1.000	1.000	9.32
Generic	3,418	18.20	1.000	5.18	0.999	1.000	1.000	5.18	1.023	1.000	1.000	5.30
Non-Drug*	12	53.00	1.000	0.05	0.999	1.000	1.000	0.05	1.023	1.000	1.000	0.05
Subtotal	4,379	39.37		\$ 14.37				\$ 14.35				\$ 14.67
Admin				\$ 0.16				\$ 0.16				\$ 0.16
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 14.53				\$ 14.51				\$ 14.83
Ages 1 - 13	Member Months			6,591,468				6,577,398				6,037,967
Brand	1,255	199.01	1.000	20.80	0.999	1.000	1.001	20.79	1.023	1.000	1.001	21.28
Generic	3,551	24.13	1.000	7.14	0.999	1.000	1.000	7.13	1.023	1.000	1.001	7.30
Non-Drug*	37	89.30	1.000	0.28	0.999	1.000	1.000	0.28	1.023	1.000	1.001	0.28
Subtotal	4,843	69.94		\$ 28.22				\$ 28.20				\$ 28.86
Admin				\$ 0.31				\$ 0.31				\$ 0.32
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 28.53				\$ 28.51				\$ 29.18
Ages 14 - 20 : Female	Member Months			1,261,884				1,252,266				1,202,406
Brand	1,328	262.63	1.000	29.06	0.999	1.000	1.002	29.07	1.023	1.000	1.002	29.78
Generic	6,610	19.45	1.000	10.71	0.999	1.000	1.001	10.71	1.023	1.000	1.001	10.96
Non-Drug*	91	98.08	1.000	0.74	0.999	1.000	1.001	0.74	1.023	1.000	1.001	0.76
Subtotal	8,028	60.56		\$ 40.51				\$ 40.52				\$ 41.50
Admin				\$ 0.44				\$ 0.44				\$ 0.46
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 40.95				\$ 40.96				\$ 41.96
Ages 14 - 20 : Male	Member Months			1,171,537				1,154,775				1,094,042
Brand	1,073	361.43	1.000	32.30	0.999	1.000	1.000	32.26	1.023	1.000	1.000	32.99
Generic	3,694	22.91	1.000	7.05	0.999	1.000	1.001	7.05	1.023	1.000	1.001	7.22
Non-Drug*	75	102.10	1.000	0.64	0.999	1.000	1.001	0.64	1.023	1.000	1.001	0.66
Subtotal	4,842	99.13		\$ 39.99				\$ 39.95				\$ 40.87
Admin				\$ 0.44				\$ 0.44				\$ 0.44
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 40.43				\$ 40.39				\$ 41.31

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
All Regions - Development of SFY2018 and SFY2019 Rates

Medicaid (TANF & Related) and Uninsured												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages 21 - 44 : Female	Member Months			2,883,708				2,884,737				2,706,984
Brand	1,522	350.04	1.000	44.40	0.999	1.000	1.000	44.35	1.023	1.000	1.000	45.37
Generic	10,470	14.49	1.000	12.64	0.999	1.000	1.000	12.63	1.023	1.000	1.000	12.92
Non-Drug*	170	81.84	1.000	1.16	0.999	1.000	1.000	1.16	1.023	1.000	1.000	1.19
Subtotal	12,162	57.43		\$ 58.20				\$ 58.14				\$ 59.47
Admin				\$ 0.64				\$ 0.64				\$ 0.65
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 58.84				\$ 58.78				\$ 60.12
Ages 21 - 44 : Male	Member Months			666,646				652,755				542,316
Brand	1,090	451.79	1.000	41.05	0.999	1.000	1.000	40.99	1.023	1.000	1.000	41.92
Generic	7,278	13.26	1.000	8.04	0.999	1.000	1.000	8.03	1.023	1.000	1.000	8.21
Non-Drug*	147	76.91	1.000	0.95	0.999	1.000	1.000	0.94	1.023	1.000	1.001	0.97
Subtotal	8,516	70.51		\$ 50.03				\$ 49.97				\$ 51.10
Admin				\$ 0.55				\$ 0.54				\$ 0.56
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 50.58				\$ 50.51				\$ 51.66
Ages 45 - 64	Member Months			592,397				591,516				534,978
Brand	3,054	415.47	1.000	105.74	0.999	1.000	1.000	105.64	1.023	1.000	1.000	108.07
Generic	20,372	12.54	1.000	21.29	0.999	1.000	1.000	21.26	1.023	1.000	1.000	21.75
Non-Drug*	502	76.17	1.000	3.19	0.999	1.000	1.000	3.18	1.023	1.000	1.000	3.25
Subtotal	23,928	65.31		\$ 130.22				\$ 130.09				\$ 133.07
Admin				\$ 1.42				\$ 1.42				\$ 1.45
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 131.64				\$ 131.51				\$ 134.52
Age 65 & Over	Member Months			18,426				19,170				19,960
Brand	2,499	239.39	1.000	49.86	0.999	1.000	1.003	49.96	1.023	1.000	1.004	51.29
Generic	19,525	10.89	1.000	17.72	0.999	1.000	1.000	17.70	1.023	1.000	1.000	18.10
Non-Drug*	354	79.76	1.000	2.35	0.999	1.000	1.004	2.36	1.023	1.000	1.004	2.42
Subtotal	22,379	37.51		\$ 69.94				\$ 70.02				\$ 71.81
Admin				\$ 0.76				\$ 0.76				\$ 0.78
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 70.70				\$ 70.78				\$ 72.59
Total Medicaid	Member Months			13,813,728				13,759,363				12,747,180
Brand	1,359	278.99	1.000	31.59	0.999	1.000	1.000	31.56	1.023	1.000	0.997	32.20
Generic	6,203	17.77	1.000	9.18	0.999	1.000	1.001	9.18	1.023	1.000	1.001	9.40
Non-Drug*	98	84.12	1.000	0.68	0.999	1.000	1.001	0.68	1.023	1.000	0.998	0.70
Total	7,660	64.95		\$ 41.45				\$ 41.43				\$ 42.30
Admin				\$ 0.46				\$ 0.45				\$ 0.46
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 41.91				\$ 41.88				\$ 42.76

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
All Regions - Development of SFY2018 and SFY2019 Rates

Disabled												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages Under 21	Member Months			452,379				450,612				443,705
Brand	4,420	551.05	1.000	202.94	0.999	1.000	1.000	202.67	1.023	1.000	1.000	207.29
Generic	11,951	27.85	1.000	27.74	0.999	1.000	1.000	27.70	1.023	1.000	1.000	28.33
Non-Drug*	194	94.91	1.000	1.53	0.999	1.000	1.000	1.53	1.023	1.000	1.000	1.57
Subtotal	16,565	168.24		\$ 232.21				\$ 231.90				\$ 237.18
Admin				\$ 2.54				\$ 2.53				\$ 2.60
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 234.75				\$ 234.43				\$ 239.78
Ages Over 21	Member Months			1,368,172				1,363,415				1,358,953
Brand	5,465	571.86	1.000	260.40	0.999	1.000	1.000	260.02	1.023	1.000	1.000	265.92
Generic	28,761	15.78	1.000	37.81	0.999	1.000	1.000	37.76	1.023	1.000	1.000	38.62
Non-Drug*	794	81.08	1.000	5.37	0.999	1.000	1.000	5.36	1.023	1.000	1.000	5.48
Subtotal	35,020	104.04		\$ 303.58				\$ 303.14				\$ 310.02
Admin				\$ 3.32				\$ 3.31				\$ 3.38
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 306.90				\$ 306.45				\$ 313.40
Total Disabled	Member Months			1,820,551				1,814,027				1,802,658
Brand	5,205	567.47	1.000	246.12	0.999	1.000	1.000	245.78	1.023	1.000	1.000	251.49
Generic	24,584	17.24	1.000	35.31	0.999	1.000	1.000	35.26	1.023	1.000	1.001	36.08
Non-Drug*	645	82.11	1.000	4.41	0.999	1.000	1.000	4.41	1.023	1.000	1.002	4.52
Subtotal	30,434	112.72		\$ 285.85				\$ 285.44				\$ 292.09
Admin				\$ 3.12				\$ 3.12				\$ 3.19
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 288.97				\$ 288.56				\$ 295.28

* Non-Drugs include medical supplies, bulk chemicals, etc

TennCare

Exhibit 7b

SFY2019 Pharmacy Per Capita Cost Development
 All Regions - Development of SFY2018 and SFY2019 Rates

Duals and Waiver Duals												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages Under 21	Member Months			1,753,474				1,749,105				1,754,049
Brand	31	490.78	1.000	1.28	0.999	1.000	1.000	1.28	1.023	1.000	1.000	1.30
Generic	185	14.54	1.000	0.22	0.999	1.000	1.000	0.22	1.023	1.000	1.000	0.23
Non-Drug*	6	80.58	1.000	0.04	0.999	1.000	1.000	0.04	1.023	1.000	1.000	0.04
Subtotal	222	83.37		\$ 1.54				\$ 1.54				\$ 1.57
Admin				\$ 0.02				\$ 0.01				\$ 0.02
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 1.56				\$ 1.55				\$ 1.59

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
 East Region - Development of SFY2018 and SFY2019 Rates

Total Prescription Drug Experience												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
All Ages	Member Months			6,149,885				6,133,933				5,785,545
Brand	1,864	381.13	1.000	59.19	0.999	1.000	0.999	59.06	1.023	1.000	1.017	61.46
Generic	8,471	17.63	1.000	12.45	0.999	1.000	1.000	12.43	1.023	1.000	1.008	12.81
Non-Drug*	164	86.05	1.000	1.17	0.999	1.000	0.999	1.17	1.023	1.000	1.016	1.22
Grand Total	10,498	83.23		\$ 72.81				\$ 72.66				\$ 75.48
Admin				\$ 0.79				\$ 0.79				\$ 0.83
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 73.60				\$ 73.45				\$ 76.31

* Non-Drugs include medical supplies, bulk chemicals, etc

Medicaid (TANF & Related) and Uninsured												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Age Under 1	Member Months			208,011				207,614				201,316
Brand	1,092	126.35	1.000	11.49	0.999	1.000	1.000	11.48	1.023	1.000	1.000	11.74
Generic	3,875	19.31	1.000	6.24	0.999	1.000	1.000	6.23	1.023	1.000	1.000	6.37
Non-Drug*	9	51.69	1.000	0.04	0.999	1.000	1.000	0.04	1.023	1.000	1.000	0.04
Subtotal	4,976	42.85		\$ 17.77				\$ 17.75				\$ 18.15
Admin				\$ 0.19				\$ 0.19				\$ 0.20
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 17.96				\$ 17.94				\$ 18.35
Ages 1 - 13	Member Months			2,214,751				2,213,663				2,037,383
Brand	1,503	211.46	1.000	26.48	0.999	1.000	1.000	26.45	1.023	1.000	1.000	27.05
Generic	4,278	24.14	1.000	8.61	0.999	1.000	1.000	8.59	1.023	1.000	1.000	8.79
Non-Drug*	38	92.29	1.000	0.29	0.999	1.000	1.000	0.29	1.023	1.000	1.000	0.30
Subtotal	5,819	72.97		\$ 35.38				\$ 35.34				\$ 36.14
Admin				\$ 0.39				\$ 0.38				\$ 0.40
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 35.77				\$ 35.72				\$ 36.54
Ages 14 - 20 : Female	Member Months			445,887				445,207				430,067
Brand	1,666	274.25	1.000	38.07	0.999	1.000	1.000	38.02	1.023	1.000	1.000	38.88
Generic	7,754	19.83	1.000	12.81	0.999	1.000	1.000	12.80	1.023	1.000	1.000	13.09
Non-Drug*	112	102.89	1.000	0.96	0.999	1.000	1.000	0.96	1.023	1.000	1.000	0.98
Subtotal	9,533	65.27		\$ 51.84				\$ 51.78				\$ 52.96
Admin				\$ 0.57				\$ 0.56				\$ 0.57
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 52.41				\$ 52.34				\$ 53.53
Ages 14 - 20 : Male	Member Months			415,425				411,126				390,768
Brand	1,281	324.27	1.000	34.61	0.999	1.000	1.000	34.56	1.023	1.000	1.000	35.35
Generic	4,455	23.69	1.000	8.79	0.999	1.000	1.000	8.78	1.023	1.000	1.000	8.98
Non-Drug*	97	99.79	1.000	0.81	0.999	1.000	1.000	0.80	1.023	1.000	1.000	0.82
Subtotal	5,833	90.95		\$ 44.21				\$ 44.15				\$ 45.16
Admin				\$ 0.48				\$ 0.48				\$ 0.49
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 44.69				\$ 44.63				\$ 45.65

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
 East Region - Development of SFY2018 and SFY2019 Rates

Medicaid (TANF & Related) and Uninsured												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages 21 - 44 : Female	Member Months			984,013				985,696				923,531
Brand	1,696	354.67	1.000	50.13	0.999	1.000	1.000	50.07	1.023	1.000	1.000	51.21
Generic	11,370	14.47	1.000	13.71	0.999	1.000	1.000	13.69	1.023	1.000	1.000	14.00
Non-Drug*	192	88.24	1.000	1.41	0.999	1.000	1.000	1.41	1.023	1.000	1.000	1.44
Subtotal	13,258	59.06		\$ 65.25				\$ 65.16				\$ 66.65
Admin				\$ 0.71				\$ 0.71				\$ 0.73
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 65.96				\$ 65.87				\$ 67.38
Ages 21 - 44 : Male	Member Months			263,236				257,460				213,207
Brand	1,157	486.56	1.000	46.91	0.999	1.000	1.000	46.85	1.023	1.000	1.000	47.92
Generic	7,856	13.23	1.000	8.66	0.999	1.000	1.000	8.65	1.023	1.000	1.000	8.85
Non-Drug*	148	79.24	1.000	0.98	0.999	1.000	1.000	0.98	1.023	1.000	1.000	1.00
Subtotal	9,162	74.08		\$ 56.55				\$ 56.48				\$ 57.77
Admin				\$ 0.62				\$ 0.62				\$ 0.63
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 57.17				\$ 57.10				\$ 58.40
Ages 45 - 64	Member Months			221,907				222,004				200,726
Brand	3,328	415.36	1.000	115.17	0.999	1.000	1.000	115.02	1.023	1.000	1.000	117.64
Generic	21,864	12.75	1.000	23.23	0.999	1.000	1.000	23.20	1.023	1.000	1.000	23.73
Non-Drug*	495	79.35	1.000	3.27	0.999	1.000	1.000	3.27	1.023	1.000	1.000	3.34
Subtotal	25,686	66.19		\$ 141.67				\$ 141.49				\$ 144.71
Admin				\$ 1.55				\$ 1.54				\$ 1.58
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 143.22				\$ 143.03				\$ 146.29
Age 65 & Over	Member Months			6,020				6,102				6,288
Brand	1,981	169.31	1.000	27.95	0.999	1.000	1.000	27.92	1.023	1.000	1.000	28.55
Generic	21,153	10.28	1.000	18.12	0.999	1.000	1.000	18.10	1.023	1.000	1.000	18.51
Non-Drug*	219	71.64	1.000	1.31	0.999	1.000	1.000	1.31	1.023	1.000	1.000	1.34
Subtotal	23,353	24.35		\$ 47.39				\$ 47.32				\$ 48.40
Admin				\$ 0.51				\$ 0.52				\$ 0.53
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 47.90				\$ 47.84				\$ 48.93
Total Medicaid	Member Months			4,759,250				4,748,872				4,403,286
Brand	1,587	285.61	1.000	37.78	0.999	1.000	1.000	37.73	1.023	1.000	0.996	38.45
Generic	7,107	18.01	1.000	10.66	0.999	1.000	1.001	10.66	1.023	1.000	1.001	10.91
Non-Drug*	108	88.48	1.000	0.80	0.999	1.000	1.000	0.80	1.023	1.000	0.998	0.81
Total	8,803	67.13		\$ 49.24				\$ 49.19				\$ 50.17
Admin				\$ 0.54				\$ 0.53				\$ 0.55
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 49.78				\$ 49.72				\$ 50.72

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
 East Region - Development of SFY2018 and SFY2019 Rates

Disabled												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages Under 21	Member Months			133,500				133,464				132,548
Brand	5,436	571.15	1.000	258.69	0.999	1.000	1.000	258.35	1.023	1.000	1.000	264.24
Generic	15,104	27.82	1.000	35.01	0.999	1.000	1.000	34.96	1.023	1.000	1.000	35.76
Non-Drug*	263	98.92	1.000	2.17	0.999	1.000	1.000	2.17	1.023	1.000	1.000	2.22
Subtotal	20,803	170.68		\$ 295.87				\$ 295.49				\$ 302.22
Admin				\$ 3.23				\$ 3.22				\$ 3.30
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 299.10				\$ 298.71				\$ 305.52
Ages Over 21	Member Months			537,423				534,336				531,639
Brand	5,878	564.94	1.000	276.71	0.999	1.000	1.000	276.35	1.023	1.000	1.000	282.65
Generic	30,009	15.60	1.000	39.00	0.999	1.000	1.000	38.95	1.023	1.000	1.000	39.83
Non-Drug*	839	82.30	1.000	5.76	0.999	1.000	1.000	5.75	1.023	1.000	1.000	5.88
Subtotal	36,727	105.05		\$ 321.47				\$ 321.05				\$ 328.36
Admin				\$ 3.51				\$ 3.51				\$ 3.59
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 324.98				\$ 324.56				\$ 331.95
Total Disabled	Member Months			670,923				667,800				664,187
Brand	5,790	566.10	1.000	273.13	0.999	1.000	1.000	272.76	1.023	1.000	1.000	278.98
Generic	27,043	16.95	1.000	38.20	0.999	1.000	1.000	38.15	1.023	1.000	1.000	39.02
Non-Drug*	725	83.50	1.000	5.04	0.999	1.000	0.999	5.03	1.023	1.000	1.000	5.15
Total	33,558	113.14		\$ 316.37				\$ 315.94				\$ 323.15
Admin				\$ 3.46				\$ 3.45				\$ 3.53
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 319.83				\$ 319.39				\$ 326.68

* Non-Drugs include medical supplies, bulk chemicals, etc

Duals and Waiver Duals												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Duals/Waiver Duals	Member Months			719,712				717,261				718,072
Brand	31	519.19	1.000	1.33	0.999	1.000	1.000	1.33	1.023	1.000	1.000	1.36
Generic	177	14.24	1.000	0.21	0.999	1.000	1.000	0.21	1.023	1.000	1.000	0.21
Non-Drug*	5	82.33	1.000	0.04	0.999	1.000	1.000	0.04	1.023	1.000	1.000	0.04
Total	213	88.98		\$ 1.58				\$ 1.58				\$ 1.61
Admin				\$ 0.02				\$ 0.01				\$ 0.02
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 1.60				\$ 1.59				\$ 1.63

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development

Middle Region - Development of SFY2018 and SFY2019 Rates

Total Prescription Drug Experience												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
All Ages	Member Months			6,297,585				6,295,015				5,931,799
Brand	1,545	369.22	1.000	47.53	0.999	1.000	0.998	47.38	1.023	1.000	1.017	49.26
Generic	7,110	17.90	1.000	10.61	0.999	1.000	0.999	10.58	1.023	1.000	1.008	10.91
Non-Drug*	130	84.51	1.000	0.92	0.999	1.000	0.999	0.91	1.023	1.000	1.014	0.95
Grand Total	8,785	80.68		\$ 59.05				\$ 58.88				\$ 61.12
Admin				\$ 0.65				\$ 0.64				\$ 0.67
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 59.70				\$ 59.52				\$ 61.79

* Non-Drugs include medical supplies, bulk chemicals, etc

Medicaid (TANF & Related) and Uninsured												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Age Under 1	Member Months			238,339				238,395				232,081
Brand	889	109.23	1.000	8.09	0.999	1.000	1.000	8.08	1.023	1.000	1.000	8.27
Generic	3,238	17.73	1.000	4.78	0.999	1.000	1.000	4.78	1.023	1.000	1.000	4.89
Non-Drug*	12	51.65	1.000	0.05	0.999	1.000	1.000	0.05	1.023	1.000	1.000	0.05
Subtotal	4,138	37.48		\$ 12.93				\$ 12.91				\$ 13.20
Admin				\$ 0.14				\$ 0.14				\$ 0.15
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 13.07				\$ 13.05				\$ 13.35
Ages 1 - 13	Member Months			2,494,510				2,499,737				2,306,668
Brand	1,166	199.35	1.000	19.37	0.999	1.000	1.000	19.35	1.023	1.000	1.000	19.79
Generic	3,326	24.92	1.000	6.91	0.999	1.000	1.000	6.90	1.023	1.000	1.000	7.05
Non-Drug*	37	95.16	1.000	0.29	0.999	1.000	1.000	0.29	1.023	1.000	1.000	0.30
Subtotal	4,529	70.41		\$ 26.57				\$ 26.54				\$ 27.14
Admin				\$ 0.29				\$ 0.29				\$ 0.30
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 26.86				\$ 26.83				\$ 27.44
Ages 14 - 20 : Female	Member Months			454,540				453,175				436,649
Brand	1,222	267.15	1.000	27.20	0.999	1.000	1.000	27.16	1.023	1.000	1.000	27.78
Generic	6,293	19.33	1.000	10.13	0.999	1.000	1.000	10.12	1.023	1.000	1.000	10.35
Non-Drug*	77	103.34	1.000	0.66	0.999	1.000	1.000	0.66	1.023	1.000	1.000	0.68
Subtotal	7,592	60.06		\$ 38.00				\$ 37.95				\$ 38.81
Admin				\$ 0.41				\$ 0.41				\$ 0.43
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 38.41				\$ 38.36				\$ 39.24
Ages 14 - 20 : Male	Member Months			425,555				422,033				401,821
Brand	1,024	353.39	1.000	30.16	0.999	1.000	1.000	30.12	1.023	1.000	1.000	30.81
Generic	3,553	23.17	1.000	6.86	0.999	1.000	1.000	6.85	1.023	1.000	1.000	7.01
Non-Drug*	62	115.86	1.000	0.60	0.999	1.000	1.000	0.60	1.023	1.000	1.000	0.62
Subtotal	4,640	97.32		\$ 37.63				\$ 37.58				\$ 38.43
Admin				\$ 0.41				\$ 0.41				\$ 0.42
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 38.04				\$ 37.99				\$ 38.85

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
Middle Region - Development of SFY2018 and SFY2019 Rates

Medicaid (TANF & Related) and Uninsured												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages 21 - 44 : Female	Member Months			1,067,193				1,071,923				1,009,946
Brand	1,501	352.50	1.000	44.08	0.999	1.000	1.000	44.02	1.023	1.000	1.000	45.02
Generic	10,250	14.61	1.000	12.48	0.999	1.000	1.000	12.46	1.023	1.000	1.000	12.75
Non-Drug*	155	78.82	1.000	1.02	0.999	1.000	1.000	1.02	1.023	1.000	1.000	1.04
Subtotal	11,906	58.04		\$ 57.58				\$ 57.50				\$ 58.81
Admin				\$ 0.62				\$ 0.63				\$ 0.64
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 58.20				\$ 58.13				\$ 59.45
Ages 21 - 44 : Male	Member Months			263,358				259,257				217,597
Brand	1,066	423.82	1.000	37.63	0.999	1.000	1.000	37.59	1.023	1.000	1.000	38.44
Generic	7,051	13.56	1.000	7.96	0.999	1.000	1.000	7.95	1.023	1.000	1.000	8.14
Non-Drug*	158	75.29	1.000	0.99	0.999	1.000	1.000	0.99	1.023	1.000	1.000	1.01
Subtotal	8,275	67.57		\$ 46.59				\$ 46.53				\$ 47.59
Admin				\$ 0.51				\$ 0.51				\$ 0.52
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 47.10				\$ 47.04				\$ 48.11
Ages 45 - 64	Member Months			223,881				224,257				203,606
Brand	2,986	429.75	1.000	106.93	0.999	1.000	1.000	106.80	1.023	1.000	1.000	109.23
Generic	19,121	12.77	1.000	20.35	0.999	1.000	1.000	20.33	1.023	1.000	1.000	20.79
Non-Drug*	466	75.46	1.000	2.93	0.999	1.000	1.000	2.93	1.023	1.000	1.000	2.99
Subtotal	22,574	69.23		\$ 130.22				\$ 130.05				\$ 133.01
Admin				\$ 1.42				\$ 1.42				\$ 1.45
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 131.64				\$ 131.47				\$ 134.46
Age 65 & Over	Member Months			8,308				8,650				9,132
Brand	2,827	285.76	1.000	67.31	0.999	1.000	1.000	67.22	1.023	1.000	1.000	68.75
Generic	19,292	10.84	1.000	17.43	0.999	1.000	1.000	17.41	1.023	1.000	1.000	17.80
Non-Drug*	469	80.32	1.000	3.14	0.999	1.000	1.000	3.14	1.023	1.000	1.000	3.21
Subtotal	22,588	46.69		\$ 87.88				\$ 87.76				\$ 89.76
Admin				\$ 0.96				\$ 0.96				\$ 0.98
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 88.84				\$ 88.72				\$ 90.74
Total Medicaid	Member Months			5,175,685				5,177,427				4,817,500
Brand	1,292	281.60	1.000	30.32	0.999	1.000	1.000	30.28	1.023	1.000	0.997	30.88
Generic	5,927	18.00	1.000	8.89	0.999	1.000	1.000	8.88	1.023	1.000	1.000	9.09
Non-Drug*	91	84.71	1.000	0.64	0.999	1.000	1.000	0.64	1.023	1.000	0.996	0.66
Total	7,310	65.42		\$ 39.85				\$ 39.81				\$ 40.63
Admin				\$ 0.43				\$ 0.43				\$ 0.44
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 40.28				\$ 40.24				\$ 41.07

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
Middle Region - Development of SFY2018 and SFY2019 Rates

Disabled												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages Under 21	Member Months			150,039				148,503				144,261
Brand	4,562	558.17	1.000	212.18	0.999	1.000	1.000	211.90	1.023	1.000	1.000	216.73
Generic	12,382	28.30	1.000	29.20	0.999	1.000	1.000	29.16	1.023	1.000	1.000	29.82
Non-Drug*	178	103.64	1.000	1.54	0.999	1.000	1.000	1.54	1.023	1.000	1.000	1.57
Subtotal	17,122	170.27		\$ 242.91				\$ 242.60				\$ 248.13
Admin				\$ 2.66				\$ 2.65				\$ 2.71
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 245.57				\$ 245.25				\$ 250.84
Ages Over 21	Member Months			419,455				417,717				416,421
Brand	5,580	563.58	1.000	262.05	0.999	1.000	1.000	261.71	1.023	1.000	1.000	267.67
Generic	28,928	16.09	1.000	38.78	0.999	1.000	1.000	38.73	1.023	1.000	1.000	39.62
Non-Drug*	755	82.61	1.000	5.20	0.999	1.000	1.000	5.19	1.023	1.000	1.000	5.31
Subtotal	35,263	104.15		\$ 306.03				\$ 305.63				\$ 312.59
Admin				\$ 3.34				\$ 3.34				\$ 3.42
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 309.37				\$ 308.97				\$ 316.01
Total Disabled	Member Months			569,494				566,220				560,682
Brand	5,312	562.35	1.000	248.91	0.999	1.000	1.000	248.65	1.023	1.000	1.001	254.56
Generic	24,569	17.71	1.000	36.26	0.999	1.000	1.000	36.22	1.023	1.000	1.001	37.10
Non-Drug*	603	84.25	1.000	4.23	0.999	1.000	1.001	4.23	1.023	1.000	1.004	4.35
Total	30,484	113.94		\$ 289.40				\$ 289.10				\$ 296.01
Admin				\$ 3.16				\$ 3.16				\$ 3.23
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 292.56				\$ 292.26				\$ 299.24

* Non-Drugs include medical supplies, bulk chemicals, etc

Duals and Waiver Duals												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Duals/Waiver Duals	Member Months			552,406				551,368				553,617
Brand	33	457.02	1.000	1.25	0.999	1.000	1.000	1.25	1.023	1.000	1.000	1.28
Generic	192	14.67	1.000	0.24	0.999	1.000	1.000	0.23	1.023	1.000	1.000	0.24
Non-Drug*	6	81.65	1.000	0.04	0.999	1.000	1.000	0.04	1.023	1.000	1.000	0.04
Total	231	79.21		\$ 1.52				\$ 1.52				\$ 1.56
Admin				\$ 0.02				\$ 0.02				\$ 0.01
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 1.54				\$ 1.54				\$ 1.57

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
West Region - Development of SFY2018 and SFY2019 Rates

Total Prescription Drug Experience												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
All Ages	Member Months			4,940,283				4,893,547				4,586,543
Brand	1,439	376.99	1.000	45.20	0.999	1.000	1.004	45.32	1.023	1.000	1.027	47.59
Generic	6,862	17.07	1.000	9.76	0.999	1.000	1.003	9.77	1.023	1.000	1.014	10.13
Non-Drug*	143	77.55	1.000	0.93	0.999	1.000	1.004	0.93	1.023	1.000	1.022	0.97
Grand Total	8,444	79.42		\$ 55.88				\$ 56.02				\$ 58.69
Admin				\$ 0.61				\$ 0.62				\$ 0.64
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 56.49				\$ 56.64				\$ 59.33

* Non-Drugs include medical supplies, bulk chemicals, etc

Medicaid (TANF & Related) and Uninsured												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Age Under 1	Member Months			181,310				180,737				175,130
Brand	865	108.05	1.000	7.78	0.999	1.000	1.000	7.77	1.023	1.000	1.000	7.95
Generic	3,130	17.27	1.000	4.50	0.999	1.000	1.000	4.50	1.023	1.000	1.000	4.60
Non-Drug*	16	55.17	1.000	0.07	0.999	1.000	1.000	0.07	1.023	1.000	1.000	0.08
Subtotal	4,011	36.99		\$ 12.36				\$ 12.35				\$ 12.63
Admin				\$ 0.14				\$ 0.13				\$ 0.13
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 12.50				\$ 12.48				\$ 12.76
Ages 1 - 13	Member Months			1,882,207				1,863,998				1,693,916
Brand	1,079	178.12	1.000	16.02	0.999	1.000	1.000	16.00	1.023	1.000	1.000	16.36
Generic	2,995	22.95	1.000	5.73	0.999	1.000	1.000	5.72	1.023	1.000	1.000	5.85
Non-Drug*	36	77.56	1.000	0.23	0.999	1.000	1.000	0.23	1.023	1.000	1.000	0.24
Subtotal	4,110	64.17		\$ 21.98				\$ 21.95				\$ 22.45
Admin				\$ 0.24				\$ 0.24				\$ 0.24
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 22.22				\$ 22.19				\$ 22.69
Ages 14 - 20 : Female	Member Months			361,458				353,884				335,690
Brand	1,044	233.12	1.000	20.28	0.999	1.000	1.000	20.26	1.023	1.000	1.000	20.72
Generic	5,596	18.97	1.000	8.85	0.999	1.000	1.000	8.83	1.023	1.000	1.000	9.04
Non-Drug*	81	83.59	1.000	0.57	0.999	1.000	1.000	0.57	1.023	1.000	1.000	0.58
Subtotal	6,721	53.02		\$ 29.70				\$ 29.66				\$ 30.33
Admin				\$ 0.32				\$ 0.32				\$ 0.33
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 30.02				\$ 29.98				\$ 30.66
Ages 14 - 20 : Male	Member Months			330,556				321,616				301,453
Brand	873	442.13	1.000	32.16	0.999	1.000	1.000	32.12	1.023	1.000	1.000	32.85
Generic	2,919	21.01	1.000	5.11	0.999	1.000	1.000	5.10	1.023	1.000	1.000	5.22
Non-Drug*	65	89.34	1.000	0.48	0.999	1.000	1.000	0.48	1.023	1.000	1.000	0.49
Subtotal	3,856	117.48		\$ 37.75				\$ 37.70				\$ 38.56
Admin				\$ 0.41				\$ 0.41				\$ 0.42
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 38.16				\$ 38.11				\$ 38.98

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
West Region - Development of SFY2018 and SFY2019 Rates

Medicaid (TANF & Related) and Uninsured												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages 21 - 44 : Female	Member Months			832,503				827,118				773,507
Brand	1,344	339.61	1.000	38.03	0.999	1.000	1.000	37.98	1.023	1.000	1.000	38.85
Generic	9,687	14.37	1.000	11.60	0.999	1.000	1.000	11.59	1.023	1.000	1.000	11.85
Non-Drug*	164	76.70	1.000	1.05	0.999	1.000	1.000	1.05	1.023	1.000	1.000	1.07
Subtotal	11,195	54.33		\$ 50.68				\$ 50.62				\$ 51.77
Admin				\$ 0.55				\$ 0.55				\$ 0.56
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 51.23				\$ 51.17				\$ 52.33
Ages 21 - 44 : Male	Member Months			140,052				136,038				111,512
Brand	1,011	432.40	1.000	36.44	0.999	1.000	1.000	36.39	1.023	1.000	1.000	37.22
Generic	6,617	12.71	1.000	7.01	0.999	1.000	1.000	7.00	1.023	1.000	1.000	7.16
Non-Drug*	126	75.57	1.000	0.79	0.999	1.000	1.000	0.79	1.023	1.000	1.000	0.81
Subtotal	7,755	68.47		\$ 44.24				\$ 44.18				\$ 45.19
Admin				\$ 0.48				\$ 0.49				\$ 0.49
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 44.72				\$ 44.67				\$ 45.68
Ages 45 - 64	Member Months			146,609				145,255				130,646
Brand	2,745	391.96	1.000	89.64	0.999	1.000	1.000	89.53	1.023	1.000	1.000	91.57
Generic	20,023	11.86	1.000	19.78	0.999	1.000	1.000	19.76	1.023	1.000	1.000	20.21
Non-Drug*	567	72.87	1.000	3.44	0.999	1.000	1.000	3.44	1.023	1.000	1.000	3.52
Subtotal	23,335	58.05		\$ 112.87				\$ 112.73				\$ 115.30
Admin				\$ 1.24				\$ 1.23				\$ 1.25
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 114.11				\$ 113.96				\$ 116.55
Age 65 & Over	Member Months			4,098				4,418				4,540
Brand	2,597	215.63	1.000	46.66	0.999	1.000	1.000	46.60	1.023	1.000	1.000	47.67
Generic	17,606	12.09	1.000	17.73	0.999	1.000	1.000	17.71	1.023	1.000	1.000	18.11
Non-Drug*	319	86.28	1.000	2.29	0.999	1.000	1.000	2.29	1.023	1.000	1.000	2.34
Subtotal	20,523	39.00		\$ 66.69				\$ 66.61				\$ 68.12
Admin				\$ 0.73				\$ 0.72				\$ 0.75
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 67.42				\$ 67.33				\$ 68.87
Total Medicaid	Member Months			3,878,793				3,833,064				3,526,394
Brand	1,167	264.06	1.000	25.68	0.999	1.000	1.000	25.64	1.023	1.000	0.998	26.19
Generic	5,463	17.04	1.000	7.76	0.999	1.000	1.001	7.76	1.023	1.000	1.001	7.94
Non-Drug*	93	77.09	1.000	0.60	0.999	1.000	1.001	0.60	1.023	1.000	0.999	0.61
Total	6,723	60.76		\$ 34.04				\$ 34.00				\$ 34.74
Admin				\$ 0.37				\$ 0.37				\$ 0.37
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 34.41				\$ 34.37				\$ 35.11

* Non-Drugs include medical supplies, bulk chemicals, etc

SFY2019 Pharmacy Per Capita Cost Development
West Region - Development of SFY2018 and SFY2019 Rates

Disabled												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Ages Under 21	Member Months			168,841				168,645				166,896
Brand	3,490	518.04	1.000	150.66	0.999	1.000	1.000	150.47	1.023	1.000	1.000	153.89
Generic	9,075	27.36	1.000	20.69	0.999	1.000	1.000	20.66	1.023	1.000	1.000	21.13
Non-Drug*	153	80.43	1.000	1.03	0.999	1.000	1.000	1.02	1.023	1.000	1.000	1.05
Subtotal	12,718	162.66		\$ 172.37				\$ 172.15				\$ 176.07
Admin				\$ 1.89				\$ 1.88				\$ 1.93
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 174.26				\$ 174.03				\$ 178.00
Ages Over 21	Member Months			411,293				411,362				410,893
Brand	4,807	592.74	1.000	237.41	0.999	1.000	1.000	237.10	1.023	1.000	1.000	242.50
Generic	26,960	15.70	1.000	35.27	0.999	1.000	1.000	35.23	1.023	1.000	1.000	36.03
Non-Drug*	775	77.83	1.000	5.03	0.999	1.000	1.000	5.02	1.023	1.000	1.000	5.13
Subtotal	32,542	102.42		\$ 277.71				\$ 277.35				\$ 283.67
Admin				\$ 3.03				\$ 3.03				\$ 3.09
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 280.74				\$ 280.38				\$ 286.76
Total Disabled	Member Months			580,134				580,007				577,789
Brand	4,424	575.59	1.000	212.16	0.999	1.000	1.000	211.91	1.023	1.000	1.001	216.91
Generic	21,755	17.12	1.000	31.03	0.999	1.000	1.000	30.99	1.023	1.000	1.001	31.73
Non-Drug*	594	78.03	1.000	3.86	0.999	1.000	1.000	3.86	1.023	1.000	1.002	3.95
Total	26,773	110.75		\$ 247.05				\$ 246.76				\$ 252.59
Admin				\$ 2.70				\$ 2.70				\$ 2.75
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 249.75				\$ 249.46				\$ 255.34

* Non-Drugs include medical supplies, bulk chemicals, etc

Duals and Waiver Duals												
Age Group	April 2017 through March 2018 Incurred			P2 PMPM	Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion		Trend To SFY2018	Benefit Adjust	Enrollment Impact		Trend To SFY2019	Benefit Adjust	Enrollment Impact	
Duals/Waiver Duals	Member Months			481,356				480,476				482,360
Brand	30	489.55	1.000	1.23	0.999	1.000	1.000	1.22	1.023	1.000	1.000	1.25
Generic	187	14.79	1.000	0.23	0.999	1.000	1.000	0.23	1.023	1.000	1.000	0.24
Non-Drug*	7	77.40	1.000	0.04	0.999	1.000	1.000	0.04	1.023	1.000	1.000	0.04
Total	224	80.32		\$ 1.50				\$ 1.50				\$ 1.53
Admin				\$ 0.02				\$ 0.01				\$ 0.02
Premium Tax				\$ -				\$ -				\$ -
Total Premium Rate				\$ 1.52				\$ 1.51				\$ 1.55

* Non-Drugs include medical supplies, bulk chemicals, etc

TennCare

Exhibit 7c

SFY2019 Pharmacy Per Capita Cost Development

All Regions - Pharmacy Rate and Budget Summary

		Prescription Drug Experience								
Aid Category	Age Group	April 2017 through March 2018 Incurred			SFY2018			SFY2019		
		Member Months	PMPM	Total	Projected MMs	PMPM	Total	Projected MMs	PMPM	Total
Medicaid (TANF & Related)*										
	Age Under 1	627,661	\$ 14.53	\$ 9,117,358	626,746	\$ 14.51	\$ 9,091,248	608,527	\$ 14.83	\$ 9,027,089
	Age 1 - 13	6,591,468	\$ 28.53	\$ 188,046,822	6,577,398	\$ 28.51	\$ 187,502,102	6,037,967	\$ 29.18	\$ 176,175,899
	Age 14 - 20 Female	1,261,884	\$ 40.95	\$ 51,678,766	1,252,266	\$ 40.96	\$ 51,295,370	1,202,406	\$ 41.96	\$ 50,447,849
	Age 14 - 20 Male	1,171,537	\$ 40.43	\$ 47,367,501	1,154,775	\$ 40.39	\$ 46,638,373	1,094,042	\$ 41.31	\$ 45,199,943
	Age 21 - 44 Female	2,883,708	\$ 58.84	\$ 169,665,224	2,884,737	\$ 58.78	\$ 169,562,308	2,706,984	\$ 60.12	\$ 162,746,430
	Age 21 - 44 Male	666,646	\$ 50.58	\$ 33,716,504	652,755	\$ 50.51	\$ 32,973,233	542,316	\$ 51.66	\$ 28,013,749
	Age 45 - 64	592,397	\$ 131.64	\$ 77,982,705	591,516	\$ 131.51	\$ 77,789,560	534,978	\$ 134.52	\$ 71,967,861
	Age 65+	18,426	\$ 70.70	\$ 1,302,735	19,170	\$ 70.78	\$ 1,356,812	19,960	\$ 72.59	\$ 1,448,979
	All Ages	13,813,728	\$ 41.91	\$ 578,877,615	13,759,363	\$ 41.88	\$ 576,209,004	12,747,180	\$ 42.76	\$ 545,027,798
Disabled										
	Age <21	452,379	\$ 234.75	\$ 106,196,983	450,612	\$ 234.43	\$ 105,636,682	443,705	\$ 239.78	\$ 106,389,982
	Age 21+	1,368,172	\$ 306.90	\$ 419,885,107	1,363,415	\$ 306.45	\$ 417,823,791	1,358,953	\$ 313.40	\$ 425,898,443
	All Ages	1,820,551	\$ 288.97	\$ 526,082,090	1,814,027	\$ 288.56	\$ 523,460,473	1,802,658	\$ 295.28	\$ 532,288,425
Duals/Waiver Duals										
	All Ages	1,753,474	\$ 1.56	\$ 2,733,905	1,749,105	\$ 1.55	\$ 2,715,070	1,754,049	\$ 1.59	\$ 2,787,294
All Groups	All Ages	17,387,753	\$ 63.71	\$1,107,693,610	17,322,495	\$ 63.64	\$1,102,384,547	16,303,887	\$ 66.25	\$1,080,103,517

TennCare

Exhibit 7c

SFY2019 Pharmacy Per Capita Cost Development

East Region - Pharmacy Rate and Budget Summary

		Prescription Drug Experience								
Aid Category	Age Group	April 2017 through March 2018 Incurred			SFY2018			SFY2019		
		Member Months	PMPM	Total	Projected MMs	PMPM	Total	Projected MMs	PMPM	Total
Medicaid (TANF & Related)*										
	Age Under 1	208,011	\$ 17.96	\$ 3,735,886	207,614	\$ 17.94	\$ 3,724,595	201,316	\$ 18.35	\$ 3,694,149
	Age 1 - 13	2,214,751	\$ 35.77	\$ 79,221,634	2,213,663	\$ 35.72	\$ 79,072,042	2,037,383	\$ 36.54	\$ 74,445,975
	Age 14 - 20 Female	445,887	\$ 52.41	\$ 23,368,924	445,207	\$ 52.34	\$ 23,302,134	430,067	\$ 53.53	\$ 23,021,487
	Age 14 - 20 Male	415,425	\$ 44.69	\$ 18,565,352	411,126	\$ 44.63	\$ 18,348,553	390,768	\$ 45.65	\$ 17,838,559
	Age 21 - 44 Female	984,013	\$ 65.96	\$ 64,905,470	985,696	\$ 65.87	\$ 64,927,796	923,531	\$ 67.38	\$ 62,227,519
	Age 21 - 44 Male	263,236	\$ 57.17	\$ 15,049,200	257,460	\$ 57.10	\$ 14,700,966	213,207	\$ 58.40	\$ 12,451,289
	Age 45 - 64	221,907	\$ 143.22	\$ 31,781,471	222,004	\$ 143.03	\$ 31,753,232	200,726	\$ 146.29	\$ 29,364,207
	Age 65+	6,020	\$ 47.90	\$ 288,367	6,102	\$ 47.84	\$ 291,920	6,288	\$ 48.93	\$ 307,672
	All Ages	4,759,250	\$ 49.78	\$ 236,916,304	4,748,872	\$ 49.72	\$ 236,121,239	4,403,286	\$ 50.72	\$ 223,350,855
Disabled										
	Age <21	133,500	\$ 299.10	\$ 39,929,753	133,464	\$ 298.71	\$ 39,867,031	132,548	\$ 305.52	\$ 40,496,065
	Age 21+	537,423	\$ 324.98	\$ 174,651,845	534,336	\$ 324.56	\$ 173,424,092	531,639	\$ 331.95	\$ 176,477,566
	All Ages	670,923	\$ 319.83	\$ 214,581,598	667,800	\$ 319.39	\$ 213,291,124	664,187	\$ 326.68	\$ 216,973,631
Duals/Waiver Duals										
	All Ages	719,712	\$ 1.60	\$ 1,151,540	717,261	\$ 1.59	\$ 1,140,445	718,072	\$ 1.63	\$ 1,170,457
All Groups	All Ages	6,149,885	\$ 73.60	\$ 452,649,442	6,133,933	\$ 73.45	\$ 450,552,807	5,785,545	\$ 76.31	\$ 441,494,943

TennCare

Exhibit 7c

SFY2019 Pharmacy Per Capita Cost Development
Middle Region - Pharmacy Rate and Budget Summary

		Prescription Drug Experience								
Aid Category	Age Group	April 2017 through March 2018 Incurred			SFY2018			SFY2019		
		Member Months	PMPM	Total	Projected MMs	PMPM	Total	Projected MMs	PMPM	Total
Medicaid (TANF & Related)*										
	Age Under 1	238,339	\$ 13.07	\$ 3,115,092	238,395	\$ 13.05	\$ 3,111,055	232,081	\$ 13.35	\$ 3,098,281
	Age 1 - 13	2,494,510	\$ 26.86	\$ 67,002,550	2,499,737	\$ 26.83	\$ 67,067,944	2,306,668	\$ 27.44	\$ 63,294,970
	Age 14 - 20 Female	454,540	\$ 38.41	\$ 17,458,884	453,175	\$ 38.36	\$ 17,383,793	436,649	\$ 39.24	\$ 17,134,107
	Age 14 - 20 Male	425,555	\$ 38.04	\$ 16,188,131	422,033	\$ 37.99	\$ 16,033,034	401,821	\$ 38.85	\$ 15,610,746
	Age 21 - 44 Female	1,067,193	\$ 58.20	\$ 62,110,642	1,071,923	\$ 58.13	\$ 62,310,884	1,009,946	\$ 59.45	\$ 60,041,290
	Age 21 - 44 Male	263,358	\$ 47.10	\$ 12,404,159	259,257	\$ 47.04	\$ 12,195,449	217,597	\$ 48.11	\$ 10,468,592
	Age 45 - 64	223,881	\$ 131.64	\$ 29,471,709	224,257	\$ 131.47	\$ 29,483,068	203,606	\$ 134.46	\$ 27,376,863
	Age 65+	8,308	\$ 88.84	\$ 738,063	8,650	\$ 88.72	\$ 767,428	9,132	\$ 90.74	\$ 828,638
	All Ages	5,175,685	\$ 40.28	\$ 208,489,229	5,177,427	\$ 40.24	\$ 208,352,654	4,817,500	\$ 41.07	\$ 197,853,486
Disabled										
	Age <21	150,039	\$ 245.57	\$ 36,845,000	148,503	\$ 245.25	\$ 36,420,361	144,261	\$ 250.84	\$ 36,186,429
	Age 21+	419,455	\$ 309.37	\$ 129,766,833	417,717	\$ 308.97	\$ 129,062,021	416,421	\$ 316.01	\$ 131,593,200
	All Ages	569,494	\$ 292.56	\$ 166,611,833	566,220	\$ 292.26	\$ 165,482,382	560,682	\$ 299.24	\$ 167,779,629
Duals/Waiver Duals										
	All Ages	552,406	\$ 1.54	\$ 850,705	551,368	\$ 1.54	\$ 849,107	553,617	\$ 1.57	\$ 869,179
All Groups	All Ages	6,297,585	\$ 59.70	\$ 375,951,768	6,295,015	\$ 59.52	\$ 374,684,143	5,931,799	\$ 61.79	\$ 366,502,294

TennCare

Exhibit 7c

SFY2019 Pharmacy Per Capita Cost Development

West Region - Pharmacy Rate and Budget Summary

		Prescription Drug Experience								
Aid Category	Age Group	April 2017 through March 2018 Incurred			SFY2018			SFY2019		
		Member Months	PMPM	Total	Projected MMs	PMPM	Total	Projected MMs	PMPM	Total
Medicaid (TANF & Related)*										
	Age Under 1	181,310	\$ 12.50	\$ 2,266,380	180,737	\$ 12.48	\$ 2,255,598	175,130	\$ 12.76	\$ 2,234,659
	Age 1 - 13	1,882,207	\$ 22.22	\$ 41,822,638	1,863,998	\$ 22.19	\$ 41,362,116	1,693,916	\$ 22.69	\$ 38,434,954
	Age 14 - 20 Female	361,458	\$ 30.02	\$ 10,850,958	353,884	\$ 29.98	\$ 10,609,442	335,690	\$ 30.66	\$ 10,292,255
	Age 14 - 20 Male	330,556	\$ 38.16	\$ 12,614,019	321,616	\$ 38.11	\$ 12,256,786	301,453	\$ 38.98	\$ 11,750,638
	Age 21 - 44 Female	832,503	\$ 51.23	\$ 42,649,113	827,118	\$ 51.17	\$ 42,323,628	773,507	\$ 52.33	\$ 40,477,621
	Age 21 - 44 Male	140,052	\$ 44.72	\$ 6,263,145	136,038	\$ 44.67	\$ 6,076,817	111,512	\$ 45.68	\$ 5,093,868
	Age 45 - 64	146,609	\$ 114.11	\$ 16,729,524	145,255	\$ 113.96	\$ 16,553,260	130,646	\$ 116.55	\$ 15,226,791
	Age 65+	4,098	\$ 67.42	\$ 276,305	4,418	\$ 67.33	\$ 297,464	4,540	\$ 68.87	\$ 312,670
	All Ages	3,878,793	\$ 34.41	\$ 133,472,082	3,833,064	\$ 34.37	\$ 131,735,111	3,526,394	\$ 35.11	\$ 123,823,457
Disabled										
	Age <21	168,841	\$ 174.26	\$ 29,422,230	168,645	\$ 174.03	\$ 29,349,289	166,896	\$ 178.00	\$ 29,707,488
	Age 21+	411,293	\$ 280.74	\$ 115,466,429	411,362	\$ 280.38	\$ 115,337,678	410,893	\$ 286.76	\$ 117,827,677
	All Ages	580,134	\$ 249.75	\$ 144,888,659	580,007	\$ 249.46	\$ 144,686,967	577,789	\$ 255.34	\$ 147,535,165
Duals/Waiver Duals										
	All Ages	481,356	\$ 1.52	\$ 731,660	480,476	\$ 1.51	\$ 725,519	482,360	\$ 1.55	\$ 747,658
All Groups	All Ages	4,940,283	\$ 56.49	\$ 279,092,401	4,893,547	\$ 56.64	\$ 277,147,596	4,586,543	\$ 59.33	\$ 272,106,279

TennCare - FY2019 Comptroller Report
Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
1	INSULINS	\$ 32,218,555	\$ 26,036,683	\$ 18,074,850	\$ 76,330,088
2	ANTICONVULSANTS	\$ 28,894,518	\$ 27,907,459	\$ 15,702,370	\$ 72,504,346
3	ANTIPSYCHOTICS, ATYPICAL, DOPAMINE, & SEROTONIN ANTAG	\$ 21,070,878	\$ 21,000,157	\$ 19,305,438	\$ 61,376,473
4	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 20,063,184	\$ 18,778,167	\$ 12,197,485	\$ 51,038,836
5	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 19,685,847	\$ 14,926,756	\$ 7,878,015	\$ 42,490,618
6	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 16,061,259	\$ 12,197,519	\$ 8,733,610	\$ 36,992,388
7	CLASS UNAVAILABLE	\$ 13,380,892	\$ 14,719,959	\$ 5,322,416	\$ 33,423,266
8	ANTHEMOPHILIC FACTORS	\$ 16,322,745	\$ 7,285,379	\$ 9,762,169	\$ 33,370,293
9	BETA-ADRENERGIC AGENTS	\$ 13,069,962	\$ 10,292,174	\$ 7,786,881	\$ 31,149,017
10	ANALGESICS, NARCOTICS	\$ 9,450,629	\$ 11,589,948	\$ 4,179,051	\$ 25,219,628
11	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	\$ 10,334,857	\$ 7,171,015	\$ 6,854,406	\$ 24,360,278
12	AGENTS TO TREAT MULTIPLE SCLEROSIS	\$ 10,092,233	\$ 6,698,470	\$ 5,671,447	\$ 22,462,150
13	GLUCOCORTICOIDS	\$ 6,189,546	\$ 7,432,408	\$ 5,766,704	\$ 19,388,657
14	ANTIVIRALS, GENERAL	\$ 7,149,450	\$ 7,213,548	\$ 4,680,450	\$ 19,043,448
15	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	\$ 8,192,152	\$ 4,971,710	\$ 3,809,439	\$ 16,973,302
16	GROWTH HORMONES	\$ 7,472,566	\$ 6,493,125	\$ 2,400,230	\$ 16,365,922
17	BLOOD SUGAR DIAGNOSTICS	\$ 6,802,212	\$ 5,362,006	\$ 4,166,062	\$ 16,330,280
18	ANTIVIRALS, HIV-1 INTEGRASE STRAND TRANSFER INHIBTR	\$ 2,356,868	\$ 5,746,001	\$ 5,264,390	\$ 13,367,260
19	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	\$ 5,398,212	\$ 3,992,932	\$ 2,875,555	\$ 12,266,699
20	ANTIHYPERGLY, INCRETIN MIMETIC (GLP-1 RECEPTOR AGONIST)	\$ 4,914,189	\$ 3,723,836	\$ 3,621,127	\$ 12,259,152
21	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 5,517,132	\$ 3,400,482	\$ 2,348,959	\$ 11,266,573
22	GENERAL BRONCHODILATOR AGENTS	\$ 6,183,339	\$ 2,803,584	\$ 1,990,514	\$ 10,977,436
23	PROTON-PUMP INHIBITORS	\$ 4,878,287	\$ 3,166,864	\$ 1,919,916	\$ 9,965,067
24	ARV CMB-NRTI, N(T)RTI, INTEGRASE INHIBITOR	\$ 1,834,311	\$ 2,129,238	\$ 5,888,247	\$ 9,851,796
25	CONTRACEPTIVES, ORAL	\$ 4,418,149	\$ 3,045,156	\$ 2,005,774	\$ 9,469,079
26	TX FOR ATTENTION DEFICIT-HYPERACT. (ADHD), NRI-TYPE	\$ 4,614,401	\$ 3,191,391	\$ 1,641,291	\$ 9,447,083
27	CYSTIC FIB. TRANSMEMBRANE CONDUCT. REG. (CFTR) POTENTIATOR	\$ 5,048,056	\$ 2,156,305	\$ 1,010,643	\$ 8,215,003
28	GLUCOCORTICOIDS, ORALLY INHALED	\$ 5,319,184	\$ 1,526,927	\$ 1,048,078	\$ 7,894,189
29	TOPICAL ANTIPARASITICS	\$ 4,185,272	\$ 2,562,718	\$ 1,142,016	\$ 7,890,006
30	ANTIHYPERGLYCEMIC, DPP-4 INHIBITORS	\$ 2,649,928	\$ 2,286,590	\$ 2,237,363	\$ 7,173,881
31	ANTIEMETIC/ANTIVERTIGO AGENTS	\$ 3,282,076	\$ 2,296,955	\$ 1,537,664	\$ 7,116,695
32	ARTV CMB NUCLEOSIDE, NUCLEOTIDE, & NON-NUCLEOSIDE RTI	\$ 1,200,531	\$ 1,670,941	\$ 4,009,182	\$ 6,880,654
33	ANTIVIRALS, HIV-SPEC, NUCLEOSIDE-NUCLEOTIDE ANALOG	\$ 1,335,672	\$ 3,064,748	\$ 2,422,310	\$ 6,822,730
34	PENICILLINS	\$ 2,615,435	\$ 2,320,160	\$ 1,691,589	\$ 6,627,183

TennCare - FY2019 Comptroller Report
Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
35	ANTIVIRAL MONOCLONAL ANTIBODIES	\$ 2,928,727	\$ 1,914,205	\$ 1,568,803	\$ 6,411,736
36	PANCREATIC ENZYMES	\$ 3,258,514	\$ 2,083,161	\$ 1,001,338	\$ 6,343,013
37	OTIC PREPARATIONS,ANTI-INFLAMMATORY-ANTIBIOTICS	\$ 2,194,216	\$ 2,197,220	\$ 1,420,412	\$ 5,811,848
38	CEPHALOSPORINS - 3RD GENERATION	\$ 2,780,843	\$ 2,080,476	\$ 884,968	\$ 5,746,287
39	DIRECT FACTOR XA INHIBITORS	\$ 2,558,889	\$ 1,737,681	\$ 1,369,434	\$ 5,666,005
40	METALLIC POISON,AGENTS TO TREAT	\$ 1,193,707	\$ 1,730,418	\$ 2,303,112	\$ 5,227,237
41	FACTOR IX PREPARATIONS	\$ 872,992	\$ 1,049,519	\$ 3,175,064	\$ 5,097,575
42	ANAPHYLAXIS THERAPY AGENTS	\$ 2,274,818	\$ 1,779,732	\$ 993,347	\$ 5,047,896
43	SELECTIVE SEROTONIN REUPTAKE INHIBITOR (SSRIS)	\$ 2,224,037	\$ 1,757,874	\$ 985,026	\$ 4,966,937
44	ANTI-ALCOHOLIC PREPARATIONS	\$ 3,219,646	\$ 1,526,370	\$ 217,342	\$ 4,963,359
45	NSAIDS, CYCLOOXYGENASE INHIBITOR - TYPE	\$ 1,602,321	\$ 1,773,176	\$ 1,449,174	\$ 4,824,671
46	MUCOLYTICS	\$ 2,745,426	\$ 1,127,784	\$ 860,970	\$ 4,734,180
47	ANTIVIRALS, HIV-SPEC, NON-PEPTIDIC PROTEASE INHIB	\$ 935,803	\$ 1,937,583	\$ 1,650,410	\$ 4,523,797
48	MACROLIDES	\$ 1,851,198	\$ 1,166,030	\$ 1,438,180	\$ 4,455,408
49	INTRA-UTERINE DEVICES (IUDS)	\$ 1,517,322	\$ 1,982,930	\$ 881,696	\$ 4,381,948
50	ANTINEOPLASTIC IMMUNOMODULATOR AGENTS	\$ 1,268,852	\$ 1,290,259	\$ 1,753,446	\$ 4,312,557
51	EYE ANTIHISTAMINES	\$ 1,524,679	\$ 1,306,182	\$ 1,306,889	\$ 4,137,749
52	NARCOTIC WITHDRAWAL THERAPY AGENTS	\$ 1,288,192	\$ 1,972,030	\$ 861,568	\$ 4,121,790
53	TOPICAL ANTI-INFLAMMATORY STEROIDAL	\$ 1,182,627	\$ 1,556,575	\$ 1,199,608	\$ 3,938,810
54	ANTINEOPLASTIC - MTOR KINASE INHIBITORS	\$ 1,487,263	\$ 1,413,593	\$ 1,007,529	\$ 3,908,385
55	AMMONIA INHIBITORS	\$ 1,024,514	\$ 537,099	\$ 2,335,144	\$ 3,896,757
56	CONTRACEPTIVES,IMPLANTABLE	\$ 1,237,671	\$ 1,402,350	\$ 1,204,425	\$ 3,844,446
57	RIFAMYCINS AND RELATED DERIVATIVE ANTIBIOTICS	\$ 1,919,189	\$ 1,131,504	\$ 699,440	\$ 3,750,133
58	BETA-ADRENERGIC AND ANTICHOLINERGIC COMBINATIONS	\$ 1,785,267	\$ 1,248,294	\$ 649,574	\$ 3,683,135
59	ANTIHISTAMINES - 2ND GENERATION	\$ 1,496,201	\$ 1,204,773	\$ 954,458	\$ 3,655,432
60	SMOKING DETERRENT-NICOTINIC RECEPT.PARTIAL AGONIST	\$ 1,646,874	\$ 1,289,375	\$ 632,001	\$ 3,568,250
61	LEUKOTRIENE RECEPTOR ANTAGONISTS	\$ 1,707,837	\$ 1,058,295	\$ 742,927	\$ 3,509,060
62	ADRENOCORTICOTROPHIC HORMONES	\$ 1,426,445	\$ 216,658	\$ 1,834,065	\$ 3,477,168
63	MOVEMENT DISORDERS (DRUG THERAPY)	\$ 570,465	\$ 663,503	\$ 2,154,217	\$ 3,388,185
64	PKU TX AGENT-COFACTOR OF PHENYLALANINE HYDROXYLASE	\$ 1,131,527	\$ 1,791,252	\$ 348,008	\$ 3,270,788
65	ANTIHISTAMINES - 1ST GENERATION	\$ 1,271,417	\$ 1,028,640	\$ 922,194	\$ 3,222,251
66	ANTIMETABOLITES	\$ 1,153,394	\$ 1,097,207	\$ 883,764	\$ 3,134,365
67	MONOCLONAL ANTIBODY-HUMAN INTERLEUKIN 12/23 INHIB	\$ 1,422,744	\$ 1,244,074	\$ 439,537	\$ 3,106,355
68	SKELETAL MUSCLE RELAXANTS	\$ 1,200,157	\$ 1,144,664	\$ 664,400	\$ 3,009,221

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69	ELECTROLYTE DEPLETERS	\$ 488,811	\$ 897,257	\$ 1,616,486	\$ 3,002,555
70	THYROID HORMONES	\$ 1,434,571	\$ 1,002,040	\$ 532,551	\$ 2,969,162
71	CONTRACEPTIVES,INJECTABLE	\$ 839,776	\$ 912,228	\$ 1,176,764	\$ 2,928,768
72	ANTIHYPERLIPIDEMIC - HMG COA REDUCTASE INHIBITORS	\$ 1,208,915	\$ 918,448	\$ 794,665	\$ 2,922,029
73	MONOCLONAL ANTIBODIES TO IMMUNOGLOBULIN E(IGE)	\$ 1,343,260	\$ 744,549	\$ 721,504	\$ 2,809,313
74	NASAL ANTI-INFLAMMATORY STEROIDS	\$ 1,253,266	\$ 902,745	\$ 635,979	\$ 2,791,990
75	ANTIHYPERTENSIVES, ACE INHIBITORS	\$ 1,111,103	\$ 850,762	\$ 767,993	\$ 2,729,858
76	ANTIHYPERGLYCEMIC-SOD/GLUC COTRANSPORT2(SGLT2)INHIB	\$ 910,472	\$ 1,087,365	\$ 711,001	\$ 2,708,838
77	PULMONARY ANTI-HTN, ENDOTHELIN RECEPTOR ANTAGONIST	\$ 1,104,435	\$ 778,520	\$ 772,600	\$ 2,655,555
78	ANTIVIRALS, HIV-SPECIFIC, PROTEASE INHIBITORS	\$ 241,796	\$ 1,121,205	\$ 1,212,255	\$ 2,575,256
79	ANTIHYPERGLY, (DPP-4) INHIBITOR & BIGUANIDE COMB.	\$ 689,617	\$ 1,040,712	\$ 836,157	\$ 2,566,486
80	SEROTONIN-NOREPINEPHRINE REUPTAKE-INHIB (SNRIS)	\$ 1,132,089	\$ 971,415	\$ 408,820	\$ 2,512,325
81	ANTIPSORIATIC AGENTS,SYSTEMIC	\$ 1,489,394	\$ 634,750	\$ 358,569	\$ 2,482,713
82	ANTIHYPERTENSIVES, SYMPATHOLYTIC	\$ 997,074	\$ 805,962	\$ 679,392	\$ 2,482,429
83	ANTIPSYCHOTICS, DOPAMINE & SEROTONIN ANTAGONISTS	\$ 1,099,243	\$ 860,527	\$ 515,475	\$ 2,475,245
84	BETA-ADRENERGIC BLOCKING AGENTS	\$ 1,012,713	\$ 786,704	\$ 538,238	\$ 2,337,655
85	AMINOGLYCOSIDES	\$ 1,315,611	\$ 658,918	\$ 341,936	\$ 2,316,465
86	CALCIUM CHANNEL BLOCKING AGENTS	\$ 778,590	\$ 688,422	\$ 842,667	\$ 2,309,678
87	URINARY TRACT ANTISPASMODIC, M(3) SELECTIVE ANTAG.	\$ 967,289	\$ 886,697	\$ 443,510	\$ 2,297,495
88	LAXATIVES AND CATHARTICS	\$ 966,777	\$ 698,621	\$ 608,993	\$ 2,274,391
89	ANTI-PSYCHOTICS,PHENOTHIAZINES	\$ 805,986	\$ 794,278	\$ 672,348	\$ 2,272,613
90	ANTIANDROGENIC AGENTS	\$ 609,258	\$ 703,551	\$ 903,368	\$ 2,216,176
91	IMMUNOSUPPRESSIVES	\$ 492,293	\$ 1,086,009	\$ 622,690	\$ 2,200,992
92	CONTRACEPTIVES, INTRAVAGINAL, SYSTEMIC	\$ 911,686	\$ 768,779	\$ 404,493	\$ 2,084,958
93	OPHTHALMIC ANTIBIOTICS	\$ 801,541	\$ 739,187	\$ 531,882	\$ 2,072,611
94	ESTROGENIC AGENTS	\$ 879,576	\$ 747,663	\$ 365,111	\$ 1,992,351
95	PLATELET AGGREGATION INHIBITORS	\$ 996,446	\$ 495,841	\$ 491,742	\$ 1,984,030
96	CALCIMIMETIC,PARATHYROID CALCIUM ENHANCER	\$ 277,690	\$ 596,597	\$ 1,096,868	\$ 1,971,155
97	TOPICAL ANTIFUNGALS	\$ 705,550	\$ 621,815	\$ 619,666	\$ 1,947,031
98	HISTAMINE H2-RECEPTOR INHIBITORS	\$ 861,868	\$ 612,971	\$ 458,843	\$ 1,933,682
99	SSRI&SEROTONIN 5HT RECEPTOR MODULATOR ANTIDEPRESS	\$ 1,004,287	\$ 543,037	\$ 336,486	\$ 1,883,809
100	ANTI-NARCOLEPSY & ANTI-CATAPLEXY,SEDATIVE-TYPE AGT	\$ 1,112,251	\$ 490,414	\$ 278,427	\$ 1,881,092
101	CONTRACEPTIVES,TRANSDERMAL	\$ 702,065	\$ 608,088	\$ 466,677	\$ 1,776,829
102	TOPICAL IMMUNOSUPPRESSIVE AGENTS	\$ 573,617	\$ 457,306	\$ 714,627	\$ 1,745,550

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103	KIDNEY STONE AGENTS	\$ 875,167	\$ 867,596	\$ -	\$ 1,742,763
104	TRICYCLIC ANTIDEPRESSANTS & REL. NON-SEL. RU-INHIB	\$ 662,090	\$ 563,966	\$ 479,077	\$ 1,705,132
105	ANTISERA	\$ 1,021,436	\$ 606,695	\$ 69,308	\$ 1,697,440
106	ANTIFUNGAL AGENTS	\$ 623,741	\$ 478,212	\$ 578,024	\$ 1,679,977
107	TOPICAL ANTIBIOTICS	\$ 645,591	\$ 561,575	\$ 444,609	\$ 1,651,775
108	ANTIMIGRAINE PREPARATIONS	\$ 709,037	\$ 542,990	\$ 352,110	\$ 1,604,137
109	BILE SALTS	\$ 1,409,209	\$ 89,886	\$ 57,779	\$ 1,556,874
110	VITAMIN A DERIVATIVES	\$ 608,043	\$ 601,830	\$ 276,002	\$ 1,485,875
111	DRUG TX-CHRONIC INFLAM. COLON DX,5-AMINOSALICYLAT	\$ 579,966	\$ 502,872	\$ 396,903	\$ 1,479,742
112	NOREPINEPHRINE AND DOPAMINE REUPTAKE INHIB (NDRIS)	\$ 729,120	\$ 500,478	\$ 247,454	\$ 1,477,052
113	NASAL ANTIHISTAMINE	\$ 889,782	\$ 480,265	\$ 90,298	\$ 1,460,345
114	DRUGS TO TX CHRONIC INFLAMM. DISEASE OF COLON	\$ 943,507	\$ 375,072	\$ 95,494	\$ 1,414,072
115	HYPERGLYCEMICS	\$ 606,166	\$ 411,782	\$ 367,924	\$ 1,385,873
116	CEPHALOSPORINS - 1ST GENERATION	\$ 492,325	\$ 574,384	\$ 316,536	\$ 1,383,244
117	HEPARIN AND RELATED PREPARATIONS	\$ 568,495	\$ 482,381	\$ 327,361	\$ 1,378,237
118	ABSORBABLE SULFONAMIDES	\$ 553,762	\$ 441,879	\$ 356,337	\$ 1,351,979
119	TX FOR ADHD - SELECTIVE ALPHA-2 RECEPTOR AGONIST	\$ 566,795	\$ 560,208	\$ 198,505	\$ 1,325,508
120	MIOTICS/OTHER INTRAOC. PRESSURE REDUCERS	\$ 305,655	\$ 436,376	\$ 575,300	\$ 1,317,332
121	LIPOTROPICS	\$ 535,592	\$ 475,189	\$ 300,426	\$ 1,311,208
122	ANTIHYPERTENSIVES, ANGIOTENSIN RECEPTOR ANTAGONIST	\$ 461,602	\$ 398,866	\$ 418,542	\$ 1,279,010
123	POTASSIUM REPLACEMENT	\$ 490,145	\$ 354,445	\$ 403,429	\$ 1,248,020
124	SEROTONIN-2 ANTAGONIST/REUPTAKE INHIBITORS (SARIS)	\$ 455,619	\$ 438,370	\$ 296,974	\$ 1,190,963
125	ANTHELMINTICS	\$ 568,827	\$ 421,643	\$ 165,527	\$ 1,155,998
126	RESPIRATORY AIDS,DEVICES,EQUIPMENT	\$ 289,797	\$ 411,961	\$ 392,080	\$ 1,093,838
127	ANTI-ANXIETY DRUGS	\$ 488,731	\$ 353,270	\$ 245,249	\$ 1,087,249
128	ANTIVIRALS, HIV-SPECIFIC, NUCLEOTIDE ANALOG, RTI	\$ 236,233	\$ 593,552	\$ 244,980	\$ 1,074,766
129	ANTIPSYCHOTICS,DOPAMINE ANTAGONISTS,BUTYROPHENONES	\$ 203,131	\$ 201,629	\$ 669,524	\$ 1,074,283
130	LINCOSAMIDES	\$ 368,260	\$ 339,867	\$ 361,721	\$ 1,069,848
131	BILE SALT SEQUESTRANTS	\$ 599,332	\$ 236,566	\$ 231,249	\$ 1,067,147
132	JANUS KINASE (JAK) INHIBITORS	\$ 769,361	\$ 183,305	\$ 113,369	\$ 1,066,036
133	SSRI & 5HT1A PARTIAL AGONIST ANTIDEPRESSANT	\$ 518,035	\$ 392,655	\$ 147,035	\$ 1,057,725
134	TETRACYCLINES	\$ 448,842	\$ 321,595	\$ 280,982	\$ 1,051,420
135	URINARY TRACT ANALGESIC AGENTS	\$ 714,929	\$ 291,320	\$ 38,245	\$ 1,044,495
136	BETALACTAMS	\$ 621,107	\$ 309,839	\$ 106,232	\$ 1,037,178

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137	NITROFURAN DERIVATIVES	\$ 419,059	\$ 323,426	\$ 283,668	\$ 1,026,154
138	NARCOTIC ANALGESIC & NON-SALICYLATE ANALGESIC COMB	\$ 354,401	\$ 415,539	\$ 252,457	\$ 1,022,397
139	ANTIDIURETIC AND VASOPRESSOR HORMONES	\$ 218,390	\$ 681,593	\$ 120,355	\$ 1,020,338
140	URINARY TRACT ANTISPASMODIC/ANTIINCONTINENCE AGENT	\$ 471,785	\$ 288,217	\$ 238,017	\$ 998,019
141	THIAZIDE AND RELATED DIURETICS	\$ 361,570	\$ 293,412	\$ 330,813	\$ 985,795
142	ANTHYPERGLYCEMIC,BIGUANIDE TYPE(NON-SULFONYLUREA)	\$ 376,453	\$ 291,923	\$ 280,316	\$ 948,692
143	ANTINEOPLASTIC - JANUS KINASE (JAK) INHIBITORS	\$ 314,153	\$ 431,185	\$ 196,222	\$ 941,561
144	ANTHYPERGLYCEMIC, BIGUANIDE TYPE	\$ 380,205	\$ 289,819	\$ 263,329	\$ 933,352
145	LEUKOCYTE (WBC) STIMULANTS	\$ 263,927	\$ 501,974	\$ 159,620	\$ 925,522
146	THROMBOPOIETIN RECEPTOR AGONISTS	\$ 629,683	\$ 229,340	\$ 60,961	\$ 919,984
147	VAGINAL ESTROGEN PREPARATIONS	\$ 405,678	\$ 298,875	\$ 200,504	\$ 905,058
148	ANTIFUNGAL ANTIBIOTICS	\$ 212,520	\$ 255,619	\$ 433,232	\$ 901,371
149	VAGINAL ANTIBIOTICS	\$ 276,747	\$ 274,901	\$ 346,178	\$ 897,826
150	ANTIMALARIAL DRUGS	\$ 168,427	\$ 629,575	\$ 92,115	\$ 890,117
151	ANTINFLAMMATORY, SEL.COSTIM.MOD.,T-CELL INHIBITOR	\$ 395,667	\$ 338,058	\$ 143,063	\$ 876,789
152	PULM.ANTI-HTN,SEL.C-GMP PHOSPHODIESTERASE T5 INHIB	\$ 424,096	\$ 238,015	\$ 198,248	\$ 860,359
153	IRRITABLE BOWEL AGENTS,GUANYLATE CYLASE-C AGONIST	\$ 332,686	\$ 239,024	\$ 287,909	\$ 859,619
154	ANTIANGINAL & ANTI-ISCHEMIC AGENTS,NON-HEMODYNAMIC	\$ 365,017	\$ 271,920	\$ 221,213	\$ 858,150
155	LHRH(GNRH)AGNST PIT.SUP-CENTRAL PRECOCIOUS PUBERTY	\$ 330,492	\$ 409,504	\$ 114,968	\$ 854,963
156	BONE FORMATION STIM. AGENTS - PARATHYROID HORMONE	\$ 324,426	\$ 483,079	\$ 44,019	\$ 851,523
157	LOOP DIURETICS	\$ 345,672	\$ 251,017	\$ 244,383	\$ 841,071
158	ALPHA/BETA-ADRENERGIC BLOCKING AGENTS	\$ 269,485	\$ 241,423	\$ 287,420	\$ 798,328
159	VITAMIN D PREPARATIONS	\$ 234,316	\$ 272,339	\$ 280,605	\$ 787,260
160	TOPICAL/MUCOUS MEMBR./SUBCUT. ENZYMES	\$ 223,884	\$ 190,390	\$ 367,511	\$ 781,786
161	SYRINGES AND ACCESSORIES	\$ 324,176	\$ 252,267	\$ 185,394	\$ 761,837
162	ANDROGENIC AGENTS	\$ 375,384	\$ 277,199	\$ 95,967	\$ 748,550
163	ACNE AGENTS,TOPICAL	\$ 428,677	\$ 173,258	\$ 136,947	\$ 738,882
164	DURABLE MEDICAL EQUIPMENT,MISC(GROUP 1)	\$ 294,836	\$ 220,248	\$ 207,848	\$ 722,931
165	LHRH(GNRH) AGONIST ANALOG PITUITARY SUPPRESSANTS	\$ 188,271	\$ 276,071	\$ 249,844	\$ 714,186
166	INFLUENZA VIRUS VACCINES	\$ 288,152	\$ 276,725	\$ 138,667	\$ 703,544
167	ANAEROBIC ANTIPROTOZOAL-ANTIBACTERIAL AGENTS	\$ 197,298	\$ 227,603	\$ 277,594	\$ 702,496
168	ACNE AGENTS,SYSTEMIC	\$ 317,186	\$ 263,486	\$ 109,153	\$ 689,825
169	ANTIVIRALS, HIV-SPECIFIC, NON-NUCLEOSIDE, RTI	\$ 218,539	\$ 242,202	\$ 222,078	\$ 682,819
170	NEEDLES/NEEDLELESS DEVICES	\$ 261,973	\$ 227,231	\$ 184,179	\$ 673,383

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171	ANTI-INFLAMMATORY/ANTIARTHRITICS AGENTS, MISC.	\$ 417,760	\$ 206,031	\$ 34,938	\$ 658,729
172	AGTS TX NEUROMUSC TRANSMISSION DIS,POT-CHAN BLKR	\$ 245,223	\$ 161,675	\$ 243,221	\$ 650,119
173	EAR PREPARATIONS,ANTIBIOTICS	\$ 243,202	\$ 224,739	\$ 169,560	\$ 637,502
174	DRUGS TO TX GAUCHER DX-TYPE 1, SUBSTRATE REDUCING	\$ 624,485	\$ -	\$ -	\$ 624,485
175	ANTIPARKINSONISM DRUGS,OTHER	\$ 228,483	\$ 283,851	\$ 76,660	\$ 588,993
176	ALPHA-2 RECEPTOR ANTAGONIST ANTIDEPRESSANTS	\$ 230,064	\$ 233,338	\$ 113,534	\$ 576,936
177	PULMONARY ANTIHYPERTENSIVES, PROSTACYCLIN-TYPE	\$ 188,782	\$ 210,979	\$ 163,815	\$ 563,576
178	IMMUNOMODULATORS	\$ 58,893	\$ 462,731	\$ 32,667	\$ 554,291
179	ADRENERGIC VASOPRESSOR AGENTS	\$ 64,186	\$ 115,291	\$ 363,081	\$ 542,558
180	ANTIFIBROTIC THERAPY - PYRIDONE ANALOGS	\$ 85,373	\$ 143,014	\$ 306,051	\$ 534,439
181	QUINOLONES	\$ 204,591	\$ 180,979	\$ 142,047	\$ 527,618
182	ANTITUSSIVES,NON-NARCOTIC	\$ 222,566	\$ 172,742	\$ 129,410	\$ 524,718
183	ACE INHIBITOR/THIAZIDE & THIAZIDE-LIKE DIURETIC	\$ 198,850	\$ 161,634	\$ 163,694	\$ 524,178
184	ANTIHYPERTENSIVE, INSULIN-RELEASE STIMULANT TYPE	\$ 195,761	\$ 158,151	\$ 163,128	\$ 517,040
185	ANTIPARKINSONISM DRUGS,ANTICHOLINERGIC	\$ 144,181	\$ 147,939	\$ 205,473	\$ 497,593
186	ANALGESIC,NON-SALICYLATE,BARBITURATE,&XANTHINE CMB	\$ 178,855	\$ 173,727	\$ 144,941	\$ 497,523
187	EYE ANTIINFLAMMATORY AGENTS	\$ 175,816	\$ 170,241	\$ 146,339	\$ 492,396
188	ANTIHYPERTENSIVE,DPP-4 INHIBITOR & BIGUANIDE COMB	\$ 160,458	\$ 246,035	\$ 70,032	\$ 476,525
189	VITAMIN K PREPARATIONS	\$ 132,274	\$ 179,146	\$ 153,468	\$ 464,887
190	OPHTHALMIC ANTI-INFLAMMATORY IMMUNOMODULATOR-TYPE	\$ 152,220	\$ 176,596	\$ 134,990	\$ 463,806
191	TOPICAL LOCAL ANESTHETICS	\$ 257,093	\$ 141,536	\$ 64,703	\$ 463,332
192	ALKYLATING AGENTS	\$ 193,020	\$ 130,220	\$ 138,227	\$ 461,467
193	SMOKING DETERRENT AGENTS (GANGLIONIC STIM,OTHERS)	\$ 188,238	\$ 173,415	\$ 95,382	\$ 457,035
194	PSEUDOBULBAR AFFECT (PBA) AGENTS, NMDA ANTAGONISTS	\$ 208,476	\$ 76,266	\$ 154,192	\$ 438,934
195	TOPICAL ANTIVIRALS	\$ 174,453	\$ 150,725	\$ 113,648	\$ 438,826
196	ANTI-ULCER PREPARATIONS	\$ 248,951	\$ 112,810	\$ 69,464	\$ 431,225
197	ALPHA-ADRENERGIC BLOCKING AGENTS	\$ 139,789	\$ 220,339	\$ 59,319	\$ 419,448
198	EYE ANTIBIOTIC-CORTICOID COMBINATIONS	\$ 135,103	\$ 123,598	\$ 129,878	\$ 388,579
199	PARATHYROID HORMONES	\$ 53,653	\$ 105,748	\$ 228,091	\$ 387,492
200	SBS - GLUCAGON-LIKE PEPTIDE-2 (GLP-2) ANALOGS	\$ -	\$ -	\$ 379,722	\$ 379,722
201	PRENATAL VITAMIN PREPARATIONS	\$ 113,589	\$ 108,331	\$ 154,576	\$ 376,496
202	VASODILATORS,CORONARY	\$ 141,790	\$ 109,538	\$ 116,346	\$ 367,674
203	INTERLEUKIN-6 (IL-6) RECEPTOR INHIBITORS	\$ 132,751	\$ 73,611	\$ 155,783	\$ 362,145
204	PULMONARY ANTIHYPERTENSIVES	\$ 93,558	\$ -	\$ 267,686	\$ 361,244

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205	ANTI-INFLAM. INTERLEUKIN-1 RECEPTOR ANTAGONIST	\$ 72,067	\$ 154,735	\$ 133,556	\$ 360,358
206	HYPERURICEMIA TX - XANTHINE OXIDASE INHIBITORS	\$ 173,068	\$ 113,523	\$ 71,198	\$ 357,788
207	OVERACTIVE BLADDER AGENTS, BETA-3 ADRENERGIC RECEPTOR	\$ 205,339	\$ 116,911	\$ 34,947	\$ 357,197
208	POTASSIUM SPARING DIURETICS	\$ 147,408	\$ 123,555	\$ 85,222	\$ 356,185
209	FOLIC ACID PREPARATIONS	\$ 143,854	\$ 158,156	\$ 53,798	\$ 355,808
210	ANTICHOLINERGICS,QUATERNARY AMMONIUM	\$ 122,186	\$ 139,543	\$ 85,947	\$ 347,676
211	ANTICOAGULANTS,COUMARIN TYPE	\$ 132,670	\$ 111,839	\$ 87,834	\$ 332,343
212	CHOLINESTERASE INHIBITORS	\$ 141,921	\$ 109,255	\$ 76,998	\$ 328,174
213	ANTIHYPERLIPIDEMIC - APO B-100 SYNTHESIS INHIBITOR	\$ 324,917	\$ -	\$ -	\$ 324,917
214	METABOLIC DEFICIENCY AGENTS	\$ 56,060	\$ 243,933	\$ 24,198	\$ 324,191
215	ANGIOTENSIN RECEPTOR ANTAG./THIAZIDE DIURETIC COMB	\$ 105,606	\$ 110,659	\$ 107,413	\$ 323,678
216	ANTIVIRALS, HIV-SPEC., NUCLEOSIDE ANALOG, RTI COMB	\$ 70,225	\$ 90,113	\$ 151,833	\$ 312,172
217	HEMATINICS,OTHER	\$ 103,740	\$ 93,906	\$ 112,743	\$ 310,389
218	ANTIPSORIATICS AGENTS	\$ 182,786	\$ 100,169	\$ 26,646	\$ 309,601
219	BENIGN PROSTATIC HYPERTROPHY/MICTURITION AGENTS	\$ 131,738	\$ 92,371	\$ 78,834	\$ 302,944
220	PROGESTATIONAL AGENTS	\$ 147,262	\$ 102,767	\$ 46,195	\$ 296,224
221	ANTICHOLINERGICS/ANTISPASMODICS	\$ 102,857	\$ 109,410	\$ 78,182	\$ 290,449
222	DIABETIC SUPPLIES	\$ 113,500	\$ 93,071	\$ 83,213	\$ 289,784
223	CARBONIC ANHYDRASE INHIBITORS	\$ 112,618	\$ 94,221	\$ 72,681	\$ 279,520
224	BIPOLAR DISORDER DRUGS	\$ 91,249	\$ 117,716	\$ 70,296	\$ 279,262
225	CHRONIC INFLAM. COLON DX, 5-A-SALICYLAT,RECTAL TX	\$ 117,975	\$ 72,906	\$ 79,995	\$ 270,876
226	PLASMA KALLIKREIN INHIBITORS	\$ 270,743	\$ -	\$ -	\$ 270,743
227	DIETARY SUPPLEMENT, MISCELLANEOUS	\$ 150,817	\$ 84,570	\$ 26,600	\$ 261,987
228	ANTIARRHYTHMICS	\$ 116,235	\$ 92,817	\$ 46,424	\$ 255,475
229	DRUGS TO TREAT HEREDITARY TYROSINEMIA	\$ -	\$ -	\$ 253,845	\$ 253,845
230	FIBROMYALGIA AGENTS,SEROTONIN-NOREPINEPH RU INHIB	\$ 91,874	\$ 114,476	\$ 42,489	\$ 248,840
231	XANTHINES	\$ 136,267	\$ 48,090	\$ 60,791	\$ 245,148
232	ANTIVIRALS, HIV-SPECIFIC, PROTEASE INHIBITOR COMB	\$ 60,663	\$ 52,573	\$ 114,551	\$ 227,787
233	IRON REPLACEMENT	\$ 51,265	\$ 67,682	\$ 105,503	\$ 224,449
234	HEPATITIS C NUCLEOTIDE ANALOG NS5B POLY INHIB	\$ 220,853	\$ -	\$ -	\$ 220,853
235	POTASSIUM SPARING DIURETICS IN COMBINATION	\$ 43,400	\$ 50,435	\$ 122,968	\$ 216,803
236	CEPHALOSPORINS - 2ND GENERATION	\$ 96,423	\$ 64,345	\$ 55,227	\$ 215,995
237	ANTINEOPLASTIC - HEDGEHOG PATHWAY INHIBITOR	\$ 103,825	\$ -	\$ 103,827	\$ 207,652
238	ANALGESIC/ANTIPYRETICS,NON-SALICYLATE	\$ 34,863	\$ 78,140	\$ 93,799	\$ 206,802

TennCare - FY2019 Comptroller Report
Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
239	PHOSPHODIESTERASE-4 (PDE4) INHIBITORS	\$ 133,170	\$ 48,039	\$ 24,105	\$ 205,314
240	ANTIHYPERGLYCEMIC-GLUCOCORTICOID RECEPTOR BLOCKER	\$ -	\$ 204,222	\$ -	\$ 204,222
241	TOPICAL ANTI-INFLAMMATORY, NSAIDS	\$ 81,561	\$ 94,672	\$ 27,961	\$ 204,194
242	INFANT FORMULAS	\$ 115,316	\$ 58,993	\$ 25,001	\$ 199,310
243	ANTIVIRALS, HIV-SPECIFIC, NUCLEOSIDE ANALOG, RTI	\$ 33,788	\$ 71,379	\$ 93,570	\$ 198,737
244	HEPATITIS C TREATMENT AGENTS	\$ 93,719	\$ 86,301	\$ 17,457	\$ 197,477
245	URINARY TRACT ANESTHETIC/ANALGESIC AGNT (AZO-DYE)	\$ 76,883	\$ 71,261	\$ 48,840	\$ 196,984
246	ARGININE VASOPRESSIN (AVP) RECEPTOR ANTAGONISTS	\$ 193,736	\$ -	\$ 1,933	\$ 195,668
247	ANTIHYPERTENSIVES, VASODILATORS	\$ 57,003	\$ 41,271	\$ 97,141	\$ 195,415
248	SELECTIVE RETINOID X RECEPTOR AGONISTS (RXR)	\$ -	\$ -	\$ 195,339	\$ 195,339
249	ANTINEOPLASTIC - AROMATASE INHIBITORS	\$ 71,658	\$ 63,304	\$ 60,038	\$ 195,000
250	NSAID, COX INHIBITOR-TYPE & PROTON PUMP INHIB COMB	\$ 82,512	\$ 101,096	\$ 11,001	\$ 194,610
251	OPHTHALMIC CYSTINE DEPLETING AGENTS	\$ 70,231	\$ 111,260	\$ -	\$ 181,491
252	VAGINAL ANTIFUNGALS	\$ 60,670	\$ 60,991	\$ 58,493	\$ 180,155
253	BARBITURATES	\$ 89,417	\$ 45,539	\$ 44,523	\$ 179,478
254	ANTI-ULCER-H.PYLORI AGENTS	\$ 56,511	\$ 96,824	\$ 19,600	\$ 172,934
255	TOPICAL ANTINEOPLASTIC & PREMALIGNANT LESION AGNTS	\$ 15,510	\$ 39,086	\$ 109,385	\$ 163,981
256	DIGITALIS GLYCOSIDES	\$ 56,054	\$ 59,946	\$ 46,690	\$ 162,689
257	ANTIFIBRINOLYTIC AGENTS	\$ 94,717	\$ 23,952	\$ 42,964	\$ 161,633
258	HEPATITIS B TREATMENT AGENTS	\$ 66,644	\$ 54,879	\$ 36,312	\$ 157,835
259	BELLADONNA ALKALOIDS	\$ 94,282	\$ 42,858	\$ 17,847	\$ 154,987
260	NSAID & HISTAMINE H2 RECEPTOR ANTAGONIST COMB.	\$ 71,859	\$ 33,533	\$ 48,615	\$ 154,008
261	EYE ANTI-INFLAMMATORY AGENTS	\$ 34,347	\$ 53,952	\$ 63,842	\$ 152,140
262	ANTIDIARRHEALS	\$ 59,938	\$ 51,688	\$ 36,003	\$ 147,628
263	BRADYKININ B2 RECEPTOR ANTAGONISTS	\$ 28,596	\$ 60,622	\$ 57,191	\$ 146,409
264	NARCOTIC ANTAGONISTS	\$ 81,765	\$ 57,808	\$ 6,547	\$ 146,120
265	IRRITABLE BOWEL SYND. AGENT,5HT-3 ANTAGONIST-TYPE	\$ 50,072	\$ 39,439	\$ 52,262	\$ 141,773
266	COLCHICINE	\$ 42,212	\$ 61,134	\$ 37,732	\$ 141,078
267	ANTIVIRALS, HIV-SPECIFIC, CCR5 CO-RECEPTOR ANTAG.	\$ 16,447	\$ 66,034	\$ 56,230	\$ 138,711
268	DENTAL AIDS AND PREPARATIONS	\$ 52,392	\$ 41,901	\$ 43,545	\$ 137,838
269	TX FOR ADHD - SELECTIVE ALPHA-2A RECEPTOR AGONIST	\$ 43,591	\$ 74,454	\$ 16,751	\$ 134,796
270	NARCOLEPSY AND SLEEP DISORDER THERAPY AGENTS	\$ 77,018	\$ 39,218	\$ 16,933	\$ 133,168
271	C1 ESTERASE INHIBITORS	\$ 132,909	\$ -	\$ -	\$ 132,909
272	URINARY PH MODIFIERS	\$ 63,013	\$ 47,044	\$ 22,418	\$ 132,475

TennCare - FY2019 Comptroller Report
Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
273	GENERAL INHALATION AGENTS	\$ 57,926	\$ 45,422	\$ 27,412	\$ 130,760
274	INSULIN-LIKE GROWTH FACTOR-1 (IGF-1) HORMONES	\$ -	\$ -	\$ 130,145	\$ 130,145
275	ANTINEOPLASTICS,MISCELLANEOUS	\$ 55,847	\$ 26,315	\$ 47,110	\$ 129,272
276	SELECTIVE ESTROGEN RECEPTOR MODULATORS (SERM)	\$ 62,141	\$ 43,610	\$ 23,470	\$ 129,221
277	ANTILEPTOTICS	\$ 45,634	\$ 9,792	\$ 73,659	\$ 129,084
278	ANTI-ARTHRITIC AND CHELATING AGENTS	\$ -	\$ 125,825	\$ -	\$ 125,825
279	CARBAPENEMS (THIENAMYCINS)	\$ 45,388	\$ 31,140	\$ 48,878	\$ 125,407
280	LOCAL ANESTHETICS	\$ 65,098	\$ 41,696	\$ 18,602	\$ 125,397
281	KERATOLYTICS	\$ 42,489	\$ 36,746	\$ 43,076	\$ 122,311
282	SEDATIVE-HYPNOTICS, NON-BARBITURATE	\$ 44,960	\$ 44,324	\$ 32,965	\$ 122,249
283	ANTI-INFLAMMATORY, PYRIMIDINE SYNTHESIS INHIBITOR	\$ 51,046	\$ 43,484	\$ 26,844	\$ 121,373
284	INTESTINAL MOTILITY STIMULANTS	\$ 41,154	\$ 42,922	\$ 30,055	\$ 114,131
285	VANCOMYCIN AND DERIVATIVES	\$ 55,012	\$ 30,636	\$ 26,708	\$ 112,356
286	OXAZOLIDINONES	\$ 54,879	\$ 38,223	\$ 18,988	\$ 112,090
287	TOPICAL SULFONAMIDES	\$ 39,824	\$ 43,577	\$ 27,770	\$ 111,172
288	OXYTOCICS	\$ 42,053	\$ 30,951	\$ 31,250	\$ 104,255
289	NSAIDS,CYCLOOXYGENASE-2(COX-2) SELECTIVE INHIBITOR	\$ 41,527	\$ 41,125	\$ 20,286	\$ 102,938
290	PEDIATRIC VITAMIN PREPARATIONS	\$ 30,070	\$ 32,027	\$ 38,513	\$ 100,610
291	THROMBIN INHIBITORS,SELECTIVE,DIRECT, & REVERSIBLE	\$ 47,700	\$ 23,549	\$ 28,932	\$ 100,182
292	ANTIPROTOZOAL DRUGS,MISCELLANEOUS	\$ 35,460	\$ 3,474	\$ 59,497	\$ 98,431
293	ANTIANGINAL, HEART RATE REDUCING, I(F) INHIBITOR	\$ 37,650	\$ 24,556	\$ 35,898	\$ 98,105
294	AMYOTROPHIC LATERAL SCLEROSIS AGENTS	\$ 5,236	\$ 81,758	\$ 10,722	\$ 97,716
295	BONE RESORPTION INHIBITORS	\$ 47,223	\$ 26,931	\$ 22,549	\$ 96,703
296	HYPNOTICS, MELATONIN MT1/MT2 RECEPTOR AGONISTS	\$ 17,845	\$ 12,846	\$ 62,159	\$ 92,849
297	NUTRITIONAL THERAPY, MED COND SPECIAL FORMULATION	\$ 32,327	\$ 30,003	\$ 30,367	\$ 92,697
298	ANTIHYPERTENSIVES, MISCELLANEOUS	\$ 26,920	\$ 23,501	\$ 40,966	\$ 91,387
299	EXPECTORANTS	\$ 19,830	\$ 10,881	\$ 56,290	\$ 87,000
300	ANTITHYROID PREPARATIONS	\$ 27,737	\$ 22,945	\$ 35,279	\$ 85,962
301	MYDRIATICS	\$ 36,171	\$ 35,337	\$ 12,698	\$ 84,205
302	MU-OPIOID RECEPTOR ANTAGONISTS,PERIPHERALLY-ACTING	\$ 16,175	\$ 29,982	\$ 33,842	\$ 79,999
303	ANTIHYPERLIPIDEMIC - PCSK9 INHIBITORS	\$ 41,092	\$ 33,470	\$ 3,265	\$ 77,827
304	PROTEIN REPLACEMENT	\$ 46,873	\$ 28,153	\$ 2,653	\$ 77,679
305	PINEAL HORMONE AGENTS	\$ 28,297	\$ 34,276	\$ 14,817	\$ 77,390
306	ANTISEPTICS,GENERAL	\$ 31,329	\$ 17,020	\$ 28,554	\$ 76,903

TennCare - FY2019 Comptroller Report
Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
307	ANTIVIRALS, HIV-SPECIFIC, FUSION INHIBITORS	\$ -	\$ 31,194	\$ 41,573	\$ 72,768
308	HYPERURICEMIA TX - PURINE INHIBITORS	\$ 34,503	\$ 16,633	\$ 18,630	\$ 69,766
309	ANTISEBORRHEIC AGENTS	\$ 26,877	\$ 14,819	\$ 27,825	\$ 69,521
310	SOMATOSTATIC AGENTS	\$ 26,179	\$ 41,158	\$ 557	\$ 67,894
311	ANTI-ARTHRITIC, FOLATE ANTAGONIST AGENTS	\$ 15,429	\$ 50,471	\$ 1,217	\$ 67,117
312	BULK CHEMICALS	\$ 33,252	\$ 24,474	\$ 7,293	\$ 65,019
313	NON-NARCOTIC ANTITUSSIVE AND EXPECTORANT COMB.	\$ 10,810	\$ 18,046	\$ 35,614	\$ 64,471
314	EMOLLIENTS	\$ 22,833	\$ 26,257	\$ 9,080	\$ 58,171
315	ANTINEOPLASTIC - TOPOISOMERASE I INHIBITORS	\$ -	\$ 58,133	\$ -	\$ 58,133
316	PCSK9 INHIBITORS	\$ 7,574	\$ 21,630	\$ 26,832	\$ 56,036
317	APPETITE STIM. FOR ANOREXIA,CACHEXIA,WASTING SYND.	\$ 16,451	\$ 16,767	\$ 22,698	\$ 55,915
318	NOSE PREPARATIONS, MISCELLANEOUS (RX)	\$ 27,579	\$ 21,913	\$ 5,280	\$ 54,772
319	ANTIPSYCHOTICS,DOPAMINE ANTAGONISTS, THIOXANTHENES	\$ 29,095	\$ 14,289	\$ 8,649	\$ 52,033
320	EYE SULFONAMIDES	\$ 25,274	\$ 10,007	\$ 16,232	\$ 51,514
321	GROWTH HORMONE RECEPTOR ANTAGONISTS	\$ 50,477	\$ 806	\$ -	\$ 51,283
322	EAR PREPARATIONS, MISC. ANTI-INFECTIVES	\$ 32,387	\$ 10,376	\$ 8,479	\$ 51,242
323	5-LIPOXYGENASE INHIBITORS	\$ 23,405	\$ 6,268	\$ 21,288	\$ 50,960
324	MAST CELL STABILIZERS	\$ 31,325	\$ 12,568	\$ 5,809	\$ 49,702
325	2ND GEN ANTIHISTAMINE & DECONGESTANT COMBINATIONS	\$ 18,851	\$ 9,641	\$ 20,766	\$ 49,257
326	PITUITARY SUPPRESSIVE AGENTS	\$ 13,636	\$ 17,578	\$ 17,810	\$ 49,024
327	ANALGESICS, NARCOTIC AGONIST AND NSAID COMBINATION	\$ 7,879	\$ 12,304	\$ 27,744	\$ 47,927
328	MINERALOCORTICIDS	\$ 23,066	\$ 14,173	\$ 9,956	\$ 47,196
329	ANTIHYPERTENSIVE,THIAZOLIDINEDIONE(PPARG AGONIST)	\$ 17,195	\$ 17,659	\$ 12,191	\$ 47,045
330	FLUORIDE PREPARATIONS	\$ 12,224	\$ 29,471	\$ 4,500	\$ 46,196
331	NUTRITIONAL TX, PHENYLKETONURIA (PKU) FORMULATIONS	\$ 28,660	\$ 9,349	\$ 4,495	\$ 42,505
332	RECTAL PREPARATIONS	\$ 15,715	\$ 13,976	\$ 11,822	\$ 41,512
333	URINE ACETONE TEST AIDS	\$ 22,262	\$ 8,001	\$ 10,103	\$ 40,367
334	PARASYMPATHETIC AGENTS	\$ 23,657	\$ 6,647	\$ 9,943	\$ 40,247
335	ANTIPARASITICS	\$ 31,880	\$ 5,342	\$ 25	\$ 37,247
336	CYCLIC LIPOPEPTIDES	\$ 28,434	\$ 6,752	\$ -	\$ 35,186
337	SODIUM/SALINE PREPARATIONS	\$ 14,722	\$ 13,255	\$ 6,803	\$ 34,780
338	ANTIDIARRHEAL MICROORGANISMS AGENTS	\$ 14,666	\$ 12,930	\$ 4,516	\$ 32,112
339	IRRIGANTS	\$ 15,329	\$ 8,179	\$ 8,209	\$ 31,718
340	MULTIVITAMIN PREPARATIONS	\$ 20,992	\$ 4,499	\$ 5,014	\$ 30,505

TennCare - FY2019 Comptroller Report
Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
341	CHEMOTHERAPEUTICS, ANTIBACTERIAL, MISC.	\$ 19,649	\$ 8,193	\$ 2,467	\$ 30,309
342	ANTIHYPERGLYCEMIC,INSULIN-REL STIM.& BIGUANIDE CMB	\$ 9,353	\$ 6,548	\$ 12,994	\$ 28,895
343	ALZHEIMER'S THERAPY, NMDA RECEPTOR ANTAGONISTS	\$ 14,669	\$ 4,297	\$ 9,841	\$ 28,806
344	ANTINEOPLASTIC,HISTONE DEACETYLASE INHIBITORS,HDIS	\$ 17,428	\$ 2,451	\$ 7,994	\$ 27,874
345	ANTI-MYCOBACTERIUM AGENTS	\$ 7,538	\$ 10,388	\$ 9,782	\$ 27,708
346	MONOAMINE OXIDASE(MAO) INHIBITORS	\$ -	\$ 27,031	\$ -	\$ 27,031
347	SSRI & ANTIPSYCH,ATYP,DOPAMINE&SEROTONIN ANTAG CMB	\$ 21,532	\$ 5,071	\$ -	\$ 26,602
348	POLYMYXIN AND DERIVATIVES	\$ 9,305	\$ 11,495	\$ 4,828	\$ 25,627
349	THICKENING AGENTS, ORAL	\$ 3,566	\$ 3,549	\$ 18,049	\$ 25,164
350	CHEMOTHERAPY RESCUE/ANTIDOTE AGENTS	\$ 4,093	\$ 14,966	\$ 5,857	\$ 24,916
351	NOSE PREPARATIONS, MISCELLANEOUS (OTC)	\$ 2,799	\$ 4,776	\$ 17,099	\$ 24,674
352	IMMUNOMODULATOR,B-LYMPHOCYTE STIM(BLYS)-SPEC INHIB	\$ -	\$ -	\$ 24,006	\$ 24,006
353	HEMORRHOIDAL PREP,ANTI-INFLAM STEROID/LOCAL ANESTH	\$ 4,512	\$ 7,373	\$ 11,643	\$ 23,528
354	BETA-ADRENERGIC BLOCKING AGENTS/THIAZIDE & RELATED	\$ 7,166	\$ 6,260	\$ 10,069	\$ 23,495
355	IRRITABLE BOWEL SYNDROME AGENTS, 5-HT3 ANTAGONIST	\$ 9,948	\$ 2,658	\$ 10,736	\$ 23,342
356	TRICYCLIC ANTIDEPRESSANT/PHENOTHIAZINE COMBINATNS	\$ 7,848	\$ 11,290	\$ 3,833	\$ 22,971
357	VITAMIN B12 PREPARATIONS	\$ 9,749	\$ 7,956	\$ 3,443	\$ 21,149
358	POSTHERPETIC NEURALGIA AGENTS	\$ 4,654	\$ 1,248	\$ 14,698	\$ 20,600
359	ROSACEA AGENTS, TOPICAL	\$ 9,969	\$ 6,322	\$ 4,305	\$ 20,596
360	ANGIOTEN.RECEPTR ANTAG./CAL.CHANL BLKR/THIAZIDE CB	\$ 4,201	\$ 9,943	\$ 5,986	\$ 20,130
361	EYE ANTIVIRALS	\$ 9,644	\$ 4,783	\$ 5,295	\$ 19,723
362	SYMPATHOMIMETIC AGENTS	\$ 7,167	\$ 5,024	\$ 7,110	\$ 19,302
363	ANTIPSYCH,DOPAMINE ANTAG.,DIPHENYLBUTYLPIPERIDINES	\$ 3,637	\$ 12,359	\$ 3,073	\$ 19,069
364	DIABETIC ULCER PREPARATIONS,TOPICAL	\$ 6,992	\$ 6,007	\$ 6,057	\$ 19,056
365	STEROID ANTINEOPLASTICS	\$ 7,864	\$ 4,789	\$ 6,163	\$ 18,816
366	LAXATIVES, LOCAL/RECTAL	\$ 4,878	\$ 6,970	\$ 6,128	\$ 17,976
367	ANTIHYPERGLYCEMIC, INSULIN-RESPONSE ENHANCER (N-S)	\$ 4,145	\$ 10,419	\$ 2,598	\$ 17,162
368	ANTITUBERCULAR ANTIBIOTICS	\$ 5,124	\$ 5,449	\$ 5,760	\$ 16,333
369	ANTINEOPLASTIC LHRH(GNRH) AGONIST,PITUITARY SUPPR.	\$ 7,780	\$ 8,343	\$ -	\$ 16,123
370	ANALGESIC/ANTIPYRETICS, SALICYLATES	\$ 5,940	\$ 6,091	\$ 3,731	\$ 15,762
371	ANTI-INFLAMMATORY, INTERLEUKIN-1 BETA BLOCKERS	\$ 15,580	\$ -	\$ -	\$ 15,580
372	ANTINEOPLAST,HISTONE DEACETYLASE (HDAC) INHIBITORS	\$ -	\$ 15,548	\$ -	\$ 15,548
373	EYE ANTIBIOTIC AND GLUCOCORTICOID COMBINATIONS	\$ 4,059	\$ 6,591	\$ 4,781	\$ 15,431
374	GOLD SALTS	\$ -	\$ 14,977	\$ -	\$ 14,977

TennCare - FY2019 Comptroller Report
Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
375	HYPERPARATHYROID TX AGENTS - VITAMIN D ANALOG-TYPE	\$ 396	\$ 14,241	\$ 193	\$ 14,830
376	SMOKING DETERRENTS, OTHER	\$ 5,304	\$ 5,269	\$ 3,031	\$ 13,604
377	GRAM POSITIVE COCCI VACCINES	\$ 3,630	\$ 5,215	\$ 4,679	\$ 13,524
378	VITAMIN B PREPARATIONS	\$ 2,604	\$ 3,856	\$ 5,750	\$ 12,210
379	CEPHALOSPORINS - 4TH GENERATION	\$ 4,752	\$ 2,248	\$ 5,042	\$ 12,042
380	RENIN INHIBITOR, DIRECT	\$ 5,733	\$ 3,497	\$ 2,509	\$ 11,738
381	OPHTHALMIC MAST CELL STABILIZERS	\$ 1,554	\$ 6,107	\$ 3,442	\$ 11,102
382	TOPICAL GENITAL WART-HPV TREATMENT AGENTS	\$ -	\$ 1,211	\$ 8,413	\$ 9,624
383	ANTIHYPERLIP.HMG COA REDUCT INHIB&CHOLEST.AB.INHIB	\$ 700	\$ 6,098	\$ 2,084	\$ 8,882
384	ANALGESIC, NON-SALICYLATE & BARBITURATE COMB.	\$ 3,561	\$ 1,891	\$ 3,329	\$ 8,781
385	NSAIDS (COX NON-SPECIFIC INHIB)& PROSTAGLANDIN CMB	\$ 2,633	\$ 3,031	\$ 2,513	\$ 8,176
386	DRUGS TO TREAT IMPOTENCY	\$ 3,128	\$ -	\$ 4,815	\$ 7,944
387	ANTIHYPERGLYCEMIC,THIAZOLIDINEDIONE & BIGUANIDE	\$ 3,535	\$ 3,116	\$ 936	\$ 7,586
388	LOCAL ANORECTAL NITRATE PREPARATIONS	\$ 1,635	\$ 4,461	\$ 1,141	\$ 7,237
389	EYE PREPARATIONS, MISCELLANEOUS (OTC)	\$ 3,035	\$ 3,928	\$ 195	\$ 7,158
390	1ST GEN ANTIHISTAMINE & DECONGESTANT COMBINATIONS	\$ 512	\$ 4,289	\$ 2,307	\$ 7,108
391	ANTIHYPERGLYCEMIC, ALPHA-GLUCOSIDASE INHIBITORS	\$ 2,234	\$ 1,675	\$ 3,152	\$ 7,061
392	MAGNESIUM SALTS REPLACEMENT	\$ 2,284	\$ 2,680	\$ 1,988	\$ 6,952
393	GRAM (-) BACILLI (NON-ENTERIC) VACCINES	\$ 1,602	\$ 4,939	\$ 118	\$ 6,659
394	URICOSURIC AGENTS	\$ 2,258	\$ 1,878	\$ 2,492	\$ 6,628
395	SICKLE CELL ANEMIA AGENTS	\$ 6,481	\$ -	\$ -	\$ 6,481
396	ANGIOTENSIN RECEPTOR ANTGNST & CALC.CHANNEL BLOCKR	\$ 2,555	\$ 2,219	\$ 1,255	\$ 6,029
397	BLOOD TESTING PREPARATIONS,IN-VITRO	\$ 1,015	\$ 2,800	\$ 2,069	\$ 5,884
398	PLATELET REDUCING AGENTS	\$ 2,687	\$ 1,844	\$ 1,178	\$ 5,708
399	MAOIS - NON-SELECTIVE & IRREVERSIBLE	\$ -	\$ 3,208	\$ 2,306	\$ 5,514
400	ANTIHYPERGLYCEMIC - DOPAMINE RECEPTOR AGONISTS	\$ 4,702	\$ -	\$ 671	\$ 5,373
401	RECTAL/LOWER BOWEL PREP.,GLUCOCORT. (NON-HEMORR)	\$ 575	\$ 2,580	\$ 2,202	\$ 5,357
402	ANTACIDS	\$ 1,731	\$ 1,506	\$ 1,754	\$ 4,991
403	VIRAL/TUMORIGENIC VACCINES	\$ 1,379	\$ 1,485	\$ 2,125	\$ 4,988
404	HEMORRHEOLOGIC AGENTS	\$ 4,010	\$ 269	\$ 251	\$ 4,530
405	ANTIHYPERGLYCEMIC, ALPHA-GLUCOSIDASE INHIB (N-S)	\$ 1,275	\$ 252	\$ 2,973	\$ 4,500
406	SOLVENTS	\$ 825	\$ 1,525	\$ 1,978	\$ 4,328
407	VITAMIN E PREPARATIONS	\$ 2,517	\$ 1,616	\$ 164	\$ 4,298
408	VASODILATORS, COMBINATION	\$ -	\$ 284	\$ 3,642	\$ 3,925

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Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
409	CALCIUM REPLACEMENT	\$ 1,029	\$ 1,387	\$ 853	\$ 3,268
410	TOPICAL ANTI-INFLAMMATORY STEROID-LOCAL ANESTHETIC	\$ 636	\$ 1,272	\$ 1,254	\$ 3,161
411	FOLLICLE-STIMULATING HORMONE (FSH)	\$ -	\$ -	\$ 3,122	\$ 3,122
412	ANTIHYPERTENSIVE, DPP-4 ENZYME INHIB & THIAZOLIDINEDIONE	\$ 1,711	\$ 1,353	\$ -	\$ 3,065
413	NASAL ANTIHISTAMINE & ANTI-INFLAM. STEROID COMB.	\$ 176	\$ 1,643	\$ 1,058	\$ 2,877
414	TOPICAL VIT D ANALOG/ANTI-INFLAMMATORY STEROID	\$ 1,837	\$ 940	\$ -	\$ 2,777
415	PHOSPHATE REPLACEMENT	\$ 1,157	\$ 760	\$ 704	\$ 2,621
416	VACCINE/TOXOID PREPARATIONS, COMBINATIONS	\$ 373	\$ 487	\$ 1,604	\$ 2,463
417	ACE INHIBITOR/CALCIUM CHANNEL BLOCKER COMBINATION	\$ 2,271	\$ 51	\$ 118	\$ 2,441
418	VITAMIN B6 PREPARATIONS	\$ 529	\$ 1,016	\$ 845	\$ 2,391
419	TRICYCLIC ANTIDEPRESSANT/BENZODIAZEPINE COMBINATIONS	\$ 986	\$ 978	\$ 405	\$ 2,368
420	ALLERGENIC EXTRACTS, THERAPEUTICS	\$ -	\$ 2,368	\$ -	\$ 2,368
421	ANTIHYPERTENSIVE, INSULIN-RESP. ENHANCER & BIGUANIDE	\$ 262	\$ 1,090	\$ 950	\$ 2,303
422	ARTIFICIAL TEARS	\$ 604	\$ 1,206	\$ 455	\$ 2,265
423	ANTIHYPERTENSIVE, THIAZOLIDINEDIONE & SULFONYLUREA	\$ 1,786	\$ -	\$ 333	\$ 2,119
424	2ND GEN. ANAEROBIC ANTIPROTOZOAL-ANTIBACTERIAL	\$ 591	\$ 611	\$ 902	\$ 2,103
425	TOPICAL PREPARATIONS, ANTIBACTERIALS	\$ 217	\$ 138	\$ 1,380	\$ 1,735
426	BONE RESORPTION INHIBITOR & VITAMIN D COMBINATIONS	\$ 1,386	\$ 338	\$ -	\$ 1,724
427	FAT ABSORPTION DECREASING AGENTS	\$ -	\$ -	\$ 1,693	\$ 1,693
428	ANTIHYPERTENSIVE, AMYLIN ANALOG-TYPE	\$ 1,579	\$ -	\$ -	\$ 1,579
429	GLYCYLCYCLES	\$ 1,475	\$ -	\$ -	\$ 1,475
430	TOPICAL HEMOSTATICS	\$ -	\$ -	\$ 1,402	\$ 1,402
431	FOLLICLE STIM./LUTEINIZING HORMONES	\$ -	\$ -	\$ 1,398	\$ 1,398
432	EAR PREPARATIONS ANTI-INFLAMMATORY	\$ 251	\$ 776	\$ 251	\$ 1,278
433	ELECTROLYTE MAINTENANCE	\$ 1,209	\$ 55	\$ -	\$ 1,264
434	URINE TEST AIDS, MISCELLANEOUS	\$ 318	\$ 790	\$ 41	\$ 1,149
435	PROTECTIVES	\$ 694	\$ 304	\$ 125	\$ 1,123
436	IV SOLUTIONS: DEXTROSE-SALINE	\$ 361	\$ 324	\$ 429	\$ 1,114
437	TOPICAL ANTISEPTIC DRYING AGENTS	\$ 101	\$ 320	\$ 638	\$ 1,059
438	CYTOCHROME P450 INHIBITORS	\$ -	\$ 1,038	\$ -	\$ 1,038
439	IODINE CONTAINING AGENTS	\$ 281	\$ 88	\$ 573	\$ 942
440	VITAMIN A DERIVATIVES, TOPICAL ACNE AGENTS	\$ 887	\$ -	\$ -	\$ 887
441	EYE LOCAL ANESTHETICS	\$ 627	\$ 185	\$ 38	\$ 850
442	VITAMIN C PREPARATIONS	\$ 249	\$ 415	\$ 145	\$ 809

TennCare - FY2019 Comptroller Report
Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
443	WATER	\$ 210	\$ 363	\$ 181	\$ 754
444	2ND GEN ANTIHISTAMINE-DECONGESTANT	\$ 478	\$ 201	\$ 73	\$ 752
445	ANTI-OBESITY SEROTONIN 2C RECEPTOR AGONISTS	\$ 237	\$ 242	\$ 261	\$ 740
446	ANALGESIC, SALICYLATE, BARBITURATE,& XANTHINE CMB	\$ 664	\$ 51	\$ -	\$ 714
447	ESTROGEN & PROGESTIN WITH ANTIMINERALOCORTICOID CB	\$ -	\$ -	\$ 674	\$ 674
448	GASTRIC ENZYMES	\$ 131	\$ 502	\$ 33	\$ 666
449	AMEBICIDES	\$ 147	\$ 255	\$ 245	\$ 648
450	DURABLE MEDICAL EQUIPMENT,MISCELLANEOUS	\$ 424	\$ 139	\$ -	\$ 563
451	ANTIPRURITICS, TOPICAL	\$ -	\$ 534	\$ -	\$ 534
452	IV SOLUTIONS: DEXTROSE-WATER	\$ 153	\$ 41	\$ 301	\$ 495
453	NON-NARC ANTITUSSIVE-1ST GEN ANTIHISTAMINE COMB.	\$ 357	\$ 47	\$ 91	\$ 494
454	VITAMIN A PREPARATIONS	\$ 196	\$ 108	\$ 131	\$ 435
455	ESTROGEN/ANDROGEN COMBINATIONS	\$ 350	\$ 73	\$ -	\$ 422
456	TOPICAL ANTIFUNGAL/ANTI-INFLAMMATORY, STEROID AGENT	\$ 102	\$ 99	\$ 187	\$ 387
457	NON-NARC ANTITUSS-1ST GEN. ANTIHISTAMINE-DECONGEST	\$ 65	\$ 65	\$ 252	\$ 382
458	ANTIPLATULENTS	\$ 227	\$ 107	\$ 19	\$ 353
459	VITAMIN B2 PREPARATIONS	\$ 8	\$ 253	\$ 49	\$ 310
460	FERTILITY STIMULATING PREPARATIONS, NON-FSH	\$ 13	\$ 68	\$ 219	\$ 299
461	ANTIPERSPIRANTS	\$ 131	\$ 119	\$ -	\$ 250
462	BICARBONATE PRODUCING/CONTAINING AGENTS	\$ 60	\$ 189	\$ -	\$ 249
463	FOOD OILS	\$ 234	\$ -	\$ -	\$ 234
464	EYE VASOCONSTRICTORS (RX ONLY)	\$ 220	\$ -	\$ -	\$ 220
465	EYE MAST CELL STABILIZERS	\$ -	\$ 91	\$ 81	\$ 173
466	NASAL MAST CELL STABILIZERS	\$ -	\$ -	\$ 147	\$ 147
467	OXIDIZING AGENTS	\$ -	\$ 17	\$ 114	\$ 131
468	NARCOTIC ANTITUSS-DECONGESTANT-EXPECTORANT COMB	\$ -	\$ -	\$ 128	\$ 128
469	EAR PREPARATIONS, EAR WAX REMOVERS	\$ 27	\$ 20	\$ 57	\$ 104
470	OPHTHALMIC PREPARATIONS, MISCELLANEOUS	\$ 89	\$ 9	\$ -	\$ 99
471	PERIODONTAL COLLAGENASE INHIBITORS	\$ 13	\$ -	\$ 70	\$ 84
472	HEMORRHOIDAL PREPARATIONS	\$ -	\$ 84	\$ -	\$ 84
473	OINTMENT/CREAM BASES	\$ 29	\$ 28	\$ 23	\$ 80
474	ZINC REPLACEMENT	\$ 42	\$ 18	\$ -	\$ 60
475	ANTI-OBESITY - ANOREXIC AGENTS	\$ 57	\$ -	\$ -	\$ 57
476	HYPERTRICHOTIC AGENTS, SYSTEMIC/INCL. COMBINATIONS	\$ 11	\$ 27	\$ 15	\$ 53

TennCare - FY2019 Comptroller Report
 Pharmacy Therapeutic Class by Region

Exhibit 7d

Rank	Therapeutic Class	Apr 2017 - Mar 2018			
		East	Middle	West	Statewide
477	PANTHENOL PREPARATIONS	\$ -	\$ 28	\$ -	\$ 28
478	IV SOLUTIONS: DEXTROSE AND LACTATED RINGERS	\$ -	\$ 22	\$ -	\$ 22
479	VITAMIN B1 PREPARATIONS	\$ -	\$ 21	\$ -	\$ 21
480	URINE GLUCOSE/ACETONE TEST AIDS,STRIPS	\$ 20	\$ -	\$ -	\$ 20
481	TOPICAL AGENTS,MISCELLANEOUS	\$ -	\$ -	\$ 18	\$ 18
482	NASAL MAST CELL STABILIZERS AGENTS	\$ -	\$ -	\$ 15	\$ 15
483	NARCOTIC ANTITUSSIVE-1ST GENERATION ANTIHISTAMINE	\$ -	\$ -	\$ 11	\$ 11
484	ADRENERGIC AGENTS,CATECHOLAMINES	\$ -	\$ 10	\$ -	\$ 10
485	DIAGNOSTIC PREPARATIONS,MISCELLANEOUS	\$ -	\$ -	\$ -	\$ -
486	HYPOPIGMENTATION AGENTS	\$ -	\$ -	\$ -	\$ -
487	NARC.& NON-SAL.ANALGESIC,BARBITURATE &XANTHINE CMB	\$ -	\$ -	\$ -	\$ -
488	TOPICAL PREPARATIONS,MISCELLANEOUS	\$ -	\$ -	\$ -	\$ -
489	VEHICLES	\$ -	\$ -	\$ -	\$ -
	Total	\$ 447,839,621	\$ 371,947,937	\$ 276,112,665	\$ 1,095,900,224

TennCare - FY2019 Comptroller Report
 Top 25 Therapeutic Classes by Paid Total and Rate cell
 Apr 2017 - Mar 2018

Exhibit 7e

Aid Category	Age	Gender	ORDER	THERAPEUTIC_CLASS	Total
Disabled	Age <21	Both	1	ANTICONVULSANTS	\$ 17,682,856
			2	ANTIHEMOPHILIC FACTORS	\$ 7,005,229
			3	GROWTH HORMONES	\$ 6,427,335
			4	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 6,408,346
			5	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 5,368,997
			6	CYSTIC FIB.TRANSMEMB CONDUCT.REG.(CFTR)POTENTIATOR	\$ 4,715,319
			7	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 4,602,009
			8	ANTIVIRAL MONOCLONAL ANTIBODIES	\$ 4,501,807
			9	NAME UNAVAILABLE	\$ 3,552,088
			10	GLUCOCORTICIDS	\$ 2,307,426
			11	MUCOLYTICS	\$ 2,213,135
			12	FACTOR IX PREPARATIONS	\$ 2,201,623
			13	PANCREATIC ENZYMES	\$ 1,992,024
			14	INSULINS	\$ 1,945,095
			15	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	\$ 1,446,944
			16	BETA-ADRENERGIC AGENTS	\$ 1,367,694
			17	AMMONIA INHIBITORS	\$ 1,361,998
			18	BILE SALTS	\$ 1,282,125
			19	KIDNEY STONE AGENTS	\$ 1,261,218
			20	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	\$ 1,255,104
			21	METALLIC POISON,AGENTS TO TREAT	\$ 1,233,871
			22	PROTON-PUMP INHIBITORS	\$ 1,169,170
			23	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 1,076,593
			24	AMINOGLYCOSIDES	\$ 968,039
			25	ANTIVIRALS, GENERAL	\$ 887,788
Both Total					\$ 84,233,833
Age <21 Total					\$ 84,233,833
Disabled	Age 21+	Both	1	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 38,439,769
			2	INSULINS	\$ 37,299,376
			3	ANTICONVULSANTS	\$ 32,039,304
			4	ANTIHEMOPHILIC FACTORS	\$ 18,168,597
			5	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	\$ 17,762,852
			6	NAME UNAVAILABLE	\$ 15,933,235
			7	ANALGESICS, NARCOTICS	\$ 15,515,505
			8	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 13,374,841
			9	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	\$ 12,957,006
			10	AGENTS TO TREAT MULTIPLE SCLEROSIS	\$ 12,157,374
			11	ANTIVIRALS,HIV-1 INTEGRASE STRAND TRANSFER INHIBTR	\$ 8,751,937
			12	BETA-ADRENERGIC AGENTS	\$ 8,607,041
			13	GENERAL BRONCHODILATOR AGENTS	\$ 8,468,441
			14	BLOOD SUGAR DIAGNOSTICS	\$ 6,965,688
			15	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	\$ 6,781,697
			16	ARV CMB-NRTI,N(T)RTI, INTEGRASE INHIBITOR	\$ 5,972,436
			17	ANTIHYPERTGLY,INCRETIN MIMETIC(GLP-1 RECEPT.AGONIST)	\$ 5,564,115
			18	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 5,244,219
			19	ANTIVIRALS, HIV-SPEC, NUCLEOSIDE-NUCLEOTIDE ANALOG	\$ 4,532,797
			20	ANTIHYPERTGLYCEMIC, DPP-4 INHIBITORS	\$ 3,941,203
			21	ARTV CMB NUCLEOSIDE,NUCLEOTIDE,&NON-NUCLEOSIDE RTI	\$ 3,940,046
			22	PROTON-PUMP INHIBITORS	\$ 3,860,748
			23	DIRECT FACTOR XA INHIBITORS	\$ 3,706,281
			24	ANTIVIRALS, HIV-SPEC, NON-PEPTIDIC PROTEASE INHIB	\$ 3,625,767
			25	METALLIC POISON,AGENTS TO TREAT	\$ 3,448,337
Both Total					\$ 297,058,611
Age 21+ Total					\$ 297,058,611
Disabled Total					\$ 381,292,444

TennCare - FY2019 Comptroller Report
 Top 25 Therapeutic Classes by Paid Total and Rate cell
 Apr 2017 - Mar 2018

Exhibit 7e

Aid Category	Age	Gender	ORDER	THERAPEUTIC_CLASS	Total
Duals/Waiver Duals	All Ages	Both	1	INSULINS	\$ 301,223
			2	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	\$ 297,276
			3	ANTICONVULSANTS	\$ 160,234
			4	ANTIPSYCHOTICS, ATYPICAL, DOPAMINE, & SEROTONIN ANTAG	\$ 152,731
			5	NAME UNAVAILABLE	\$ 102,997
			6	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 102,141
			7	AGENTS TO TREAT MULTIPLE SCLEROSIS	\$ 72,167
			8	ANALGESICS, NARCOTICS	\$ 70,712
			9	BLOOD SUGAR DIAGNOSTICS	\$ 64,614
			10	ELECTROLYTE DEPLETERS	\$ 60,747
			11	GENERAL BRONCHODILATOR AGENTS	\$ 57,387
			12	ANTIANDROGENIC AGENTS	\$ 56,246
			13	BETA-ADRENERGIC AGENTS	\$ 55,648
			14	ANTINEOPLASTIC IMMUNOMODULATOR AGENTS	\$ 53,814
			15	PULMONARY ANTI-HTN, ENDOTHELIN RECEPTOR ANTAGONIST	\$ 49,084
			16	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	\$ 48,295
			17	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 33,169
			18	ANTIHYPERTENSIVE, INCRETIN MIMETIC (GLP-1 RECEPTOR AGONIST)	\$ 31,192
			19	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	\$ 30,841
			20	ANTIVIRALS, HIV-1 INTEGRASE STRAND TRANSFER INHIBITR	\$ 28,562
			21	ANTIHYPERTENSIVE, DPP-4 INHIBITORS	\$ 27,459
			22	DIRECT FACTOR XA INHIBITORS	\$ 25,567
			23	RIFAMYCINS AND RELATED DERIVATIVE ANTIBIOTICS	\$ 23,521
			24	ARV CMB-NRTI, N(T)RTI, INTEGRASE INHIBITOR	\$ 21,917
			25	PROTON-PUMP INHIBITORS	\$ 20,671
		Both Total			\$ 1,948,217
	All Ages Total				\$ 1,948,217
Duals/Waiver Duals Total					\$ 1,948,217
TANF & Related	Age Under 1	Both	1	ANTIVIRAL MONOCLONAL ANTIBODIES	\$ 1,412,952
			2	ANTIVIRALS, GENERAL	\$ 700,409
			3	ADRENOCORTICOTROPIC HORMONES	\$ 677,915
			4	BETA-ADRENERGIC AGENTS	\$ 483,431
			5	GLUCOCORTICOIDS	\$ 472,390
			6	PENICILLINS	\$ 467,683
			7	CEPHALOSPORINS - 3RD GENERATION	\$ 461,188
			8	TOPICAL ANTIFUNGALS	\$ 350,718
			9	TOPICAL ANTI-INFLAMMATORY STEROIDAL	\$ 305,079
			10	PROTON-PUMP INHIBITORS	\$ 286,165
			11	OTIC PREPARATIONS, ANTI-INFLAMMATORY-ANTIBIOTICS	\$ 274,182
			12	OPHTHALMIC ANTIBIOTICS	\$ 249,085
			13	MACROLIDES	\$ 199,212
			14	ANTICONVULSANTS	\$ 196,087
			15	HISTAMINE H2-RECEPTOR INHIBITORS	\$ 189,073
			16	LEUKOTRIENE RECEPTOR ANTAGONISTS	\$ 178,265
			17	GLUCOCORTICOIDS, ORALLY INHALED	\$ 151,497
			18	INFANT FORMULAS	\$ 142,093
			19	ANTIFUNGAL ANTIBIOTICS	\$ 118,448
			20	ANTIHISTAMINES - 2ND GENERATION	\$ 116,485
			21	MUCOLYTICS	\$ 115,509
			22	AMMONIA INHIBITORS	\$ 109,868
			23	NAME UNAVAILABLE	\$ 104,388
			24	VAGINAL ESTROGEN PREPARATIONS	\$ 95,553
			25	TOPICAL ANTIPARASITICS	\$ 72,130
		Both Total			\$ 7,929,804

TennCare - FY2019 Comptroller Report
 Top 25 Therapeutic Classes by Paid Total and Rate cell
 Apr 2017 - Mar 2018

Exhibit 7e

Aid Category	Age	Gender	ORDER	THERAPEUTIC_CLASS	Total
	Age Under 1 Total				\$ 7,929,804
	Ages 1 - 13	Both	1	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 28,264,523
			2	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 25,389,633
			3	ANTIVIRALS, GENERAL	\$ 11,742,104
			4	BETA-ADRENERGIC AGENTS	\$ 9,517,647
			5	GLUCOCORTICOIDS	\$ 8,727,062
			6	GROWTH HORMONES	\$ 6,165,173
			7	TOPICAL ANTIPARASITICS	\$ 6,047,279
			8	NAME UNAVAILABLE	\$ 5,071,352
			9	ANTICONVULSANTS	\$ 4,876,871
			10	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	\$ 4,797,917
			11	CEPHALOSPORINS - 3RD GENERATION	\$ 4,317,794
			12	GLUCOCORTICOIDS, ORALLY INHALED	\$ 3,946,313
			13	OTIC PREPARATIONS,ANTI-INFLAMMATORY-ANTIBIOTICS	\$ 3,723,865
			14	PENICILLINS	\$ 3,678,999
			15	INSULINS	\$ 3,494,939
			16	ANTIHISTAMINES - 2ND GENERATION	\$ 2,755,608
			17	ANAPHYLAXIS THERAPY AGENTS	\$ 2,681,537
			18	ANTIHEMOPHILIC FACTORS	\$ 2,465,130
			19	EYE ANTIHISTAMINES	\$ 2,280,267
			20	LEUKOTRIENE RECEPTOR ANTAGONISTS	\$ 2,193,675
			21	MACROLIDES	\$ 2,046,753
			22	TOPICAL ANTI-INFLAMMATORY STEROIDAL	\$ 1,826,151
			23	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 1,761,629
			24	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 1,696,344
			25	BLOOD SUGAR DIAGNOSTICS	\$ 1,369,349
	Both Total				\$ 150,837,916
	Ages 1 - 13 Total				\$ 150,837,916
	Ages 14 - 20	Female	1	INSULINS	\$ 3,798,492
			2	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 3,712,419
			3	CONTRACEPTIVES,ORAL	\$ 3,404,562
			4	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 2,597,002
			5	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 2,290,347
			6	BETA-ADRENERGIC AGENTS	\$ 1,800,252
			7	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 1,676,233
			8	CONTRACEPTIVES,IMPLANTABLE	\$ 1,406,928
			9	ANTIEMETIC/ANTIVERTIGO AGENTS	\$ 1,296,117
			10	GLUCOCORTICOIDS	\$ 1,063,793
			11	ANTICONVULSANTS	\$ 1,026,516
			12	CONTRACEPTIVES,INJECTABLE	\$ 978,146
			13	ANTIVIRALS, GENERAL	\$ 961,997
			14	BLOOD SUGAR DIAGNOSTICS	\$ 916,096
			15	INTRA-UTERINE DEVICES (IUDS)	\$ 799,854
			16	PKU TX AGENT-COFACTOR OF PHENYLALANINE HYDROXYLASE	\$ 774,538
			17	CYSTIC FIB.TRANSMEMB CONDUCT.REG.(CFTR)POTENTIATOR	\$ 763,445
			18	GROWTH HORMONES	\$ 707,652
			19	CONTRACEPTIVES,TRANSDERMAL	\$ 655,082
			20	TOPICAL ANTIPARASITICS	\$ 627,592
			21	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	\$ 626,644
			22	VITAMIN A DERIVATIVES	\$ 541,328
			23	SELECTIVE SEROTONIN REUPTAKE INHIBITOR (SSRIS)	\$ 461,498
			24	ANAPHYLAXIS THERAPY AGENTS	\$ 459,525
			25	NSAIDS, CYCLOOXYGENASE INHIBITOR - TYPE	\$ 448,492
	Female Total				\$ 33,794,551

TennCare - FY2019 Comptroller Report
 Top 25 Therapeutic Classes by Paid Total and Rate cell
 Apr 2017 - Mar 2018

Exhibit 7e

Aid Category	Age	Gender	ORDER	THERAPEUTIC_CLASS	Total
		Male	1	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 6,961,632
			2	ANTIHEMOPHILIC FACTORS	\$ 4,387,912
			3	INSULINS	\$ 3,824,903
			4	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 3,582,225
			5	GROWTH HORMONES	\$ 2,345,224
			6	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 1,939,932
			7	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 1,915,669
			8	BETA-ADRENERGIC AGENTS	\$ 1,579,563
			9	FACTOR IX PREPARATIONS	\$ 1,213,169
			10	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	\$ 1,095,656
			11	ANTICONVULSANTS	\$ 1,046,286
			12	GLUCOCORTICIDS	\$ 995,356
			13	BLOOD SUGAR DIAGNOSTICS	\$ 757,346
			14	ANTIVIRALS, GENERAL	\$ 691,862
			15	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	\$ 484,307
			16	ANTIDIURETIC AND VASOPRESSOR HORMONES	\$ 470,984
			17	PKU TX AGENT-COFACTOR OF PHENYLALANINE HYDROXYLASE	\$ 455,200
			18	GLUCOCORTICIDS, ORALLY INHALED	\$ 415,188
			19	VITAMIN A DERIVATIVES	\$ 414,998
			20	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 404,013
			21	ANTISERA	\$ 394,008
			22	ANTINEOPLASTIC - MTOR KINASE INHIBITORS	\$ 391,697
			23	ACNE AGENTS,SYSTEMIC	\$ 379,940
			24	CYSTIC FIB.TRANSMEMB CONDUCT.REG.(CFTR)POTENTIATOR	\$ 362,503
			25	ANAPHYLAXIS THERAPY AGENTS	\$ 350,875
		Male Total			\$ 36,860,449
	Ages 14 - 20 Total				\$ 70,655,000
	Ages 21 - 44	Female	1	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 12,835,234
			2	INSULINS	\$ 11,972,148
			3	ANTICONVULSANTS	\$ 9,448,138
			4	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 9,042,603
			5	AGENTS TO TREAT MULTIPLE SCLEROSIS	\$ 6,217,339
			6	CONTRACEPTIVES,ORAL	\$ 5,114,639
			7	BETA-ADRENERGIC AGENTS	\$ 4,644,252
			8	ANALGESICS, NARCOTICS	\$ 4,555,497
			9	ANTIEMETIC/ANTIVERTIGO AGENTS	\$ 4,412,613
			10	NAME UNAVAILABLE	\$ 3,709,039
			11	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 3,449,338
			12	INTRA-UTERINE DEVICES (IUDS)	\$ 3,375,216
			13	BLOOD SUGAR DIAGNOSTICS	\$ 3,144,931
			14	ANTI-ALCOHOLIC PREPARATIONS	\$ 2,930,386
			15	ANTIHYPERGLY,INCRETIN MIMETIC(GLP-1 RECEPTOR AGONIST)	\$ 2,927,348
			16	ANTIVIRALS,HIV-1 INTEGRASE STRAND TRANSFER INHIBTR	\$ 2,564,318
			17	NARCOTIC WITHDRAWAL THERAPY AGENTS	\$ 2,434,348
			18	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	\$ 2,333,100
			19	ARV CMB-NRTI,N(T)RTI, INTEGRASE INHIBITOR	\$ 2,292,445
			20	CONTRACEPTIVES,IMPLANTABLE	\$ 2,219,311
			21	ANTIVIRALS, GENERAL	\$ 2,207,207
			22	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	\$ 1,987,403
			23	ARTV CMB NUCLEOSIDE,NUCLEOTIDE,&NON-NUCLEOSIDE RTI	\$ 1,926,749
			24	GLUCOCORTICIDS	\$ 1,868,079
			25	NSAIDS, CYCLOOXYGENASE INHIBITOR - TYPE	\$ 1,656,452
		Female Total			\$ 109,268,132

TennCare - FY2019 Comptroller Report
 Top 25 Therapeutic Classes by Paid Total and Rate cell
 Apr 2017 - Mar 2018

Exhibit 7e

Aid Category	Age	Gender	ORDER	THERAPEUTIC_CLASS	Total
		Male	1	INSULINS	\$ 3,920,142
			2	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 3,019,749
			3	ANTICONVULSANTS	\$ 1,920,900
			4	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 1,310,346
			5	ANALGESICS, NARCOTICS	\$ 1,220,168
			6	NAME UNAVAILABLE	\$ 1,162,457
			7	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	\$ 1,106,904
			8	AGENTS TO TREAT MULTIPLE SCLEROSIS	\$ 1,055,754
			9	ANTI-ALCOHOLIC PREPARATIONS	\$ 873,220
			10	ANTIHEMOPHILIC FACTORS	\$ 857,848
			11	BETA-ADRENERGIC AGENTS	\$ 835,407
			12	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	\$ 817,985
			13	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 720,818
			14	ANTIHYPERTGLY,INCRETIN MIMETIC(GLP-1 RECEPT.AGONIST)	\$ 656,830
			15	NARCOTIC WITHDRAWAL THERAPY AGENTS	\$ 608,521
			16	BLOOD SUGAR DIAGNOSTICS	\$ 600,507
			17	ANTIVIRALS,HIV-1 INTEGRASE STRAND TRANSFER INHIBTR	\$ 581,029
			18	PROTON-PUMP INHIBITORS	\$ 483,854
			19	ARV CMB-NRTI,N(T)RTI, INTEGRASE INHIBITOR	\$ 467,780
			20	SMOKING DETERRENT-NICOTINIC RECEPT.PARTIAL AGONIST	\$ 354,480
			21	ANTIHYPERTGLYCEMIC, DPP-4 INHIBITORS	\$ 339,072
			22	GLUCOCORTICOIDS	\$ 338,708
			23	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 313,171
			24	ANTIVIRALS, GENERAL	\$ 303,346
			25	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	\$ 287,597
		Male Total			\$ 24,156,594
	Ages 21 - 44 Total				\$ 133,424,726
	Ages 45 - 64	Both	1	INSULINS	\$ 9,418,531
			2	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 5,763,464
			3	ANTICONVULSANTS	\$ 3,991,799
			4	NAME UNAVAILABLE	\$ 3,072,067
			5	ANALGESICS, NARCOTICS	\$ 3,060,710
			6	ANTIHYPERTGLY,INCRETIN MIMETIC(GLP-1 RECEPT.AGONIST)	\$ 2,901,863
			7	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	\$ 2,433,744
			8	AGENTS TO TREAT MULTIPLE SCLEROSIS	\$ 2,243,120
			9	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 2,173,908
			10	BETA-ADRENERGIC AGENTS	\$ 2,163,515
			11	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	\$ 2,020,524
			12	ANTIHYPERTGLYCEMIC, DPP-4 INHIBITORS	\$ 1,827,867
			13	BLOOD SUGAR DIAGNOSTICS	\$ 1,780,293
			14	GENERAL BRONCHODILATOR AGENTS	\$ 1,395,769
			15	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 1,187,359
			16	PROTON-PUMP INHIBITORS	\$ 1,041,874
			17	ANTIVIRALS,HIV-1 INTEGRASE STRAND TRANSFER INHIBTR	\$ 896,582
			18	ANTIHYPERTGLYCEMIC-SOD/GLUC COTRANSPORT2(SGLT2)INHIB	\$ 850,527
			19	GLUCOCORTICOIDS	\$ 804,099
			20	DIRECT FACTOR XA INHIBITORS	\$ 797,582
			21	ANTIHYPERTGLY, (DPP-4) INHIBITOR & BIGUANIDE COMB.	\$ 720,859
			22	ARV CMB-NRTI,N(T)RTI, INTEGRASE INHIBITOR	\$ 695,440
			23	ANTINEOPLASTIC IMMUNOMODULATOR AGENTS	\$ 668,333
			24	ARTV CMB NUCLEOSIDE,NUCLEOTIDE,&NON-NUCLEOSIDE RTI	\$ 663,247
			25	ANTIHYPERTLIPIDEMIC - HMG COA REDUCTASE INHIBITORS	\$ 613,944
		Both Total			\$ 53,187,020
	Ages 45 - 64 Total				\$ 53,187,020

TennCare - FY2019 Comptroller Report
 Top 25 Therapeutic Classes by Paid Total and Rate cell
 Apr 2017 - Mar 2018

Exhibit 7e

Aid Category	Age	Gender	ORDER	THERAPEUTIC_CLASS	Total
	Ages 65 & Over	Both	1	INSULINS	\$ 213,965
			2	DIRECT FACTOR XA INHIBITORS	\$ 54,779
			3	ANTICONVULSANTS	\$ 53,071
			4	NAME UNAVAILABLE	\$ 50,194
			5	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	\$ 46,195
			6	BLOOD SUGAR DIAGNOSTICS	\$ 39,720
			7	GENERAL BRONCHODILATOR AGENTS	\$ 38,241
			8	ANTIHYPERTENSIVE, DPP-4 INHIBITORS	\$ 38,196
			9	ANTINEOPLASTIC IMMUNOMODULATOR AGENTS	\$ 36,512
			10	ANTIHYPERTENSIVE, (DPP-4) INHIBITOR & BIGUANIDE COMB.	\$ 34,517
			11	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	\$ 24,855
			12	BETA-ADRENERGIC AGENTS	\$ 22,819
			13	ANTIPSYCHOTICS, ATYPICAL, DOPAMINE, & SEROTONIN ANTAG	\$ 22,379
			14	ANTIHYPERTENSIVE - HMG COA REDUCTASE INHIBITORS	\$ 22,295
			15	PROTON-PUMP INHIBITORS	\$ 20,217
			16	ANALGESICS, NARCOTICS	\$ 19,846
			17	RIFAMYCINS AND RELATED DERIVATIVE ANTIBIOTICS	\$ 19,358
			18	ANTIHYPERTENSIVE-SOD/GLUC COTRANSPORT2(SGLT2)INHIB	\$ 19,180
			19	ANTIHYPERTENSIVES, SYMPATHOLYTIC	\$ 17,456
			20	CALCIUM CHANNEL BLOCKING AGENTS	\$ 17,373
			21	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 16,266
			22	CHOLINESTERASE INHIBITORS	\$ 15,979
			23	TOPICAL/MUCOUS MEMBR./SUBCUT. ENZYMES	\$ 15,571
			24	THROMBOPOIETIN RECEPTOR AGONISTS	\$ 15,527
			25	MIOTICS/OTHER INTRAOC. PRESSURE REDUCERS	\$ 15,072
		Both Total			\$ 889,583
	Ages 65 & Over Total				\$ 889,583
TANF & Related Total					\$ 416,924,048
Uninsured/Uninsurable	Ages 1 - 13	Both	1	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 172,105
			2	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 94,658
			3	GROWTH HORMONES	\$ 77,525
			4	ANTIVIRALS, GENERAL	\$ 67,831
			5	INSULINS	\$ 55,582
			6	GLUCOCORTICIDS	\$ 52,869
			7	BETA-ADRENERGIC AGENTS	\$ 44,995
			8	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	\$ 33,973
			9	IMMUNOSUPPRESSIVES	\$ 32,103
			10	ANAPHYLAXIS THERAPY AGENTS	\$ 24,960
			11	ANTISERA	\$ 23,570
			12	GLUCOCORTICIDS, ORALLY INHALED	\$ 21,295
			13	BLOOD SUGAR DIAGNOSTICS	\$ 20,661
			14	NAME UNAVAILABLE	\$ 18,115
			15	ANTICONVULSANTS	\$ 15,912
			16	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 15,081
			17	TOPICAL ANTIPARASITICS	\$ 14,887
			18	ANTIHISTAMINES - 2ND GENERATION	\$ 14,645
			19	EYE ANTIHISTAMINES	\$ 13,687
			20	OTIC PREPARATIONS,ANTI-INFLAMMATORY-ANTIBIOTICS	\$ 13,459
			21	PENICILLINS	\$ 13,197
			22	CEPHALOSPORINS - 3RD GENERATION	\$ 12,605
			23	LEUKOTRIENE RECEPTOR ANTAGONISTS	\$ 10,114
			24	NASAL ANTI-INFLAMMATORY STEROIDS	\$ 9,745
			25	PROTON-PUMP INHIBITORS	\$ 8,682
		Both Total			\$ 882,255
	Ages 1 - 13 Total				\$ 882,255

TennCare - FY2019 Comptroller Report
 Top 25 Therapeutic Classes by Paid Total and Rate cell
 Apr 2017 - Mar 2018

Exhibit 7e

Aid Category	Age	Gender	ORDER	THERAPEUTIC_CLASS	Total
	Ages 14 - 20	Female	1	CYSTIC FIB.TRANSMEMB CONDUCT.REG.(CFTR)POTENTIATOR	\$ 301,400
			2	GROWTH HORMONES	\$ 60,536
			3	PANCREATIC ENZYMES	\$ 52,192
			4	CONTRACEPTIVES,ORAL	\$ 43,813
			5	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 37,774
			6	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	\$ 34,867
			7	VITAMIN K PREPARATIONS	\$ 32,954
			8	INSULINS	\$ 23,446
			9	ANTICONVULSANTS	\$ 19,494
			10	BETA-ADRENERGIC AGENTS	\$ 15,474
			11	GLUCOCORTICIDS	\$ 15,388
			12	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	\$ 15,149
			13	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 9,477
			14	PROTON-PUMP INHIBITORS	\$ 8,643
			15	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 7,250
			16	ACNE AGENTS,SYSTEMIC	\$ 7,112
			17	MUCOLYTICS	\$ 6,313
			18	ANTIVIRALS, GENERAL	\$ 6,261
			19	CONTRACEPTIVES,INJECTABLE	\$ 5,683
			20	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	\$ 5,628
			21	EYE ANTIHISTAMINES	\$ 5,346
			22	VITAMIN A DERIVATIVES	\$ 5,303
			23	ANAPHYLAXIS THERAPY AGENTS	\$ 5,303
			24	ANTIEMETIC/ANTIVERTIGO AGENTS	\$ 5,139
			25	BLOOD SUGAR DIAGNOSTICS	\$ 4,582
		Female Total			\$ 734,526
		Male	1	ANTIHEMOPHILIC FACTORS	\$ 430,171
			2	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 55,541
			3	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	\$ 46,412
			4	INSULINS	\$ 45,893
			5	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 41,095
			6	ANTICONVULSANTS	\$ 26,148
			7	VITAMIN A DERIVATIVES	\$ 11,280
			8	BETA-ADRENERGIC AGENTS	\$ 10,913
			9	BLOOD SUGAR DIAGNOSTICS	\$ 10,283
			10	IRRITABLE BOWEL SYND. AGENT,5HT-3 ANTAGONIST-TYPE	\$ 10,182
			11	GLUCOCORTICIDS	\$ 8,890
			12	TX FOR ADHD - SELECTIVE ALPHA-2A RECEPTOR AGONIST	\$ 7,585
			13	ANTIVIRALS, GENERAL	\$ 6,675
			14	PROTON-PUMP INHIBITORS	\$ 5,787
			15	ANTIPSYCHOTICS, DOPAMINE & SEROTONIN ANTAGONISTS	\$ 5,363
			16	TX FOR ADHD - SELECTIVE ALPHA-2 RECEPTOR AGONIST	\$ 4,668
			17	EYE ANTIHISTAMINES	\$ 4,649
			18	ANAPHYLAXIS THERAPY AGENTS	\$ 4,149
			19	ACNE AGENTS,SYSTEMIC	\$ 3,712
			20	GLUCOCORTICIDS, ORALLY INHALED	\$ 3,185
			21	OTIC PREPARATIONS,ANTI-INFLAMMATORY-ANTIBIOTICS	\$ 2,868
			22	TOPICAL ANTIBIOTICS	\$ 2,791
			23	NASAL ANTI-INFLAMMATORY STEROIDS	\$ 2,727
			24	ACNE AGENTS, TOPICAL	\$ 2,726
			25	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	\$ 2,614
		Male Total			\$ 756,308
	Ages 14 - 20 Total				\$ 1,490,834

TennCare - FY2019 Comptroller Report
 Top 25 Therapeutic Classes by Paid Total and Rate cell
 Apr 2017 - Mar 2018

Exhibit 7e

Aid Category	Age	Gender	ORDER	THERAPEUTIC_CLASS	Total
	Ages 21+	Both	1	INSULINS	\$ 16,353
			2	BLOOD SUGAR DIAGNOSTICS	\$ 4,513
			3	CONTRACEPTIVES,ORAL	\$ 3,959
			4	ANTIHYPERGLY,INCRETIN MIMETIC(GLP-1 RECEP.AGONIST)	\$ 3,674
			5	ANTIEMETIC/ANTIVERTIGO AGENTS	\$ 2,161
			6	ANTIHYPERGLYCEMC-SOD/GLUC COTRANSPORT2(SGLT2)INHIB	\$ 1,712
			7	THYROID HORMONES	\$ 1,452
			8	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	\$ 1,443
			9	BETA-ADRENERGIC AND ANTICHOLINERGIC COMBINATIONS	\$ 1,400
			10	ANTI-ALCOHOLIC PREPARATIONS	\$ 1,259
			11	ANTIVIRALS, GENERAL	\$ 1,180
			12	HYPERGLYCEMICS	\$ 1,143
			13	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	\$ 1,092
			14	DRUG TX-CHRONIC INFLAM. COLON DX,5-AMINOSALICYLAT	\$ 1,086
			15	CONTRACEPTIVES, INTRAVAGINAL, SYSTEMIC	\$ 1,004
			16	PROTON-PUMP INHIBITORS	\$ 805
			17	ANTI-ULCER-H.PYLORI AGENTS	\$ 778
			18	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	\$ 750
			19	ANTICONVULSANTS	\$ 729
			20	ANTIPSYCH,DOPAMINE ANTAG.,DIPHENYLBUTYLPIPERIDINES	\$ 695
			21	OTIC PREPARATIONS,ANTI-INFLAMMATORY-ANTIBIOTICS	\$ 597
			22	SELECTIVE SEROTONIN REUPTAKE INHIBITOR (SSRIS)	\$ 518
			23	CONTRACEPTIVES,INJECTABLE	\$ 449
			24	BETA-ADRENERGIC AGENTS	\$ 368
			25	EYE ANTIHISTAMINES	\$ 337
		Both Total			\$ 49,455
	Ages 21+ Total				\$ 49,455
Uninsured/Uninsurable Total					\$ 2,422,544
Grand Total					\$ 802,587,253

TennCare - FY2019 Comptroller Report
Pharmacy Costs by Therapeutic Class and Drug Type, Apr 2017 - Mar 2018

Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
1	INSULINS	154,070	\$ 76,330,088	\$ 495	-	\$ -	\$ -	-	\$ -	\$ -	154,070	\$ 76,330,088	\$ 495
2	ANTICONVULSANTS	85,807	\$ 59,789,220	\$ 697	705,046	\$ 12,715,126	\$ 18	-	\$ -	\$ -	790,853	\$ 72,504,346	\$ 92
3	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	47,278	\$ 55,930,771	\$ 1,183	187,550	\$ 5,445,703	\$ 29	-	\$ -	\$ -	234,828	\$ 61,376,473	\$ 261
4	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	199,714	\$ 49,725,449	\$ 249	48,474	\$ 1,313,387	\$ 27	-	\$ -	\$ -	248,188	\$ 51,038,836	\$ 206
5	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	9,055	\$ 42,490,618	\$ 4,693	-	\$ -	\$ -	-	\$ -	\$ -	9,055	\$ 42,490,618	\$ 4,693
6	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	80,970	\$ 22,832,059	\$ 282	83,065	\$ 14,160,329	\$ 170	-	\$ -	\$ -	164,035	\$ 36,992,388	\$ 226
7	CLASS UNAVAILABLE	50,422	\$ 32,605,814	\$ 647	17,710	\$ 817,453	\$ 46	-	\$ -	\$ -	68,132	\$ 33,423,266	\$ 491
8	ANTIHEMOPHILIC FACTORS	1,138	\$ 33,370,293	\$ 29,324	-	\$ -	\$ -	-	\$ -	\$ -	1,138	\$ 33,370,293	\$ 29,324
9	BETA-ADRENERGIC AGENTS	325,051	\$ 29,133,725	\$ 90	95,455	\$ 2,015,291	\$ 21	-	\$ -	\$ -	420,506	\$ 31,149,017	\$ 74
10	ANALGESICS, NARCOTICS	28,669	\$ 14,481,030	\$ 505	622,608	\$ 10,738,598	\$ 17	-	\$ -	\$ -	651,277	\$ 25,219,628	\$ 39
11	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	2,592	\$ 24,338,252	\$ 9,390	9	\$ 22,025	\$ 2,447	-	\$ -	\$ -	2,601	\$ 24,360,278	\$ 9,366
12	AGENTS TO TREAT MULTIPLE SCLEROSIS	3,560	\$ 22,462,150	\$ 6,310	-	\$ -	\$ -	-	\$ -	\$ -	3,560	\$ 22,462,150	\$ 6,310
13	GLUCOCORTICIDS	92,145	\$ 16,097,193	\$ 175	268,736	\$ 3,291,465	\$ 12	-	\$ -	\$ -	360,881	\$ 19,388,657	\$ 54
14	ANTIVIRALS, GENERAL	57,158	\$ 12,587,811	\$ 220	99,203	\$ 6,455,637	\$ 65	-	\$ -	\$ -	156,361	\$ 19,043,448	\$ 122
15	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	625	\$ 16,973,302	\$ 27,157	-	\$ -	\$ -	-	\$ -	\$ -	625	\$ 16,973,302	\$ 27,157
16	GROWTH HORMONES	4,016	\$ 16,365,922	\$ 4,075	-	\$ -	\$ -	-	\$ -	\$ -	4,016	\$ 16,365,922	\$ 4,075
17	BLOOD SUGAR DIAGNOSTICS	6,514	\$ 1,158,048	\$ 178	-	\$ -	\$ -	100,261	\$ 15,172,232	\$ 151	106,775	\$ 16,330,280	\$ 153
18	ANTIVIRALS,HIV-1 INTEGRASE STRAND TRANSFER INHIBTR	7,110	\$ 13,367,260	\$ 1,880	-	\$ -	\$ -	-	\$ -	\$ -	7,110	\$ 13,367,260	\$ 1,880
19	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	6,856	\$ 10,186,717	\$ 1,486	62,529	\$ 2,079,982	\$ 33	-	\$ -	\$ -	69,385	\$ 12,266,699	\$ 177
20	ANTIHYPERGLY,INCRETIN MIMETIC(GLP-1 RECEPTOR AGONIST)	19,353	\$ 12,259,152	\$ 633	-	\$ -	\$ -	-	\$ -	\$ -	19,353	\$ 12,259,152	\$ 633
21	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	36,344	\$ 11,266,573	\$ 310	-	\$ -	\$ -	-	\$ -	\$ -	36,344	\$ 11,266,573	\$ 310
22	GENERAL BRONCHODILATOR AGENTS	30,921	\$ 10,933,992	\$ 354	2,854	\$ 43,444	\$ 15	-	\$ -	\$ -	33,775	\$ 10,977,436	\$ 325
23	PROTON-PUMP INHIBITORS	23,316	\$ 6,825,304	\$ 293	327,080	\$ 3,139,763	\$ 10	-	\$ -	\$ -	350,396	\$ 9,965,067	\$ 28
24	ARV CMB-NRTI,N(T)RTI, INTEGRASE INHIBITOR	3,717	\$ 9,851,796	\$ 2,650	-	\$ -	\$ -	-	\$ -	\$ -	3,717	\$ 9,851,796	\$ 2,650
25	CONTRACEPTIVES,ORAL	55,876	\$ 5,575,521	\$ 100	189,145	\$ 3,893,558	\$ 21	-	\$ -	\$ -	245,021	\$ 9,469,079	\$ 39
26	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	19,900	\$ 8,158,196	\$ 410	13,836	\$ 1,288,887	\$ 93	-	\$ -	\$ -	33,736	\$ 9,447,083	\$ 280
27	CYSTIC FIB.TRANSMEMB CONDUCT.REG.(CFTR)POTENTIATOR	432	\$ 8,215,003	\$ 19,016	-	\$ -	\$ -	-	\$ -	\$ -	432	\$ 8,215,003	\$ 19,016
28	GLUCOCORTICIDS, ORALLY INHALED	40,364	\$ 7,405,986	\$ 183	2,905	\$ 488,203	\$ 168	-	\$ -	\$ -	43,269	\$ 7,894,189	\$ 182
29	TOPICAL ANTIPARASITICS	26,071	\$ 7,013,916	\$ 269	18,130	\$ 876,090	\$ 48	-	\$ -	\$ -	44,201	\$ 7,890,006	\$ 179
30	ANTIHYPERGLYCEMIC, DPP-4 INHIBITORS	19,173	\$ 7,173,881	\$ 374	-	\$ -	\$ -	-	\$ -	\$ -	19,173	\$ 7,173,881	\$ 374
31	ANTIEMETIC/ANTIVERTIGO AGENTS	13,541	\$ 5,835,352	\$ 431	111,276	\$ 1,281,343	\$ 12	-	\$ -	\$ -	124,817	\$ 7,116,695	\$ 57
32	ARTV CMB NUCLEOSIDE,NUCLEOTIDE,&NON-NUCLEOSIDE RTI	2,855	\$ 6,880,654	\$ 2,410	-	\$ -	\$ -	-	\$ -	\$ -	2,855	\$ 6,880,654	\$ 2,410
33	ANTIVIRALS, HIV-SPEC, NUCLEOSIDE-NUCLEOTIDE ANALOG	4,871	\$ 6,822,730	\$ 1,401	-	\$ -	\$ -	-	\$ -	\$ -	4,871	\$ 6,822,730	\$ 1,401
34	PENICILLINS	78,372	\$ 820,445	\$ 10	466,382	\$ 5,806,738	\$ 12	-	\$ -	\$ -	544,754	\$ 6,627,183	\$ 12
35	ANTIVIRAL MONOCLONAL ANTIBODIES	2,541	\$ 6,411,736	\$ 2,523	-	\$ -	\$ -	-	\$ -	\$ -	2,541	\$ 6,411,736	\$ 2,523
36	PANCREATIC ENZYMES	4,818	\$ 6,343,013	\$ 1,317	-	\$ -	\$ -	-	\$ -	\$ -	4,818	\$ 6,343,013	\$ 1,317
37	OTIC PREPARATIONS,ANTI-INFLAMMATORY-ANTIBIOTICS	29,527	\$ 5,811,848	\$ 197	-	\$ -	\$ -	-	\$ -	\$ -	29,527	\$ 5,811,848	\$ 197
38	CEPHALOSPORINS - 3RD GENERATION	7,728	\$ 3,404,916	\$ 441	120,952	\$ 2,341,371	\$ 19	-	\$ -	\$ -	128,680	\$ 5,746,287	\$ 45
39	DIRECT FACTOR XA INHIBITORS	15,333	\$ 5,666,005	\$ 370	-	\$ -	\$ -	-	\$ -	\$ -	15,333	\$ 5,666,005	\$ 370
40	METALLIC POISON,AGENTS TO TREAT	629	\$ 5,227,237	\$ 8,310	-	\$ -	\$ -	-	\$ -	\$ -	629	\$ 5,227,237	\$ 8,310
41	FACTOR IX PREPARATIONS	228	\$ 5,097,575	\$ 22,358	-	\$ -	\$ -	-	\$ -	\$ -	228	\$ 5,097,575	\$ 22,358
42	ANAPHYLAXIS THERAPY AGENTS	82	\$ 46,459	\$ 567	18,581	\$ 5,001,437	\$ 269	-	\$ -	\$ -	18,663	\$ 5,047,896	\$ 270
43	SELECTIVE SEROTONIN REUPTAKE INHIBITOR (SSRIS)	2,010	\$ 78,847	\$ 39	522,696	\$ 4,888,090	\$ 9	-	\$ -	\$ -	524,706	\$ 4,966,937	\$ 9
44	ANTI-ALCOHOLIC PREPARATIONS	3,876	\$ 4,904,354	\$ 1,265	729	\$ 59,005	\$ 81	-	\$ -	\$ -	4,605	\$ 4,963,359	\$ 1,078
45	NSAIDS, CYCLOOXYGENASE INHIBITOR - TYPE	34,841	\$ 501,300	\$ 14	414,058	\$ 4,323,372	\$ 10	-	\$ -	\$ -	448,899	\$ 4,824,671	\$ 11
46	MUCOLYTICS	1,822	\$ 4,725,632	\$ 2,594	113	\$ 8,548	\$ 76	-	\$ -	\$ -	1,935	\$ 4,734,180	\$ 2,447
47	ANTIVIRALS, HIV-SPEC, NON-PEPTIDIC PROTEASE INHIB	3,120	\$ 4,523,797	\$ 1,450	-	\$ -	\$ -	-	\$ -	\$ -	3,120	\$ 4,523,797	\$ 1,450
48	MACROLIDES	541	\$ 476,900	\$ 882	211,779	\$ 3,978,508	\$ 19	-	\$ -	\$ -	212,320	\$ 4,455,408	\$ 21
49	INTRA-UTERINE DEVICES (IUDS)	5,324	\$ 4,381,948	\$ 823	-	\$ -	\$ -	-	\$ -	\$ -	5,324	\$ 4,381,948	\$ 823
50	ANTINEOPLASTIC IMMUNOMODULATOR AGENTS	358	\$ 4,312,557	\$ 12,046	-	\$ -	\$ -	-	\$ -	\$ -	358	\$ 4,312,557	\$ 12,046

TennCare - FY2019 Comptroller Report
Pharmacy Costs by Therapeutic Class and Drug Type, Apr 2017 - Mar 2018

Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
51	EYE ANTIHISTAMINES	23,587	\$ 4,088,097	\$ 173	1,142	\$ 49,652	\$ 43	-	\$ -	\$ -	24,729	\$ 4,137,749	\$ 167
52	NARCOTIC WITHDRAWAL THERAPY AGENTS	21,503	\$ 3,974,428	\$ 185	4,626	\$ 147,362	\$ 32	-	\$ -	\$ -	26,129	\$ 4,121,790	\$ 158
53	TOPICAL ANTI-INFLAMMATORY STEROIDAL	19,931	\$ 354,073	\$ 18	144,103	\$ 3,584,737	\$ 25	-	\$ -	\$ -	164,034	\$ 3,938,810	\$ 24
54	ANTINEOPLASTIC - MTOR KINASE INHIBITORS	271	\$ 3,908,385	\$ 14,422	-	\$ -	\$ -	-	\$ -	\$ -	271	\$ 3,908,385	\$ 14,422
55	AMMONIA INHIBITORS	1,227	\$ 3,839,688	\$ 3,129	2,891	\$ 57,069	\$ 20	-	\$ -	\$ -	4,118	\$ 3,896,757	\$ 946
56	CONTRACEPTIVES,IMPLANTABLE	4,758	\$ 3,844,446	\$ 808	-	\$ -	\$ -	-	\$ -	\$ -	4,758	\$ 3,844,446	\$ 808
57	RIFAMYCINS AND RELATED DERIVATIVE ANTIBIOTICS	2,075	\$ 3,750,133	\$ 1,807	-	\$ -	\$ -	-	\$ -	\$ -	2,075	\$ 3,750,133	\$ 1,807
58	BETA-ADRENERGIC AND ANTICHOLINERGIC COMBINATIONS	9,992	\$ 3,436,524	\$ 344	13,573	\$ 246,611	\$ 18	-	\$ -	\$ -	23,565	\$ 3,683,135	\$ 156
59	ANTIHISTAMINES - 2ND GENERATION	3,162	\$ 53,409	\$ 17	344,482	\$ 3,602,024	\$ 10	-	\$ -	\$ -	347,644	\$ 3,655,432	\$ 11
60	SMOKING DETERRENT-NICOTINIC RECEPT.PARTIAL AGONIST	10,021	\$ 3,568,250	\$ 356	-	\$ -	\$ -	-	\$ -	\$ -	10,021	\$ 3,568,250	\$ 356
61	LEUKOTRIENE RECEPTOR ANTAGONISTS	37	\$ 8,409	\$ 227	256,188	\$ 3,500,651	\$ 14	-	\$ -	\$ -	256,225	\$ 3,509,060	\$ 14
62	ADRENOCORTICOTROPHIC HORMONES	54	\$ 3,477,168	\$ 64,392	-	\$ -	\$ -	-	\$ -	\$ -	54	\$ 3,477,168	\$ 64,392
63	MOVEMENT DISORDERS (DRUG THERAPY)	414	\$ 3,368,809	\$ 8,137	6	\$ 19,375	\$ 3,229	-	\$ -	\$ -	420	\$ 3,388,185	\$ 8,067
64	PKU TX AGENT-COFACTOR OF PHENYLALANINE HYDROXYLASE	439	\$ 3,270,788	\$ 7,451	-	\$ -	\$ -	-	\$ -	\$ -	439	\$ 3,270,788	\$ 7,451
65	ANTIHISTAMINES - 1ST GENERATION	47,519	\$ 554,301	\$ 12	257,132	\$ 2,667,950	\$ 10	-	\$ -	\$ -	304,651	\$ 3,222,251	\$ 11
66	ANTIMETABOLITES	9,392	\$ 3,031,038	\$ 323	3,666	\$ 103,327	\$ 28	-	\$ -	\$ -	13,058	\$ 3,134,365	\$ 240
67	MONOCLONAL ANTIBODY-HUMAN INTERLEUKIN 12/23 INHIB	221	\$ 3,106,355	\$ 14,056	-	\$ -	\$ -	-	\$ -	\$ -	221	\$ 3,106,355	\$ 14,056
68	SKELETAL MUSCLE RELAXANTS	32,191	\$ 604,340	\$ 19	215,579	\$ 2,404,881	\$ 11	-	\$ -	\$ -	247,770	\$ 3,009,221	\$ 12
69	ELECTROLYTE DEPLETERS	2,608	\$ 2,927,397	\$ 1,122	2,010	\$ 75,158	\$ 37	-	\$ -	\$ -	4,618	\$ 3,002,555	\$ 650
70	THYROID HORMONES	16,829	\$ 651,377	\$ 39	185,898	\$ 2,317,785	\$ 12	-	\$ -	\$ -	202,727	\$ 2,969,162	\$ 15
71	CONTRACEPTIVES,INJECTABLE	926	\$ 76,619	\$ 83	38,541	\$ 2,852,149	\$ 74	-	\$ -	\$ -	39,467	\$ 2,928,768	\$ 74
72	ANTIHYPERLIPIDEMIC - HMG COA REDUCTASE INHIBITORS	2,505	\$ 86,142	\$ 34	284,854	\$ 2,835,887	\$ 10	-	\$ -	\$ -	287,359	\$ 2,922,029	\$ 10
73	MONOCLONAL ANTIBODIES TO IMMUNOGLOBULIN E(IGE)	794	\$ 2,809,313	\$ 3,538	-	\$ -	\$ -	-	\$ -	\$ -	794	\$ 2,809,313	\$ 3,538
74	NASAL ANTI-INFLAMMATORY STEROIDS	7,600	\$ 334,528	\$ 44	204,045	\$ 2,457,462	\$ 12	-	\$ -	\$ -	211,645	\$ 2,791,990	\$ 13
75	ANTIHYPERTENSIVES, ACE INHIBITORS	1,306	\$ 532,184	\$ 407	285,924	\$ 2,197,675	\$ 8	-	\$ -	\$ -	287,230	\$ 2,729,858	\$ 10
76	ANTIHYPERGLYCEMIC-SOD/GLUC COTRANSPORT2(SGLT2)INHIB	6,516	\$ 2,708,838	\$ 416	-	\$ -	\$ -	-	\$ -	\$ -	6,516	\$ 2,708,838	\$ 416
77	PULMONARY ANTI-HTN, ENDOTHELIN RECEPTOR ANTAGONIST	321	\$ 2,655,555	\$ 8,273	-	\$ -	\$ -	-	\$ -	\$ -	321	\$ 2,655,555	\$ 8,273
78	ANTIVIRALS, HIV-SPECIFIC, PROTEASE INHIBITORS	4,024	\$ 2,481,127	\$ 617	98	\$ 94,129	\$ 960	-	\$ -	\$ -	4,122	\$ 2,575,256	\$ 625
79	ANTIHYPERGLY, (DPP-4) INHIBITOR & BIGUANIDE COMB.	7,038	\$ 2,566,486	\$ 365	-	\$ -	\$ -	-	\$ -	\$ -	7,038	\$ 2,566,486	\$ 365
80	SEROTONIN-NOREPINEPHRINE REUPTAKE-INHIB (SNRIS)	2,703	\$ 836,129	\$ 309	116,225	\$ 1,676,196	\$ 14	-	\$ -	\$ -	118,928	\$ 2,512,325	\$ 21
81	ANTIPSORIATIC AGENTS,SYSTEMIC	408	\$ 2,454,569	\$ 6,016	42	\$ 28,144	\$ 670	-	\$ -	\$ -	450	\$ 2,482,713	\$ 5,517
82	ANTIHYPERTENSIVES, SYMPATHOLYTIC	2,837	\$ 919,289	\$ 324	166,128	\$ 1,563,140	\$ 9	-	\$ -	\$ -	168,965	\$ 2,482,429	\$ 15
83	ANTIPSYCHOTICS, DOPAMINE & SEROTONIN ANTAGONISTS	2,380	\$ 2,446,665	\$ 1,028	825	\$ 28,580	\$ 35	-	\$ -	\$ -	3,205	\$ 2,475,245	\$ 772
84	BETA-ADRENERGIC BLOCKING AGENTS	6,084	\$ 321,316	\$ 53	205,194	\$ 2,016,339	\$ 10	-	\$ -	\$ -	211,278	\$ 2,337,655	\$ 11
85	AMINOGLYCOSIDES	649	\$ 2,264,520	\$ 3,489	453	\$ 51,944	\$ 115	-	\$ -	\$ -	1,102	\$ 2,316,465	\$ 2,102
86	CALCIUM CHANNEL BLOCKING AGENTS	395	\$ 47,663	\$ 121	216,903	\$ 2,262,016	\$ 10	-	\$ -	\$ -	217,298	\$ 2,309,678	\$ 11
87	URINARY TRACT ANTISPASMODIC, M(3) SELECTIVE ANTAG.	7,719	\$ 2,279,050	\$ 295	116	\$ 18,446	\$ 159	-	\$ -	\$ -	7,835	\$ 2,297,495	\$ 293
88	LAXATIVES AND CATHARTICS	34,063	\$ 1,411,917	\$ 41	53,016	\$ 862,474	\$ 16	-	\$ -	\$ -	87,079	\$ 2,274,391	\$ 26
89	ANTI-PSYCHOTICS,PHENOTHIAZINES	4,196	\$ 1,048,897	\$ 250	7,376	\$ 1,223,716	\$ 166	-	\$ -	\$ -	11,572	\$ 2,272,613	\$ 196
90	ANTIANDROGENIC AGENTS	298	\$ 2,213,455	\$ 7,428	216	\$ 2,722	\$ 13	-	\$ -	\$ -	514	\$ 2,216,176	\$ 4,312
91	IMMUNOSUPPRESSIVES	1,807	\$ 1,385,890	\$ 767	12,188	\$ 815,102	\$ 67	-	\$ -	\$ -	13,995	\$ 2,200,992	\$ 157
92	CONTRACEPTIVES, INTRAVAGINAL, SYSTEMIC	10,876	\$ 2,084,958	\$ 192	-	\$ -	\$ -	-	\$ -	\$ -	10,876	\$ 2,084,958	\$ 192
93	OPHTHALMIC ANTIBIOTICS	12,753	\$ 1,242,027	\$ 97	53,695	\$ 830,584	\$ 15	-	\$ -	\$ -	66,448	\$ 2,072,611	\$ 31
94	ESTROGENIC AGENTS	9,347	\$ 1,463,227	\$ 157	23,857	\$ 529,124	\$ 22	-	\$ -	\$ -	33,204	\$ 1,992,351	\$ 60
95	PLATELET AGGREGATION INHIBITORS	4,165	\$ 1,474,868	\$ 354	47,789	\$ 509,162	\$ 11	-	\$ -	\$ -	51,954	\$ 1,984,030	\$ 38
96	CALCIMIMETIC,PARATHYROID CALCIUM ENHANCER	1,498	\$ 1,971,155	\$ 1,316	-	\$ -	\$ -	-	\$ -	\$ -	1,498	\$ 1,971,155	\$ 1,316
97	TOPICAL ANTIFUNGALS	13,323	\$ 378,548	\$ 28	78,279	\$ 1,568,483	\$ 20	-	\$ -	\$ -	91,602	\$ 1,947,031	\$ 21
98	HISTAMINE H2-RECEPTOR INHIBITORS	2,486	\$ 66,344	\$ 27	174,690	\$ 1,867,338	\$ 11	-	\$ -	\$ -	177,176	\$ 1,933,682	\$ 11
99	SSRI&SEROTONIN 5HT RECEPTOR MODULATOR ANTIDEPRESS	5,580	\$ 1,883,809	\$ 338	-	\$ -	\$ -	-	\$ -	\$ -	5,580	\$ 1,883,809	\$ 338
100	ANTI-NARCOLEPSY & ANTI-CATAPLEXY, SEDATIVE-TYPE AGT	188	\$ 1,881,092	\$ 10,006	-	\$ -	\$ -	-	\$ -	\$ -	188	\$ 1,881,092	\$ 10,006

TennCare - FY2019 Comptroller Report
Pharmacy Costs by Therapeutic Class and Drug Type, Apr 2017 - Mar 2018

Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
101	CONTRACEPTIVES,TRANSDERMAL	-	\$ -	\$ -	14,209	\$ 1,776,829	\$ 125	-	\$ -	\$ -	14,209	\$ 1,776,829	\$ 125
102	TOPICAL IMMUNOSUPPRESSIVE AGENTS	3,492	\$ 1,720,268	\$ 493	73	\$ 25,282	\$ 346	-	\$ -	\$ -	3,565	\$ 1,745,550	\$ 490
103	KIDNEY STONE AGENTS	77	\$ 1,742,763	\$ 22,633	-	\$ -	\$ -	-	\$ -	\$ -	77	\$ 1,742,763	\$ 22,633
104	TRICYCLIC ANTIDEPRESSANTS & REL. NON-SEL. RU-INHIB	17,915	\$ 317,144	\$ 18	59,928	\$ 1,387,988	\$ 23	-	\$ -	\$ -	77,843	\$ 1,705,132	\$ 22
105	ANTISERA	738	\$ 1,697,440	\$ 2,300	-	\$ -	\$ -	-	\$ -	\$ -	738	\$ 1,697,440	\$ 2,300
106	ANTIFUNGAL AGENTS	196	\$ 571,125	\$ 2,914	98,268	\$ 1,108,852	\$ 11	-	\$ -	\$ -	98,464	\$ 1,679,977	\$ 17
107	TOPICAL ANTIBIOTICS	1,134	\$ 49,821	\$ 44	78,775	\$ 1,601,954	\$ 20	-	\$ -	\$ -	79,909	\$ 1,651,775	\$ 21
108	ANTIMIGRAINE PREPARATIONS	2,206	\$ 777,114	\$ 352	37,787	\$ 827,022	\$ 22	-	\$ -	\$ -	39,993	\$ 1,604,137	\$ 40
109	BILE SALTS	24	\$ 1,255,034	\$ 52,293	2,096	\$ 301,840	\$ 144	-	\$ -	\$ -	2,120	\$ 1,556,874	\$ 734
110	VITAMIN A DERIVATIVES	1,068	\$ 541,886	\$ 507	8,332	\$ 943,989	\$ 113	-	\$ -	\$ -	9,400	\$ 1,485,875	\$ 158
111	DRUG TX-CHRONIC INFLAM. COLON DX,5-AMINOSALICYLAT	3,074	\$ 1,455,176	\$ 473	97	\$ 24,565	\$ 253	-	\$ -	\$ -	3,171	\$ 1,479,742	\$ 467
112	NOREPINEPHRINE AND DOPAMINE REUPTAKE INHIB (NDRIS)	167	\$ 156,602	\$ 938	86,227	\$ 1,320,450	\$ 15	-	\$ -	\$ -	86,394	\$ 1,477,052	\$ 17
113	NASAL ANTIHISTAMINE	5,253	\$ 1,381,634	\$ 263	2,277	\$ 78,710	\$ 35	-	\$ -	\$ -	7,530	\$ 1,460,345	\$ 194
114	DRUGS TO TX CHRONIC INFLAMM. DISEASE OF COLON	354	\$ 1,414,072	\$ 3,995	-	\$ -	\$ -	-	\$ -	\$ -	354	\$ 1,414,072	\$ 3,995
115	HYPERGLYCEMICS	3,749	\$ 1,335,603	\$ 356	172	\$ 50,270	\$ 292	-	\$ -	\$ -	3,921	\$ 1,385,873	\$ 353
116	CEPHALOSPORINS - 1ST GENERATION	23,659	\$ 702,422	\$ 30	69,485	\$ 680,822	\$ 10	-	\$ -	\$ -	93,144	\$ 1,383,244	\$ 15
117	HEPARIN AND RELATED PREPARATIONS	108	\$ 69,371	\$ 642	6,282	\$ 1,308,866	\$ 208	-	\$ -	\$ -	6,390	\$ 1,378,237	\$ 216
118	ABSORBABLE SULFONAMIDES	1,154	\$ 31,718	\$ 27	102,790	\$ 1,320,260	\$ 13	-	\$ -	\$ -	103,944	\$ 1,351,979	\$ 13
119	TX FOR ADHD - SELECTIVE ALPHA-2 RECEPTOR AGONIST	56	\$ 21,546	\$ 385	43,257	\$ 1,303,962	\$ 30	-	\$ -	\$ -	43,313	\$ 1,325,508	\$ 31
120	MIOTICS/OTHER INTRAOC. PRESSURE REDUCERS	7,685	\$ 1,180,759	\$ 154	10,579	\$ 136,573	\$ 13	-	\$ -	\$ -	18,264	\$ 1,317,332	\$ 72
121	LIPOTROPICS	3,124	\$ 919,362	\$ 294	23,855	\$ 391,846	\$ 16	-	\$ -	\$ -	26,979	\$ 1,311,208	\$ 49
122	ANTIHYPERTENSIVES, ANGIOTENSIN RECEPTOR ANTAGONIST	1,713	\$ 627,873	\$ 367	74,725	\$ 651,137	\$ 9	-	\$ -	\$ -	76,438	\$ 1,279,010	\$ 17
123	POTASSIUM REPLACEMENT	90	\$ 3,890	\$ 43	51,405	\$ 1,244,130	\$ 24	-	\$ -	\$ -	51,495	\$ 1,248,020	\$ 24
124	SEROTONIN-2 ANTAGONIST/REUPTAKE INHIBITORS (SARIS)	28	\$ 2,159	\$ 77	119,696	\$ 1,188,804	\$ 10	-	\$ -	\$ -	119,724	\$ 1,190,963	\$ 10
125	ANTHELMINTICS	1,952	\$ 1,110,824	\$ 569	2,150	\$ 45,174	\$ 21	-	\$ -	\$ -	4,102	\$ 1,155,998	\$ 282
126	RESPIRATORY AIDS,DEVICES,EQUIPMENT	17,275	\$ 561,322	\$ 32	-	\$ -	\$ -	10,496	\$ 532,516	\$ 51	27,771	\$ 1,093,838	\$ 39
127	ANTI-ANXIETY DRUGS	780	\$ 28,512	\$ 37	81,664	\$ 1,058,737	\$ 13	-	\$ -	\$ -	82,444	\$ 1,087,249	\$ 13
128	ANTIVIRALS, HIV-SPECIFIC, NUCLEOTIDE ANALOG, RTI	997	\$ 939,681	\$ 943	187	\$ 135,084	\$ 722	-	\$ -	\$ -	1,184	\$ 1,074,766	\$ 908
129	ANTIPSYCHOTICS,DOPAMINE ANTAGONISTS,BUTYROPHENONES	11,103	\$ 309,637	\$ 28	8,810	\$ 764,647	\$ 87	-	\$ -	\$ -	19,913	\$ 1,074,283	\$ 54
130	LINCOSAMIDES	-	\$ -	\$ -	59,232	\$ 1,069,848	\$ 18	-	\$ -	\$ -	59,232	\$ 1,069,848	\$ 18
131	BILE SALT SEQUESTRANTS	2,251	\$ 894,004	\$ 397	2,641	\$ 173,142	\$ 66	-	\$ -	\$ -	4,892	\$ 1,067,147	\$ 218
132	JANUS KINASE (JAK) INHIBITORS	302	\$ 1,066,036	\$ 3,530	-	\$ -	\$ -	-	\$ -	\$ -	302	\$ 1,066,036	\$ 3,530
133	SSRI & 5HT1A PARTIAL AGONIST ANTIDEPRESSANT	4,760	\$ 1,057,725	\$ 222	-	\$ -	\$ -	-	\$ -	\$ -	4,760	\$ 1,057,725	\$ 222
134	TETRACYCLINES	36	\$ 18,659	\$ 518	60,412	\$ 1,032,761	\$ 17	-	\$ -	\$ -	60,448	\$ 1,051,420	\$ 17
135	URINARY TRACT ANALGESIC AGENTS	1,436	\$ 1,044,495	\$ 727	-	\$ -	\$ -	-	\$ -	\$ -	1,436	\$ 1,044,495	\$ 727
136	BETALACTAMS	128	\$ 1,036,424	\$ 8,097	3	\$ 754	\$ 251	-	\$ -	\$ -	131	\$ 1,037,178	\$ 7,917
137	NITROFURAN DERIVATIVES	-	\$ -	\$ -	47,166	\$ 1,026,154	\$ 22	-	\$ -	\$ -	47,166	\$ 1,026,154	\$ 22
138	NARCOTIC ANALGESIC & NON-SALICYLATE ANALGESIC COMB	253	\$ 2,518	\$ 10	58,061	\$ 1,019,879	\$ 18	-	\$ -	\$ -	58,314	\$ 1,022,397	\$ 18
139	ANTIDIURETIC AND VASOPRESSOR HORMONES	117	\$ 532,095	\$ 4,548	9,301	\$ 488,243	\$ 52	-	\$ -	\$ -	9,418	\$ 1,020,338	\$ 108
140	URINARY TRACT ANTISPASMODIC/ANTIINCONTINENCE AGENT	2,412	\$ 675,138	\$ 280	15,692	\$ 322,881	\$ 21	-	\$ -	\$ -	18,104	\$ 998,019	\$ 55
141	THIAZIDE AND RELATED DIURETICS	22,806	\$ 167,618	\$ 7	89,771	\$ 818,177	\$ 9	-	\$ -	\$ -	112,577	\$ 985,795	\$ 9
142	ANTIHYPERGLYCEMIC,BIGUANIDE TYPE(NON-SULFONYLUREA)	241	\$ 92,895	\$ 385	92,673	\$ 855,797	\$ 9	-	\$ -	\$ -	92,914	\$ 948,692	\$ 10
143	ANTINEOPLASTIC - JANUS KINASE (JAK) INHIBITORS	128	\$ 941,561	\$ 7,356	-	\$ -	\$ -	-	\$ -	\$ -	128	\$ 941,561	\$ 7,356
144	ANTIHYPERGLYCEMIC, BIGUANIDE TYPE	24	\$ 52,728	\$ 2,197	92,719	\$ 880,623	\$ 9	-	\$ -	\$ -	92,743	\$ 933,352	\$ 10
145	LEUKOCYTE (WBC) STIMULANTS	260	\$ 925,522	\$ 3,560	-	\$ -	\$ -	-	\$ -	\$ -	260	\$ 925,522	\$ 3,560
146	THROMBOPOIETIN RECEPTOR AGONISTS	119	\$ 919,984	\$ 7,731	-	\$ -	\$ -	-	\$ -	\$ -	119	\$ 919,984	\$ 7,731
147	VAGINAL ESTROGEN PREPARATIONS	2,836	\$ 903,760	\$ 319	5	\$ 1,297	\$ 259	-	\$ -	\$ -	2,841	\$ 905,058	\$ 319
148	ANTIFUNGAL ANTIBIOTICS	16,080	\$ 260,107	\$ 16	8,937	\$ 641,265	\$ 72	-	\$ -	\$ -	25,017	\$ 901,371	\$ 36
149	VAGINAL ANTIBIOTICS	7,297	\$ 635,660	\$ 87	3,686	\$ 262,165	\$ 71	-	\$ -	\$ -	10,983	\$ 897,826	\$ 82
150	ANTIMALARIAL DRUGS	32	\$ 529,717	\$ 16,554	12,851	\$ 360,401	\$ 28	-	\$ -	\$ -	12,883	\$ 890,117	\$ 69

TennCare - FY2019 Comptroller Report
Pharmacy Costs by Therapeutic Class and Drug Type, Apr 2017 - Mar 2018

Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
151	ANTINFLAMMATORY, SEL.COSTIM.MOD.,T-CELL INHIBITOR	256	\$ 876,789	\$ 3,425	-	\$ -	\$ -	-	\$ -	\$ -	256	\$ 876,789	\$ 3,425
152	PULM.ANTI-HTN,SEL.C-GMP PHOSPHODIESTERASE T5 INHIB	282	\$ 846,960	\$ 3,003	524	\$ 13,398	\$ 26	-	\$ -	\$ -	806	\$ 860,359	\$ 1,067
153	IRRITABLE BOWEL AGENTS,GUANYLATE CYLASE-C AGONIST	2,531	\$ 859,619	\$ 340	-	\$ -	\$ -	-	\$ -	\$ -	2,531	\$ 859,619	\$ 340
154	ANTIANGINAL & ANTI-ISCHEMIC AGENTS,NON-HEMODYNAMIC	2,019	\$ 858,150	\$ 425	-	\$ -	\$ -	-	\$ -	\$ -	2,019	\$ 858,150	\$ 425
155	LHRH(GNRH)AGNST PIT.SUP-CENTRAL PRECOCIOUS PUBERTY	145	\$ 854,963	\$ 5,896	-	\$ -	\$ -	-	\$ -	\$ -	145	\$ 854,963	\$ 5,896
156	BONE FORMATION STIM. AGENTS - PARATHYROID HORMONE	305	\$ 851,523	\$ 2,792	-	\$ -	\$ -	-	\$ -	\$ -	305	\$ 851,523	\$ 2,792
157	LOOP DIURETICS	1,396	\$ 39,809	\$ 29	87,085	\$ 801,262	\$ 9	-	\$ -	\$ -	88,481	\$ 841,071	\$ 10
158	ALPHA/BETA-ADRENERGIC BLOCKING AGENTS	161	\$ 45,073	\$ 280	75,302	\$ 753,255	\$ 10	-	\$ -	\$ -	75,463	\$ 798,328	\$ 11
159	VITAMIN D PREPARATIONS	1,819	\$ 55,049	\$ 30	83,723	\$ 732,211	\$ 9	-	\$ -	\$ -	85,542	\$ 787,260	\$ 9
160	TOPICAL/MUCOUS MEMBR./SUBCUT. ENZYMES	1,215	\$ 781,786	\$ 643	-	\$ -	\$ -	-	\$ -	\$ -	1,215	\$ 781,786	\$ 643
161	SYRINGES AND ACCESSORIES	12,080	\$ 227,441	\$ 19	3	\$ 60	\$ 20	24,734	\$ 534,335	\$ 22	36,817	\$ 761,837	\$ 21
162	ANDROGENIC AGENTS	4,102	\$ 735,605	\$ 179	46	\$ 12,944	\$ 281	-	\$ -	\$ -	4,148	\$ 748,550	\$ 180
163	ACNE AGENTS, TOPICAL	1,581	\$ 724,005	\$ 458	61	\$ 14,877	\$ 244	-	\$ -	\$ -	1,642	\$ 738,882	\$ 450
164	DURABLE MEDICAL EQUIPMENT,MISC(GROUP 1)	3,072	\$ 46,948	\$ 15	2	\$ 18	\$ 9	42,621	\$ 675,965	\$ 16	45,695	\$ 722,931	\$ 16
165	LHRH(GNRH) AGONIST ANALOG PITUITARY SUPPRESSANTS	379	\$ 714,186	\$ 1,884	-	\$ -	\$ -	-	\$ -	\$ -	379	\$ 714,186	\$ 1,884
166	INFLUENZA VIRUS VACCINES	30,100	\$ 703,544	\$ 23	-	\$ -	\$ -	-	\$ -	\$ -	30,100	\$ 703,544	\$ 23
167	ANAEROBIC ANTIPROTOZOAL-ANTIBACTERIAL AGENTS	1	\$ 14	\$ 14	63,446	\$ 702,482	\$ 11	-	\$ -	\$ -	63,447	\$ 702,496	\$ 11
168	ACNE AGENTS,SYSTEMIC	450	\$ 295,586	\$ 657	1,655	\$ 394,239	\$ 238	-	\$ -	\$ -	2,105	\$ 689,825	\$ 328
169	ANTIVIRALS, HIV-SPECIFIC, NON-NUCLEOSIDE, RTI	659	\$ 670,615	\$ 1,018	97	\$ 12,204	\$ 126	-	\$ -	\$ -	756	\$ 682,819	\$ 903
170	NEEDLES/NEEDLELESS DEVICES	14,706	\$ 393,312	\$ 27	4	\$ 328	\$ 82	10,589	\$ 279,743	\$ 26	25,299	\$ 673,383	\$ 27
171	ANTI-INFLAMMATORY/ANTIARTHRITICS AGENTS, MISC.	236	\$ 658,729	\$ 2,791	-	\$ -	\$ -	-	\$ -	\$ -	236	\$ 658,729	\$ 2,791
172	AGTS TX NEUROMUSC TRANSMISSION DIS,POT-CHAN BLKR	297	\$ 650,119	\$ 2,189	-	\$ -	\$ -	-	\$ -	\$ -	297	\$ 650,119	\$ 2,189
173	EAR PREPARATIONS,ANTIBIOTICS	1	\$ 189	\$ 189	12,758	\$ 637,313	\$ 50	-	\$ -	\$ -	12,759	\$ 637,502	\$ 50
174	DRUGS TO TX GAUCHER DX-TYPE 1, SUBSTRATE REDUCING	12	\$ 624,485	\$ 52,040	-	\$ -	\$ -	-	\$ -	\$ -	12	\$ 624,485	\$ 52,040
175	ANTIPARKINSONISM DRUGS,OTHER	808	\$ 231,411	\$ 286	25,514	\$ 357,582	\$ 14	-	\$ -	\$ -	26,322	\$ 588,993	\$ 22
176	ALPHA-2 RECEPTOR ANTAGONIST ANTIDEPRESSANTS	739	\$ 28,460	\$ 39	44,827	\$ 548,476	\$ 12	-	\$ -	\$ -	45,566	\$ 576,936	\$ 13
177	PULMONARY ANTIHYPERTENSIVES, PROSTACYCLIN-TYPE	34	\$ 563,576	\$ 16,576	-	\$ -	\$ -	-	\$ -	\$ -	34	\$ 563,576	\$ 16,576
178	IMMUNOMODULATORS	42	\$ 449,146	\$ 10,694	2,614	\$ 105,145	\$ 40	-	\$ -	\$ -	2,656	\$ 554,291	\$ 209
179	ADRENERGIC VASOPRESSOR AGENTS	115	\$ 432,339	\$ 3,759	2,299	\$ 110,219	\$ 48	-	\$ -	\$ -	2,414	\$ 542,558	\$ 225
180	ANTIFIBROTIC THERAPY - PYRIDONE ANALOGS	67	\$ 534,439	\$ 7,977	-	\$ -	\$ -	-	\$ -	\$ -	67	\$ 534,439	\$ 7,977
181	QUINOLONES	176	\$ 26,100	\$ 148	57,400	\$ 501,518	\$ 9	-	\$ -	\$ -	57,576	\$ 527,618	\$ 9
182	ANTITUSSIVES,NON-NARCOTIC	1,531	\$ 23,270	\$ 15	44,571	\$ 501,448	\$ 11	-	\$ -	\$ -	46,102	\$ 524,718	\$ 11
183	ACE INHIBITOR/THIAZIDE & THIAZIDE-LIKE DIURETIC	-	\$ -	\$ -	72,076	\$ 524,178	\$ 7	-	\$ -	\$ -	72,076	\$ 524,178	\$ 7
184	ANTIHYPERGLYCEMIC, INSULIN-RELEASE STIMULANT TYPE	9	\$ 2,903	\$ 323	50,122	\$ 514,137	\$ 10	-	\$ -	\$ -	50,131	\$ 517,040	\$ 10
185	ANTIPARKINSONISM DRUGS,ANTICHOLINERGIC	8,939	\$ 109,184	\$ 12	32,395	\$ 388,409	\$ 12	-	\$ -	\$ -	41,334	\$ 497,593	\$ 12
186	ANALGESIC,NON-SALICYLATE,BARBITURATE,&XANTHINE CMB	1	\$ 697	\$ 697	21,618	\$ 496,826	\$ 23	-	\$ -	\$ -	21,619	\$ 497,523	\$ 23
187	EYE ANTIINFLAMMATORY AGENTS	745	\$ 174,691	\$ 234	6,747	\$ 317,705	\$ 47	-	\$ -	\$ -	7,492	\$ 492,396	\$ 66
188	ANTIHYPERGLYCEMIC,DPP-4 INHIBITOR & BIGUANIDE COMB	1,338	\$ 476,525	\$ 356	-	\$ -	\$ -	-	\$ -	\$ -	1,338	\$ 476,525	\$ 356
189	VITAMIN K PREPARATIONS	414	\$ 464,318	\$ 1,122	8	\$ 569	\$ 71	-	\$ -	\$ -	422	\$ 464,887	\$ 1,102
190	OPHTHALMIC ANTI-INFLAMMATORY IMMUNOMODULATOR-TYPE	1,036	\$ 463,806	\$ 448	-	\$ -	\$ -	-	\$ -	\$ -	1,036	\$ 463,806	\$ 448
191	TOPICAL LOCAL ANESTHETICS	866	\$ 40,910	\$ 47	9,707	\$ 422,422	\$ 44	-	\$ -	\$ -	10,573	\$ 463,332	\$ 44
192	ALKYLATING AGENTS	674	\$ 44,246	\$ 66	2,052	\$ 417,221	\$ 203	-	\$ -	\$ -	2,726	\$ 461,467	\$ 169
193	SMOKING DETERRENT AGENTS (GANGLIONIC STIM,OTHERS)	56	\$ 17,598	\$ 314	9,993	\$ 439,437	\$ 44	-	\$ -	\$ -	10,049	\$ 457,035	\$ 45
194	PSEUDOBULBAR AFFECT (PBA) AGENTS, NMDA ANTAGONISTS	917	\$ 438,934	\$ 479	-	\$ -	\$ -	-	\$ -	\$ -	917	\$ 438,934	\$ 479
195	TOPICAL ANTIVIRALS	225	\$ 174,584	\$ 776	1,315	\$ 264,242	\$ 201	-	\$ -	\$ -	1,540	\$ 438,826	\$ 285
196	ANTI-ULCER PREPARATIONS	1,404	\$ 205,783	\$ 147	11,897	\$ 225,442	\$ 19	-	\$ -	\$ -	13,301	\$ 431,225	\$ 32
197	ALPHA-ADRENERGIC BLOCKING AGENTS	1,516	\$ 13,768	\$ 9	17,384	\$ 405,679	\$ 23	-	\$ -	\$ -	18,900	\$ 419,448	\$ 22
198	EYE ANTIBIOTIC-CORTICOID COMBINATIONS	1,958	\$ 300,752	\$ 154	5,308	\$ 87,826	\$ 17	-	\$ -	\$ -	7,266	\$ 388,579	\$ 53
199	PARATHYROID HORMONES	44	\$ 387,492	\$ 8,807	-	\$ -	\$ -	-	\$ -	\$ -	44	\$ 387,492	\$ 8,807
200	SBS - GLUCAGON-LIKE PEPTIDE-2 (GLP-2) ANALOGS	11	\$ 379,722	\$ 34,520	-	\$ -	\$ -	-	\$ -	\$ -	11	\$ 379,722	\$ 34,520

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 Pharmacy Costs by Therapeutic Class and Drug Type, Apr 2017 - Mar 2018

Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
201	PRENATAL VITAMIN PREPARATIONS	1,300	\$ 32,101	\$ 25	31,526	\$ 344,395	\$ 11	-	\$ -	\$ -	32,826	\$ 376,496	\$ 11
202	VASODILATORS,CORONARY	801	\$ 36,662	\$ 46	20,876	\$ 331,011	\$ 16	-	\$ -	\$ -	21,677	\$ 367,674	\$ 17
203	INTERLEUKIN-6 (IL-6) RECEPTOR INHIBITORS	152	\$ 362,145	\$ 2,383	-	\$ -	\$ -	-	\$ -	\$ -	152	\$ 362,145	\$ 2,383
204	PULMONARY ANTIHYPERTENSIVES	45	\$ 361,244	\$ 8,028	-	\$ -	\$ -	-	\$ -	\$ -	45	\$ 361,244	\$ 8,028
205	ANTI-INFLAM. INTERLEUKIN-1 RECEPTOR ANTAGONIST	102	\$ 360,358	\$ 3,533	-	\$ -	\$ -	-	\$ -	\$ -	102	\$ 360,358	\$ 3,533
206	HYPERURICEMIA TX - XANTHINE OXIDASE INHIBITORS	885	\$ 261,199	\$ 295	10,720	\$ 96,589	\$ 9	-	\$ -	\$ -	11,605	\$ 357,788	\$ 31
207	OVERACTIVE BLADDER AGENTS, BETA-3 ADRENERGIC RECEPTOR	1,137	\$ 357,197	\$ 314	-	\$ -	\$ -	-	\$ -	\$ -	1,137	\$ 357,197	\$ 314
208	POTASSIUM SPARING DIURETICS	64	\$ 2,440	\$ 38	34,904	\$ 353,745	\$ 10	-	\$ -	\$ -	34,968	\$ 356,185	\$ 10
209	FOLIC ACID PREPARATIONS	439	\$ 157,742	\$ 359	20,474	\$ 198,066	\$ 10	-	\$ -	\$ -	20,913	\$ 355,808	\$ 17
210	ANTICHOLINERGICS,QUATERNARY AMMONIUM	837	\$ 260,791	\$ 312	4,076	\$ 86,885	\$ 21	-	\$ -	\$ -	4,913	\$ 347,676	\$ 71
211	ANTICOAGULANTS,COUMARIN TYPE	597	\$ 56,040	\$ 94	28,041	\$ 276,304	\$ 10	-	\$ -	\$ -	28,638	\$ 332,343	\$ 12
212	CHOLINESTERASE INHIBITORS	338	\$ 208,944	\$ 618	5,312	\$ 119,230	\$ 22	-	\$ -	\$ -	5,650	\$ 328,174	\$ 58
213	ANTIHYPERLIPIDEMIC - APO B-100 SYNTHESIS INHIBITOR	11	\$ 324,917	\$ 29,538	-	\$ -	\$ -	-	\$ -	\$ -	11	\$ 324,917	\$ 29,538
214	METABOLIC DEFICIENCY AGENTS	144	\$ 213,344	\$ 1,482	1,431	\$ 110,847	\$ 77	-	\$ -	\$ -	1,575	\$ 324,191	\$ 206
215	ANGIOTENSIN RECEPTOR ANTAG./THIAZIDE DIURETIC COMB	203	\$ 31,972	\$ 157	31,082	\$ 291,706	\$ 9	-	\$ -	\$ -	31,285	\$ 323,678	\$ 10
216	ANTIVIRALS, HIV-SPEC., NUCLEOSIDE ANALOG, RTI COMB	152	\$ 170,841	\$ 1,124	635	\$ 141,331	\$ 223	-	\$ -	\$ -	787	\$ 312,172	\$ 397
217	HEMATINICS,OTHER	414	\$ 310,389	\$ 750	-	\$ -	\$ -	-	\$ -	\$ -	414	\$ 310,389	\$ 750
218	ANTIPSORIATICS AGENTS	423	\$ 235,122	\$ 556	319	\$ 74,479	\$ 233	-	\$ -	\$ -	742	\$ 309,601	\$ 417
219	BENIGN PROSTATIC HYPERTROPHY/MICTURITION AGENTS	41	\$ 9,253	\$ 226	27,777	\$ 293,690	\$ 11	-	\$ -	\$ -	27,818	\$ 302,944	\$ 11
220	PROGESTATIONAL AGENTS	46	\$ 15,305	\$ 333	17,963	\$ 280,919	\$ 16	-	\$ -	\$ -	18,009	\$ 296,224	\$ 16
221	ANTICHOLINERGICS/ANTISPASMODICS	-	\$ -	\$ -	23,221	\$ 290,449	\$ 13	-	\$ -	\$ -	23,221	\$ 290,449	\$ 13
222	DIABETIC SUPPLIES	185	\$ 6,394	\$ 35	-	\$ -	\$ -	14,483	\$ 283,390	\$ 20	14,668	\$ 289,784	\$ 20
223	CARBONIC ANHYDRASE INHIBITORS	406	\$ 26,298	\$ 65	2,451	\$ 253,222	\$ 103	-	\$ -	\$ -	2,857	\$ 279,520	\$ 98
224	BIPOLAR DISORDER DRUGS	5,672	\$ 94,089	\$ 17	13,136	\$ 185,172	\$ 14	-	\$ -	\$ -	18,808	\$ 279,262	\$ 15
225	CHRONIC INFLAM. COLON DX, 5-A-SALICYLAT,RECTAL TX	286	\$ 252,590	\$ 883	74	\$ 18,285	\$ 247	-	\$ -	\$ -	360	\$ 270,876	\$ 752
226	PLASMA KALLIKREIN INHIBITORS	9	\$ 270,743	\$ 30,083	-	\$ -	\$ -	-	\$ -	\$ -	9	\$ 270,743	\$ 30,083
227	DIETARY SUPPLEMENT, MISCELLANEOUS	1,248	\$ 229,250	\$ 184	264	\$ 32,737	\$ 124	-	\$ -	\$ -	1,512	\$ 261,987	\$ 173
228	ANTIARRHYTHMICS	409	\$ 108,639	\$ 266	7,092	\$ 146,836	\$ 21	-	\$ -	\$ -	7,501	\$ 255,475	\$ 34
229	DRUGS TO TREAT HEREDITARY TYROSINEMIA	12	\$ 253,845	\$ 21,154	-	\$ -	\$ -	-	\$ -	\$ -	12	\$ 253,845	\$ 21,154
230	FIBROMYALGIA AGENTS,SEROTONIN-NOREPINEPH RU INHIB	850	\$ 248,840	\$ 293	-	\$ -	\$ -	-	\$ -	\$ -	850	\$ 248,840	\$ 293
231	XANTHINES	712	\$ 84,169	\$ 118	1,965	\$ 160,980	\$ 82	-	\$ -	\$ -	2,677	\$ 245,148	\$ 92
232	ANTIVIRALS, HIV-SPECIFIC, PROTEASE INHIBITOR COMB	295	\$ 215,288	\$ 730	26	\$ 12,498	\$ 481	-	\$ -	\$ -	321	\$ 227,787	\$ 710
233	IRON REPLACEMENT	1,277	\$ 19,008	\$ 15	22,494	\$ 205,441	\$ 9	-	\$ -	\$ -	23,771	\$ 224,449	\$ 9
234	HEPATITIS C NUCLEOTIDE ANALOG NS5B POLY INHIB	8	\$ 220,853	\$ 27,607	-	\$ -	\$ -	-	\$ -	\$ -	8	\$ 220,853	\$ 27,607
235	POTASSIUM SPARING DIURETICS IN COMBINATION	54	\$ 817	\$ 15	23,922	\$ 215,986	\$ 9	-	\$ -	\$ -	23,976	\$ 216,803	\$ 9
236	CEPHALOSPORINS - 2ND GENERATION	500	\$ 76,120	\$ 152	4,409	\$ 139,875	\$ 32	-	\$ -	\$ -	4,909	\$ 215,995	\$ 44
237	ANTINEOPLASTIC - HEDGEHOG PATHWAY INHIBITOR	20	\$ 207,652	\$ 10,383	-	\$ -	\$ -	-	\$ -	\$ -	20	\$ 207,652	\$ 10,383
238	ANALGESIC/ANTIPYRETICS,NON-SALICYLATE	306	\$ 2,240	\$ 7	24,377	\$ 204,562	\$ 8	-	\$ -	\$ -	24,683	\$ 206,802	\$ 8
239	PHOSPHODIESTERASE-4 (PDE4) INHIBITORS	654	\$ 205,314	\$ 314	-	\$ -	\$ -	-	\$ -	\$ -	654	\$ 205,314	\$ 314
240	ANTIHYPERGLYCEMIC-GLUCOCORTICOID RECEPTOR BLOCKER	8	\$ 204,222	\$ 25,528	-	\$ -	\$ -	-	\$ -	\$ -	8	\$ 204,222	\$ 25,528
241	TOPICAL ANTI-INFLAMMATORY, NSAIDS	126	\$ 103,291	\$ 820	2,148	\$ 100,902	\$ 47	-	\$ -	\$ -	2,274	\$ 204,194	\$ 90
242	INFANT FORMULAS	706	\$ 187,623	\$ 266	47	\$ 11,687	\$ 249	-	\$ -	\$ -	753	\$ 199,310	\$ 265
243	ANTIVIRALS, HIV-SPECIFIC, NUCLEOSIDE ANALOG, RTI	547	\$ 141,293	\$ 258	733	\$ 57,444	\$ 78	-	\$ -	\$ -	1,280	\$ 198,737	\$ 155
244	HEPATITIS C TREATMENT AGENTS	11	\$ 40,169	\$ 3,652	684	\$ 157,308	\$ 230	-	\$ -	\$ -	695	\$ 197,477	\$ 284
245	URINARY TRACT ANESTHETIC/ANALGESIC AGNT (AZO-DYE)	-	\$ -	\$ -	15,013	\$ 196,984	\$ 13	-	\$ -	\$ -	15,013	\$ 196,984	\$ 13
246	ARGININE VASOPRESSIN (AVP) RECEPTOR ANTAGONISTS	23	\$ 195,668	\$ 8,507	-	\$ -	\$ -	-	\$ -	\$ -	23	\$ 195,668	\$ 8,507
247	ANTIHYPERTENSIVES, VASODILATORS	4,937	\$ 51,303	\$ 10	13,121	\$ 144,112	\$ 11	-	\$ -	\$ -	18,058	\$ 195,415	\$ 11
248	SELECTIVE RETINOID X RECEPTOR AGONISTS (RXR)	1	\$ 9,789	\$ 9,789	8	\$ 185,550	\$ 23,194	-	\$ -	\$ -	9	\$ 195,339	\$ 21,704
249	ANTINEOPLASTIC - AROMATASE INHIBITORS	9	\$ 5,436	\$ 604	8,809	\$ 189,564	\$ 22	-	\$ -	\$ -	8,818	\$ 195,000	\$ 22
250	NSAID, COX INHIBITOR-TYPE & PROTON PUMP INHIB COMB	95	\$ 194,610	\$ 2,049	-	\$ -	\$ -	-	\$ -	\$ -	95	\$ 194,610	\$ 2,049

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 Pharmacy Costs by Therapeutic Class and Drug Type, Apr 2017 - Mar 2018

Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
251	OPHTHALMIC CYSTINE DEPLETING AGENTS	34	\$ 181,491	\$ 5,338	-	\$ -	\$ -	-	\$ -	\$ -	34	\$ 181,491	\$ 5,338
252	VAGINAL ANTIFUNGALS	66	\$ 1,788	\$ 27	6,496	\$ 178,367	\$ 27	-	\$ -	\$ -	6,562	\$ 180,155	\$ 27
253	BARBITURATES	1,507	\$ 70,443	\$ 47	2,755	\$ 109,036	\$ 40	-	\$ -	\$ -	4,262	\$ 179,478	\$ 42
254	ANTI-ULCER-H.PYLORI AGENTS	200	\$ 158,689	\$ 793	49	\$ 14,245	\$ 291	-	\$ -	\$ -	249	\$ 172,934	\$ 695
255	TOPICAL ANTINEOPLASTIC & PREMALIGNANT LESION AGNTS	19	\$ 139,664	\$ 7,351	228	\$ 24,318	\$ 107	-	\$ -	\$ -	247	\$ 163,981	\$ 664
256	DIGITALIS GLYCOSIDES	691	\$ 54,177	\$ 78	6,370	\$ 108,512	\$ 17	-	\$ -	\$ -	7,061	\$ 162,689	\$ 23
257	ANTIFIBRINOLYTIC AGENTS	173	\$ 158,236	\$ 915	49	\$ 3,397	\$ 69	-	\$ -	\$ -	222	\$ 161,633	\$ 728
258	HEPATITIS B TREATMENT AGENTS	92	\$ 55,413	\$ 602	566	\$ 102,423	\$ 181	-	\$ -	\$ -	658	\$ 157,835	\$ 240
259	BELLADONNA ALKALOIDS	-	\$ -	\$ -	11,105	\$ 154,987	\$ 14	-	\$ -	\$ -	11,105	\$ 154,987	\$ 14
260	NSAID & HISTAMINE H2 RECEPTOR ANTAGONIST COMB.	102	\$ 154,008	\$ 1,510	-	\$ -	\$ -	-	\$ -	\$ -	102	\$ 154,008	\$ 1,510
261	EYE ANTI-INFLAMMATORY AGENTS	826	\$ 138,508	\$ 168	313	\$ 13,633	\$ 44	-	\$ -	\$ -	1,139	\$ 152,140	\$ 134
262	ANTIDIARRHEALS	1,342	\$ 25,953	\$ 19	5,532	\$ 121,676	\$ 22	-	\$ -	\$ -	6,874	\$ 147,628	\$ 21
263	BRADYKININ B2 RECEPTOR ANTAGONISTS	5	\$ 146,409	\$ 29,282	-	\$ -	\$ -	-	\$ -	\$ -	5	\$ 146,409	\$ 29,282
264	NARCOTIC ANTAGONISTS	1,038	\$ 129,394	\$ 125	738	\$ 16,726	\$ 23	-	\$ -	\$ -	1,776	\$ 146,120	\$ 82
265	IRRITABLE BOWEL SYND. AGENT,5HT-3 ANTAGONIST-TYPE	139	\$ 141,773	\$ 1,020	-	\$ -	\$ -	-	\$ -	\$ -	139	\$ 141,773	\$ 1,020
266	COLCHICINE	102	\$ 4,169	\$ 41	883	\$ 136,909	\$ 155	-	\$ -	\$ -	985	\$ 141,078	\$ 143
267	ANTIVIRALS, HIV-SPECIFIC, CCR5 CO-RECEPTOR ANTAG.	95	\$ 138,711	\$ 1,460	-	\$ -	\$ -	-	\$ -	\$ -	95	\$ 138,711	\$ 1,460
268	DENTAL AIDS AND PREPARATIONS	10,430	\$ 105,603	\$ 10	851	\$ 32,235	\$ 38	-	\$ -	\$ -	11,281	\$ 137,838	\$ 12
269	TX FOR ADHD - SELECTIVE ALPHA-2A RECEPTOR AGONIST	419	\$ 134,796	\$ 322	-	\$ -	\$ -	-	\$ -	\$ -	419	\$ 134,796	\$ 322
270	NARCOLEPSY AND SLEEP DISORDER THERAPY AGENTS	5	\$ 3,216	\$ 643	1,797	\$ 129,952	\$ 72	-	\$ -	\$ -	1,802	\$ 133,168	\$ 74
271	C1 ESTERASE INHIBITORS	3	\$ 132,909	\$ 44,303	-	\$ -	\$ -	-	\$ -	\$ -	3	\$ 132,909	\$ 44,303
272	URINARY PH MODIFIERS	132	\$ 6,958	\$ 53	2,402	\$ 125,517	\$ 52	-	\$ -	\$ -	2,534	\$ 132,475	\$ 52
273	GENERAL INHALATION AGENTS	431	\$ 22,459	\$ 52	3,735	\$ 108,301	\$ 29	-	\$ -	\$ -	4,166	\$ 130,760	\$ 31
274	INSULIN-LIKE GROWTH FACTOR-1 (IGF-1) HORMONES	8	\$ 130,145	\$ 16,268	-	\$ -	\$ -	-	\$ -	\$ -	8	\$ 130,145	\$ 16,268
275	ANTINEOPLASTICS,MISCELLANEOUS	50	\$ 73,669	\$ 1,473	23	\$ 55,603	\$ 2,418	-	\$ -	\$ -	73	\$ 129,272	\$ 1,771
276	SELECTIVE ESTROGEN RECEPTOR MODULATORS (SERM)	1,306	\$ 72,231	\$ 55	3,243	\$ 56,990	\$ 18	-	\$ -	\$ -	4,549	\$ 129,221	\$ 28
277	ANTILEPTOTICS	261	\$ 99,024	\$ 379	412	\$ 30,060	\$ 73	-	\$ -	\$ -	673	\$ 129,084	\$ 192
278	ANTI-ARTHRITIC AND CHELATING AGENTS	8	\$ 125,825	\$ 15,728	-	\$ -	\$ -	-	\$ -	\$ -	8	\$ 125,825	\$ 15,728
279	CARBAPENEMS (THIENAMYCINS)	186	\$ 91,992	\$ 495	193	\$ 33,415	\$ 173	-	\$ -	\$ -	379	\$ 125,407	\$ 331
280	LOCAL ANESTHETICS	51	\$ 638	\$ 13	8,783	\$ 124,759	\$ 14	-	\$ -	\$ -	8,834	\$ 125,397	\$ 14
281	KERATOLYTICS	2,716	\$ 32,621	\$ 12	3,836	\$ 89,689	\$ 23	-	\$ -	\$ -	6,552	\$ 122,311	\$ 19
282	SEDATIVE-HYPNOTICS, NON-BARBITURATE	166	\$ 15,699	\$ 95	13,223	\$ 106,550	\$ 8	-	\$ -	\$ -	13,389	\$ 122,249	\$ 9
283	ANTI-INFLAMMATORY, PYRIMIDINE SYNTHESIS INHIBITOR	-	\$ -	\$ -	1,638	\$ 121,373	\$ 74	-	\$ -	\$ -	1,638	\$ 121,373	\$ 74
284	INTESTINAL MOTILITY STIMULANTS	631	\$ 8,815	\$ 14	11,346	\$ 105,315	\$ 9	-	\$ -	\$ -	11,977	\$ 114,131	\$ 10
285	VANCOMYCIN AND DERIVATIVES	136	\$ 12,787	\$ 94	496	\$ 99,569	\$ 201	-	\$ -	\$ -	632	\$ 112,356	\$ 178
286	OXAZOLIDINONES	14	\$ 24,681	\$ 1,763	507	\$ 87,409	\$ 172	-	\$ -	\$ -	521	\$ 112,090	\$ 215
287	TOPICAL SULFONAMIDES	4	\$ 1,198	\$ 299	5,231	\$ 109,975	\$ 21	-	\$ -	\$ -	5,235	\$ 111,172	\$ 21
288	OXYTOCICS	-	\$ -	\$ -	287	\$ 104,255	\$ 363	-	\$ -	\$ -	287	\$ 104,255	\$ 363
289	NSAIDS,CYCLOOXYGENASE-2(COX-2) SELECTIVE INHIBITOR	-	\$ -	\$ -	4,782	\$ 102,938	\$ 22	-	\$ -	\$ -	4,782	\$ 102,938	\$ 22
290	PEDIATRIC VITAMIN PREPARATIONS	4,968	\$ 55,055	\$ 11	4,606	\$ 45,555	\$ 10	-	\$ -	\$ -	9,574	\$ 100,610	\$ 11
291	THROMBIN INHIBITORS,SELECTIVE,DIRECT, & REVERSIBLE	286	\$ 100,182	\$ 350	-	\$ -	\$ -	-	\$ -	\$ -	286	\$ 100,182	\$ 350
292	ANTIPROTOZOAL DRUGS,MISCELLANEOUS	1	\$ 670	\$ 670	136	\$ 97,761	\$ 719	-	\$ -	\$ -	137	\$ 98,431	\$ 718
293	ANTIANGINAL, HEART RATE REDUCING, I(F) INHIBITOR	242	\$ 98,105	\$ 405	-	\$ -	\$ -	-	\$ -	\$ -	242	\$ 98,105	\$ 405
294	AMYOTROPHIC LATERAL SCLEROSIS AGENTS	63	\$ 96,251	\$ 1,528	14	\$ 1,465	\$ 105	-	\$ -	\$ -	77	\$ 97,716	\$ 1,269
295	BONE RESORPTION INHIBITORS	-	\$ -	\$ -	7,953	\$ 96,703	\$ 12	-	\$ -	\$ -	7,953	\$ 96,703	\$ 12
296	HYPNOTICS, MELATONIN MT1/MT2 RECEPTOR AGONISTS	238	\$ 92,849	\$ 390	-	\$ -	\$ -	-	\$ -	\$ -	238	\$ 92,849	\$ 390
297	NUTRITIONAL THERAPY, MED COND SPECIAL FORMULATION	201	\$ 92,697	\$ 461	-	\$ -	\$ -	-	\$ -	\$ -	201	\$ 92,697	\$ 461
298	ANTIHYPERTENSIVES, MISCELLANEOUS	60	\$ 2,809	\$ 47	5,910	\$ 88,578	\$ 15	-	\$ -	\$ -	5,970	\$ 91,387	\$ 15
299	EXPECTORANTS	46	\$ 511	\$ 11	10,324	\$ 86,489	\$ 8	-	\$ -	\$ -	10,370	\$ 87,000	\$ 8
300	ANTITHYROID PREPARATIONS	88	\$ 4,550	\$ 52	5,681	\$ 81,412	\$ 14	-	\$ -	\$ -	5,769	\$ 85,962	\$ 15

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Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
301	MYDRIATICS	-	\$ -	\$ -	1,655	\$ 84,205	\$ 51	-	\$ -	\$ -	1,655	\$ 84,205	\$ 51
302	MU-OPIOID RECEPTOR ANTAGONISTS,PERIPHERALLY-ACTING	128	\$ 79,999	\$ 625	-	\$ -	\$ -	-	\$ -	\$ -	128	\$ 79,999	\$ 625
303	ANTIHYPERTENSIVE - PCSK9 INHIBITORS	72	\$ 77,827	\$ 1,081	-	\$ -	\$ -	-	\$ -	\$ -	72	\$ 77,827	\$ 1,081
304	PROTEIN REPLACEMENT	258	\$ 77,071	\$ 299	32	\$ 608	\$ 19	-	\$ -	\$ -	290	\$ 77,679	\$ 268
305	PINEAL HORMONE AGENTS	832	\$ 9,926	\$ 12	5,405	\$ 67,465	\$ 12	-	\$ -	\$ -	6,237	\$ 77,390	\$ 12
306	ANTISEPTICS,GENERAL	2,501	\$ 16,618	\$ 7	2,813	\$ 25,599	\$ 9	4,820	\$ 34,687	\$ 7	10,134	\$ 76,903	\$ 8
307	ANTIVIRALS, HIV-SPECIFIC, FUSION INHIBITORS	21	\$ 72,768	\$ 3,465	-	\$ -	\$ -	-	\$ -	\$ -	21	\$ 72,768	\$ 3,465
308	HYPERURICEMIA TX - PURINE INHIBITORS	-	\$ -	\$ -	6,128	\$ 69,766	\$ 11	-	\$ -	\$ -	6,128	\$ 69,766	\$ 11
309	ANTISEBORRHEIC AGENTS	1,315	\$ 19,611	\$ 15	538	\$ 49,910	\$ 93	-	\$ -	\$ -	1,853	\$ 69,521	\$ 38
310	SOMATOSTATIC AGENTS	8	\$ 39,556	\$ 4,944	47	\$ 28,338	\$ 603	-	\$ -	\$ -	55	\$ 67,894	\$ 1,234
311	ANTI-ARTHRITIC, FOLATE ANTAGONIST AGENTS	121	\$ 67,117	\$ 555	-	\$ -	\$ -	-	\$ -	\$ -	121	\$ 67,117	\$ 555
312	BULK CHEMICALS	-	\$ -	\$ -	113	\$ 64,014	\$ 566	15	\$ 1,005	\$ 67	128	\$ 65,019	\$ 508
313	NON-NARCOTIC ANTITUSSIVE AND EXPECTORANT COMB.	233	\$ 3,837	\$ 16	7,567	\$ 60,633	\$ 8	-	\$ -	\$ -	7,800	\$ 64,471	\$ 8
314	EMOLLIENTS	45	\$ 3,209	\$ 71	2,248	\$ 54,961	\$ 24	-	\$ -	\$ -	2,293	\$ 58,171	\$ 25
315	ANTINEOPLASTIC - TOPOISOMERASE I INHIBITORS	14	\$ 58,133	\$ 4,152	-	\$ -	\$ -	-	\$ -	\$ -	14	\$ 58,133	\$ 4,152
316	PCSK9 INHIBITORS	53	\$ 56,036	\$ 1,057	-	\$ -	\$ -	-	\$ -	\$ -	53	\$ 56,036	\$ 1,057
317	APPETITE STIM. FOR ANOREXIA,CACHEXIA,WASTING SYND.	-	\$ -	\$ -	1,617	\$ 55,915	\$ 35	-	\$ -	\$ -	1,617	\$ 55,915	\$ 35
318	NOSE PREPARATIONS, MISCELLANEOUS (RX)	-	\$ -	\$ -	2,773	\$ 54,772	\$ 20	-	\$ -	\$ -	2,773	\$ 54,772	\$ 20
319	ANTIPSYCHOTICS,DOPAMINE ANTAGONISTS, THIOXANTHENES	-	\$ -	\$ -	540	\$ 52,033	\$ 96	-	\$ -	\$ -	540	\$ 52,033	\$ 96
320	EYE SULFONAMIDES	1,599	\$ 50,874	\$ 32	30	\$ 639	\$ 21	-	\$ -	\$ -	1,629	\$ 51,514	\$ 32
321	GROWTH HORMONE RECEPTOR ANTAGONISTS	10	\$ 51,283	\$ 5,128	-	\$ -	\$ -	-	\$ -	\$ -	10	\$ 51,283	\$ 5,128
322	EAR PREPARATIONS, MISC. ANTI-INFECTIVES	446	\$ 33,466	\$ 75	193	\$ 17,776	\$ 92	-	\$ -	\$ -	639	\$ 51,242	\$ 80
323	5-LIPOXYGENASE INHIBITORS	9	\$ 21,394	\$ 2,377	18	\$ 29,566	\$ 1,643	-	\$ -	\$ -	27	\$ 50,960	\$ 1,887
324	MAST CELL STABILIZERS	-	\$ -	\$ -	88	\$ 49,702	\$ 565	-	\$ -	\$ -	88	\$ 49,702	\$ 565
325	2ND GEN ANTIHISTAMINE & DECONGESTANT COMBINATIONS	19	\$ 823	\$ 43	2,441	\$ 48,435	\$ 20	-	\$ -	\$ -	2,460	\$ 49,257	\$ 20
326	PITUITARY SUPPRESSIVE AGENTS	507	\$ 30,335	\$ 60	443	\$ 18,689	\$ 42	-	\$ -	\$ -	950	\$ 49,024	\$ 52
327	ANALGESICS, NARCOTIC AGONIST AND NSAID COMBINATION	-	\$ -	\$ -	933	\$ 47,927	\$ 51	-	\$ -	\$ -	933	\$ 47,927	\$ 51
328	MINERALOCORTICIDS	2,713	\$ 47,041	\$ 17	8	\$ 155	\$ 19	-	\$ -	\$ -	2,721	\$ 47,196	\$ 17
329	ANTIHYPERTENSIVE,THIAZOLIDINEDIONE(PPARG AGONIST)	9	\$ 1,476	\$ 164	4,473	\$ 45,569	\$ 10	-	\$ -	\$ -	4,482	\$ 47,045	\$ 10
330	FLUORIDE PREPARATIONS	-	\$ -	\$ -	4,431	\$ 46,196	\$ 10	-	\$ -	\$ -	4,431	\$ 46,196	\$ 10
331	NUTRITIONAL TX, PHENYLKETONURIA (PKU) FORMULATIONS	47	\$ 42,505	\$ 904	-	\$ -	\$ -	-	\$ -	\$ -	47	\$ 42,505	\$ 904
332	RECTAL PREPARATIONS	1	\$ 121	\$ 121	1,159	\$ 41,391	\$ 36	-	\$ -	\$ -	1,160	\$ 41,512	\$ 36
333	URINE ACETONE TEST AIDS	23	\$ 191	\$ 8	464	\$ 5,276	\$ 11	2,911	\$ 34,899	\$ 12	3,398	\$ 40,367	\$ 12
334	PARASYMPATHETIC AGENTS	-	\$ -	\$ -	1,033	\$ 40,247	\$ 39	-	\$ -	\$ -	1,033	\$ 40,247	\$ 39
335	ANTIPARASITICS	46	\$ 37,247	\$ 810	-	\$ -	\$ -	-	\$ -	\$ -	46	\$ 37,247	\$ 810
336	CYCLIC LIPOPEPTIDES	21	\$ 18,404	\$ 876	24	\$ 16,781	\$ 699	-	\$ -	\$ -	45	\$ 35,186	\$ 782
337	SODIUM/SALINE PREPARATIONS	455	\$ 13,757	\$ 30	741	\$ 21,023	\$ 28	-	\$ -	\$ -	1,196	\$ 34,780	\$ 29
338	ANTIDIARRHEAL MICROORGANISMS AGENTS	766	\$ 27,329	\$ 36	129	\$ 4,783	\$ 37	-	\$ -	\$ -	895	\$ 32,112	\$ 36
339	IRRIGANTS	130	\$ 3,947	\$ 30	765	\$ 27,771	\$ 36	-	\$ -	\$ -	895	\$ 31,718	\$ 35
340	MULTIVITAMIN PREPARATIONS	639	\$ 25,066	\$ 39	469	\$ 5,439	\$ 12	-	\$ -	\$ -	1,108	\$ 30,505	\$ 28
341	CHEMOTHERAPEUTICS, ANTIBACTERIAL, MISC.	175	\$ 12,503	\$ 71	488	\$ 17,806	\$ 36	-	\$ -	\$ -	663	\$ 30,309	\$ 46
342	ANTIHYPERTENSIVE,INSULIN-REL STIM.& BIGUANIDE CMB	-	\$ -	\$ -	1,891	\$ 28,895	\$ 15	-	\$ -	\$ -	1,891	\$ 28,895	\$ 15
343	ALZHEIMER'S THERAPY, NMDA RECEPTOR ANTAGONISTS	43	\$ 14,184	\$ 330	1,020	\$ 14,622	\$ 14	-	\$ -	\$ -	1,063	\$ 28,806	\$ 27
344	ANTINEOPLASTIC,HISTONE DEACETYLASE INHIBITORS,HDIS	8	\$ 27,874	\$ 3,484	-	\$ -	\$ -	-	\$ -	\$ -	8	\$ 27,874	\$ 3,484
345	ANTI-MYCOBACTERIUM AGENTS	62	\$ 4,587	\$ 74	442	\$ 23,121	\$ 52	-	\$ -	\$ -	504	\$ 27,708	\$ 55
346	MONOAMINE OXIDASE(MAO) INHIBITORS	17	\$ 27,031	\$ 1,590	-	\$ -	\$ -	-	\$ -	\$ -	17	\$ 27,031	\$ 1,590
347	SSRI & ANTIPSYCH,ATYP,DOPAMINE&SEROTONIN ANTAG CMB	-	\$ -	\$ -	72	\$ 26,602	\$ 369	-	\$ -	\$ -	72	\$ 26,602	\$ 369
348	POLYMYXIN AND DERIVATIVES	-	\$ -	\$ -	42	\$ 25,627	\$ 610	-	\$ -	\$ -	42	\$ 25,627	\$ 610
349	THICKENING AGENTS, ORAL	449	\$ 25,148	\$ 56	1	\$ 16	\$ 16	-	\$ -	\$ -	450	\$ 25,164	\$ 56
350	CHEMOTHERAPY RESCUE/ANTIDOTE AGENTS	148	\$ 19,369	\$ 131	76	\$ 5,546	\$ 73	-	\$ -	\$ -	224	\$ 24,916	\$ 111

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 Pharmacy Costs by Therapeutic Class and Drug Type, Apr 2017 - Mar 2018

Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
351	NOSE PREPARATIONS, MISCELLANEOUS (OTC)	394	\$ 2,673	\$ 7	4,408	\$ 22,001	\$ 5	-	\$ -	\$ -	4,802	\$ 24,674	\$ 5
352	IMMUNOMODULATOR,B-LYMPHOCYTE STIM(BLYS)-SPEC INHIB	7	\$ 24,006	\$ 3,429	-	\$ -	\$ -	-	\$ -	\$ -	7	\$ 24,006	\$ 3,429
353	HEMORRHOIDAL PREP,ANTI-INFLAM STEROID/LOCAL ANESTH	4	\$ 543	\$ 136	137	\$ 22,985	\$ 168	-	\$ -	\$ -	141	\$ 23,528	\$ 167
354	BETA-ADRENERGIC BLOCKING AGENTS/THIAZIDE & RELATED	-	\$ -	\$ -	2,064	\$ 23,495	\$ 11	-	\$ -	\$ -	2,064	\$ 23,495	\$ 11
355	IRRITABLE BOWEL SYNDROME AGENTS, 5-HT3 ANTAGONIST	10	\$ 23,342	\$ 2,334	-	\$ -	\$ -	-	\$ -	\$ -	10	\$ 23,342	\$ 2,334
356	TRICYCLIC ANTIDEPRESSANT/PHENOTHIAZINE COMBINATNS	273	\$ 22,971	\$ 84	-	\$ -	\$ -	-	\$ -	\$ -	273	\$ 22,971	\$ 84
357	VITAMIN B12 PREPARATIONS	55	\$ 14,039	\$ 255	414	\$ 7,110	\$ 17	-	\$ -	\$ -	469	\$ 21,149	\$ 45
358	POSTHERPETIC NEURALGIA AGENTS	46	\$ 20,600	\$ 448	-	\$ -	\$ -	-	\$ -	\$ -	46	\$ 20,600	\$ 448
359	ROSACEA AGENTS, TOPICAL	2	\$ 933	\$ 466	276	\$ 19,664	\$ 71	-	\$ -	\$ -	278	\$ 20,596	\$ 74
360	ANGIOTEN.RECEPTR ANTAG./CAL.CHANL BLKR/THIAZIDE CB	-	\$ -	\$ -	285	\$ 20,130	\$ 71	-	\$ -	\$ -	285	\$ 20,130	\$ 71
361	EYE ANTIVIRALS	20	\$ 6,043	\$ 302	118	\$ 13,680	\$ 116	-	\$ -	\$ -	138	\$ 19,723	\$ 143
362	SYMPATHOMIMETIC AGENTS	27	\$ 324	\$ 12	2,394	\$ 18,978	\$ 8	-	\$ -	\$ -	2,421	\$ 19,302	\$ 8
363	ANTIPSYCH,DOPAMINE ANTAG.,DIPHENYLBUTYLPIPERIDINES	-	\$ -	\$ -	188	\$ 19,069	\$ 101	-	\$ -	\$ -	188	\$ 19,069	\$ 101
364	DIABETIC ULCER PREPARATIONS, TOPICAL	17	\$ 19,056	\$ 1,121	-	\$ -	\$ -	-	\$ -	\$ -	17	\$ 19,056	\$ 1,121
365	STEROID ANTINEOPLASTICS	498	\$ 9,448	\$ 19	590	\$ 9,368	\$ 16	-	\$ -	\$ -	1,088	\$ 18,816	\$ 17
366	LAXATIVES, LOCAL/RECTAL	341	\$ 12,793	\$ 38	674	\$ 5,183	\$ 8	-	\$ -	\$ -	1,015	\$ 17,976	\$ 18
367	ANTIHYPERGLYCEMIC, INSULIN-RESPONSE ENHANCER (N-S)	11	\$ 6,790	\$ 617	985	\$ 10,372	\$ 11	-	\$ -	\$ -	996	\$ 17,162	\$ 17
368	ANTITUBERCULAR ANTIBIOTICS	2	\$ 37	\$ 19	630	\$ 16,296	\$ 26	-	\$ -	\$ -	632	\$ 16,333	\$ 26
369	ANTINEOPLASTIC LHRH(GNRH) AGONIST,PITUITARY SUPPR.	3	\$ 15,567	\$ 5,189	1	\$ 556	\$ 556	-	\$ -	\$ -	4	\$ 16,123	\$ 4,031
370	ANALGESIC/ANTIPYRETICS, SALICYLATES	26	\$ 160	\$ 6	1,207	\$ 15,603	\$ 13	-	\$ -	\$ -	1,233	\$ 15,762	\$ 13
371	ANTI-INFLAMMATORY, INTERLEUKIN-1 BETA BLOCKERS	1	\$ 15,580	\$ 15,580	-	\$ -	\$ -	-	\$ -	\$ -	1	\$ 15,580	\$ 15,580
372	ANTINEOPLAST,HISTONE DEACETYLASE (HDAC) INHIBITORS	2	\$ 15,548	\$ 7,774	-	\$ -	\$ -	-	\$ -	\$ -	2	\$ 15,548	\$ 7,774
373	EYE ANTIBIOTIC AND GLUCOCORTICOID COMBINATIONS	-	\$ -	\$ -	871	\$ 15,431	\$ 18	-	\$ -	\$ -	871	\$ 15,431	\$ 18
374	GOLD SALTS	12	\$ 14,977	\$ 1,248	-	\$ -	\$ -	-	\$ -	\$ -	12	\$ 14,977	\$ 1,248
375	HYPERPARATHYROID TX AGENTS - VITAMIN D ANALOG-TYPE	13	\$ 11,723	\$ 902	8	\$ 3,106	\$ 388	-	\$ -	\$ -	21	\$ 14,830	\$ 706
376	SMOKING DETERRENTS, OTHER	-	\$ -	\$ -	576	\$ 13,604	\$ 24	-	\$ -	\$ -	576	\$ 13,604	\$ 24
377	GRAM POSITIVE COCCI VACCINES	117	\$ 13,524	\$ 116	-	\$ -	\$ -	-	\$ -	\$ -	117	\$ 13,524	\$ 116
378	VITAMIN B PREPARATIONS	118	\$ 2,772	\$ 23	824	\$ 9,438	\$ 11	-	\$ -	\$ -	942	\$ 12,210	\$ 13
379	CEPHALOSPORINS - 4TH GENERATION	8	\$ 481	\$ 60	106	\$ 11,562	\$ 109	-	\$ -	\$ -	114	\$ 12,042	\$ 106
380	RENIN INHIBITOR, DIRECT	58	\$ 11,738	\$ 202	-	\$ -	\$ -	-	\$ -	\$ -	58	\$ 11,738	\$ 202
381	OPHTHALMIC MAST CELL STABILIZERS	30	\$ 5,979	\$ 199	415	\$ 5,123	\$ 12	-	\$ -	\$ -	445	\$ 11,102	\$ 25
382	TOPICAL GENITAL WART-HPV TREATMENT AGENTS	10	\$ 9,624	\$ 962	-	\$ -	\$ -	-	\$ -	\$ -	10	\$ 9,624	\$ 962
383	ANTIHYPERLIP.HMG COA REDUCT INHIB&CHOLEST.AB.INHIB	24	\$ 6,729	\$ 280	23	\$ 2,153	\$ 94	-	\$ -	\$ -	47	\$ 8,882	\$ 189
384	ANALGESIC, NON-SALICYLATE & BARBITURATE COMB.	-	\$ -	\$ -	458	\$ 8,781	\$ 19	-	\$ -	\$ -	458	\$ 8,781	\$ 19
385	NSAIDS (COX NON-SPECIFIC INHIB)& PROSTAGLANDIN CMB	-	\$ -	\$ -	100	\$ 8,176	\$ 82	-	\$ -	\$ -	100	\$ 8,176	\$ 82
386	DRUGS TO TREAT IMPOTENCY	5	\$ 7,944	\$ 1,589	-	\$ -	\$ -	-	\$ -	\$ -	5	\$ 7,944	\$ 1,589
387	ANTIHYPERGLYCEMIC,THIAZOLIDINEDIONE & BIGUANIDE	-	\$ -	\$ -	126	\$ 7,586	\$ 60	-	\$ -	\$ -	126	\$ 7,586	\$ 60
388	LOCAL ANORECTAL NITRATE PREPARATIONS	13	\$ 7,237	\$ 557	-	\$ -	\$ -	-	\$ -	\$ -	13	\$ 7,237	\$ 557
389	EYE PREPARATIONS, MISCELLANEOUS (OTC)	80	\$ 4,382	\$ 55	101	\$ 2,776	\$ 27	-	\$ -	\$ -	181	\$ 7,158	\$ 40
390	1ST GEN ANTIHISTAMINE & DECONGESTANT COMBINATIONS	4	\$ 156	\$ 39	644	\$ 6,953	\$ 11	-	\$ -	\$ -	648	\$ 7,108	\$ 11
391	ANTIHYPERGLYCEMIC, ALPHA-GLUCOSIDASE INHIBITORS	-	\$ -	\$ -	308	\$ 7,061	\$ 23	-	\$ -	\$ -	308	\$ 7,061	\$ 23
392	MAGNESIUM SALTS REPLACEMENT	165	\$ 3,054	\$ 19	365	\$ 3,898	\$ 11	-	\$ -	\$ -	530	\$ 6,952	\$ 13
393	GRAM (-) BACILLI (NON-ENTERIC) VACCINES	101	\$ 6,659	\$ 66	-	\$ -	\$ -	-	\$ -	\$ -	101	\$ 6,659	\$ 66
394	URICOSURIC AGENTS	248	\$ 6,573	\$ 27	2	\$ 55	\$ 27	-	\$ -	\$ -	250	\$ 6,628	\$ 27
395	SICKLE CELL ANEMIA AGENTS	3	\$ 6,481	\$ 2,160	-	\$ -	\$ -	-	\$ -	\$ -	3	\$ 6,481	\$ 2,160
396	ANGIOTENSIN RECEPTOR ANTGNST & CALC.CHANNEL BLOCKR	-	\$ -	\$ -	313	\$ 6,029	\$ 19	-	\$ -	\$ -	313	\$ 6,029	\$ 19
397	BLOOD TESTING PREPARATIONS,IN-VITRO	-	\$ -	\$ -	-	\$ -	\$ -	116	\$ 5,884	\$ 51	116	\$ 5,884	\$ 51
398	PLATELET REDUCING AGENTS	-	\$ -	\$ -	80	\$ 5,708	\$ 71	-	\$ -	\$ -	80	\$ 5,708	\$ 71
399	MAOIS - NON-SELECTIVE & IRREVERSIBLE	-	\$ -	\$ -	50	\$ 5,514	\$ 110	-	\$ -	\$ -	50	\$ 5,514	\$ 110
400	ANTIHYPERGLYCEMIC - DOPAMINE RECEPTOR AGONISTS	22	\$ 5,373	\$ 244	-	\$ -	\$ -	-	\$ -	\$ -	22	\$ 5,373	\$ 244

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Pharmacy Costs by Therapeutic Class and Drug Type, Apr 2017 - Mar 2018

Exhibit 7f

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
401	RECTAL/LOWER BOWEL PREP.,GLUCOCORT. (NON-HEMORR)	11	\$ 5,357	\$ 487	-	\$ -	\$ -	-	\$ -	\$ -	11	\$ 5,357	\$ 487
402	ANTACIDS	154	\$ 2,494	\$ 16	217	\$ 2,497	\$ 12	-	\$ -	\$ -	371	\$ 4,991	\$ 13
403	VIRAL/TUMORIGENIC VACCINES	33	\$ 4,988	\$ 151	-	\$ -	\$ -	-	\$ -	\$ -	33	\$ 4,988	\$ 151
404	HEMORRHEOLOGIC AGENTS	-	\$ -	\$ -	246	\$ 4,530	\$ 18	-	\$ -	\$ -	246	\$ 4,530	\$ 18
405	ANTIHYPERGLYCEMIC, ALPHA-GLUCOSIDASE INHIB (N-S)	16	\$ 3,494	\$ 218	45	\$ 1,006	\$ 22	-	\$ -	\$ -	61	\$ 4,500	\$ 74
406	SOLVENTS	11	\$ 1,705	\$ 155	64	\$ 2,623	\$ 41	-	\$ -	\$ -	75	\$ 4,328	\$ 58
407	VITAMIN E PREPARATIONS	9	\$ 362	\$ 40	75	\$ 3,936	\$ 52	-	\$ -	\$ -	84	\$ 4,298	\$ 51
408	VASODILATORS, COMBINATION	22	\$ 3,925	\$ 178	-	\$ -	\$ -	-	\$ -	\$ -	22	\$ 3,925	\$ 178
409	CALCIUM REPLACEMENT	52	\$ 506	\$ 10	303	\$ 2,762	\$ 9	-	\$ -	\$ -	355	\$ 3,268	\$ 9
410	TOPICAL ANTI-INFLAMMATORY STEROID-LOCAL ANESTHETIC	-	\$ -	\$ -	100	\$ 3,161	\$ 32	-	\$ -	\$ -	100	\$ 3,161	\$ 32
411	FOLLICLE-STIMULATING HORMONE (FSH)	7	\$ 3,122	\$ 446	-	\$ -	\$ -	-	\$ -	\$ -	7	\$ 3,122	\$ 446
412	ANTIHYPERGLY,DPP-4 ENZYME INHIB &THIAZOLIDINEDIONE	-	\$ -	\$ -	17	\$ 3,065	\$ 180	-	\$ -	\$ -	17	\$ 3,065	\$ 180
413	NASAL ANTIHISTAMINE & ANTI-INFLAM. STEROID COMB.	17	\$ 2,877	\$ 169	-	\$ -	\$ -	-	\$ -	\$ -	17	\$ 2,877	\$ 169
414	TOPICAL VIT D ANALOG/ANTI-INFLAMMATORY STEROID	3	\$ 2,777	\$ 926	-	\$ -	\$ -	-	\$ -	\$ -	3	\$ 2,777	\$ 926
415	PHOSPHATE REPLACEMENT	45	\$ 2,099	\$ 47	8	\$ 522	\$ 65	-	\$ -	\$ -	53	\$ 2,621	\$ 49
416	VACCINE/TOXOID PREPARATIONS,COMBINATIONS	44	\$ 2,359	\$ 54	3	\$ 104	\$ 35	-	\$ -	\$ -	47	\$ 2,463	\$ 52
417	ACE INHIBITOR/CALCIUM CHANNEL BLOCKER COMBINATION	12	\$ 2,262	\$ 189	17	\$ 178	\$ 10	-	\$ -	\$ -	29	\$ 2,441	\$ 84
418	VITAMIN B6 PREPARATIONS	-	\$ -	\$ -	257	\$ 2,391	\$ 9	-	\$ -	\$ -	257	\$ 2,391	\$ 9
419	TRICYCLIC ANTIDEPRESSANT/BENZODIAZEPINE COMBINATNS	-	\$ -	\$ -	37	\$ 2,368	\$ 64	-	\$ -	\$ -	37	\$ 2,368	\$ 64
420	ALLERGENIC EXTRACTS, THERAPEUTICS	6	\$ 2,368	\$ 395	-	\$ -	\$ -	-	\$ -	\$ -	6	\$ 2,368	\$ 395
421	ANTIHYPERGLYCEMIC,INSULIN-RESP.ENHANCER& BIGUANIDE	-	\$ -	\$ -	47	\$ 2,303	\$ 49	-	\$ -	\$ -	47	\$ 2,303	\$ 49
422	ARTIFICIAL TEARS	61	\$ 1,119	\$ 18	58	\$ 1,146	\$ 20	-	\$ -	\$ -	119	\$ 2,265	\$ 19
423	ANTIHYPERGLYCEMIC,THIAZOLIDINEDIONE & SULFONYLUREA	-	\$ -	\$ -	6	\$ 2,119	\$ 353	-	\$ -	\$ -	6	\$ 2,119	\$ 353
424	2ND GEN. ANAEROBIC ANTIPROTOZOAL-ANTIBACTERIAL	-	\$ -	\$ -	88	\$ 2,103	\$ 24	-	\$ -	\$ -	88	\$ 2,103	\$ 24
425	TOPICAL PREPARATIONS,ANTIBACTERIALS	44	\$ 929	\$ 21	75	\$ 806	\$ 11	-	\$ -	\$ -	119	\$ 1,735	\$ 15
426	BONE RESORPTION INHIBITOR & VITAMIN D COMBINATIONS	10	\$ 1,724	\$ 172	-	\$ -	\$ -	-	\$ -	\$ -	10	\$ 1,724	\$ 172
427	FAT ABSORPTION DECREASING AGENTS	3	\$ 1,693	\$ 564	-	\$ -	\$ -	-	\$ -	\$ -	3	\$ 1,693	\$ 564
428	ANTIHYPERGLYCEMIC, AMYLIN ANALOG-TYPE	2	\$ 1,579	\$ 790	-	\$ -	\$ -	-	\$ -	\$ -	2	\$ 1,579	\$ 790
429	GLYCYLCYCLINES	-	\$ -	\$ -	1	\$ 1,475	\$ 1,475	-	\$ -	\$ -	1	\$ 1,475	\$ 1,475
430	TOPICAL HEMOSTATICS	1	\$ 1,402	\$ 1,402	-	\$ -	\$ -	-	\$ -	\$ -	1	\$ 1,402	\$ 1,402
431	FOLLICLE STIM./LUTEINIZING HORMONES	31	\$ 1,398	\$ 45	-	\$ -	\$ -	-	\$ -	\$ -	31	\$ 1,398	\$ 45
432	EAR PREPARATIONS ANTI-INFLAMMATORY	-	\$ -	\$ -	10	\$ 1,278	\$ 128	-	\$ -	\$ -	10	\$ 1,278	\$ 128
433	ELECTROLYTE MAINTENANCE	17	\$ 711	\$ 42	14	\$ 553	\$ 39	-	\$ -	\$ -	31	\$ 1,264	\$ 41
434	URINE TEST AIDS,MISCELLANEOUS	29	\$ 1,149	\$ 40	-	\$ -	\$ -	-	\$ -	\$ -	29	\$ 1,149	\$ 40
435	PROTECTIVES	87	\$ 1,013	\$ 12	11	\$ 110	\$ 10	-	\$ -	\$ -	98	\$ 1,123	\$ 11
436	IV SOLUTIONS: DEXTROSE-SALINE	42	\$ 913	\$ 22	12	\$ 201	\$ 17	-	\$ -	\$ -	54	\$ 1,114	\$ 21
437	TOPICAL ANTISEPTIC DRYING AGENTS	-	\$ -	\$ -	30	\$ 1,059	\$ 35	-	\$ -	\$ -	30	\$ 1,059	\$ 35
438	CYTOCHROME P450 INHIBITORS	5	\$ 1,038	\$ 208	-	\$ -	\$ -	-	\$ -	\$ -	5	\$ 1,038	\$ 208
439	IODINE CONTAINING AGENTS	56	\$ 942	\$ 17	-	\$ -	\$ -	-	\$ -	\$ -	56	\$ 942	\$ 17
440	VITAMIN A DERIVATIVES, TOPICAL ACNE AGENTS	1	\$ 887	\$ 887	-	\$ -	\$ -	-	\$ -	\$ -	1	\$ 887	\$ 887
441	EYE LOCAL ANESTHETICS	-	\$ -	\$ -	25	\$ 850	\$ 34	-	\$ -	\$ -	25	\$ 850	\$ 34
442	VITAMIN C PREPARATIONS	-	\$ -	\$ -	89	\$ 809	\$ 9	-	\$ -	\$ -	89	\$ 809	\$ 9
443	WATER	1	\$ 18	\$ 18	22	\$ 736	\$ 33	-	\$ -	\$ -	23	\$ 754	\$ 33
444	2ND GEN ANTIHISTAMINE-DECONGESTANT	-	\$ -	\$ -	63	\$ 752	\$ 12	-	\$ -	\$ -	63	\$ 752	\$ 12
445	ANTI-OBESITY SEROTONIN 2C RECEPTOR AGONISTS	3	\$ 740	\$ 247	-	\$ -	\$ -	-	\$ -	\$ -	3	\$ 740	\$ 247
446	ANALGESIC, SALICYLATE, BARBITURATE,& XANTHINE CMB	-	\$ -	\$ -	14	\$ 714	\$ 51	-	\$ -	\$ -	14	\$ 714	\$ 51
447	ESTROGEN & PROGESTIN WITH ANTIMINERALOCORTICOID CB	4	\$ 674	\$ 169	-	\$ -	\$ -	-	\$ -	\$ -	4	\$ 674	\$ 169
448	GASTRIC ENZYMES	23	\$ 603	\$ 26	4	\$ 64	\$ 16	-	\$ -	\$ -	27	\$ 666	\$ 25
449	AMEBICIDES	-	\$ -	\$ -	5	\$ 648	\$ 130	-	\$ -	\$ -	5	\$ 648	\$ 130
450	DURABLE MEDICAL EQUIPMENT,MISCELLANEOUS	-	\$ -	\$ -	-	\$ -	\$ -	26	\$ 563	\$ 22	26	\$ 563	\$ 22

Rank	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
451	ANTIPRURITICS, TOPICAL	-	\$ -	\$ -	2	\$ 534	\$ 267	-	\$ -	\$ -	2	\$ 534	\$ 267
452	IV SOLUTIONS: DEXTROSE-WATER	-	\$ -	\$ -	28	\$ 495	\$ 18	-	\$ -	\$ -	28	\$ 495	\$ 18
453	NON-NARC ANTITUSSIVE-1ST GEN ANTIHISTAMINE COMB.	14	\$ 494	\$ 35	-	\$ -	\$ -	-	\$ -	\$ -	14	\$ 494	\$ 35
454	VITAMIN A PREPARATIONS	-	\$ -	\$ -	39	\$ 435	\$ 11	-	\$ -	\$ -	39	\$ 435	\$ 11
455	ESTROGEN/ANDROGEN COMBINATIONS	-	\$ -	\$ -	6	\$ 422	\$ 70	-	\$ -	\$ -	6	\$ 422	\$ 70
456	TOPICAL ANTIFUNGAL/ANTI-INFLAMMATORY, STEROID AGENT	-	\$ -	\$ -	17	\$ 387	\$ 23	-	\$ -	\$ -	17	\$ 387	\$ 23
457	NON-NARC ANTITUSS-1ST GEN. ANTIHISTAMINE-DECONGEST	3	\$ 55	\$ 18	18	\$ 327	\$ 18	-	\$ -	\$ -	21	\$ 382	\$ 18
458	ANTIFLATULENTS	-	\$ -	\$ -	30	\$ 353	\$ 12	-	\$ -	\$ -	30	\$ 353	\$ 12
459	VITAMIN B2 PREPARATIONS	27	\$ 310	\$ 11	-	\$ -	\$ -	-	\$ -	\$ -	27	\$ 310	\$ 11
460	FERTILITY STIMULATING PREPARATIONS, NON-FSH	-	\$ -	\$ -	18	\$ 299	\$ 17	-	\$ -	\$ -	18	\$ 299	\$ 17
461	ANTIPERSPIRANTS	12	\$ 250	\$ 21	-	\$ -	\$ -	-	\$ -	\$ -	12	\$ 250	\$ 21
462	BICARBONATE PRODUCING/CONTAINING AGENTS	-	\$ -	\$ -	13	\$ 249	\$ 19	-	\$ -	\$ -	13	\$ 249	\$ 19
463	FOOD OILS	4	\$ 234	\$ 59	-	\$ -	\$ -	-	\$ -	\$ -	4	\$ 234	\$ 59
464	EYE VASOCONSTRICTORS (RX ONLY)	-	\$ -	\$ -	3	\$ 220	\$ 73	-	\$ -	\$ -	3	\$ 220	\$ 73
465	EYE MAST CELL STABILIZERS	-	\$ -	\$ -	13	\$ 173	\$ 13	-	\$ -	\$ -	13	\$ 173	\$ 13
466	NASAL MAST CELL STABILIZERS	11	\$ 147	\$ 13	-	\$ -	\$ -	-	\$ -	\$ -	11	\$ 147	\$ 13
467	OXIDIZING AGENTS	-	\$ -	\$ -	3	\$ 131	\$ 44	-	\$ -	\$ -	3	\$ 131	\$ 44
468	NARCOTIC ANTITUSS-DECONGESTANT-EXPECTORANT COMB	1	\$ 128	\$ 128	-	\$ -	\$ -	-	\$ -	\$ -	1	\$ 128	\$ 128
469	EAR PREPARATIONS, EAR WAX REMOVERS	7	\$ 58	\$ 8	6	\$ 46	\$ 8	-	\$ -	\$ -	13	\$ 104	\$ 8
470	OPHTHALMIC PREPARATIONS, MISCELLANEOUS	2	\$ 47	\$ 24	4	\$ 52	\$ 13	-	\$ -	\$ -	6	\$ 99	\$ 16
471	PERIODONTAL COLLAGENASE INHIBITORS	-	\$ -	\$ -	5	\$ 84	\$ 17	-	\$ -	\$ -	5	\$ 84	\$ 17
472	HEMORRHOIDAL PREPARATIONS	1	\$ 84	\$ 84	-	\$ -	\$ -	-	\$ -	\$ -	1	\$ 84	\$ 84
473	OINTMENT/CREAM BASES	-	\$ -	\$ -	15	\$ 80	\$ 5	-	\$ -	\$ -	15	\$ 80	\$ 5
474	ZINC REPLACEMENT	-	\$ -	\$ -	6	\$ 60	\$ 10	-	\$ -	\$ -	6	\$ 60	\$ 10
475	ANTI-OBESITY - ANOREXIC AGENTS	-	\$ -	\$ -	5	\$ 57	\$ 11	-	\$ -	\$ -	5	\$ 57	\$ 11
476	HYPERTRICHOTIC AGENTS, SYSTEMIC/INCL. COMBINATIONS	-	\$ -	\$ -	6	\$ 53	\$ 9	-	\$ -	\$ -	6	\$ 53	\$ 9
477	PANTHENOL PREPARATIONS	2	\$ 28	\$ 14	-	\$ -	\$ -	-	\$ -	\$ -	2	\$ 28	\$ 14
478	IV SOLUTIONS: DEXTROSE AND LACTATED RINGERS	-	\$ -	\$ -	1	\$ 22	\$ 22	-	\$ -	\$ -	1	\$ 22	\$ 22
479	VITAMIN B1 PREPARATIONS	-	\$ -	\$ -	3	\$ 21	\$ 7	-	\$ -	\$ -	3	\$ 21	\$ 7
480	URINE GLUCOSE/ACETONE TEST AIDS, STRIPS	-	\$ -	\$ -	-	\$ -	\$ -	1	\$ 20	\$ 20	1	\$ 20	\$ 20
481	TOPICAL AGENTS, MISCELLANEOUS	-	\$ -	\$ -	1	\$ 18	\$ 18	-	\$ -	\$ -	1	\$ 18	\$ 18
482	NASAL MAST CELL STABILIZERS AGENTS	-	\$ -	\$ -	1	\$ 15	\$ 15	-	\$ -	\$ -	1	\$ 15	\$ 15
483	NARCOTIC ANTITUSSIVE-1ST GENERATION ANTIHISTAMINE	-	\$ -	\$ -	1	\$ 11	\$ 11	-	\$ -	\$ -	1	\$ 11	\$ 11
484	ADRENERGIC AGENTS, CATECHOLAMINES	-	\$ -	\$ -	1	\$ 10	\$ 10	-	\$ -	\$ -	1	\$ 10	\$ 10
485	DIAGNOSTIC PREPARATIONS, MISCELLANEOUS	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
486	HYPOPIGMENTATION AGENTS	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
487	NARC. & NON-SAL. ANALGESIC, BARBITURATE & XANTHINE CMB	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
488	TOPICAL PREPARATIONS, MISCELLANEOUS	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
489	VEHICLES	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -
Total		2,358,546	\$ 886,778,418	\$ 376	10,898,402	\$ 191,566,566	\$ 18	211,073	\$ 17,555,240	\$ 83	13,468,021	\$ 1,095,900,224	\$ 81

Drug Name	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
VYVANSE	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	120,856	\$ 31,305,345	\$ 259	-	\$ -	\$ -	-	\$ -	\$ -	120,856	\$ 31,305,345	\$ 259
HUMIRA	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	6,101	\$ 29,977,353	\$ 4,914	-	\$ -	\$ -	-	\$ -	\$ -	6,101	\$ 29,977,353	\$ 4,914
HUMALOG	INSULINS	49,912	\$ 29,062,792	\$ 582	-	\$ -	\$ -	-	\$ -	\$ -	49,912	\$ 29,062,792	\$ 582
PROVENTIL HFA	BETA-ADRENERGIC AGENTS	319,219	\$ 27,658,322	\$ 87	-	\$ -	\$ -	-	\$ -	\$ -	319,219	\$ 27,658,322	\$ 87
NAME NOT AVAILABLE	ANTIPSYCHOTICS, ATYPICAL, DOPAMINE, & SEROTONIN ANTAG	15,762	\$ 18,661,164	\$ 1,184	79,306	\$ 1,352,821	\$ 17	-	\$ -	\$ -	95,068	\$ 20,013,984	\$ 211
LYRICA	ANTICONVULSANTS	40,013	\$ 19,325,499	\$ 483	-	\$ -	\$ -	-	\$ -	\$ -	40,013	\$ 19,325,499	\$ 483
ADDERALL XR	ADRENERGICS, AROMATIC, NON-CATECHOLAMINE	73,714	\$ 16,582,773	\$ 225	-	\$ -	\$ -	-	\$ -	\$ -	73,714	\$ 16,582,773	\$ 225
GENOTROPIN	GROWTH HORMONES	3,962	\$ 15,970,340	\$ 4,031	-	\$ -	\$ -	-	\$ -	\$ -	3,962	\$ 15,970,340	\$ 4,031
NAME NOT AVAILABLE	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	13,986	\$ 5,056,534	\$ 362	52,349	\$ 10,553,569	\$ 202	-	\$ -	\$ -	66,335	\$ 15,610,103	\$ 235
FOCALIN XR	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	43,732	\$ 14,751,413	\$ 337	-	\$ -	\$ -	-	\$ -	\$ -	43,732	\$ 14,751,413	\$ 337
FREESTYLE LITE STRIPS	BLOOD SUGAR DIAGNOSTICS	-	\$ -	\$ -	-	\$ -	\$ -	96,527	\$ 14,553,569	\$ 151	96,527	\$ 14,553,569	\$ 151
LANTUS	INSULINS	33,696	\$ 14,288,021	\$ 424	-	\$ -	\$ -	-	\$ -	\$ -	33,696	\$ 14,288,021	\$ 424
PALIPERIDONE PALMITATE	ANTIPSYCHOTICS, ATYPICAL, DOPAMINE, & SEROTONIN ANTAG	7,265	\$ 13,566,378	\$ 1,867	-	\$ -	\$ -	-	\$ -	\$ -	7,265	\$ 13,566,378	\$ 1,867
FLOVENT HFA	GLUCOCORTICIDS	53,966	\$ 11,712,612	\$ 217	-	\$ -	\$ -	-	\$ -	\$ -	53,966	\$ 11,712,612	\$ 217
TAMIFLU	ANTIVIRALS, GENERAL	56,394	\$ 11,402,097	\$ 202	-	\$ -	\$ -	-	\$ -	\$ -	56,394	\$ 11,402,097	\$ 202
ENBREL	ANTI-INFLAMMATORY TUMOR NECROSIS FACTOR INHIBITOR	2,758	\$ 11,164,157	\$ 4,048	-	\$ -	\$ -	-	\$ -	\$ -	2,758	\$ 11,164,157	\$ 4,048
NOVOSEVEN RT	ANTIHEMOPHILIC FACTORS	83	\$ 10,074,642	\$ 121,381	-	\$ -	\$ -	-	\$ -	\$ -	83	\$ 10,074,642	\$ 121,381
SPIRIVA	GENERAL BRONCHODILATOR AGENTS	27,620	\$ 9,812,842	\$ 355	-	\$ -	\$ -	-	\$ -	\$ -	27,620	\$ 9,812,842	\$ 355
HARVONI	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	366	\$ 9,777,518	\$ 26,715	-	\$ -	\$ -	-	\$ -	\$ -	366	\$ 9,777,518	\$ 26,715
NAME NOT AVAILABLE	INSULINS	23,140	\$ 9,316,290	\$ 403	-	\$ -	\$ -	-	\$ -	\$ -	23,140	\$ 9,316,290	\$ 403
ONFI	ANTICONVULSANTS	5,160	\$ 8,511,382	\$ 1,649	-	\$ -	\$ -	-	\$ -	\$ -	5,160	\$ 8,511,382	\$ 1,649
EPCLUSA	NOT AVAILABLE	364	\$ 8,296,091	\$ 22,791	-	\$ -	\$ -	-	\$ -	\$ -	364	\$ 8,296,091	\$ 22,791
STRATTERA	TX FOR ATTENTION DEFICIT-HYPERACT.(ADHD), NRI-TYPE	19,900	\$ 8,158,196	\$ 410	-	\$ -	\$ -	-	\$ -	\$ -	19,900	\$ 8,158,196	\$ 410
TRIUMEQ	ANTIVIRALS, HIV-1 INTEGRASE STRAND TRANSFER INHIBTR	3,196	\$ 7,929,852	\$ 2,481	-	\$ -	\$ -	-	\$ -	\$ -	3,196	\$ 7,929,852	\$ 2,481
NAME NOT AVAILABLE	ANTICONVULSANTS	3,149	\$ 3,533,549	\$ 1,122	220,001	\$ 4,215,738	\$ 19	-	\$ -	\$ -	223,150	\$ 7,749,287	\$ 35
VICTOZA INJ 18MG/3ML	ANTIHYPERGLY, INCRETIN MIMETIC(GLP-1 RECEPTOR AGONIST)	11,911	\$ 7,728,485	\$ 649	-	\$ -	\$ -	-	\$ -	\$ -	11,911	\$ 7,728,485	\$ 649
SEROQUEL XR	ANTIPSYCHOTICS, ATYPICAL, DOPAMINE, & SEROTONIN ANTAG	10,364	\$ 7,683,930	\$ 741	-	\$ -	\$ -	-	\$ -	\$ -	10,364	\$ 7,683,930	\$ 741
VIEKIRA XR	NOT AVAILABLE	306	\$ 7,656,699	\$ 25,022	-	\$ -	\$ -	-	\$ -	\$ -	306	\$ 7,656,699	\$ 25,022
KADIAN	ANALGESICS, NARCOTICS	10,010	\$ 7,378,814	\$ 737	-	\$ -	\$ -	-	\$ -	\$ -	10,010	\$ 7,378,814	\$ 737
QVAR	GLUCOCORTICIDS, ORALLY INHALED	38,916	\$ 7,142,702	\$ 184	-	\$ -	\$ -	-	\$ -	\$ -	38,916	\$ 7,142,702	\$ 184
VIMPAT	ANTICONVULSANTS	8,893	\$ 6,973,603	\$ 784	-	\$ -	\$ -	-	\$ -	\$ -	8,893	\$ 6,973,603	\$ 784
IBRANCE	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	638	\$ 6,774,933	\$ 10,619	-	\$ -	\$ -	-	\$ -	\$ -	638	\$ 6,774,933	\$ 10,619
SYMBICORT	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	23,052	\$ 6,723,532	\$ 292	-	\$ -	\$ -	-	\$ -	\$ -	23,052	\$ 6,723,532	\$ 292
VIEKIRA PAK	HEPATITIS C VIRUS NS3/4A SERINE PROTEASE INHIB.	235	\$ 6,702,956	\$ 28,523	-	\$ -	\$ -	-	\$ -	\$ -	235	\$ 6,702,956	\$ 28,523
GENVOYA	ARV CMB-NRTI,N(T)RTI, INTEGRASE INHIBITOR	2,507	\$ 6,475,290	\$ 2,583	-	\$ -	\$ -	-	\$ -	\$ -	2,507	\$ 6,475,290	\$ 2,583
SYNAGIS	ANTIVIRAL MONOCLONAL ANTIBODIES	2,540	\$ 6,408,983	\$ 2,523	-	\$ -	\$ -	-	\$ -	\$ -	2,540	\$ 6,408,983	\$ 2,523
JANUVIA	ANTIHYPERGLYCEMIC, DPP-4 INHIBITORS	16,953	\$ 6,341,275	\$ 374	-	\$ -	\$ -	-	\$ -	\$ -	16,953	\$ 6,341,275	\$ 374
EMBEDA	ANALGESICS, NARCOTICS	12,839	\$ 5,959,685	\$ 464	-	\$ -	\$ -	-	\$ -	\$ -	12,839	\$ 5,959,685	\$ 464
ORKAMBI	CYSTIC FIB. TRANSMEMBR. CONDUCT. REG.(CFTR)POTENTIATOR	326	\$ 5,935,325	\$ 18,207	-	\$ -	\$ -	-	\$ -	\$ -	326	\$ 5,935,325	\$ 18,207
CIPRODEX	OTIC PREPARATIONS, ANTI-INFLAMMATORY-ANTIBIOTICS	29,512	\$ 5,808,066	\$ 197	-	\$ -	\$ -	-	\$ -	\$ -	29,512	\$ 5,808,066	\$ 197
OSELTAMIVIR PHOSPHATE	ANTIVIRALS, GENERAL	-	\$ -	\$ -	47,175	\$ 5,672,466	\$ 120	-	\$ -	\$ -	47,175	\$ 5,672,466	\$ 120
NAME NOT AVAILABLE	DIRECT FACTOR XA INHIBITORS	15,240	\$ 5,618,477	\$ 369	-	\$ -	\$ -	-	\$ -	\$ -	15,240	\$ 5,618,477	\$ 369
SABRIL	ANTICONVULSANTS	363	\$ 5,616,747	\$ 15,473	-	\$ -	\$ -	-	\$ -	\$ -	363	\$ 5,616,747	\$ 15,473
LEVEMIR	INSULINS	12,295	\$ 5,557,280	\$ 452	-	\$ -	\$ -	-	\$ -	\$ -	12,295	\$ 5,557,280	\$ 452
ALPHANATE	ANTIHEMOPHILIC FACTORS	68	\$ 5,491,437	\$ 80,756	-	\$ -	\$ -	-	\$ -	\$ -	68	\$ 5,491,437	\$ 80,756
NAME NOT AVAILABLE	TOPICAL ANTIPARASITICS	20,781	\$ 5,302,651	\$ 255	1,041	\$ 17,073	\$ 16	-	\$ -	\$ -	21,822	\$ 5,319,723	\$ 244
DICLEGIS	ANTIEMETIC/ANTIVERTIGO AGENTS	9,043	\$ 5,275,166	\$ 583	-	\$ -	\$ -	-	\$ -	\$ -	9,043	\$ 5,275,166	\$ 583
EPINEPHRINE	ANAPHYLAXIS THERAPY AGENTS	-	\$ -	\$ -	18,581	\$ 5,001,437	\$ 269	-	\$ -	\$ -	18,581	\$ 5,001,437	\$ 269
NAME NOT AVAILABLE	CONTRACEPTIVES, ORAL	29,600	\$ 4,205,504	\$ 142	43,905	\$ 772,664	\$ 18	-	\$ -	\$ -	73,505	\$ 4,978,168	\$ 68
VIVITROL	ANTI-ALCOHOLIC PREPARATIONS	3,876	\$ 4,904,354	\$ 1,265	-	\$ -	\$ -	-	\$ -	\$ -	3,876	\$ 4,904,354	\$ 1,265
COPAXONE	AGENTS TO TREAT MULTIPLE SCLEROSIS	758	\$ 4,895,334	\$ 6,458	-	\$ -	\$ -	-	\$ -	\$ -	758	\$ 4,895,334	\$ 6,458
MAVYRET	NOT AVAILABLE	371	\$ 4,762,165	\$ 12,836	-	\$ -	\$ -	-	\$ -	\$ -	371	\$ 4,762,165	\$ 12,836
PULMOZYME	MUCOLYTICS	1,802	\$ 4,721,612	\$ 2,620	-	\$ -	\$ -	-	\$ -	\$ -	1,802	\$ 4,721,612	\$ 2,620
NAME NOT AVAILABLE	AGENTS TO TREAT MULTIPLE SCLEROSIS	773	\$ 4,625,912	\$ 5,984	-	\$ -	\$ -	-	\$ -	\$ -	773	\$ 4,625,912	\$ 5,984
LEVEMIR FLEXTOUCH	INSULINS	10,093	\$ 4,476,803	\$ 444	-	\$ -	\$ -	-	\$ -	\$ -	10,093	\$ 4,476,803	\$ 444
NAME NOT AVAILABLE	UNKNOWN	47,655	\$ 3,690,363	\$ 77	11,311	\$ 560,537	\$ 50	-	\$ -	\$ -	58,966	\$ 4,250,900	\$ 72
TECFIDERA	AGENTS TO TREAT MULTIPLE SCLEROSIS	641	\$ 4,140,472	\$ 6,459	-	\$ -	\$ -	-	\$ -	\$ -	641	\$ 4,140,472	\$ 6,459
LATUDA	ANTIPSYCHOTICS, ATYPICAL, DOPAMINE, & SEROTONIN ANTAG	3,710	\$ 4,135,617	\$ 1,115	-	\$ -	\$ -	-	\$ -	\$ -	3,710	\$ 4,135,617	\$ 1,115
TRUVADA	ANTIVIRALS, HIV-SPEC, NUCLEOSIDE-NUCLEOTIDE ANALOG	2,886	\$ 4,092,295	\$ 1,418	-	\$ -	\$ -	-	\$ -	\$ -	2,886	\$ 4,092,295	\$ 1,418
RISPERDAL CONSTA	ANTIPSYCHOTICS, ATYPICAL, DOPAMINE, & SEROTONIN ANTAG	2,996	\$ 4,033,012	\$ 1,346	-	\$ -	\$ -	-	\$ -	\$ -	2,996	\$ 4,033,012	\$ 1,346
BUNAVAIL	NARCOTIC WITHDRAWAL THERAPY AGENTS	21,493	\$ 3,972,081	\$ 185	-	\$ -	\$ -	-	\$ -	\$ -	21,493	\$ 3,972,081	\$ 185
TIVICAY	ANTIVIRALS, HIV-1 INTEGRASE STRAND TRANSFER INHIBTR	2,690	\$ 3,886,863	\$ 1,445	-	\$ -	\$ -	-	\$ -	\$ -	2,690	\$ 3,886,863	\$ 1,445
NEXPLANON	CONTRACEPTIVES, IMPLANTABLE	4,758	\$ 3,844,446	\$ 808	-	\$ -	\$ -	-	\$ -	\$ -	4,758	\$ 3,844,446	\$ 808

Drug Name	Therapeutic Class	Brand			Generic			Non-Drug			Total		
		Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script	Scripts	Paid	Per Script
HUMALOG MIX 75-25	INSULINS	5,341	\$ 3,751,697	\$ 702	-	\$ -	\$ -	-	\$ -	\$ -	5,341	\$ 3,751,697	\$ 702
NAME NOT AVAILABLE	ANALGESICS, NARCOTICS	319	\$ 179,707	\$ 563	177,760	\$ 3,451,300	\$ 19	-	\$ -	\$ -	178,079	\$ 3,631,007	\$ 20
AMOXICILLIN	PENICILLINS	73,218	\$ 731,025	\$ 10	288,323	\$ 2,864,094	\$ 10	-	\$ -	\$ -	361,541	\$ 3,595,119	\$ 10
NAME NOT AVAILABLE	RIFAMYCINS AND RELATED DERIVATIVE ANTIBIOTICS	1,979	\$ 3,593,792	\$ 1,816	-	\$ -	\$ -	-	\$ -	\$ -	1,979	\$ 3,593,792	\$ 1,816
CHANTIX	SMOKING DETERRENT-NICOTINIC RECEPTOR PARTIAL AGONIST	10,021	\$ 3,568,250	\$ 356	-	\$ -	\$ -	-	\$ -	\$ -	10,021	\$ 3,568,250	\$ 356
ADVATE	ANTIHEMOPHILIC FACTORS	279	\$ 3,566,996	\$ 12,785	-	\$ -	\$ -	-	\$ -	\$ -	279	\$ 3,566,996	\$ 12,785
ELOCTATE	ANTIHEMOPHILIC FACTORS	206	\$ 3,561,213	\$ 17,287	-	\$ -	\$ -	-	\$ -	\$ -	206	\$ 3,561,213	\$ 17,287
NAME NOT AVAILABLE	ADRENOCORTICOTROPIC HORMONES	54	\$ 3,477,168	\$ 64,392	-	\$ -	\$ -	-	\$ -	\$ -	54	\$ 3,477,168	\$ 64,392
MIRENA	INTRA-UTERINE DEVICES (IUDS)	4,126	\$ 3,460,484	\$ 839	-	\$ -	\$ -	-	\$ -	\$ -	4,126	\$ 3,460,484	\$ 839
NAME NOT AVAILABLE	ARV CMB-NRTI,N(T)RTI, INTEGRASE INHIBITOR	1,206	\$ 3,365,047	\$ 2,790	-	\$ -	\$ -	-	\$ -	\$ -	1,206	\$ 3,365,047	\$ 2,790
NAME NOT AVAILABLE	ANTINEOPLASTIC - MTOR KINASE INHIBITORS	233	\$ 3,364,133	\$ 14,438	-	\$ -	\$ -	-	\$ -	\$ -	233	\$ 3,364,133	\$ 14,438
GABAPENTIN	ANTICONVULSANTS	-	\$ -	\$ -	269,032	\$ 3,309,304	\$ 12	-	\$ -	\$ -	269,032	\$ 3,309,304	\$ 12
KUVAN	PKU TX AGENT-COFACTOR OF PHENYLALANINE HYDROXYLASE	439	\$ 3,270,788	\$ 7,451	-	\$ -	\$ -	-	\$ -	\$ -	439	\$ 3,270,788	\$ 7,451
SUPRAX	CEPHALOSPORINS - 3RD GENERATION	7,373	\$ 3,251,090	\$ 441	-	\$ -	\$ -	-	\$ -	\$ -	7,373	\$ 3,251,090	\$ 441
ORKAMBI	NOT AVAILABLE	166	\$ 3,245,469	\$ 19,551	-	\$ -	\$ -	-	\$ -	\$ -	166	\$ 3,245,469	\$ 19,551
BYDUREON PEN	ANTIHYPERGLYCEMIC,INCRETIN MIMETIC(GLP-1 RECEPTOR AGONIST)	5,345	\$ 3,203,532	\$ 599	-	\$ -	\$ -	-	\$ -	\$ -	5,345	\$ 3,203,532	\$ 599
NAME NOT AVAILABLE	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	1,722	\$ 3,191,250	\$ 1,853	-	\$ -	\$ -	-	\$ -	\$ -	1,722	\$ 3,191,250	\$ 1,853
HYDROCODONE-ACETAMINOPHEN	ANALGESICS, NARCOTICS	-	\$ -	\$ -	245,937	\$ 3,155,634	\$ 13	-	\$ -	\$ -	245,937	\$ 3,155,634	\$ 13
RAVICTI	AMMONIA INHIBITORS	91	\$ 3,152,091	\$ 34,638	-	\$ -	\$ -	-	\$ -	\$ -	91	\$ 3,152,091	\$ 34,638
GLEEVEC	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	376	\$ 3,123,363	\$ 8,307	-	\$ -	\$ -	-	\$ -	\$ -	376	\$ 3,123,363	\$ 8,307
JADENU	METALLIC POISON,AGENTS TO TREAT	406	\$ 3,102,324	\$ 7,641	-	\$ -	\$ -	-	\$ -	\$ -	406	\$ 3,102,324	\$ 7,641
METHYLPHENIDATE ER	TX FOR ATTENTION DEFICIT-HYPERACT(ADHD)/NARCOLEPSY	-	\$ -	\$ -	16,348	\$ 3,083,149	\$ 189	-	\$ -	\$ -	16,348	\$ 3,083,149	\$ 189
NAME NOT AVAILABLE	BETA-ADRENERGIC AND ANTICHOLINERGIC COMBINATIONS	8,925	\$ 3,065,690	\$ 343	695	\$ 12,927	\$ 19	-	\$ -	\$ -	9,620	\$ 3,078,617	\$ 320
SAPHRIS	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	4,151	\$ 3,058,083	\$ 737	-	\$ -	\$ -	-	\$ -	\$ -	4,151	\$ 3,058,083	\$ 737
ATRIPLA	ARTV CMB NUCLEOSIDE,NUCLEOTIDE,&NON-NUCLEOSIDE RTI	1,239	\$ 3,024,125	\$ 2,441	-	\$ -	\$ -	-	\$ -	\$ -	1,239	\$ 3,024,125	\$ 2,441
PULMICORT	GLUCOCORTICOIDS	6,706	\$ 2,976,539	\$ 444	-	\$ -	\$ -	-	\$ -	\$ -	6,706	\$ 2,976,539	\$ 444
HUMULIN R	INSULINS	5,546	\$ 2,942,736	\$ 531	-	\$ -	\$ -	-	\$ -	\$ -	5,546	\$ 2,942,736	\$ 531
NAME NOT AVAILABLE	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	293	\$ 2,869,029	\$ 9,792	-	\$ -	\$ -	-	\$ -	\$ -	293	\$ 2,869,029	\$ 9,792
ADYNOVATE	ANTIHEMOPHILIC FACTORS	117	\$ 2,841,472	\$ 24,286	-	\$ -	\$ -	-	\$ -	\$ -	117	\$ 2,841,472	\$ 24,286
INVEGA TRINZA	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	506	\$ 2,822,483	\$ 5,578	-	\$ -	\$ -	-	\$ -	\$ -	506	\$ 2,822,483	\$ 5,578
XOLAIR	MONOCLONAL ANTIBODIES TO IMMUNOGLOBULIN E(IGE)	794	\$ 2,809,313	\$ 3,538	-	\$ -	\$ -	-	\$ -	\$ -	794	\$ 2,809,313	\$ 3,538
SPRYCEL	ANTINEOPLASTIC SYSTEMIC ENZYME INHIBITORS	303	\$ 2,791,863	\$ 9,214	-	\$ -	\$ -	-	\$ -	\$ -	303	\$ 2,791,863	\$ 9,214
GILENYA	AGENTS TO TREAT MULTIPLE SCLEROSIS	409	\$ 2,736,034	\$ 6,690	-	\$ -	\$ -	-	\$ -	\$ -	409	\$ 2,736,034	\$ 6,690
DESCOVY	ANTIVIRALS, HIV-SPEC, NUCLEOSIDE-NUCLEOTIDE ANALOG	1,985	\$ 2,730,436	\$ 1,376	-	\$ -	\$ -	-	\$ -	\$ -	1,985	\$ 2,730,436	\$ 1,376
NAME NOT AVAILABLE	PANCREATIC ENZYMES	2,651	\$ 2,521,386	\$ 951	-	\$ -	\$ -	-	\$ -	\$ -	2,651	\$ 2,521,386	\$ 951
ABILIFY MAINTENA	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	1,419	\$ 2,500,491	\$ 1,762	-	\$ -	\$ -	-	\$ -	\$ -	1,419	\$ 2,500,491	\$ 1,762
PALIPERIDONE ER	ANTIPSYCHOTICS,ATYPICAL,DOPAMINE,& SEROTONIN ANTAG	-	\$ -	\$ -	5,051	\$ 2,493,526	\$ 494	-	\$ -	\$ -	5,051	\$ 2,493,526	\$ 494
REVELA	ELECTROLYTE DEPLETERS	2,233	\$ 2,467,607	\$ 1,105	-	\$ -	\$ -	-	\$ -	\$ -	2,233	\$ 2,467,607	\$ 1,105
PATADAY	EYE ANTIHISTAMINES	14,661	\$ 2,451,430	\$ 167	-	\$ -	\$ -	-	\$ -	\$ -	14,661	\$ 2,451,430	\$ 167
VRAYLAR	ANTIPSYCHOTICS, DOPAMINE & SEROTONIN ANTAGONISTS	2,380	\$ 2,446,665	\$ 1,028	-	\$ -	\$ -	-	\$ -	\$ -	2,380	\$ 2,446,665	\$ 1,028
REXULTI	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	2,558	\$ 2,438,047	\$ 953	-	\$ -	\$ -	-	\$ -	\$ -	2,558	\$ 2,438,047	\$ 953
ADVAIR DISKUS	BETA-ADRENERGIC AND GLUCOCORTICOID COMBINATIONS	6,635	\$ 2,428,171	\$ 366	-	\$ -	\$ -	-	\$ -	\$ -	6,635	\$ 2,428,171	\$ 366
MONTELUKAST SODIUM	LEUKOTRIENE RECEPTOR ANTAGONISTS	-	\$ -	\$ -	178,340	\$ 2,345,420	\$ 13	-	\$ -	\$ -	178,340	\$ 2,345,420	\$ 13
CEFDINIR	CEPHALOSPORINS - 3RD GENERATION	-	\$ -	\$ -	120,243	\$ 2,325,338	\$ 19	-	\$ -	\$ -	120,243	\$ 2,325,338	\$ 19
FEIBA NF	ANTIHEMOPHILIC FACTORS	30	\$ 2,309,220	\$ 76,974	-	\$ -	\$ -	-	\$ -	\$ -	30	\$ 2,309,220	\$ 76,974
KALYDECO	CYSTIC FIBrosis TRANSMEMBRANE CONDUCTANCE REGULATING PROTEIN (CFTR)POTENTIATOR	106	\$ 2,279,678	\$ 21,506	-	\$ -	\$ -	-	\$ -	\$ -	106	\$ 2,279,678	\$ 21,506
VESICARE	URINARY TRACT ANTISPASMODIC, M(3) SELECTIVE ANTAG	7,718	\$ 2,279,037	\$ 295	-	\$ -	\$ -	-	\$ -	\$ -	7,718	\$ 2,279,037	\$ 295
NAME NOT AVAILABLE	MONOCLONAL ANTIBODY-HUMAN INTERLEUKIN 12/23 INHIB	130	\$ 2,264,327	\$ 17,418	-	\$ -	\$ -	-	\$ -	\$ -	130	\$ 2,264,327	\$ 17,418
XELODA	ANTIMETABOLITES	645	\$ 2,246,549	\$ 3,483	-	\$ -	\$ -	-	\$ -	\$ -	645	\$ 2,246,549	\$ 3,483
BANZEL	ANTICONVULSANTS	838	\$ 2,213,801	\$ 2,642	-	\$ -	\$ -	-	\$ -	\$ -	838	\$ 2,213,801	\$ 2,642
PREZCOBIX	ANTIVIRALS, HIV-SPEC, NON-PEPTIDIC PROTEASE INHIB	1,372	\$ 2,143,406	\$ 1,562	-	\$ -	\$ -	-	\$ -	\$ -	1,372	\$ 2,143,406	\$ 1,562
NEXIUM	PROTON-PUMP INHIBITORS	8,072	\$ 2,142,163	\$ 265	-	\$ -	\$ -	-	\$ -	\$ -	8,072	\$ 2,142,163	\$ 265
FLUTICASON PROPIONATE	NASAL ANTI-INFLAMMATORY STEROIDS	-	\$ -	\$ -	175,899	\$ 2,090,731	\$ 12	-	\$ -	\$ -	175,899	\$ 2,090,731	\$ 12
NUVARING	CONTRACEPTIVES, INTRAVAGINAL, SYSTEMIC	10,876	\$ 2,084,958	\$ 192	-	\$ -	\$ -	-	\$ -	\$ -	10,876	\$ 2,084,958	\$ 192
NAME NOT AVAILABLE	MACROLIDES	540	\$ 476,886	\$ 883	102,511	\$ 1,586,524	\$ 15	-	\$ -	\$ -	103,051	\$ 2,063,409	\$ 20
LEVOTHYROXINE SODIUM	THYROID HORMONES	-	\$ -	\$ -	155,331	\$ 2,062,469	\$ 13	-	\$ -	\$ -	155,331	\$ 2,062,469	\$ 13
ARIPIPIRAZOLE	ANTIPSYCHOTICS, ATYP, D2 PARTIAL AGONIST/5HT MIXED	-	\$ -	\$ -	62,502	\$ 2,054,576	\$ 33	-	\$ -	\$ -	62,502	\$ 2,054,576	\$ 33
NAME NOT AVAILABLE	ARTV CMB NUCLEOSIDE,NUCLEOTIDE,&NON-NUCLEOSIDE RTI	839	\$ 2,038,781	\$ 2,430	-	\$ -	\$ -	-	\$ -	\$ -	839	\$ 2,038,781	\$ 2,430
IBUPROFEN	NSAIDS, CYCLOOXYGENASE INHIBITOR - TYPE	27,422	\$ 336,183	\$ 12	180,903	\$ 1,645,367	\$ 9	-	\$ -	\$ -	208,325	\$ 1,981,549	\$ 10
Other	All Other Medications	838,120	\$ 209,001,695	\$ 249	8,444,742	\$ 130,925,031	\$ 16	114,536	\$ 3,001,155	\$ 26	9,397,582	\$ 342,927,880	\$ 36
	Total	2,358,327	\$ 886,735,728	\$ 376	10,897,286	\$ 191,551,695	\$ 18	211,063	\$ 17,554,724	\$ 83	13,466,860	\$ 1,095,842,147	\$ 81

TennCare
SFY2019 Dental Per Capita Cost Development
All Regions - Base Period Experience

Exhibit 8a

All Aid Categories Dental Experience										
Service Category	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	7,788,925					7,488,083				
Diagnostic	22,347,948	981,635	1,512	22.77	2.87	21,896,566	980,065	1,571	22.34	2.92
Preventive	28,375,530	994,837	1,533	28.52	3.64	28,055,938	977,129	1,566	28.71	3.75
Restorative	31,960,119	364,277	561	87.74	4.10	31,243,417	352,821	565	88.55	4.17
Endodontics	5,615,274	58,093	90	96.66	0.72	5,136,773	52,065	83	98.66	0.69
Oral Surgery	5,686,522	82,655	127	68.80	0.73	5,584,843	80,344	129	69.51	0.75
Orthodontics	5,614,714	27,496	42	204.20	0.72	5,687,666	28,446	46	199.95	0.76
Other	5,213,141	121,139	187	43.03	0.67	5,282,391	121,342	194	43.53	0.71
Subtotal	104,813,248	2,630,132	4,052	39.85	13.46	102,887,593	2,592,212	4,154	39.69	13.74
Ages 14 - 20 : Female										
Member Months	1,423,722					1,326,667				
Diagnostic	4,668,049	188,850	1,592	24.72	3.28	4,476,593	182,782	1,653	24.49	3.37
Preventive	4,431,760	138,703	1,169	31.95	3.11	4,240,823	131,978	1,194	32.13	3.20
Restorative	10,922,219	101,451	855	107.66	7.67	9,917,406	93,019	841	106.62	7.48
Endodontics	2,551,101	6,062	51	420.83	1.79	2,269,479	5,420	49	418.72	1.71
Oral Surgery	5,318,463	28,851	243	184.34	3.74	5,065,725	27,231	246	186.03	3.82
Orthodontics	2,683,172	20,233	171	132.61	1.88	2,738,201	21,001	190	130.38	2.06
Other	2,663,638	38,568	325	69.06	1.87	2,617,208	37,018	335	70.70	1.97
Subtotal	33,238,401	522,718	4,406	63.59	23.35	31,325,436	498,449	4,509	62.85	23.61
Ages 14 - 20 : Male										
Member Months	1,408,719					1,293,728				
Diagnostic	3,859,174	154,848	1,319	24.92	2.74	3,667,897	148,771	1,380	24.65	2.84
Preventive	3,792,375	119,185	1,015	31.82	2.69	3,619,058	112,990	1,048	32.03	2.80
Restorative	9,076,764	82,532	703	109.98	6.44	8,294,779	76,266	707	108.76	6.41
Endodontics	2,109,329	5,122	44	411.82	1.50	1,861,398	4,478	42	415.68	1.44
Oral Surgery	3,918,106	21,605	184	181.35	2.78	3,578,420	19,397	180	184.48	2.77
Orthodontics	2,145,831	15,693	134	136.74	1.52	2,182,860	16,508	153	132.23	1.69
Other	1,951,482	28,075	239	69.51	1.39	1,746,317	26,379	245	66.20	1.35
Subtotal	26,853,060	427,060	3,638	62.88	19.06	24,950,730	404,789	3,755	61.64	19.29
Total Less than 21										
Member Months	10,621,365					10,108,478				
Diagnostic	30,875,170	1,325,333	1,497	23.30	2.91	30,041,057	1,311,618	1,557	22.90	2.97
Preventive	36,599,665	1,252,725	1,415	29.22	3.45	35,915,819	1,222,097	1,451	29.39	3.55
Restorative	51,959,102	548,260	619	94.77	4.89	49,455,602	522,106	620	94.72	4.89
Endodontics	10,275,704	69,277	78	148.33	0.97	9,267,650	61,963	74	149.57	0.92
Oral Surgery	14,923,090	133,111	150	112.11	1.41	14,228,987	126,972	151	112.06	1.41
Orthodontics	10,443,717	63,422	72	164.67	0.98	10,608,727	65,955	78	160.85	1.05
Other	9,828,260	187,782	212	52.34	0.93	9,645,917	184,739	219	52.21	0.95
Total	164,904,709	3,579,910	4,045	46.06	15.53	159,163,759	3,495,450	4,150	45.53	15.75

TennCare
SFY2019 Dental Per Capita Cost Development
All Regions - Base Period Experience

Exhibit 8a

Medicaid (TANF & Related) and Uninsured										
	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
Service Category	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	7,508,270					7,219,129				
Diagnostic	21,559,893	947,631	1,515	22.75	2.87	21,146,099	947,108	1,574	22.33	2.93
Preventive	27,405,989	960,689	1,535	28.53	3.65	27,125,257	944,463	1,570	28.72	3.76
Restorative	30,864,909	351,937	562	87.70	4.11	30,179,823	340,804	567	88.55	4.18
Endodontics	5,438,674	56,446	90	96.35	0.72	4,961,203	50,467	84	98.31	0.69
Oral Surgery	5,424,779	78,809	126	68.83	0.72	5,331,769	76,755	128	69.46	0.74
Orthodontics	5,389,669	26,415	42	204.04	0.72	5,487,236	27,528	46	199.33	0.76
Other	5,036,073	117,518	188	42.85	0.67	5,113,224	117,918	196	43.36	0.71
Subtotal	101,119,986	2,539,445	4,059	39.82	13.47	99,344,611	2,505,043	4,164	39.66	13.76
Ages 14 - 20 : Female										
Member Months	1,357,199					1,261,884				
Diagnostic	4,456,194	180,208	1,593	24.73	3.28	4,277,613	174,546	1,660	24.51	3.39
Preventive	4,227,958	132,314	1,170	31.95	3.12	4,054,084	126,147	1,200	32.14	3.21
Restorative	10,424,603	96,855	856	107.63	7.68	9,436,028	88,684	843	106.40	7.48
Endodontics	2,432,303	5,776	51	421.11	1.79	2,153,343	5,143	49	418.69	1.71
Oral Surgery	5,089,274	27,468	243	185.28	3.75	4,846,435	25,923	247	186.96	3.84
Orthodontics	2,575,565	19,403	172	132.74	1.90	2,609,883	20,069	191	130.05	2.07
Other	2,532,335	36,899	326	68.63	1.87	2,497,671	35,420	337	70.52	1.98
Subtotal	31,738,231	498,923	4,411	63.61	23.39	29,875,058	475,932	4,526	62.77	23.67
Ages 14 - 20 : Male										
Member Months	1,279,940					1,171,537				
Diagnostic	3,521,393	141,386	1,326	24.91	2.75	3,346,534	135,647	1,389	24.67	2.86
Preventive	3,462,330	108,832	1,020	31.81	2.71	3,307,555	103,271	1,058	32.03	2.82
Restorative	8,252,484	75,229	705	109.70	6.45	7,541,463	69,662	714	108.26	6.44
Endodontics	1,911,365	4,630	43	412.82	1.49	1,686,147	4,035	41	417.88	1.44
Oral Surgery	3,595,185	19,594	184	183.48	2.81	3,286,021	17,661	181	186.06	2.80
Orthodontics	2,000,030	14,690	138	136.15	1.56	2,053,156	15,562	159	131.93	1.75
Other	1,767,792	25,735	241	68.69	1.38	1,577,657	24,037	246	65.63	1.35
Subtotal	24,510,580	390,096	3,657	62.83	19.15	22,798,532	369,875	3,789	61.64	19.46
Total Less than 21										
Member Months	10,145,408					9,652,550				
Diagnostic	29,537,481	1,269,225	1,501	23.27	2.91	28,770,245	1,257,301	1,563	22.88	2.98
Preventive	35,096,278	1,201,835	1,422	29.20	3.46	34,486,896	1,173,881	1,459	29.38	3.57
Restorative	49,541,996	524,021	620	94.54	4.88	47,157,314	499,150	621	94.48	4.89
Endodontics	9,782,342	66,852	79	146.33	0.96	8,800,693	59,645	74	147.55	0.91
Oral Surgery	14,109,238	125,871	149	112.09	1.39	13,464,226	120,339	150	111.89	1.39
Orthodontics	9,965,264	60,508	72	164.69	0.98	10,150,274	63,159	79	160.71	1.05
Other	9,336,199	180,152	213	51.82	0.92	9,188,552	177,375	221	51.80	0.95
Total	157,368,797	3,428,464	4,055	45.90	15.51	152,018,201	3,350,850	4,166	45.37	15.75

TennCare
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Exhibit 8a

Disabled										
	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
Service Category	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	280,574					268,881				
Diagnostic	787,972	34,001	1,454	23.17	2.81	750,226	32,948	1,470	22.77	2.79
Preventive	969,453	34,145	1,460	28.39	3.46	930,392	32,656	1,457	28.49	3.46
Restorative	1,095,211	12,340	528	88.75	3.90	1,063,594	12,017	536	88.51	3.96
Endodontics	176,600	1,647	70	107.23	0.63	175,570	1,598	71	109.87	0.65
Oral Surgery	261,743	3,846	164	68.06	0.93	253,008	3,588	160	70.51	0.94
Orthodontics	225,045	1,081	46	208.18	0.80	200,430	918	41	218.33	0.75
Other	177,068	3,621	155	48.90	0.63	169,138	3,423	153	49.41	0.63
Subtotal	3,693,092	90,681	3,878	40.73	13.16	3,542,358	87,148	3,889	40.65	13.17
Ages 14 - 20 : Female										
Member Months	65,051					63,381				
Diagnostic	207,962	8,486	1,565	24.51	3.20	195,598	8,085	1,531	24.19	3.09
Preventive	200,289	6,282	1,159	31.88	3.08	184,210	5,747	1,088	32.05	2.91
Restorative	483,682	4,473	825	108.13	7.44	458,410	4,204	796	109.04	7.23
Endodontics	114,949	278	51	413.48	1.77	110,904	265	50	418.50	1.75
Oral Surgery	221,767	1,337	247	165.87	3.41	212,283	1,270	240	167.15	3.35
Orthodontics	107,318	827	153	129.77	1.65	128,317	932	176	137.68	2.02
Other	125,942	1,611	297	78.18	1.94	113,918	1,535	291	74.21	1.80
Subtotal	1,461,908	23,294	4,297	62.76	22.47	1,403,641	22,038	4,172	63.69	22.15
Ages 14 - 20 : Male										
Member Months	126,634					120,117				
Diagnostic	332,940	13,263	1,257	25.10	2.63	316,265	12,914	1,290	24.49	2.63
Preventive	325,190	10,206	967	31.86	2.57	307,025	9,582	957	32.04	2.56
Restorative	804,192	7,163	679	112.27	6.35	727,216	6,396	639	113.70	6.05
Endodontics	192,857	480	45	401.79	1.52	173,495	438	44	396.11	1.44
Oral Surgery	315,987	1,972	187	160.24	2.50	289,438	1,719	172	168.38	2.41
Orthodontics	145,753	1,002	95	145.46	1.15	129,705	946	95	137.11	1.08
Other	181,401	2,302	218	78.80	1.43	165,757	2,308	231	71.82	1.38
Subtotal	2,298,319	36,388	3,448	63.16	18.15	2,108,901	34,303	3,427	61.48	17.56
Total Less than 21										
Member Months	472,259					452,379				
Diagnostic	1,328,874	55,750	1,417	23.84	2.81	1,262,090	53,947	1,431	23.39	2.79
Preventive	1,494,931	50,633	1,287	29.52	3.17	1,421,627	47,985	1,273	29.63	3.14
Restorative	2,383,084	23,976	609	99.39	5.05	2,249,221	22,617	600	99.45	4.97
Endodontics	484,406	2,405	61	201.42	1.03	459,968	2,301	61	199.90	1.02
Oral Surgery	799,497	7,155	182	111.74	1.69	754,729	6,577	174	114.75	1.67
Orthodontics	478,115	2,910	74	164.30	1.01	458,452	2,796	74	163.97	1.01
Other	484,411	7,534	191	64.30	1.03	448,813	7,266	193	61.77	0.99
Total	7,453,319	150,363	3,821	49.57	15.78	7,054,900	143,489	3,806	49.17	15.60

TennCare
SFY2019 Dental Per Capita Cost Development
All Regions - Base Period Experience

Exhibit 8a

Duals/Waiver Duals										
Service Category	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	82					73				
Diagnostic	82	3	441	27.36	1.01	241	9	1,480	26.76	3.30
Preventive	88	3	441	29.29	1.08	289	10	1,644	28.85	3.95
Restorative	-	-	-	-	-	-	-	-	-	-
Endodontics	-	-	-	-	-	-	-	-	-	-
Oral Surgery	-	-	-	-	-	66	1	164	65.64	0.90
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	29	1	164	28.96	0.40
Subtotal	170	6	882	28.33	2.08	624	21	3,452	29.71	8.55
Ages 14 - 20 : Female										
Member Months	1,472					1,402				
Diagnostic	3,893	156	1,272	24.96	2.65	3,382	151	1,293	22.40	2.41
Preventive	3,513	107	873	32.83	2.39	2,529	84	719	30.10	1.80
Restorative	13,934	123	1,003	113.29	9.47	22,968	131	1,122	175.33	16.39
Endodontics	3,849	8	65	481.18	2.62	5,232	12	103	436.03	3.73
Oral Surgery	7,422	46	375	161.34	5.04	7,007	38	325	184.39	5.00
Orthodontics	290	3	24	96.53	0.20	-	-	-	-	-
Other	5,361	58	473	92.43	3.64	5,619	63	539	89.19	4.01
Subtotal	38,262	501	4,085	76.37	26.00	46,737	479	4,101	97.57	33.35
Ages 14 - 20 : Male										
Member Months	2,145					2,074				
Diagnostic	4,840	199	1,113	24.32	2.26	5,098	210	1,215	24.28	2.46
Preventive	4,856	147	822	33.03	2.26	4,478	137	793	32.69	2.16
Restorative	20,088	140	783	143.49	9.37	26,100	208	1,204	125.48	12.59
Endodontics	5,106	12	67	425.52	2.38	1,756	5	29	351.22	0.85
Oral Surgery	6,934	39	218	177.80	3.23	2,960	17	98	174.11	1.43
Orthodontics	48	1	6	48.26	0.02	-	-	-	-	-
Other	2,289	38	213	60.23	1.07	2,904	34	197	85.40	1.40
Subtotal	44,161	576	3,222	76.67	20.59	43,296	611	3,536	70.86	20.88
Total Less than 21										
Member Months	3,698					3,548				
Diagnostic	8,815	358	1,162	24.62	2.38	8,721	370	1,251	23.57	2.46
Preventive	8,456	257	834	32.90	2.29	7,296	231	781	31.58	2.06
Restorative	34,023	263	853	129.36	9.20	49,068	339	1,146	144.74	13.83
Endodontics	8,956	20	65	447.79	2.42	6,988	17	57	411.08	1.97
Oral Surgery	14,356	85	276	168.89	3.88	10,032	56	189	179.15	2.83
Orthodontics	338	4	13	84.46	0.09	-	-	-	-	-
Other	7,650	96	312	79.69	2.07	8,552	98	331	87.26	2.41
Total	82,594	1,083	3,514	76.26	22.33	90,657	1,111	3,757	81.60	25.55

TennCare
SFY2019 Dental Per Capita Cost Development
East Region - Base Period Experience

Exhibit 8a

All Aid Categories Dental Experience										
Service Category	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	2,584,431					2,500,502				
Diagnostic	7,134,345	324,632	1,507	21.98	2.76	7,124,566	325,930	1,564	21.86	2.85
Preventive	8,413,401	296,924	1,379	28.34	3.26	8,532,110	300,959	1,444	28.35	3.41
Restorative	10,686,314	120,714	560	88.53	4.13	9,907,385	111,119	533	89.16	3.96
Endodontics	1,823,302	18,518	86	98.46	0.71	1,576,201	15,592	75	101.09	0.63
Oral Surgery	1,930,840	27,859	129	69.31	0.75	1,725,550	24,726	119	69.79	0.69
Orthodontics	1,655,766	8,340	39	198.53	0.64	1,711,638	8,463	41	202.25	0.68
Other	1,568,475	40,242	187	38.98	0.61	1,605,100	41,054	197	39.10	0.64
Subtotal	33,212,443	837,229	3,887	39.67	12.85	32,182,550	827,843	3,973	38.88	12.87
Ages 14 - 20 : Female										
Member Months	491,246					465,657				
Diagnostic	1,674,749	70,447	1,721	23.77	3.41	1,635,890	68,664	1,769	23.82	3.51
Preventive	1,529,255	47,967	1,172	31.88	3.11	1,498,660	46,650	1,202	32.13	3.22
Restorative	3,652,966	34,155	834	106.95	7.44	3,553,115	33,324	859	106.62	7.63
Endodontics	787,884	1,930	47	408.23	1.60	744,825	1,778	46	418.91	1.60
Oral Surgery	2,129,307	11,508	281	185.03	4.33	2,066,047	10,947	282	188.73	4.44
Orthodontics	958,013	7,196	176	133.13	1.95	1,006,463	7,630	197	131.91	2.16
Other	999,949	14,129	345	70.77	2.04	989,490	14,303	369	69.18	2.12
Subtotal	11,732,122	187,332	4,576	62.63	23.88	11,494,491	183,296	4,724	62.71	24.68
Ages 14 - 20 : Male										
Member Months	485,214					452,899				
Diagnostic	1,373,741	57,327	1,418	23.96	2.83	1,349,230	56,443	1,496	23.90	2.98
Preventive	1,284,713	40,477	1,001	31.74	2.65	1,268,346	39,610	1,050	32.02	2.80
Restorative	3,233,791	29,368	726	110.11	6.66	3,209,381	29,079	770	110.37	7.09
Endodontics	688,084	1,747	43	393.87	1.42	716,050	1,754	46	408.24	1.58
Oral Surgery	1,544,342	8,387	207	184.14	3.18	1,543,946	8,146	216	189.53	3.41
Orthodontics	705,126	5,275	130	133.67	1.45	795,327	5,680	150	140.02	1.76
Other	725,287	10,402	257	69.73	1.49	691,850	10,608	281	65.22	1.53
Subtotal	9,555,083	152,983	3,783	62.46	19.69	9,574,129	151,320	4,009	63.27	21.14
Total Less than 21										
Member Months	3,560,891					3,419,058				
Diagnostic	10,182,835	452,406	1,525	22.51	2.86	10,109,686	451,037	1,583	22.41	2.96
Preventive	11,227,368	385,368	1,299	29.13	3.15	11,299,115	387,219	1,359	29.18	3.30
Restorative	17,573,070	184,237	621	95.38	4.94	16,669,881	173,522	609	96.07	4.88
Endodontics	3,299,270	22,195	75	148.65	0.93	3,037,076	19,124	67	158.81	0.89
Oral Surgery	5,604,488	47,754	161	117.36	1.57	5,335,543	43,819	154	121.76	1.56
Orthodontics	3,318,905	20,811	70	159.48	0.93	3,513,427	21,773	76	161.37	1.03
Other	3,293,711	64,773	218	50.85	0.92	3,286,441	65,965	232	49.82	0.96
Total	54,499,649	1,177,544	3,968	46.28	15.31	53,251,169	1,162,459	4,080	45.81	15.57

TennCare
SFY2019 Dental Per Capita Cost Development
East Region - Base Period Experience

Exhibit 8a

Medicaid (TANF & Related) and Uninsured										
	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
Service Category	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	2,503,178					2,422,762				
Diagnostic	6,916,369	314,867	1,509	21.97	2.76	6,915,937	316,613	1,568	21.84	2.85
Preventive	8,170,447	288,344	1,382	28.34	3.26	8,294,275	292,552	1,449	28.35	3.42
Restorative	10,358,201	117,055	561	88.49	4.14	9,600,321	107,682	533	89.15	3.96
Endodontics	1,773,977	18,058	87	98.24	0.71	1,525,823	15,158	75	100.66	0.63
Oral Surgery	1,841,413	26,560	127	69.33	0.74	1,651,624	23,682	117	69.74	0.68
Orthodontics	1,605,661	8,068	39	199.02	0.64	1,667,889	8,275	41	201.56	0.69
Other	1,522,454	39,177	188	38.86	0.61	1,557,086	39,979	198	38.95	0.64
Subtotal	32,188,521	812,129	3,893	39.63	12.86	31,212,955	803,941	3,982	38.82	12.88
Ages 14 - 20 : Female										
Member Months	470,955					445,887				
Diagnostic	1,609,890	67,720	1,726	23.77	3.42	1,573,834	66,011	1,777	23.84	3.53
Preventive	1,468,349	46,052	1,173	31.88	3.12	1,442,004	44,888	1,208	32.12	3.23
Restorative	3,503,903	32,873	838	106.59	7.44	3,382,742	31,924	859	105.96	7.59
Endodontics	757,389	1,857	47	407.86	1.61	704,056	1,680	45	419.08	1.58
Oral Surgery	2,045,476	11,001	280	185.94	4.34	1,991,597	10,495	282	189.77	4.47
Orthodontics	927,060	6,934	177	133.70	1.97	963,608	7,342	198	131.25	2.16
Other	945,449	13,570	346	69.67	2.01	950,184	13,750	370	69.10	2.13
Subtotal	11,257,516	180,007	4,587	62.54	23.90	11,008,023	176,090	4,739	62.51	24.69
Ages 14 - 20 : Male										
Member Months	446,420					415,425				
Diagnostic	1,268,501	52,969	1,424	23.95	2.84	1,244,993	52,086	1,505	23.90	3.00
Preventive	1,187,662	37,431	1,006	31.73	2.66	1,171,810	36,620	1,058	32.00	2.82
Restorative	2,967,635	27,111	729	109.46	6.65	2,945,860	26,799	774	109.92	7.09
Endodontics	628,855	1,592	43	395.01	1.41	658,225	1,605	46	410.11	1.58
Oral Surgery	1,417,078	7,590	204	186.70	3.17	1,432,673	7,481	216	191.51	3.45
Orthodontics	659,236	4,979	134	132.40	1.48	756,677	5,411	156	139.84	1.82
Other	657,426	9,600	258	68.48	1.47	629,757	9,692	280	64.98	1.52
Subtotal	8,786,394	141,272	3,797	62.19	19.68	8,839,995	139,694	4,035	63.28	21.28
Total Less than 21										
Member Months	3,420,553					3,284,074				
Diagnostic	9,794,760	435,556	1,528	22.49	2.86	9,734,763	434,710	1,588	22.39	2.96
Preventive	10,826,458	371,827	1,304	29.12	3.17	10,908,089	374,060	1,367	29.16	3.32
Restorative	16,829,739	177,039	621	95.06	4.92	15,928,922	166,405	608	95.72	4.85
Endodontics	3,160,221	21,507	75	146.94	0.92	2,888,104	18,443	67	156.60	0.88
Oral Surgery	5,303,967	45,151	158	117.47	1.55	5,075,893	41,658	152	121.85	1.55
Orthodontics	3,191,957	19,981	70	159.75	0.93	3,388,174	21,028	77	161.13	1.03
Other	3,125,329	62,347	219	50.13	0.91	3,137,027	63,421	232	49.46	0.96
Total	52,232,431	1,133,408	3,976	46.08	15.27	51,060,973	1,119,725	4,091	45.60	15.55

TennCare
SFY2019 Dental Per Capita Cost Development
East Region - Base Period Experience

Exhibit 8a

Disabled										
	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
Service Category	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	81,245					77,733				
Diagnostic	217,952	9,764	1,442	22.32	2.68	208,629	9,317	1,438	22.39	2.68
Preventive	242,921	8,579	1,267	28.32	2.99	237,834	8,407	1,298	28.29	3.06
Restorative	328,113	3,659	540	89.67	4.04	307,064	3,437	531	89.34	3.95
Endodontics	49,325	460	68	107.23	0.61	50,378	434	67	116.08	0.65
Oral Surgery	89,427	1,299	192	68.84	1.10	73,927	1,044	161	70.81	0.95
Orthodontics	50,106	272	40	184.21	0.62	43,749	188	29	232.71	0.56
Other	46,021	1,065	157	43.21	0.57	48,015	1,075	166	44.66	0.62
Subtotal	1,023,864	25,098	3,707	40.79	12.60	969,595	23,902	3,690	40.57	12.47
Ages 14 - 20 : Female										
Member Months	19,689					19,136				
Diagnostic	63,407	2,670	1,627	23.75	3.22	60,606	2,591	1,625	23.39	3.17
Preventive	59,631	1,875	1,143	31.80	3.03	55,716	1,733	1,087	32.15	2.91
Restorative	144,654	1,239	755	116.75	7.35	161,781	1,342	842	120.55	8.45
Endodontics	29,492	71	43	415.38	1.50	38,908	94	59	413.92	2.03
Oral Surgery	81,177	489	298	166.01	4.12	72,758	439	275	165.73	3.80
Orthodontics	30,663	259	158	118.39	1.56	42,855	288	181	148.80	2.24
Other	51,979	539	329	96.44	2.64	36,555	530	332	68.97	1.91
Subtotal	461,003	7,142	4,353	64.55	23.41	469,178	7,017	4,400	66.86	24.52
Ages 14 - 20 : Male										
Member Months	37,964					36,631				
Diagnostic	103,344	4,275	1,351	24.17	2.72	102,489	4,280	1,402	23.95	2.80
Preventive	95,202	2,989	945	31.85	2.51	95,020	2,944	964	32.28	2.59
Restorative	257,058	2,191	693	117.32	6.77	256,769	2,232	731	115.04	7.01
Endodontics	58,544	153	48	382.64	1.54	56,905	147	48	387.11	1.55
Oral Surgery	124,385	780	247	159.47	3.28	109,908	656	215	167.54	3.00
Orthodontics	45,889	296	94	155.03	1.21	38,649	269	88	143.68	1.06
Other	67,013	787	249	85.15	1.77	61,498	907	297	67.80	1.68
Subtotal	751,435	11,471	3,626	65.51	19.79	721,239	11,435	3,746	63.07	19.69
Total Less than 21										
Member Months	138,898					133,500				
Diagnostic	384,703	16,709	1,444	23.02	2.77	371,723	16,188	1,455	22.96	2.78
Preventive	397,753	13,443	1,161	29.59	2.86	388,571	13,084	1,176	29.70	2.91
Restorative	729,824	7,089	612	102.95	5.25	725,614	7,011	630	103.50	5.44
Endodontics	137,362	684	59	200.82	0.99	146,191	675	61	216.58	1.10
Oral Surgery	294,989	2,568	222	114.87	2.12	256,592	2,139	192	119.96	1.92
Orthodontics	126,658	827	71	153.15	0.91	125,254	745	67	168.13	0.94
Other	165,013	2,391	207	69.01	1.19	146,068	2,512	226	58.15	1.09
Total	2,236,302	43,711	3,776	51.16	16.10	2,160,012	42,354	3,807	51.00	16.18

TennCare
SFY2019 Dental Per Capita Cost Development
East Region - Base Period Experience

Exhibit 8a

Duals/Waiver Duals										
Service Category	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	8					7				
Diagnostic	24	1	1,500	24.16	3.02	-	-	-	-	-
Preventive	34	1	1,500	33.79	4.22	-	-	-	-	-
Restorative	-	-	-	-	-	-	-	-	-	-
Endodontics	-	-	-	-	-	-	-	-	-	-
Oral Surgery	-	-	-	-	-	-	-	-	-	-
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Subtotal	58	2	3,000	28.98	7.24	-	-	-	-	-
Ages 14 - 20 : Female										
Member Months	602					634				
Diagnostic	1,452	57	1,136	25.48	2.41	1,451	62	1,173	23.41	2.29
Preventive	1,275	40	797	31.87	2.12	940	29	549	32.41	1.48
Restorative	4,410	43	857	102.55	7.32	8,593	58	1,098	148.15	13.55
Endodontics	1,002	2	40	500.97	1.66	1,861	4	76	465.15	2.93
Oral Surgery	2,653	18	359	147.42	4.41	1,693	13	246	130.21	2.67
Orthodontics	290	3	60	96.53	0.48	-	-	-	-	-
Other	2,522	20	398	126.08	4.19	2,752	23	435	119.65	4.34
Subtotal	13,603	183	3,646	74.33	22.59	17,289	189	3,577	91.48	27.27
Ages 14 - 20 : Male										
Member Months	829					843				
Diagnostic	1,896	83	1,201	22.84	2.29	1,749	77	1,095	22.71	2.07
Preventive	1,849	57	825	32.43	2.23	1,515	46	654	32.94	1.80
Restorative	9,098	66	955	137.84	10.97	6,752	48	683	140.66	8.00
Endodontics	685	2	29	342.67	0.83	920	2	28	460.16	1.09
Oral Surgery	2,879	17	246	169.37	3.47	1,365	9	128	151.69	1.62
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	848	15	217	56.53	1.02	594	9	128	66.05	0.70
Subtotal	17,255	240	3,472	71.89	20.80	12,896	191	2,717	67.52	15.29
Total Less than 21										
Member Months	1,440					1,484				
Diagnostic	3,372	141	1,175	23.92	2.34	3,200	139	1,124	23.02	2.16
Preventive	3,157	98	817	32.22	2.19	2,455	75	606	32.73	1.65
Restorative	13,507	109	908	123.92	9.38	15,344	106	857	144.76	10.34
Endodontics	1,687	4	33	421.82	1.17	2,781	6	49	463.49	1.87
Oral Surgery	5,533	35	292	158.08	3.84	3,058	22	178	139.00	2.06
Orthodontics	290	3	25	96.53	0.20	-	-	-	-	-
Other	3,370	35	292	96.27	2.34	3,346	32	259	104.57	2.25
Total	30,916	425	3,542	72.74	21.47	30,185	380	3,072	79.43	20.33

TennCare
SFY2019 Dental Per Capita Cost Development
Middle Region - Base Period Experience

Exhibit 8a

All Aid Categories Dental Experience										
Service Category	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	2,909,042					2,823,766				
Diagnostic	8,550,628	374,726	1,546	22.82	2.94	8,658,067	389,501	1,655	22.23	3.07
Preventive	11,373,957	393,110	1,622	28.93	3.91	11,549,608	395,136	1,679	29.23	4.09
Restorative	13,344,762	151,420	625	88.13	4.59	13,774,535	155,079	659	88.82	4.88
Endodontics	2,506,419	26,604	110	94.21	0.86	2,401,169	24,590	104	97.65	0.85
Oral Surgery	2,424,656	35,491	146	68.32	0.83	2,522,123	36,291	154	69.50	0.89
Orthodontics	2,971,865	14,213	59	209.09	1.02	2,991,875	14,882	63	201.04	1.06
Other	2,238,953	50,635	209	44.22	0.77	2,284,963	50,871	216	44.92	0.81
Subtotal	43,411,240	1,046,199	4,316	41.49	14.92	44,182,340	1,066,350	4,532	41.43	15.65
Ages 14 - 20 : Female										
Member Months	503,390					474,993				
Diagnostic	1,635,326	66,095	1,576	24.74	3.25	1,619,082	66,521	1,681	24.34	3.41
Preventive	1,598,362	49,970	1,191	31.99	3.18	1,562,266	48,676	1,230	32.10	3.29
Restorative	4,482,561	39,269	936	114.15	8.90	4,047,659	36,271	916	111.59	8.52
Endodontics	1,124,496	2,651	63	424.18	2.23	996,240	2,428	61	410.31	2.10
Oral Surgery	1,766,624	9,453	225	186.88	3.51	1,726,692	9,255	234	186.57	3.64
Orthodontics	1,036,273	7,983	190	129.81	2.06	1,103,325	8,493	215	129.91	2.32
Other	902,104	13,737	327	65.67	1.79	933,185	13,149	332	70.97	1.96
Subtotal	12,545,746	189,158	4,509	66.32	24.92	11,988,449	184,793	4,669	64.88	25.24
Ages 14 - 20 : Male										
Member Months	500,435					465,375				
Diagnostic	1,397,720	56,048	1,344	24.94	2.79	1,346,147	54,912	1,416	24.51	2.89
Preventive	1,414,737	44,411	1,065	31.86	2.83	1,360,406	42,497	1,096	32.01	2.92
Restorative	3,767,501	32,656	783	115.37	7.53	3,237,037	28,946	746	111.83	6.96
Endodontics	927,294	2,212	53	419.21	1.85	720,644	1,725	44	417.76	1.55
Oral Surgery	1,448,330	7,974	191	181.63	2.89	1,247,257	6,864	177	181.71	2.68
Orthodontics	894,952	6,474	155	138.24	1.79	887,042	7,004	181	126.65	1.91
Other	713,900	10,680	256	66.84	1.43	621,256	9,597	247	64.73	1.33
Subtotal	10,564,432	160,455	3,848	65.84	21.11	9,419,789	151,545	3,908	62.16	20.24
Total Less than 21										
Member Months	3,912,866					3,764,134				
Diagnostic	11,583,673	496,869	1,524	23.31	2.96	11,623,296	510,934	1,629	22.75	3.09
Preventive	14,387,056	487,491	1,495	29.51	3.68	14,472,281	486,309	1,550	29.76	3.84
Restorative	21,594,823	223,345	685	96.69	5.52	21,059,232	220,296	702	95.60	5.59
Endodontics	4,558,208	31,467	97	144.86	1.16	4,118,053	28,743	92	143.27	1.09
Oral Surgery	5,639,609	52,918	162	106.57	1.44	5,496,071	52,410	167	104.87	1.46
Orthodontics	4,903,091	28,670	88	171.02	1.25	4,982,242	30,379	97	164.00	1.32
Other	3,854,957	75,052	230	51.36	0.99	3,839,404	73,617	235	52.15	1.02
Total	66,521,418	1,395,812	4,281	47.66	17.00	65,590,578	1,402,688	4,472	46.76	17.43

TennCare
SFY2019 Dental Per Capita Cost Development
Middle Region - Base Period Experience

Exhibit 8a

Medicaid (TANF & Related) and Uninsured										
	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
Service Category	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	2,812,910					2,732,850				
Diagnostic	8,290,080	363,350	1,550	22.82	2.95	8,395,111	377,751	1,659	22.22	3.07
Preventive	11,031,740	381,197	1,626	28.94	3.92	11,212,220	383,426	1,684	29.24	4.10
Restorative	12,927,866	146,761	626	88.09	4.60	13,349,816	150,301	660	88.82	4.88
Endodontics	2,434,028	25,904	111	93.96	0.87	2,328,630	23,887	105	97.49	0.85
Oral Surgery	2,324,057	34,026	145	68.30	0.83	2,416,985	34,802	153	69.45	0.88
Orthodontics	2,854,660	13,700	58	208.37	1.01	2,886,989	14,421	63	200.19	1.06
Other	2,165,734	49,186	210	44.03	0.77	2,215,799	49,554	218	44.71	0.81
Subtotal	42,028,166	1,014,124	4,326	41.44	14.94	42,805,550	1,034,142	4,541	41.39	15.66
Ages 14 - 20 : Female										
Member Months	482,329					454,540				
Diagnostic	1,569,113	63,344	1,576	24.77	3.25	1,557,758	63,907	1,687	24.38	3.43
Preventive	1,533,968	47,958	1,193	31.99	3.18	1,503,857	46,842	1,237	32.10	3.31
Restorative	4,289,901	37,565	935	114.20	8.89	3,879,106	34,847	920	111.32	8.53
Endodontics	1,069,529	2,519	63	424.58	2.22	949,324	2,317	61	409.72	2.09
Oral Surgery	1,700,778	9,075	226	187.41	3.53	1,663,883	8,887	235	187.23	3.66
Orthodontics	989,901	7,648	190	129.43	2.05	1,055,465	8,120	214	129.98	2.32
Other	865,086	13,195	328	65.56	1.79	896,416	12,644	334	70.90	1.97
Subtotal	12,018,277	181,304	4,511	66.29	24.92	11,505,808	177,564	4,688	64.80	25.31
Ages 14 - 20 : Male										
Member Months	458,750					425,555				
Diagnostic	1,287,562	51,566	1,349	24.97	2.81	1,239,157	50,437	1,422	24.57	2.91
Preventive	1,303,281	40,913	1,070	31.85	2.84	1,254,501	39,186	1,105	32.01	2.95
Restorative	3,437,721	29,899	782	114.98	7.49	2,947,846	26,505	747	111.22	6.93
Endodontics	841,109	1,997	52	421.19	1.83	654,308	1,557	44	420.24	1.54
Oral Surgery	1,348,889	7,339	192	183.80	2.94	1,149,746	6,266	177	183.49	2.70
Orthodontics	842,878	6,128	160	137.55	1.84	843,447	6,669	188	126.47	1.98
Other	661,441	9,898	259	66.83	1.44	563,285	8,811	248	63.93	1.32
Subtotal	9,722,881	147,740	3,865	65.81	21.19	8,652,291	139,431	3,932	62.05	20.33
Total Less than 21										
Member Months	3,753,989					3,612,945				
Diagnostic	11,146,755	478,260	1,529	23.31	2.97	11,192,025	492,095	1,634	22.74	3.10
Preventive	13,868,989	470,068	1,503	29.50	3.69	13,970,577	469,454	1,559	29.76	3.87
Restorative	20,655,488	214,225	685	96.42	5.50	20,176,768	211,653	703	95.33	5.58
Endodontics	4,344,667	30,420	97	142.82	1.16	3,932,263	27,761	92	141.65	1.09
Oral Surgery	5,373,725	50,440	161	106.54	1.43	5,230,615	49,955	166	104.71	1.45
Orthodontics	4,687,439	27,476	88	170.60	1.25	4,785,902	29,210	97	163.84	1.32
Other	3,692,261	72,279	231	51.08	0.98	3,675,500	71,009	236	51.76	1.02
Total	63,769,324	1,343,168	4,294	47.48	16.99	62,963,649	1,351,137	4,488	46.60	17.43

TennCare
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Middle Region - Base Period Experience

Exhibit 8a

Disabled										
	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
Service Category	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	96,107					90,898				
Diagnostic	260,547	11,376	1,420	22.90	2.71	262,956	11,750	1,551	22.38	2.89
Preventive	342,217	11,913	1,487	28.73	3.56	337,389	11,710	1,546	28.81	3.71
Restorative	416,895	4,659	582	89.48	4.34	424,719	4,778	631	88.89	4.67
Endodontics	72,391	700	87	103.42	0.75	72,539	703	93	103.19	0.80
Oral Surgery	100,598	1,465	183	68.67	1.05	105,137	1,489	197	70.61	1.16
Orthodontics	117,206	513	64	228.47	1.22	104,886	461	61	227.52	1.15
Other	73,219	1,449	181	50.53	0.76	69,164	1,317	174	52.52	0.76
Subtotal	1,383,074	32,075	4,005	43.12	14.39	1,376,790	32,208	4,252	42.75	15.15
Ages 14 - 20 : Female										
Member Months	20,599					20,032				
Diagnostic	65,053	2,699	1,572	24.10	3.16	60,383	2,570	1,540	23.50	3.01
Preventive	63,262	1,979	1,153	31.97	3.07	57,440	1,799	1,078	31.93	2.87
Restorative	183,843	1,633	951	112.58	8.92	159,673	1,384	829	115.37	7.97
Endodontics	52,119	126	73	413.64	2.53	45,594	108	65	422.17	2.28
Oral Surgery	63,961	365	213	175.23	3.11	59,253	351	210	168.81	2.96
Orthodontics	46,372	335	195	138.42	2.25	47,860	373	223	128.31	2.39
Other	35,151	516	301	68.12	1.71	35,354	484	290	73.05	1.76
Subtotal	509,760	7,653	4,458	66.61	24.75	465,557	7,069	4,235	65.86	23.24
Ages 14 - 20 : Male										
Member Months	41,070					39,108				
Diagnostic	108,880	4,434	1,296	24.56	2.65	105,263	4,395	1,349	23.95	2.69
Preventive	110,282	3,463	1,012	31.85	2.69	104,293	3,261	1,001	31.98	2.67
Restorative	321,009	2,707	791	118.58	7.82	274,238	2,327	714	117.85	7.01
Endodontics	82,765	207	60	399.83	2.02	65,499	165	51	396.97	1.67
Oral Surgery	97,666	626	183	156.02	2.38	96,400	592	182	162.84	2.46
Orthodontics	52,074	346	101	150.50	1.27	43,595	335	103	130.13	1.11
Other	51,851	772	226	67.16	1.26	56,298	772	237	72.92	1.44
Subtotal	824,528	12,555	3,668	65.67	20.08	745,586	11,847	3,635	62.93	19.06
Total Less than 21										
Member Months	157,776					150,039				
Diagnostic	434,480	18,509	1,408	23.47	2.75	428,602	18,715	1,497	22.90	2.86
Preventive	515,762	17,355	1,320	29.72	3.27	499,121	16,770	1,341	29.76	3.33
Restorative	921,747	8,999	684	102.43	5.84	858,630	8,489	679	101.15	5.72
Endodontics	207,275	1,033	79	200.65	1.31	183,633	976	78	188.15	1.22
Oral Surgery	262,225	2,456	187	106.77	1.66	260,790	2,432	195	107.23	1.74
Orthodontics	215,652	1,194	91	180.61	1.37	196,340	1,169	93	167.96	1.31
Other	160,222	2,737	208	58.54	1.02	160,816	2,573	206	62.50	1.07
Total	2,717,362	52,283	3,976	51.97	17.22	2,587,933	51,124	4,089	50.62	17.25

TennCare
SFY2019 Dental Per Capita Cost Development
Middle Region - Base Period Experience

Exhibit 8a

Duals/Waiver Duals										
Service Category	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	25					18				
Diagnostic	-	-	-	-	-	-	-	-	-	-
Preventive	-	-	-	-	-	-	-	-	-	-
Restorative	-	-	-	-	-	-	-	-	-	-
Endodontics	-	-	-	-	-	-	-	-	-	-
Oral Surgery	-	-	-	-	-	-	-	-	-	-
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-	-
Ages 14 - 20 : Female										
Member Months	461					421				
Diagnostic	1,160	52	1,353	22.30	2.51	941	44	1,255	21.39	2.24
Preventive	1,132	33	859	34.31	2.45	970	35	999	27.71	2.31
Restorative	8,818	71	1,847	124.19	19.12	8,880	40	1,141	222.00	21.11
Endodontics	2,848	6	156	474.59	6.17	1,321	3	86	440.48	3.14
Oral Surgery	1,885	13	338	145.01	4.09	3,556	17	485	209.20	8.46
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	1,867	26	676	71.80	4.05	1,415	21	599	67.38	3.36
Subtotal	17,709	201	5,229	88.10	38.39	17,084	160	4,565	106.77	40.62
Ages 14 - 20 : Male										
Member Months	615					711				
Diagnostic	1,278	48	936	26.63	2.08	1,727	80	1,350	21.59	2.43
Preventive	1,173	35	683	33.52	1.91	1,613	50	844	32.25	2.27
Restorative	8,771	50	975	175.42	14.25	14,954	114	1,924	131.17	21.03
Endodontics	3,419	8	156	427.37	5.56	836	3	51	278.59	1.18
Oral Surgery	1,774	9	176	197.13	2.88	1,110	6	101	185.02	1.56
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	607	10	195	60.74	0.99	1,673	14	236	119.49	2.35
Subtotal	17,023	160	3,120	106.39	27.66	21,912	267	4,506	82.07	30.82
Total Less than 21										
Member Months	1,101					1,150				
Diagnostic	2,438	100	1,089	24.38	2.21	2,668	124	1,294	21.52	2.32
Preventive	2,305	68	741	33.90	2.09	2,583	85	887	30.38	2.25
Restorative	17,588	121	1,318	145.36	15.97	23,834	154	1,607	154.76	20.73
Endodontics	6,266	14	153	447.61	5.69	2,157	6	63	359.54	1.88
Oral Surgery	3,659	22	240	166.33	3.32	4,666	23	240	202.89	4.06
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	2,474	36	392	68.73	2.25	3,088	35	365	88.23	2.69
Total	34,732	361	3,933	96.21	31.53	38,996	427	4,457	91.33	33.92

TennCare
SFY2019 Dental Per Capita Cost Development
West Region - Base Period Experience

Exhibit 8a

All Aid Categories Dental Experience										
Service Category	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	2,295,451					2,163,815				
Diagnostic	6,662,975	282,277	1,476	23.60	2.90	6,113,933	264,634	1,468	23.10	2.83
Preventive	8,588,172	304,803	1,593	28.18	3.74	7,974,220	281,034	1,559	28.37	3.69
Restorative	7,929,044	92,143	482	86.05	3.45	7,561,497	86,623	480	87.29	3.49
Endodontics	1,285,553	12,971	68	99.11	0.56	1,159,402	11,883	66	97.57	0.54
Oral Surgery	1,331,027	19,305	101	68.95	0.58	1,337,170	19,327	107	69.19	0.62
Orthodontics	987,082	4,943	26	199.69	0.43	984,153	5,101	28	192.93	0.45
Other	1,405,712	30,262	158	46.45	0.61	1,392,328	29,417	163	47.33	0.64
Subtotal	28,189,564	746,704	3,904	37.75	12.28	26,522,702	698,019	3,871	38.00	12.26
Ages 14 - 20 : Female										
Member Months	429,086					386,018				
Diagnostic	1,357,974	52,308	1,463	25.96	3.16	1,221,621	47,597	1,480	25.67	3.16
Preventive	1,304,143	40,766	1,140	31.99	3.04	1,179,897	36,652	1,139	32.19	3.06
Restorative	2,786,691	28,027	784	99.43	6.49	2,316,632	23,424	728	98.90	6.00
Endodontics	638,722	1,481	41	431.28	1.49	528,414	1,214	38	435.27	1.37
Oral Surgery	1,422,532	7,890	221	180.30	3.32	1,272,986	7,029	219	181.10	3.30
Orthodontics	688,886	5,054	141	136.31	1.61	628,413	4,878	152	128.83	1.63
Other	761,585	10,702	299	71.16	1.77	694,533	9,566	297	72.60	1.80
Subtotal	8,960,534	146,228	4,089	61.28	20.88	7,842,496	130,360	4,052	60.16	20.32
Ages 14 - 20 : Male										
Member Months	423,070					375,454				
Diagnostic	1,087,713	41,473	1,176	26.23	2.57	972,521	37,416	1,196	25.99	2.59
Preventive	1,092,926	34,297	973	31.87	2.58	990,306	30,883	987	32.07	2.64
Restorative	2,075,473	20,508	582	101.20	4.91	1,848,361	18,241	583	101.33	4.92
Endodontics	493,951	1,163	33	424.72	1.17	424,705	999	32	425.13	1.13
Oral Surgery	925,434	5,244	149	176.47	2.19	787,217	4,387	140	179.44	2.10
Orthodontics	545,753	3,944	112	138.38	1.29	500,491	3,824	122	130.88	1.33
Other	512,295	6,993	198	73.26	1.21	433,211	6,174	197	70.17	1.15
Subtotal	6,733,545	113,622	3,223	59.26	15.92	5,956,812	101,924	3,258	58.44	15.87
Total Less than 21										
Member Months	3,147,608					2,925,286				
Diagnostic	9,108,662	376,058	1,434	24.22	2.89	8,308,074	349,647	1,434	23.76	2.84
Preventive	10,985,241	379,866	1,448	28.92	3.49	10,144,423	348,569	1,430	29.10	3.47
Restorative	12,791,208	140,678	536	90.93	4.06	11,726,490	128,288	526	91.41	4.01
Endodontics	2,418,226	15,615	60	154.87	0.77	2,112,521	14,096	58	149.87	0.72
Oral Surgery	3,678,993	32,439	124	113.41	1.17	3,397,373	30,743	126	110.51	1.16
Orthodontics	2,221,722	13,941	53	159.37	0.71	2,113,058	13,803	57	153.09	0.72
Other	2,679,592	47,957	183	55.87	0.85	2,520,072	45,157	185	55.81	0.86
Total	43,883,643	1,006,554	3,837	43.60	13.94	40,322,011	930,303	3,816	43.34	13.78

TennCare
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West Region - Base Period Experience

Exhibit 8a

Medicaid (TANF & Related) and Uninsured										
	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
Service Category	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	2,192,182					2,063,517				
Diagnostic	6,353,444	269,414	1,475	23.58	2.90	5,835,050	252,744	1,470	23.09	2.83
Preventive	8,203,803	291,148	1,594	28.18	3.74	7,618,762	268,485	1,561	28.38	3.69
Restorative	7,578,841	88,121	482	86.00	3.46	7,229,686	82,821	482	87.29	3.50
Endodontics	1,230,669	12,484	68	98.58	0.56	1,106,750	11,422	66	96.90	0.54
Oral Surgery	1,259,309	18,223	100	69.11	0.57	1,263,160	18,271	106	69.13	0.61
Orthodontics	929,349	4,647	25	199.99	0.42	932,358	4,832	28	192.95	0.45
Other	1,347,884	29,155	160	46.23	0.61	1,340,339	28,385	165	47.22	0.65
Subtotal	26,903,299	713,192	3,904	37.72	12.27	25,326,106	666,960	3,879	37.97	12.27
Ages 14 - 20 : Female										
Member Months	403,915					361,458				
Diagnostic	1,277,191	49,144	1,460	25.99	3.16	1,146,021	44,628	1,482	25.68	3.17
Preventive	1,225,641	38,304	1,138	32.00	3.03	1,108,224	34,417	1,143	32.20	3.07
Restorative	2,630,799	26,417	785	99.59	6.51	2,174,181	21,913	727	99.22	6.02
Endodontics	605,384	1,400	42	432.42	1.50	499,963	1,146	38	436.27	1.38
Oral Surgery	1,343,019	7,392	220	181.69	3.33	1,190,956	6,541	217	182.08	3.29
Orthodontics	658,604	4,821	143	136.61	1.63	590,810	4,607	153	128.24	1.63
Other	721,800	10,134	301	71.23	1.79	651,072	9,026	300	72.13	1.80
Subtotal	8,462,439	137,612	4,088	61.49	20.95	7,361,226	122,278	4,059	60.20	20.37
Ages 14 - 20 : Male										
Member Months	374,770					330,556				
Diagnostic	965,331	36,851	1,180	26.20	2.58	862,385	33,124	1,202	26.04	2.61
Preventive	971,387	30,488	976	31.86	2.59	881,244	27,465	997	32.09	2.67
Restorative	1,847,128	18,219	583	101.38	4.93	1,647,757	16,358	594	100.73	4.98
Endodontics	441,401	1,041	33	424.02	1.18	373,614	873	32	427.97	1.13
Oral Surgery	829,218	4,665	149	177.75	2.21	703,602	3,914	142	179.77	2.13
Orthodontics	497,916	3,583	115	138.97	1.33	453,031	3,482	126	130.11	1.37
Other	448,925	6,237	200	71.98	1.20	384,614	5,534	201	69.50	1.16
Subtotal	6,001,305	101,084	3,237	59.37	16.01	5,306,247	90,750	3,294	58.47	16.05
Total Less than 21										
Member Months	2,970,866					2,755,531				
Diagnostic	8,595,965	355,409	1,436	24.19	2.89	7,843,456	330,496	1,439	23.73	2.85
Preventive	10,400,831	359,940	1,454	28.90	3.50	9,608,230	330,367	1,439	29.08	3.49
Restorative	12,056,769	132,757	536	90.82	4.06	11,051,623	121,092	527	91.27	4.01
Endodontics	2,277,454	14,925	60	152.59	0.77	1,980,327	13,441	59	147.33	0.72
Oral Surgery	3,431,546	30,280	122	113.33	1.16	3,157,718	28,726	125	109.93	1.15
Orthodontics	2,085,868	13,051	53	159.82	0.70	1,976,199	12,921	56	152.94	0.72
Other	2,518,609	45,526	184	55.32	0.85	2,376,025	42,945	187	55.33	0.86
Total	41,367,043	951,888	3,845	43.46	13.92	37,993,579	879,988	3,832	43.18	13.79

TennCare
SFY2019 Dental Per Capita Cost Development
West Region - Base Period Experience

Exhibit 8a

Disabled										
	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
Service Category	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	103,221					100,250				
Diagnostic	309,473	12,861	1,495	24.06	3.00	278,641	11,881	1,422	23.45	2.78
Preventive	384,315	13,653	1,587	28.15	3.72	355,169	12,539	1,501	28.33	3.54
Restorative	350,203	4,022	468	87.07	3.39	331,811	3,802	455	87.27	3.31
Endodontics	54,884	487	57	112.70	0.53	52,653	461	55	114.21	0.53
Oral Surgery	71,718	1,082	126	66.28	0.69	73,944	1,055	126	70.09	0.74
Orthodontics	57,734	296	34	195.05	0.56	51,796	269	32	192.55	0.52
Other	57,827	1,107	129	52.24	0.56	51,960	1,031	123	50.40	0.52
Subtotal	1,286,153	33,508	3,895	38.38	12.46	1,195,972	31,038	3,715	38.53	11.93
Ages 14 - 20 : Female										
Member Months	24,763					24,213				
Diagnostic	79,502	3,117	1,510	25.51	3.21	74,610	2,924	1,449	25.52	3.08
Preventive	77,396	2,428	1,177	31.88	3.13	71,054	2,215	1,098	32.08	2.93
Restorative	155,185	1,601	776	96.93	6.27	136,956	1,478	732	92.66	5.66
Endodontics	33,338	81	39	411.58	1.35	26,401	63	31	419.06	1.09
Oral Surgery	76,630	483	234	158.65	3.09	80,273	480	238	167.24	3.32
Orthodontics	30,282	233	113	129.97	1.22	37,603	271	134	138.76	1.55
Other	38,812	556	269	69.81	1.57	42,009	521	258	80.63	1.73
Subtotal	491,145	8,499	4,119	57.79	19.83	468,906	7,952	3,941	58.97	19.37
Ages 14 - 20 : Male										
Member Months	47,600					44,378				
Diagnostic	120,716	4,554	1,148	26.51	2.54	108,514	4,239	1,146	25.60	2.45
Preventive	119,705	3,754	946	31.89	2.51	107,712	3,377	913	31.90	2.43
Restorative	226,125	2,265	571	99.83	4.75	196,210	1,837	497	106.81	4.42
Endodontics	51,548	120	30	429.57	1.08	51,091	126	34	405.48	1.15
Oral Surgery	93,935	566	143	165.96	1.97	83,130	471	127	176.50	1.87
Orthodontics	47,789	360	91	132.75	1.00	47,460	342	92	138.77	1.07
Other	62,537	743	187	84.17	1.31	47,961	629	170	76.25	1.08
Subtotal	722,356	12,362	3,116	58.43	15.18	642,077	11,021	2,980	58.26	14.47
Total Less than 21										
Member Months	175,584					168,841				
Diagnostic	509,691	20,532	1,403	24.82	2.90	461,765	19,044	1,354	24.25	2.73
Preventive	581,417	19,835	1,356	29.31	3.31	533,935	18,131	1,289	29.45	3.16
Restorative	731,512	7,888	539	92.74	4.17	664,977	7,117	506	93.43	3.94
Endodontics	139,769	688	47	203.15	0.80	130,144	650	46	200.22	0.77
Oral Surgery	242,283	2,131	146	113.69	1.38	237,347	2,006	143	118.32	1.41
Orthodontics	135,805	889	61	152.76	0.77	136,858	882	63	155.17	0.81
Other	159,176	2,406	164	66.16	0.91	141,930	2,181	155	65.08	0.84
Total	2,499,654	54,369	3,716	45.98	14.24	2,306,955	50,011	3,554	46.13	13.66

TennCare
SFY2019 Dental Per Capita Cost Development
West Region - Base Period Experience

Exhibit 8a

Duals/Waiver Duals										
Service Category	April 2016 through March 2017 Incurred					April 2017 through March 2018 Incurred				
	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM	Paid Expenditures	Units	Units / 1000	Paid Expenditures / Unit	Paid Expenditures PMPM
Age Under 14										
Member Months	49					48				
Diagnostic	58	2	492	28.96	1.19	241	9	2,253	26.76	5.02
Preventive	54	2	492	27.05	1.11	289	10	2,503	28.85	6.02
Restorative	-	-	-	-	-	-	-	-	-	-
Endodontics	-	-	-	-	-	-	-	-	-	-
Oral Surgery	-	-	-	-	-	66	1	250	65.64	1.37
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	29	1	250	28.96	0.60
Subtotal	112	4	985	28.00	2.30	624	21	5,257	29.71	13.02
Ages 14 - 20 : Female										
Member Months	408					347				
Diagnostic	1,281	47	1,382	27.26	3.14	990	45	1,556	22.00	2.85
Preventive	1,106	34	1,000	32.53	2.71	619	20	692	30.96	1.78
Restorative	707	9	265	78.58	1.73	5,495	33	1,141	166.52	15.84
Endodontics	-	-	-	-	-	2,050	5	173	410.05	5.91
Oral Surgery	2,883	15	441	192.21	7.07	1,758	8	277	219.72	5.07
Orthodontics	-	-	-	-	-	-	-	-	-	-
Other	973	12	353	81.06	2.38	1,452	19	657	76.43	4.19
Subtotal	6,950	117	3,441	59.40	17.03	12,364	130	4,496	95.11	35.64
Ages 14 - 20 : Male										
Member Months	700					519				
Diagnostic	1,666	68	1,165	24.50	2.38	1,622	53	1,225	30.61	3.13
Preventive	1,834	55	943	33.34	2.62	1,351	41	948	32.94	2.60
Restorative	2,220	24	411	92.49	3.17	4,395	46	1,063	95.54	8.47
Endodontics	1,002	2	34	500.97	1.43	-	-	-	-	-
Oral Surgery	2,281	13	223	175.43	3.26	485	2	46	242.28	0.93
Orthodontics	48	1	17	48.26	0.07	-	-	-	-	-
Other	833	13	223	64.10	1.19	636	11	254	57.84	1.23
Subtotal	9,883	176	3,016	56.16	14.12	8,488	153	3,537	55.48	16.35
Total Less than 21										
Member Months	1,157					914				
Diagnostic	3,005	117	1,214	25.68	2.60	2,853	107	1,405	26.67	3.12
Preventive	2,994	91	944	32.90	2.59	2,258	71	932	31.81	2.47
Restorative	2,927	33	342	88.70	2.53	9,890	79	1,037	125.19	10.82
Endodontics	1,002	2	21	500.97	0.87	2,050	5	66	410.05	2.24
Oral Surgery	5,164	28	290	184.42	4.46	2,308	11	144	209.81	2.52
Orthodontics	48	1	10	48.26	0.04	-	-	-	-	-
Other	1,806	25	259	72.24	1.56	2,117	31	407	68.30	2.32
Total	16,946	297	3,081	57.06	14.65	21,477	304	3,991	70.65	23.50

SFY2019 Dental Per Capita Cost Development
All Regions - Development of FY18 and FY19 Cost Projections

All Aid Categories Dental Experience												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				7,488,083				7,472,030				6,910,239
Diagnostic	1,571	22.34	1.000	2.92	1.005	1.000	1.000	2.94	1.018	1.000	1.000	2.99
Preventive	1,566	28.71	1.000	3.75	1.005	1.000	1.000	3.77	1.018	1.000	1.000	3.83
Restorative	565	88.55	1.000	4.17	1.005	1.000	1.001	4.20	1.018	1.000	1.001	4.27
Endodontics	83	98.66	1.000	0.69	1.005	1.000	1.001	0.69	1.018	1.000	1.001	0.70
Oral Surgery	129	69.51	1.000	0.75	1.005	1.000	1.001	0.75	1.018	1.000	1.001	0.76
Orthodontics	46	199.95	1.000	0.76	1.005	1.000	1.001	0.76	1.018	1.000	1.001	0.78
Other	194	43.53	1.000	0.71	1.005	1.000	1.000	0.71	1.018	1.000	1.000	0.72
Subtotal	4,154	39.69		\$ 13.74				\$ 13.81				\$ 14.07
Admin (1.9%)				\$ 0.26				\$ 0.26				\$ 0.27
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 14.00				\$ 14.07				\$ 14.33
Ages 14 - 20 : Female												
Member Months				1,326,667				1,316,807				1,266,003
Diagnostic	1,653	24.49	1.000	3.37	1.005	1.000	1.000	3.39	1.018	1.000	1.000	3.45
Preventive	1,194	32.13	1.000	3.20	1.005	1.000	1.000	3.21	1.018	1.000	1.000	3.27
Restorative	841	106.62	1.000	7.48	1.005	1.000	1.001	7.52	1.018	1.000	1.001	7.66
Endodontics	49	418.72	1.000	1.71	1.005	1.000	1.001	1.72	1.018	1.000	1.001	1.75
Oral Surgery	246	186.03	1.000	3.82	1.005	1.000	1.001	3.84	1.018	1.000	1.001	3.91
Orthodontics	190	130.38	1.000	2.06	1.005	1.000	1.001	2.08	1.018	1.000	1.001	2.12
Other	335	70.70	1.000	1.97	1.005	1.000	1.000	1.98	1.018	1.000	1.000	2.02
Subtotal	4,509	62.85		\$ 23.61				\$ 23.75				\$ 24.18
Admin (1.9%)				\$ 0.45				\$ 0.45				\$ 0.46
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 24.06				\$ 24.19				\$ 24.64
Ages 14 - 20 : Male												
Member Months				1,293,728				1,276,500				1,213,954
Diagnostic	1,380	24.65	1.000	2.84	1.005	1.000	1.000	2.85	1.018	1.000	1.000	2.90
Preventive	1,048	32.03	1.000	2.80	1.005	1.000	1.000	2.81	1.018	1.000	1.000	2.86
Restorative	707	108.76	1.000	6.41	1.005	1.000	1.001	6.45	1.018	1.000	1.001	6.57
Endodontics	42	415.68	1.000	1.44	1.005	1.000	1.001	1.45	1.018	1.000	1.001	1.47
Oral Surgery	180	184.48	1.000	2.77	1.005	1.000	1.001	2.78	1.018	1.000	1.000	2.83
Orthodontics	153	132.23	1.000	1.69	1.005	1.000	1.001	1.70	1.018	1.000	0.999	1.73
Other	245	66.20	1.000	1.35	1.005	1.000	1.001	1.36	1.018	1.000	1.001	1.38
Subtotal	3,755	61.64		\$ 19.29				\$ 19.39				\$ 19.75
Admin (1.9%)				\$ 0.36				\$ 0.37				\$ 0.37
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 19.65				\$ 19.76				\$ 20.12
Total Less than 21												
Member Months				10,108,478				10,065,336				9,390,196
Diagnostic	1,557	22.90	1.000	2.97	1.005	1.000	1.000	2.99	1.018	1.000	1.001	3.04
Preventive	1,451	29.39	1.000	3.55	1.005	1.000	1.001	3.57	1.018	1.000	0.999	3.63
Restorative	620	94.72	1.000	4.89	1.005	1.000	1.000	4.92	1.018	1.000	1.004	5.03
Endodontics	74	149.57	1.000	0.92	1.005	1.000	0.999	0.92	1.018	1.000	1.007	0.94
Oral Surgery	151	112.06	1.000	1.41	1.005	1.000	0.998	1.41	1.018	1.000	1.013	1.46
Orthodontics	78	160.85	1.000	1.05	1.005	1.000	1.000	1.05	1.018	1.000	1.008	1.08
Other	219	52.21	1.000	0.95	1.005	1.000	0.999	0.96	1.018	1.000	1.007	0.98
Total	4,150	45.53		\$ 15.75				\$ 15.82				\$ 16.16
Admin (1.9%)				\$ 0.30				\$ 0.30				\$ 0.30
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 16.04				\$ 16.12				\$ 16.47

SFY2019 Dental Per Capita Cost Development
All Regions - Development of FY18 and FY19 Cost Projections

Medicaid (TANF & Related) and Uninsured												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				7,219,129				7,204,144				6,646,494
Diagnostic	1,574	22.33	1.000	2.93	1.005	1.000	1.000	2.94	1.018	1.000	1.000	3.00
Preventive	1,570	28.72	1.000	3.76	1.005	1.000	1.000	3.78	1.018	1.000	1.000	3.84
Restorative	567	88.55	1.000	4.18	1.005	1.000	1.001	4.20	1.018	1.000	1.001	4.28
Endodontics	84	98.31	1.000	0.69	1.005	1.000	1.001	0.69	1.018	1.000	1.001	0.70
Oral Surgery	128	69.46	1.000	0.74	1.005	1.000	1.001	0.74	1.018	1.000	1.001	0.76
Orthodontics	46	199.33	1.000	0.76	1.005	1.000	1.001	0.76	1.018	1.000	1.002	0.78
Other	196	43.36	1.000	0.71	1.005	1.000	1.000	0.71	1.018	1.000	1.000	0.73
Subtotal	4,164	39.66		\$ 13.76				\$ 13.84				\$ 14.09
Admin (1.9%)				\$ 0.26				\$ 0.26				\$ 0.27
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 14.02				\$ 14.10				\$ 14.36
Ages 14 - 20 : Female												
Member Months				1,261,884				1,252,266				1,202,406
Diagnostic	1,660	24.51	1.000	3.39	1.005	1.000	1.000	3.41	1.018	1.000	1.000	3.47
Preventive	1,200	32.14	1.000	3.21	1.005	1.000	1.000	3.23	1.018	1.000	1.000	3.29
Restorative	843	106.40	1.000	7.48	1.005	1.000	1.001	7.52	1.018	1.000	1.001	7.66
Endodontics	49	418.69	1.000	1.71	1.005	1.000	1.001	1.72	1.018	1.000	1.001	1.75
Oral Surgery	247	186.96	1.000	3.84	1.005	1.000	1.001	3.86	1.018	1.000	1.001	3.93
Orthodontics	191	130.05	1.000	2.07	1.005	1.000	1.001	2.08	1.018	1.000	1.001	2.12
Other	337	70.52	1.000	1.98	1.005	1.000	1.001	1.99	1.018	1.000	1.000	2.03
Subtotal	4,526	62.77		\$ 23.67				\$ 23.81				\$ 24.25
Admin (1.9%)				\$ 0.45				\$ 0.45				\$ 0.46
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 24.12				\$ 24.26				\$ 24.71
Ages 14 - 20 : Male												
Member Months				1,171,537				1,154,775				1,094,042
Diagnostic	1,389	24.67	1.000	2.86	1.005	1.000	1.000	2.87	1.018	1.000	1.000	2.92
Preventive	1,058	32.03	1.000	2.82	1.005	1.000	1.000	2.84	1.018	1.000	1.000	2.89
Restorative	714	108.26	1.000	6.44	1.005	1.000	1.001	6.48	1.018	1.000	1.001	6.60
Endodontics	41	417.88	1.000	1.44	1.005	1.000	1.001	1.45	1.018	1.000	1.001	1.48
Oral Surgery	181	186.06	1.000	2.80	1.005	1.000	1.001	2.82	1.018	1.000	1.001	2.88
Orthodontics	159	131.93	1.000	1.75	1.005	1.000	1.001	1.76	1.018	1.000	1.001	1.80
Other	246	65.63	1.000	1.35	1.005	1.000	1.001	1.35	1.018	1.000	1.001	1.38
Subtotal	3,789	61.64		\$ 19.46				\$ 19.57				\$ 19.94
Admin (1.9%)				\$ 0.37				\$ 0.37				\$ 0.38
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 19.83				\$ 19.94				\$ 20.31
Total Less than 21												
Member Months				9,652,550				9,611,185				8,942,942
Diagnostic	1,563	22.88	1.000	2.98	1.005	1.000	1.000	3.00	1.018	1.000	1.001	3.05
Preventive	1,459	29.38	1.000	3.57	1.005	1.000	1.001	3.59	1.018	1.000	0.999	3.65
Restorative	621	94.48	1.000	4.89	1.005	1.000	1.000	4.91	1.018	1.000	1.005	5.02
Endodontics	74	147.55	1.000	0.91	1.005	1.000	0.999	0.92	1.018	1.000	1.007	0.94
Oral Surgery	150	111.89	1.000	1.39	1.005	1.000	0.998	1.40	1.018	1.000	1.013	1.44
Orthodontics	79	160.71	1.000	1.05	1.005	1.000	1.000	1.06	1.018	1.000	1.009	1.08
Other	221	51.80	1.000	0.95	1.005	1.000	0.999	0.96	1.018	1.000	1.007	0.98
Total	4,166	45.37		\$ 15.75				\$ 15.82				\$ 16.17
Admin (1.9%)				\$ 0.30				\$ 0.30				\$ 0.30
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 16.05				\$ 16.12				\$ 16.48

SFY2019 Dental Per Capita Cost Development
 All Regions - Development of FY18 and FY19 Cost Projections

Disabled												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				268,881				267,813				263,672
Diagnostic	1,470	22.77	1.000	2.79	1.005	1.000	1.000	2.80	1.018	1.000	1.000	2.85
Preventive	1,457	28.49	1.000	3.46	1.005	1.000	1.000	3.48	1.018	1.000	0.999	3.54
Restorative	536	88.51	1.000	3.96	1.005	1.000	0.999	3.97	1.018	1.000	0.999	4.04
Endodontics	71	109.87	1.000	0.65	1.005	1.000	0.999	0.66	1.018	1.000	0.999	0.67
Oral Surgery	160	70.51	1.000	0.94	1.005	1.000	0.999	0.94	1.018	1.000	0.999	0.96
Orthodontics	41	218.33	1.000	0.75	1.005	1.000	0.998	0.75	1.018	1.000	0.996	0.76
Other	153	49.41	1.000	0.63	1.005	1.000	0.999	0.63	1.018	1.000	0.999	0.64
Subtotal	3,889	40.65		\$ 13.17				\$ 13.23				\$ 13.46
Admin (1.9%)				\$ 0.25				\$ 0.25				\$ 0.25
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 13.42				\$ 13.48				\$ 13.71
Ages 14 - 20 : Female												
Member Months				63,381				63,143				62,195
Diagnostic	1,531	24.19	1.000	3.09	1.005	1.000	1.000	3.10	1.018	1.000	1.000	3.16
Preventive	1,088	32.05	1.000	2.91	1.005	1.000	1.000	2.92	1.018	1.000	1.000	2.97
Restorative	796	109.04	1.000	7.23	1.005	1.000	1.000	7.27	1.018	1.000	1.000	7.39
Endodontics	50	418.50	1.000	1.75	1.005	1.000	0.999	1.76	1.018	1.000	0.998	1.79
Oral Surgery	240	167.15	1.000	3.35	1.005	1.000	1.000	3.37	1.018	1.000	1.001	3.43
Orthodontics	176	137.68	1.000	2.02	1.005	1.000	1.000	2.03	1.018	1.000	0.999	2.07
Other	291	74.21	1.000	1.80	1.005	1.000	1.000	1.81	1.018	1.000	1.000	1.84
Subtotal	4,172	63.69		\$ 22.15				\$ 22.25				\$ 22.65
Admin (1.9%)				\$ 0.42				\$ 0.42				\$ 0.43
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 22.56				\$ 22.67				\$ 23.07
Ages 14 - 20 : Male												
Member Months				120,117				119,656				117,838
Diagnostic	1,290	24.49	1.000	2.63	1.005	1.000	1.000	2.65	1.018	1.000	1.000	2.69
Preventive	957	32.04	1.000	2.56	1.005	1.000	1.000	2.57	1.018	1.000	1.000	2.61
Restorative	639	113.70	1.000	6.05	1.005	1.000	1.000	6.08	1.018	1.000	0.999	6.19
Endodontics	44	396.11	1.000	1.44	1.005	1.000	1.000	1.45	1.018	1.000	0.999	1.48
Oral Surgery	172	168.38	1.000	2.41	1.005	1.000	1.000	2.42	1.018	1.000	1.000	2.47
Orthodontics	95	137.11	1.000	1.08	1.005	1.000	1.000	1.09	1.018	1.000	1.000	1.10
Other	231	71.82	1.000	1.38	1.005	1.000	1.000	1.39	1.018	1.000	1.000	1.41
Subtotal	3,427	61.48		\$ 17.56				\$ 17.64				\$ 17.95
Admin (1.9%)				\$ 0.33				\$ 0.33				\$ 0.34
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 17.89				\$ 17.97				\$ 18.29
Total Less than 21												
Member Months				452,379				450,612				443,705
Diagnostic	1,431	23.39	1.000	2.79	1.005	1.000	1.000	2.80	1.018	1.000	1.000	2.85
Preventive	1,273	29.63	1.000	3.14	1.005	1.000	1.000	3.16	1.018	1.000	1.000	3.21
Restorative	600	99.45	1.000	4.97	1.005	1.000	1.000	4.99	1.018	1.000	0.999	5.08
Endodontics	61	199.90	1.000	1.02	1.005	1.000	0.999	1.02	1.018	1.000	0.999	1.04
Oral Surgery	174	114.75	1.000	1.67	1.005	1.000	1.000	1.68	1.018	1.000	1.000	1.71
Orthodontics	74	163.97	1.000	1.01	1.005	1.000	0.999	1.02	1.018	1.000	0.998	1.03
Other	193	61.77	1.000	0.99	1.005	1.000	1.000	1.00	1.018	1.000	1.000	1.01
Total	3,806	49.17		\$ 15.59				\$ 15.67				\$ 15.94
Admin (1.9%)				\$ 0.29				\$ 0.30				\$ 0.30
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 15.89				\$ 15.96				\$ 16.24

SFY2019 Dental Per Capita Cost Development
All Regions - Development of FY18 and FY19 Cost Projections

Duals / Waiver Duals												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				73				73				73
Diagnostic	1,480	26.76	1.000	3.30	1.005	1.000	1.000	3.32	1.018	1.000	1.000	3.38
Preventive	1,644	28.85	1.000	3.95	1.005	1.000	1.000	3.97	1.018	1.000	1.000	4.04
Restorative	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Endodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Oral Surgery	164	65.64	1.000	0.90	1.005	1.000	1.000	0.90	1.018	1.000	1.000	0.92
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	164	28.96	1.000	0.40	1.005	1.000	1.000	0.40	1.018	1.000	1.000	0.41
Subtotal	-	-		\$ 8.55				\$ 8.59				\$ 8.75
Admin (0.0%)				\$ 0.16				\$ 0.16				\$ 0.16
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 8.71				\$ 8.75				\$ 8.91
Ages 14 - 20 : Female												
Member Months				1,402				1,398				1,402
Diagnostic	1,293	22.40	1.000	2.41	1.005	1.000	1.000	2.43	1.018	1.000	1.000	2.47
Preventive	719	30.10	1.000	1.80	1.005	1.000	1.000	1.81	1.018	1.000	1.000	1.85
Restorative	1,122	175.33	1.000	16.39	1.005	1.000	1.000	16.47	1.018	1.000	1.000	16.77
Endodontics	103	436.03	1.000	3.73	1.005	1.000	1.000	3.75	1.018	1.000	1.000	3.82
Oral Surgery	325	184.39	1.000	5.00	1.005	1.000	1.000	5.03	1.018	1.000	1.001	5.12
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	539	89.19	1.000	4.01	1.005	1.000	1.000	4.03	1.018	1.000	1.000	4.10
Subtotal	4,101	97.57		\$ 33.35				\$ 33.52				\$ 34.12
Admin (0.0%)				\$ 0.63				\$ 0.63				\$ 0.64
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 33.97				\$ 34.15				\$ 34.77
Ages 14 - 20 : Male												
Member Months				2,074				2,069				2,074
Diagnostic	1,215	24.28	1.000	2.46	1.005	1.000	1.000	2.47	1.018	1.000	1.000	2.52
Preventive	793	32.69	1.000	2.16	1.005	1.000	1.000	2.17	1.018	1.000	1.000	2.21
Restorative	1,204	125.48	1.000	12.59	1.005	1.000	1.000	12.65	1.018	1.000	1.000	12.88
Endodontics	29	351.22	1.000	0.85	1.005	1.000	1.000	0.85	1.018	1.000	1.000	0.87
Oral Surgery	98	174.11	1.000	1.43	1.005	1.000	1.000	1.43	1.018	1.000	1.000	1.46
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	197	85.40	1.000	1.40	1.005	1.000	1.000	1.41	1.018	1.000	1.001	1.43
Subtotal	3,536	70.86		\$ 20.88				\$ 20.99				\$ 21.37
Admin (0.0%)				\$ 0.39				\$ 0.40				\$ 0.40
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 21.27				\$ 21.38				\$ 21.77
Total Less than 21												
Member Months				3,548				3,539				3,549
Diagnostic	1,251	23.57	1.000	2.46	1.005	1.000	1.000	2.47	1.018	1.000	1.000	2.51
Preventive	781	31.58	1.000	2.06	1.005	1.000	1.000	2.07	1.018	1.000	1.000	2.10
Restorative	1,146	144.74	1.000	13.83	1.005	1.000	1.000	13.90	1.018	1.000	1.000	14.15
Endodontics	57	411.08	1.000	1.97	1.005	1.000	1.000	1.98	1.018	1.000	1.000	2.01
Oral Surgery	189	179.15	1.000	2.83	1.005	1.000	1.000	2.84	1.018	1.000	1.000	2.89
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	331	87.26	1.000	2.41	1.005	1.000	1.000	2.42	1.018	1.000	1.000	2.47
Total	3,757	81.60		\$ 25.55				\$ 25.68				\$ 26.15
Admin (0.0%)				\$ 0.48				\$ 0.48				\$ 0.49
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 26.03				\$ 26.16				\$ 26.64

SFY2019 Dental Per Capita Cost Development
 East Region - Development of FY18 and FY19 Cost Projections

All Aid Categories Dental Experience												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				2,500,502				2,498,996				2,315,885
Diagnostic	1,564	21.86	1.000	2.85	1.005	1.000	1.000	2.86	1.018	1.000	1.000	2.91
Preventive	1,444	28.35	1.000	3.41	1.005	1.000	1.000	3.43	1.018	1.000	1.000	3.49
Restorative	533	89.16	1.000	3.96	1.005	1.000	1.000	3.98	1.018	1.000	1.000	4.05
Endodontics	75	101.09	1.000	0.63	1.005	1.000	1.000	0.63	1.018	1.000	1.000	0.64
Oral Surgery	119	69.79	1.000	0.69	1.005	1.000	1.000	0.69	1.018	1.000	1.001	0.71
Orthodontics	41	202.25	1.000	0.68	1.005	1.000	1.000	0.69	1.018	1.000	1.000	0.70
Other	197	39.10	1.000	0.64	1.005	1.000	1.000	0.65	1.018	1.000	1.000	0.66
Subtotal	3,973	38.88		\$ 12.87				\$ 12.93				\$ 13.16
Admin (1.9%)				\$ 0.24				\$ 0.24				\$ 0.25
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 13.11				\$ 13.18				\$ 13.41
Ages 14 - 20 : Female												
Member Months				465,657				464,970				449,700
Diagnostic	1,769	23.82	1.000	3.51	1.005	1.000	1.000	3.53	1.018	1.000	1.000	3.59
Preventive	1,202	32.13	1.000	3.22	1.005	1.000	1.000	3.23	1.018	1.000	1.000	3.29
Restorative	859	106.62	1.000	7.63	1.005	1.000	1.000	7.67	1.018	1.000	1.000	7.81
Endodontics	46	418.91	1.000	1.60	1.005	1.000	1.000	1.61	1.018	1.000	1.000	1.64
Oral Surgery	282	188.73	1.000	4.44	1.005	1.000	1.000	4.46	1.018	1.000	1.000	4.54
Orthodontics	197	131.91	1.000	2.16	1.005	1.000	1.000	2.17	1.018	1.000	1.000	2.21
Other	369	69.18	1.000	2.12	1.005	1.000	1.000	2.14	1.018	1.000	1.000	2.17
Subtotal	4,724	62.71		\$ 24.68				\$ 24.81				\$ 25.25
Admin (1.9%)				\$ 0.47				\$ 0.47				\$ 0.48
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 25.15				\$ 25.27				\$ 25.73
Ages 14 - 20 : Male												
Member Months				452,899				448,588				427,979
Diagnostic	1,496	23.90	1.000	2.98	1.005	1.000	1.000	2.99	1.018	1.000	1.000	3.05
Preventive	1,050	32.02	1.000	2.80	1.005	1.000	1.000	2.81	1.018	1.000	1.000	2.86
Restorative	770	110.37	1.000	7.09	1.005	1.000	1.000	7.12	1.018	1.000	1.000	7.25
Endodontics	46	408.24	1.000	1.58	1.005	1.000	1.000	1.59	1.018	1.000	1.000	1.62
Oral Surgery	216	189.53	1.000	3.41	1.005	1.000	1.000	3.43	1.018	1.000	1.000	3.49
Orthodontics	150	140.02	1.000	1.76	1.005	1.000	1.000	1.76	1.018	1.000	0.998	1.79
Other	281	65.22	1.000	1.53	1.005	1.000	1.000	1.54	1.018	1.000	1.000	1.56
Subtotal	4,009	63.27		\$ 21.14				\$ 21.24				\$ 21.62
Admin (1.9%)				\$ 0.40				\$ 0.40				\$ 0.41
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 21.54				\$ 21.64				\$ 22.02
Total Less than 21												
Member Months				3,419,058				3,412,553				3,193,563
Diagnostic	1,583	22.41	1.000	2.96	1.005	1.000	1.000	2.97	1.018	1.000	1.001	3.03
Preventive	1,359	29.18	1.000	3.30	1.005	1.000	1.000	3.32	1.018	1.000	0.999	3.38
Restorative	609	96.07	1.000	4.88	1.005	1.000	0.999	4.90	1.018	1.000	1.005	5.01
Endodontics	67	158.81	1.000	0.89	1.005	1.000	0.999	0.89	1.018	1.000	1.008	0.91
Oral Surgery	154	121.76	1.000	1.56	1.005	1.000	0.998	1.57	1.018	1.000	1.016	1.62
Orthodontics	76	161.37	1.000	1.03	1.005	1.000	0.999	1.03	1.018	1.000	1.009	1.06
Other	232	49.82	1.000	0.96	1.005	1.000	0.999	0.97	1.018	1.000	1.009	0.99
Total	4,080	45.81		\$ 15.57				\$ 15.64				\$ 16.00
Admin (1.9%)				\$ 0.29				\$ 0.29				\$ 0.30
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 15.87				\$ 15.94				\$ 16.30

SFY2019 Dental Per Capita Cost Development
 East Region - Development of FY18 and FY19 Cost Projections

Medicaid (TANF & Related) and Uninsured												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				2,422,762				2,421,277				2,238,699
Diagnostic	1,568	21.84	1.000	2.85	1.005	1.000	1.000	2.87	1.018	1.000	1.000	2.92
Preventive	1,449	28.35	1.000	3.42	1.005	1.000	1.000	3.44	1.018	1.000	1.000	3.50
Restorative	533	89.15	1.000	3.96	1.005	1.000	1.000	3.98	1.018	1.000	1.000	4.05
Endodontics	75	100.66	1.000	0.63	1.005	1.000	1.000	0.63	1.018	1.000	1.000	0.64
Oral Surgery	117	69.74	1.000	0.68	1.005	1.000	1.000	0.69	1.018	1.000	1.000	0.70
Orthodontics	41	201.56	1.000	0.69	1.005	1.000	1.000	0.69	1.018	1.000	1.000	0.70
Other	198	38.95	1.000	0.64	1.005	1.000	1.000	0.65	1.018	1.000	1.000	0.66
Subtotal	3,982	38.82		\$ 12.88				\$ 12.95				\$ 13.18
Admin (1.9%)				\$ 0.24				\$ 0.24				\$ 0.25
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 13.13				\$ 13.19				\$ 13.43
Ages 14 - 20 : Female												
Member Months				445,887				445,207				430,067
Diagnostic	1,777	23.84	1.000	3.53	1.005	1.000	1.000	3.55	1.018	1.000	1.000	3.61
Preventive	1,208	32.12	1.000	3.23	1.005	1.000	1.000	3.25	1.018	1.000	1.000	3.31
Restorative	859	105.96	1.000	7.59	1.005	1.000	1.000	7.62	1.018	1.000	1.000	7.76
Endodontics	45	419.08	1.000	1.58	1.005	1.000	1.000	1.59	1.018	1.000	1.000	1.62
Oral Surgery	282	189.77	1.000	4.47	1.005	1.000	1.000	4.49	1.018	1.000	1.000	4.57
Orthodontics	198	131.25	1.000	2.16	1.005	1.000	1.000	2.17	1.018	1.000	1.000	2.21
Other	370	69.10	1.000	2.13	1.005	1.000	1.000	2.14	1.018	1.000	1.000	2.18
Subtotal	4,739	62.51		\$ 24.69				\$ 24.81				\$ 25.25
Admin (1.9%)				\$ 0.47				\$ 0.47				\$ 0.48
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 25.15				\$ 25.28				\$ 25.73
Ages 14 - 20 : Male												
Member Months				415,425				411,126				390,768
Diagnostic	1,505	23.90	1.000	3.00	1.005	1.000	1.000	3.01	1.018	1.000	1.000	3.07
Preventive	1,058	32.00	1.000	2.82	1.005	1.000	1.000	2.83	1.018	1.000	1.000	2.89
Restorative	774	109.92	1.000	7.09	1.005	1.000	1.000	7.13	1.018	1.000	1.000	7.25
Endodontics	46	410.11	1.000	1.58	1.005	1.000	1.000	1.59	1.018	1.000	1.000	1.62
Oral Surgery	216	191.51	1.000	3.45	1.005	1.000	1.000	3.47	1.018	1.000	1.000	3.53
Orthodontics	156	139.84	1.000	1.82	1.005	1.000	1.000	1.83	1.018	1.000	1.000	1.86
Other	280	64.98	1.000	1.52	1.005	1.000	1.000	1.52	1.018	1.000	1.000	1.55
Subtotal	4,035	63.28		\$ 21.28				\$ 21.38				\$ 21.77
Admin (1.9%)				\$ 0.40				\$ 0.40				\$ 0.41
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 21.68				\$ 21.79				\$ 22.18
Total Less than 21												
Member Months				3,284,074				3,277,610				3,059,534
Diagnostic	1,588	22.39	1.000	2.96	1.005	1.000	1.000	2.98	1.018	1.000	1.001	3.04
Preventive	1,367	29.16	1.000	3.32	1.005	1.000	1.000	3.34	1.018	1.000	0.999	3.40
Restorative	608	95.72	1.000	4.85	1.005	1.000	0.999	4.87	1.018	1.000	1.005	4.98
Endodontics	67	156.60	1.000	0.88	1.005	1.000	0.999	0.88	1.018	1.000	1.008	0.91
Oral Surgery	152	121.85	1.000	1.55	1.005	1.000	0.998	1.55	1.018	1.000	1.016	1.60
Orthodontics	77	161.13	1.000	1.03	1.005	1.000	0.999	1.04	1.018	1.000	1.009	1.06
Other	232	49.46	1.000	0.96	1.005	1.000	0.999	0.96	1.018	1.000	1.009	0.99
Total	4,091	45.60		\$ 15.55				\$ 15.62				\$ 15.97
Admin (1.9%)				\$ 0.29				\$ 0.29				\$ 0.30
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 15.84				\$ 15.91				\$ 16.27

SFY2019 Dental Per Capita Cost Development
 East Region - Development of FY18 and FY19 Cost Projections

Disabled													
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM	
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact		
Age Under 14													
Member Months					77,733				77,712				77,179
Diagnostic	1,438	22.39	1.000	2.68	1.005	1.000	1.000	2.70	1.018	1.000	1.000	2.75	
Preventive	1,298	28.29	1.000	3.06	1.005	1.000	1.000	3.07	1.018	1.000	1.000	3.13	
Restorative	531	89.34	1.000	3.95	1.005	1.000	1.000	3.97	1.018	1.000	1.000	4.04	
Endodontics	67	116.08	1.000	0.65	1.005	1.000	1.000	0.65	1.018	1.000	1.000	0.66	
Oral Surgery	161	70.81	1.000	0.95	1.005	1.000	1.000	0.96	1.018	1.000	1.000	0.97	
Orthodontics	29	232.71	1.000	0.56	1.005	1.000	1.000	0.57	1.018	1.000	1.000	0.58	
Other	166	44.66	1.000	0.62	1.005	1.000	1.000	0.62	1.018	1.000	1.000	0.63	
Subtotal	3,690	40.57		\$ 12.47				\$ 12.54				\$ 12.76	
Admin (1.9%)				\$ 0.24				\$ 0.24				\$ 0.24	
Premium Tax (0.0%)				\$ -				\$ -				\$ -	
Total Premium Rate				\$ 12.71				\$ 12.77				\$ 13.00	
Ages 14 - 20 : Female													
Member Months					19,136				19,131				19,000
Diagnostic	1,625	23.39	1.000	3.17	1.005	1.000	1.000	3.18	1.018	1.000	1.000	3.24	
Preventive	1,087	32.15	1.000	2.91	1.005	1.000	1.000	2.93	1.018	1.000	1.000	2.98	
Restorative	842	120.55	1.000	8.45	1.005	1.000	1.000	8.50	1.018	1.000	1.000	8.65	
Endodontics	59	413.92	1.000	2.03	1.005	1.000	1.000	2.04	1.018	1.000	1.000	2.08	
Oral Surgery	275	165.73	1.000	3.80	1.005	1.000	1.000	3.82	1.018	1.000	1.000	3.89	
Orthodontics	181	148.80	1.000	2.24	1.005	1.000	1.000	2.25	1.018	1.000	1.000	2.29	
Other	332	68.97	1.000	1.91	1.005	1.000	1.000	1.92	1.018	1.000	1.000	1.95	
Subtotal	4,400	66.86		\$ 24.52				\$ 24.64				\$ 25.08	
Admin (1.9%)				\$ 0.46				\$ 0.46				\$ 0.47	
Premium Tax (0.0%)				\$ -				\$ -				\$ -	
Total Premium Rate				\$ 24.98				\$ 25.10				\$ 25.55	
Ages 14 - 20 : Male													
Member Months					36,631				36,621				36,369
Diagnostic	1,402	23.95	1.000	2.80	1.005	1.000	1.000	2.81	1.018	1.000	1.000	2.86	
Preventive	964	32.28	1.000	2.59	1.005	1.000	1.000	2.61	1.018	1.000	1.000	2.65	
Restorative	731	115.04	1.000	7.01	1.005	1.000	1.000	7.04	1.018	1.000	1.000	7.17	
Endodontics	48	387.11	1.000	1.55	1.005	1.000	1.000	1.56	1.018	1.000	1.000	1.59	
Oral Surgery	215	167.54	1.000	3.00	1.005	1.000	1.000	3.02	1.018	1.000	1.000	3.07	
Orthodontics	88	143.68	1.000	1.06	1.005	1.000	1.000	1.06	1.018	1.000	1.000	1.08	
Other	297	67.80	1.000	1.68	1.005	1.000	1.000	1.69	1.018	1.000	1.000	1.72	
Subtotal	3,746	63.07		\$ 19.69				\$ 19.79				\$ 20.14	
Admin (1.9%)				\$ 0.37				\$ 0.37				\$ 0.38	
Premium Tax (0.0%)				\$ -				\$ -				\$ -	
Total Premium Rate				\$ 20.06				\$ 20.16				\$ 20.52	
Total Less than 21													
Member Months					133,500				133,464				132,548
Diagnostic	1,455	22.96	1.000	2.78	1.005	1.000	1.000	2.80	1.018	1.000	1.000	2.85	
Preventive	1,176	29.70	1.000	2.91	1.005	1.000	1.000	2.93	1.018	1.000	1.000	2.98	
Restorative	630	103.50	1.000	5.44	1.005	1.000	1.000	5.46	1.018	1.000	1.000	5.56	
Endodontics	61	216.58	1.000	1.10	1.005	1.000	1.000	1.10	1.018	1.000	1.000	1.12	
Oral Surgery	192	119.96	1.000	1.92	1.005	1.000	1.000	1.93	1.018	1.000	1.000	1.97	
Orthodontics	67	168.13	1.000	0.94	1.005	1.000	1.000	0.94	1.018	1.000	1.000	0.96	
Other	226	58.15	1.000	1.09	1.005	1.000	1.000	1.10	1.018	1.000	1.000	1.12	
Total	3,807	51.00		\$ 16.18				\$ 16.26				\$ 16.55	
Admin (1.9%)				\$ 0.30				\$ 0.31				\$ 0.31	
Premium Tax (0.0%)				\$ -				\$ -				\$ -	
Total Premium Rate				\$ 16.48				\$ 16.57				\$ 16.86	

SFY2019 Dental Per Capita Cost Development
 East Region - Development of FY18 and FY19 Cost Projections

Duals / Waiver Duals												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				7				7				7
Diagnostic	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Preventive	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Restorative	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Endodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Oral Surgery	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Subtotal	-	-		\$ -				\$ -				\$ -
Admin (0.0%)				\$ -				\$ -				\$ -
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ -				\$ -				\$ -
Ages 14 - 20 : Female												
Member Months				634				632				633
Diagnostic	1,173	23.41	1.000	2.29	1.005	1.000	1.000	2.30	1.018	1.000	1.000	2.34
Preventive	549	32.41	1.000	1.48	1.005	1.000	1.000	1.49	1.018	1.000	1.000	1.52
Restorative	1,098	148.15	1.000	13.55	1.005	1.000	1.000	13.62	1.018	1.000	1.000	13.86
Endodontics	76	465.15	1.000	2.93	1.005	1.000	1.000	2.95	1.018	1.000	1.000	3.00
Oral Surgery	246	130.21	1.000	2.67	1.005	1.000	1.000	2.68	1.018	1.000	1.000	2.73
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	435	119.65	1.000	4.34	1.005	1.000	1.000	4.36	1.018	1.000	1.000	4.44
Subtotal	3,577	91.48		\$ 27.27				\$ 27.40				\$ 27.89
Admin (0.0%)				\$ 0.51				\$ 0.52				\$ 0.53
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 27.78				\$ 27.92				\$ 28.42
Ages 14 - 20 : Male												
Member Months				843				841				842
Diagnostic	1,095	22.71	1.000	2.07	1.005	1.000	1.000	2.08	1.018	1.000	1.000	2.12
Preventive	654	32.94	1.000	1.80	1.005	1.000	1.000	1.81	1.018	1.000	1.000	1.84
Restorative	683	140.66	1.000	8.00	1.005	1.000	1.000	8.04	1.018	1.000	1.000	8.19
Endodontics	28	460.16	1.000	1.09	1.005	1.000	1.000	1.10	1.018	1.000	1.000	1.12
Oral Surgery	128	151.69	1.000	1.62	1.005	1.000	1.000	1.63	1.018	1.000	1.000	1.66
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	128	66.05	1.000	0.70	1.005	1.000	1.000	0.71	1.018	1.000	1.000	0.72
Subtotal	2,717	67.52		\$ 15.29				\$ 15.36				\$ 15.64
Admin (0.0%)				\$ 0.29				\$ 0.29				\$ 0.29
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 15.58				\$ 15.65				\$ 15.93
Total Less than 21												
Member Months				1,484				1,479				1,481
Diagnostic	1,124	23.02	1.000	2.16	1.005	1.000	1.000	2.17	1.018	1.000	1.000	2.21
Preventive	606	32.73	1.000	1.65	1.005	1.000	1.000	1.66	1.018	1.000	1.000	1.69
Restorative	857	144.76	1.000	10.34	1.005	1.000	1.000	10.39	1.018	1.000	1.000	10.57
Endodontics	49	463.49	1.000	1.87	1.005	1.000	1.000	1.88	1.018	1.000	1.000	1.92
Oral Surgery	178	139.00	1.000	2.06	1.005	1.000	1.000	2.07	1.018	1.000	1.000	2.11
Orthodontics	-	-	1.000	-	1.005	1.000	-	-	1.018	1.000	-	-
Other	259	104.57	1.000	2.25	1.005	1.000	1.000	2.27	1.018	1.000	1.000	2.31
Total	3,072	79.43		\$ 20.33				\$ 20.44				\$ 20.80
Admin (0.0%)				\$ 0.38				\$ 0.39				\$ 0.39
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 20.72				\$ 20.82				\$ 21.19

SFY2019 Dental Per Capita Cost Development

Middle Region - Development of FY18 and FY19 Cost Projections

All Aid Categories Dental Experience												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				2,823,766				2,828,118				2,626,165
Diagnostic	1,655	22.23	1.000	3.07	1.005	1.000	1.000	3.08	1.018	1.000	1.000	3.14
Preventive	1,679	29.23	1.000	4.09	1.005	1.000	1.000	4.11	1.018	1.000	1.000	4.18
Restorative	659	88.82	1.000	4.88	1.005	1.000	1.000	4.90	1.018	1.000	1.000	4.99
Endodontics	104	97.65	1.000	0.85	1.005	1.000	1.000	0.85	1.018	1.000	1.000	0.87
Oral Surgery	154	69.50	1.000	0.89	1.005	1.000	1.000	0.90	1.018	1.000	1.000	0.91
Orthodontics	63	201.04	1.000	1.06	1.005	1.000	1.000	1.06	1.018	1.000	1.000	1.08
Other	216	44.92	1.000	0.81	1.005	1.000	1.000	0.81	1.018	1.000	1.000	0.83
Subtotal	4,532	41.43		\$ 15.65				\$ 15.72				\$ 16.00
Admin (1.9%)				\$ 0.29				\$ 0.30				\$ 0.30
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 15.94				\$ 16.02				\$ 16.31
Ages 14 - 20 : Female												
Member Months				474,993				473,422				456,331
Diagnostic	1,681	24.34	1.000	3.41	1.005	1.000	1.000	3.43	1.018	1.000	1.000	3.49
Preventive	1,230	32.10	1.000	3.29	1.005	1.000	1.000	3.31	1.018	1.000	1.000	3.36
Restorative	916	111.59	1.000	8.52	1.005	1.000	1.000	8.56	1.018	1.000	1.000	8.72
Endodontics	61	410.31	1.000	2.10	1.005	1.000	1.000	2.11	1.018	1.000	1.000	2.15
Oral Surgery	234	186.57	1.000	3.64	1.005	1.000	1.000	3.65	1.018	1.000	1.000	3.72
Orthodontics	215	129.91	1.000	2.32	1.005	1.000	1.000	2.33	1.018	1.000	1.000	2.38
Other	332	70.97	1.000	1.96	1.005	1.000	1.000	1.97	1.018	1.000	1.000	2.01
Subtotal	4,669	64.88		\$ 25.24				\$ 25.37				\$ 25.82
Admin (1.9%)				\$ 0.48				\$ 0.48				\$ 0.49
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 25.71				\$ 25.84				\$ 26.31
Ages 14 - 20 : Male												
Member Months				465,375				461,451				440,136
Diagnostic	1,416	24.51	1.000	2.89	1.005	1.000	1.000	2.91	1.018	1.000	1.000	2.96
Preventive	1,096	32.01	1.000	2.92	1.005	1.000	1.000	2.94	1.018	1.000	1.000	2.99
Restorative	746	111.83	1.000	6.96	1.005	1.000	1.000	6.99	1.018	1.000	1.000	7.12
Endodontics	44	417.76	1.000	1.55	1.005	1.000	1.000	1.56	1.018	1.000	1.000	1.58
Oral Surgery	177	181.71	1.000	2.68	1.005	1.000	1.000	2.69	1.018	1.000	1.000	2.74
Orthodontics	181	126.65	1.000	1.91	1.005	1.000	1.000	1.92	1.018	1.000	0.999	1.95
Other	247	64.73	1.000	1.33	1.005	1.000	1.000	1.34	1.018	1.000	1.000	1.37
Subtotal	3,908	62.16		\$ 20.24				\$ 20.34				\$ 20.70
Admin (1.9%)				\$ 0.38				\$ 0.38				\$ 0.39
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 20.62				\$ 20.73				\$ 21.09
Total Less than 21												
Member Months				3,764,134				3,762,991				3,522,632
Diagnostic	1,629	22.75	1.000	3.09	1.005	1.000	1.000	3.10	1.018	1.000	1.000	3.16
Preventive	1,550	29.76	1.000	3.84	1.005	1.000	1.000	3.87	1.018	1.000	0.998	3.93
Restorative	702	95.60	1.000	5.59	1.005	1.000	0.999	5.62	1.018	1.000	1.003	5.74
Endodontics	92	143.27	1.000	1.09	1.005	1.000	0.999	1.10	1.018	1.000	1.006	1.12
Oral Surgery	167	104.87	1.000	1.46	1.005	1.000	0.998	1.46	1.018	1.000	1.010	1.51
Orthodontics	97	164.00	1.000	1.32	1.005	1.000	0.999	1.33	1.018	1.000	1.005	1.36
Other	235	52.15	1.000	1.02	1.005	1.000	0.999	1.02	1.018	1.000	1.005	1.05
Total	4,472	46.76		\$ 17.42				\$ 17.50				\$ 17.86
Admin (1.9%)				\$ 0.33				\$ 0.33				\$ 0.34
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 17.75				\$ 17.83				\$ 18.20

SFY2019 Dental Per Capita Cost Development

Middle Region - Development of FY18 and FY19 Cost Projections

Medicaid (TANF & Related) and Uninsured												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				2,732,850				2,738,132				2,538,749
Diagnostic	1,659	22.22	1.000	3.07	1.005	1.000	1.000	3.09	1.018	1.000	1.000	3.14
Preventive	1,684	29.24	1.000	4.10	1.005	1.000	1.000	4.12	1.018	1.000	1.000	4.20
Restorative	660	88.82	1.000	4.88	1.005	1.000	1.000	4.91	1.018	1.000	1.000	5.00
Endodontics	105	97.49	1.000	0.85	1.005	1.000	1.000	0.86	1.018	1.000	1.000	0.87
Oral Surgery	153	69.45	1.000	0.88	1.005	1.000	1.000	0.89	1.018	1.000	1.000	0.90
Orthodontics	63	200.19	1.000	1.06	1.005	1.000	1.000	1.06	1.018	1.000	1.000	1.08
Other	218	44.71	1.000	0.81	1.005	1.000	1.000	0.81	1.018	1.000	1.000	0.83
Subtotal	4,541	41.39		\$ 15.66				\$ 15.74				\$ 16.02
Admin (1.9%)				\$ 0.30				\$ 0.30				\$ 0.30
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 15.96				\$ 16.04				\$ 16.32
Ages 14 - 20 : Female												
Member Months				454,540				453,175				436,649
Diagnostic	1,687	24.38	1.000	3.43	1.005	1.000	1.000	3.44	1.018	1.000	1.000	3.51
Preventive	1,237	32.10	1.000	3.31	1.005	1.000	1.000	3.32	1.018	1.000	1.000	3.38
Restorative	920	111.32	1.000	8.53	1.005	1.000	1.000	8.58	1.018	1.000	1.000	8.73
Endodontics	61	409.72	1.000	2.09	1.005	1.000	1.000	2.10	1.018	1.000	1.000	2.14
Oral Surgery	235	187.23	1.000	3.66	1.005	1.000	1.000	3.68	1.018	1.000	1.000	3.74
Orthodontics	214	129.98	1.000	2.32	1.005	1.000	1.000	2.33	1.018	1.000	1.000	2.38
Other	334	70.90	1.000	1.97	1.005	1.000	1.000	1.98	1.018	1.000	1.000	2.02
Subtotal	4,688	64.80		\$ 25.31				\$ 25.44				\$ 25.89
Admin (1.9%)				\$ 0.48				\$ 0.48				\$ 0.49
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 25.79				\$ 25.92				\$ 26.38
Ages 14 - 20 : Male												
Member Months				425,555				422,033				401,821
Diagnostic	1,422	24.57	1.000	2.91	1.005	1.000	1.000	2.93	1.018	1.000	1.000	2.98
Preventive	1,105	32.01	1.000	2.95	1.005	1.000	1.000	2.96	1.018	1.000	1.000	3.02
Restorative	747	111.22	1.000	6.93	1.005	1.000	1.000	6.96	1.018	1.000	1.000	7.09
Endodontics	44	420.24	1.000	1.54	1.005	1.000	1.000	1.55	1.018	1.000	1.000	1.57
Oral Surgery	177	183.49	1.000	2.70	1.005	1.000	1.000	2.72	1.018	1.000	1.000	2.76
Orthodontics	188	126.47	1.000	1.98	1.005	1.000	1.000	1.99	1.018	1.000	1.000	2.03
Other	248	63.93	1.000	1.32	1.005	1.000	1.000	1.33	1.018	1.000	1.000	1.35
Subtotal	3,932	62.05		\$ 20.33				\$ 20.43				\$ 20.80
Admin (1.9%)				\$ 0.38				\$ 0.39				\$ 0.39
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 20.71				\$ 20.82				\$ 21.19
Total Less than 21												
Member Months				3,612,945				3,613,340				3,377,219
Diagnostic	1,634	22.74	1.000	3.10	1.005	1.000	1.000	3.11	1.018	1.000	1.000	3.17
Preventive	1,559	29.76	1.000	3.87	1.005	1.000	1.000	3.89	1.018	1.000	0.999	3.95
Restorative	703	95.33	1.000	5.58	1.005	1.000	0.999	5.61	1.018	1.000	1.003	5.73
Endodontics	92	141.65	1.000	1.09	1.005	1.000	0.999	1.09	1.018	1.000	1.006	1.12
Oral Surgery	166	104.71	1.000	1.45	1.005	1.000	0.998	1.45	1.018	1.000	1.010	1.49
Orthodontics	97	163.84	1.000	1.32	1.005	1.000	0.999	1.33	1.018	1.000	1.005	1.36
Other	236	51.76	1.000	1.02	1.005	1.000	0.999	1.02	1.018	1.000	1.006	1.05
Total	4,488	46.60		\$ 17.43				\$ 17.51				\$ 17.87
Admin (1.9%)				\$ 0.33				\$ 0.33				\$ 0.34
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 17.76				\$ 17.84				\$ 18.20

SFY2019 Dental Per Capita Cost Development

Middle Region - Development of FY18 and FY19 Cost Projections

Disabled													
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM	
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact		
Age Under 14													
Member Months					90,898				89,968				87,398
Diagnostic	1,551	22.38	1.000	2.89	1.005	1.000	1.000	2.91	1.018	1.000	1.000	2.96	
Preventive	1,546	28.81	1.000	3.71	1.005	1.000	1.000	3.73	1.018	1.000	1.000	3.80	
Restorative	631	88.89	1.000	4.67	1.005	1.000	1.000	4.70	1.018	1.000	1.000	4.78	
Endodontics	93	103.19	1.000	0.80	1.005	1.000	1.000	0.80	1.018	1.000	1.000	0.82	
Oral Surgery	197	70.61	1.000	1.16	1.005	1.000	1.000	1.16	1.018	1.000	1.000	1.18	
Orthodontics	61	227.52	1.000	1.15	1.005	1.000	1.000	1.16	1.018	1.000	1.000	1.18	
Other	174	52.52	1.000	0.76	1.005	1.000	1.000	0.76	1.018	1.000	1.000	0.78	
Subtotal	4,252	42.75		\$ 15.15				\$ 15.22				\$ 15.49	
Admin (1.9%)					\$ 0.29				\$ 0.29				\$ 0.29
Premium Tax (0.0%)					\$ -				\$ -				\$ -
Total Premium Rate					\$ 15.43				\$ 15.51				\$ 15.79
Ages 14 - 20 : Female													
Member Months					20,032				19,827				19,261
Diagnostic	1,540	23.50	1.000	3.01	1.005	1.000	1.000	3.03	1.018	1.000	1.000	3.08	
Preventive	1,078	31.93	1.000	2.87	1.005	1.000	1.000	2.88	1.018	1.000	1.000	2.93	
Restorative	829	115.37	1.000	7.97	1.005	1.000	1.000	8.01	1.018	1.000	1.000	8.15	
Endodontics	65	422.17	1.000	2.28	1.005	1.000	1.000	2.29	1.018	1.000	1.000	2.33	
Oral Surgery	210	168.81	1.000	2.96	1.005	1.000	1.000	2.97	1.018	1.000	1.000	3.03	
Orthodontics	223	128.31	1.000	2.39	1.005	1.000	1.000	2.40	1.018	1.000	1.000	2.44	
Other	290	73.05	1.000	1.76	1.005	1.000	1.000	1.77	1.018	1.000	1.000	1.81	
Subtotal	4,235	65.86		\$ 23.24				\$ 23.36				\$ 23.77	
Admin (1.9%)					\$ 0.44				\$ 0.44				\$ 0.45
Premium Tax (0.0%)					\$ -				\$ -				\$ -
Total Premium Rate					\$ 23.68				\$ 23.80				\$ 24.22
Ages 14 - 20 : Male													
Member Months					39,108				38,708				37,602
Diagnostic	1,349	23.95	1.000	2.69	1.005	1.000	1.000	2.70	1.018	1.000	1.000	2.75	
Preventive	1,001	31.98	1.000	2.67	1.005	1.000	1.000	2.68	1.018	1.000	1.000	2.73	
Restorative	714	117.85	1.000	7.01	1.005	1.000	1.000	7.05	1.018	1.000	1.000	7.17	
Endodontics	51	396.97	1.000	1.67	1.005	1.000	1.000	1.68	1.018	1.000	1.000	1.71	
Oral Surgery	182	162.84	1.000	2.46	1.005	1.000	1.000	2.48	1.018	1.000	1.000	2.52	
Orthodontics	103	130.13	1.000	1.11	1.005	1.000	1.000	1.12	1.018	1.000	1.000	1.14	
Other	237	72.92	1.000	1.44	1.005	1.000	1.000	1.45	1.018	1.000	1.000	1.47	
Subtotal	3,635	62.93		\$ 19.06				\$ 19.16				\$ 19.50	
Admin (1.9%)					\$ 0.36				\$ 0.36				\$ 0.37
Premium Tax (0.0%)					\$ -				\$ -				\$ -
Total Premium Rate					\$ 19.42				\$ 19.52				\$ 19.87
Total Less than 21													
Member Months					150,039				148,503				144,261
Diagnostic	1,497	22.90	1.000	2.86	1.005	1.000	1.000	2.87	1.018	1.000	1.000	2.92	
Preventive	1,341	29.76	1.000	3.33	1.005	1.000	1.000	3.34	1.018	1.000	1.000	3.40	
Restorative	679	101.15	1.000	5.72	1.005	1.000	1.000	5.75	1.018	1.000	1.000	5.85	
Endodontics	78	188.15	1.000	1.22	1.005	1.000	1.000	1.23	1.018	1.000	1.000	1.25	
Oral Surgery	195	107.23	1.000	1.74	1.005	1.000	1.000	1.75	1.018	1.000	1.000	1.78	
Orthodontics	93	167.96	1.000	1.31	1.005	1.000	1.000	1.32	1.018	1.000	1.000	1.34	
Other	206	62.50	1.000	1.07	1.005	1.000	1.000	1.08	1.018	1.000	1.000	1.10	
Total	4,089	50.62		\$ 17.25				\$ 17.33				\$ 17.64	
Admin (1.9%)					\$ 0.33				\$ 0.33				\$ 0.33
Premium Tax (0.0%)					\$ -				\$ -				\$ -
Total Premium Rate					\$ 17.57				\$ 17.66				\$ 17.98

SFY2019 Dental Per Capita Cost Development

Middle Region - Development of FY18 and FY19 Cost Projections

Duals / Waiver Duals												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				18				18				18
Diagnostic	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Preventive	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Restorative	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Endodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Oral Surgery	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Subtotal	-	-		\$ -				\$ -				\$ -
Admin (0.0%)				\$ -				\$ -				\$ -
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ -				\$ -				\$ -
Ages 14 - 20 : Female												
Member Months				421				420				421
Diagnostic	1,255	21.39	1.000	2.24	1.005	1.000	1.000	2.25	1.018	1.000	1.000	2.29
Preventive	999	27.71	1.000	2.31	1.005	1.000	1.000	2.32	1.018	1.000	1.000	2.36
Restorative	1,141	222.00	1.000	21.11	1.005	1.000	1.000	21.22	1.018	1.000	1.000	21.60
Endodontics	86	440.48	1.000	3.14	1.005	1.000	1.000	3.16	1.018	1.000	1.000	3.21
Oral Surgery	485	209.20	1.000	8.46	1.005	1.000	1.000	8.50	1.018	1.000	1.000	8.65
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	599	67.38	1.000	3.36	1.005	1.000	1.000	3.38	1.018	1.000	1.000	3.44
Subtotal	4,565	106.77		\$ 40.62				\$ 40.82				\$ 41.55
Admin (0.0%)				\$ 0.77				\$ 0.77				\$ 0.78
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 41.38				\$ 41.59				\$ 42.33
Ages 14 - 20 : Male												
Member Months				711				710				713
Diagnostic	1,350	21.59	1.000	2.43	1.005	1.000	1.000	2.44	1.018	1.000	1.000	2.48
Preventive	844	32.25	1.000	2.27	1.005	1.000	1.000	2.28	1.018	1.000	1.000	2.32
Restorative	1,924	131.17	1.000	21.03	1.005	1.000	1.000	21.13	1.018	1.000	1.000	21.51
Endodontics	51	278.59	1.000	1.18	1.005	1.000	1.000	1.18	1.018	1.000	1.000	1.20
Oral Surgery	101	185.02	1.000	1.56	1.005	1.000	1.000	1.57	1.018	1.000	1.000	1.60
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	236	119.49	1.000	2.35	1.005	1.000	1.000	2.36	1.018	1.000	1.000	2.41
Subtotal	4,506	82.07		\$ 30.82				\$ 30.97				\$ 31.52
Admin (0.0%)				\$ 0.58				\$ 0.58				\$ 0.59
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 31.40				\$ 31.55				\$ 32.12
Total Less than 21												
Member Months				1,150				1,148				1,152
Diagnostic	1,294	21.52	1.000	2.32	1.005	1.000	1.000	2.33	1.018	1.000	1.000	2.37
Preventive	887	30.38	1.000	2.25	1.005	1.000	1.000	2.26	1.018	1.000	1.000	2.30
Restorative	1,607	154.76	1.000	20.73	1.005	1.000	1.000	20.83	1.018	1.000	1.000	21.20
Endodontics	63	359.54	1.000	1.88	1.005	1.000	1.000	1.89	1.018	1.000	1.000	1.92
Oral Surgery	240	202.89	1.000	4.06	1.005	1.000	1.000	4.08	1.018	1.000	1.000	4.15
Orthodontics	-	-	1.000	-	1.005	1.000	#DIV/0!	-	1.018	1.000	#DIV/0!	-
Other	365	88.23	1.000	2.69	1.005	1.000	1.000	2.70	1.018	1.000	1.000	2.75
Total	4,457	91.33		\$ 33.92				\$ 34.08				\$ 34.69
Admin (0.0%)				\$ 0.64				\$ 0.64				\$ 0.65
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 34.56				\$ 34.73				\$ 35.35

SFY2019 Dental Per Capita Cost Development

West Region - Development of FY18 and FY19 Cost Projections

All Aid Categories Dental Experience												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				2,163,815				2,144,916				1,968,189
Diagnostic	1,468	23.10	1.000	2.83	1.005	1.000	1.000	2.84	1.018	1.000	1.000	2.89
Preventive	1,559	28.37	1.000	3.69	1.005	1.000	1.000	3.70	1.018	1.000	1.000	3.77
Restorative	480	87.29	1.000	3.49	1.005	1.000	1.000	3.51	1.018	1.000	1.000	3.57
Endodontics	66	97.57	1.000	0.54	1.005	1.000	1.000	0.54	1.018	1.000	1.000	0.55
Oral Surgery	107	69.19	1.000	0.62	1.005	1.000	1.000	0.62	1.018	1.000	1.001	0.63
Orthodontics	28	192.93	1.000	0.45	1.005	1.000	1.000	0.46	1.018	1.000	1.001	0.47
Other	163	47.33	1.000	0.64	1.005	1.000	1.000	0.65	1.018	1.000	0.999	0.66
Subtotal	3,871	38.00		\$ 12.26				\$ 12.32				\$ 12.54
Admin (1.9%)				\$ 0.23				\$ 0.23				\$ 0.24
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 12.49				\$ 12.55				\$ 12.77
Ages 14 - 20 : Female												
Member Months				386,018				378,415				359,972
Diagnostic	1,480	25.67	1.000	3.16	1.005	1.000	1.000	3.18	1.018	1.000	1.000	3.24
Preventive	1,139	32.19	1.000	3.06	1.005	1.000	1.000	3.07	1.018	1.000	1.000	3.13
Restorative	728	98.90	1.000	6.00	1.005	1.000	1.000	6.03	1.018	1.000	1.000	6.14
Endodontics	38	435.27	1.000	1.37	1.005	1.000	1.000	1.38	1.018	1.000	1.000	1.40
Oral Surgery	219	181.10	1.000	3.30	1.005	1.000	1.000	3.31	1.018	1.000	1.000	3.37
Orthodontics	152	128.83	1.000	1.63	1.005	1.000	1.000	1.64	1.018	1.000	1.000	1.66
Other	297	72.60	1.000	1.80	1.005	1.000	1.000	1.81	1.018	1.000	1.000	1.84
Subtotal	4,052	60.16		\$ 20.32				\$ 20.42				\$ 20.78
Admin (1.9%)				\$ 0.38				\$ 0.38				\$ 0.39
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 20.70				\$ 20.80				\$ 21.17
Ages 14 - 20 : Male												
Member Months				375,454				366,461				345,840
Diagnostic	1,196	25.99	1.000	2.59	1.005	1.000	1.000	2.60	1.018	1.000	1.000	2.65
Preventive	987	32.07	1.000	2.64	1.005	1.000	1.000	2.65	1.018	1.000	0.999	2.70
Restorative	583	101.33	1.000	4.92	1.005	1.000	1.000	4.95	1.018	1.000	0.999	5.03
Endodontics	32	425.13	1.000	1.13	1.005	1.000	1.000	1.14	1.018	1.000	1.000	1.16
Oral Surgery	140	179.44	1.000	2.10	1.005	1.000	1.000	2.11	1.018	1.000	0.999	2.14
Orthodontics	122	130.88	1.000	1.33	1.005	1.000	0.999	1.34	1.018	1.000	0.999	1.36
Other	197	70.17	1.000	1.15	1.005	1.000	1.000	1.16	1.018	1.000	1.000	1.18
Subtotal	3,258	58.44		\$ 15.87				\$ 15.94				\$ 16.22
Admin (1.9%)				\$ 0.30				\$ 0.30				\$ 0.31
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 16.16				\$ 16.24				\$ 16.52
Total Less than 21												
Member Months				2,925,286				2,889,792				2,674,001
Diagnostic	1,434	23.76	1.000	2.84	1.005	1.000	1.000	2.85	1.018	1.000	1.000	2.91
Preventive	1,430	29.10	1.000	3.47	1.005	1.000	1.001	3.49	1.018	1.000	0.998	3.54
Restorative	526	91.41	1.000	4.01	1.005	1.000	0.999	4.02	1.018	1.000	1.003	4.11
Endodontics	58	149.87	1.000	0.72	1.005	1.000	0.998	0.72	1.018	1.000	1.006	0.74
Oral Surgery	126	110.51	1.000	1.16	1.005	1.000	0.996	1.16	1.018	1.000	1.012	1.20
Orthodontics	57	153.09	1.000	0.72	1.005	1.000	0.996	0.72	1.018	1.000	1.009	0.74
Other	185	55.81	1.000	0.86	1.005	1.000	0.998	0.86	1.018	1.000	1.006	0.88
Total	3,816	43.34		\$ 13.78				\$ 13.84				\$ 14.12
Admin (1.9%)				\$ 0.26				\$ 0.26				\$ 0.27
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 14.04				\$ 14.10				\$ 14.39

SFY2019 Dental Per Capita Cost Development

West Region - Development of FY18 and FY19 Cost Projections

Medicaid (TANF & Related) and Uninsured												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				2,063,517				2,044,735				1,869,046
Diagnostic	1,470	23.09	1.000	2.83	1.005	1.000	1.000	2.84	1.018	1.000	1.000	2.89
Preventive	1,561	28.38	1.000	3.69	1.005	1.000	1.000	3.71	1.018	1.000	1.000	3.78
Restorative	482	87.29	1.000	3.50	1.005	1.000	1.000	3.52	1.018	1.000	1.000	3.58
Endodontics	66	96.90	1.000	0.54	1.005	1.000	1.000	0.54	1.018	1.000	1.000	0.55
Oral Surgery	106	69.13	1.000	0.61	1.005	1.000	1.000	0.62	1.018	1.000	1.000	0.63
Orthodontics	28	192.95	1.000	0.45	1.005	1.000	1.000	0.45	1.018	1.000	1.000	0.46
Other	165	47.22	1.000	0.65	1.005	1.000	1.000	0.65	1.018	1.000	1.000	0.66
Subtotal	3,879	37.97		\$ 12.27				\$ 12.33				\$ 12.55
Admin (1.9%)				\$ 0.23				\$ 0.23				\$ 0.24
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 12.50				\$ 12.57				\$ 12.79
Ages 14 - 20 : Female												
Member Months				361,458				353,884				335,690
Diagnostic	1,482	25.68	1.000	3.17	1.005	1.000	1.000	3.19	1.018	1.000	1.000	3.24
Preventive	1,143	32.20	1.000	3.07	1.005	1.000	1.000	3.08	1.018	1.000	1.000	3.14
Restorative	727	99.22	1.000	6.01	1.005	1.000	1.000	6.04	1.018	1.000	1.000	6.15
Endodontics	38	436.27	1.000	1.38	1.005	1.000	1.000	1.39	1.018	1.000	1.000	1.41
Oral Surgery	217	182.08	1.000	3.29	1.005	1.000	1.000	3.31	1.018	1.000	1.000	3.37
Orthodontics	153	128.24	1.000	1.63	1.005	1.000	1.000	1.64	1.018	1.000	1.000	1.67
Other	300	72.13	1.000	1.80	1.005	1.000	1.000	1.81	1.018	1.000	1.000	1.84
Subtotal	4,059	60.20		\$ 20.37				\$ 20.47				\$ 20.83
Admin (1.9%)				\$ 0.38				\$ 0.39				\$ 0.39
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 20.75				\$ 20.85				\$ 21.23
Ages 14 - 20 : Male												
Member Months				330,556				321,616				301,453
Diagnostic	1,202	26.04	1.000	2.61	1.005	1.000	1.000	2.62	1.018	1.000	1.000	2.67
Preventive	997	32.09	1.000	2.67	1.005	1.000	1.000	2.68	1.018	1.000	1.000	2.73
Restorative	594	100.73	1.000	4.98	1.005	1.000	1.000	5.01	1.018	1.000	1.000	5.10
Endodontics	32	427.97	1.000	1.13	1.005	1.000	1.000	1.14	1.018	1.000	1.000	1.16
Oral Surgery	142	179.77	1.000	2.13	1.005	1.000	1.000	2.14	1.018	1.000	1.000	2.18
Orthodontics	126	130.11	1.000	1.37	1.005	1.000	1.000	1.38	1.018	1.000	1.000	1.40
Other	201	69.50	1.000	1.16	1.005	1.000	1.000	1.17	1.018	1.000	1.000	1.19
Subtotal	3,294	58.47		\$ 16.05				\$ 16.13				\$ 16.42
Admin (1.9%)				\$ 0.30				\$ 0.30				\$ 0.31
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 16.35				\$ 16.44				\$ 16.73
Total Less than 21												
Member Months				2,755,531				2,720,235				2,506,189
Diagnostic	1,439	23.73	1.000	2.85	1.005	1.000	1.000	2.86	1.018	1.000	1.000	2.91
Preventive	1,439	29.08	1.000	3.49	1.005	1.000	1.001	3.51	1.018	1.000	0.999	3.56
Restorative	527	91.27	1.000	4.01	1.005	1.000	0.999	4.03	1.018	1.000	1.003	4.11
Endodontics	59	147.33	1.000	0.72	1.005	1.000	0.997	0.72	1.018	1.000	1.006	0.74
Oral Surgery	125	109.93	1.000	1.15	1.005	1.000	0.995	1.15	1.018	1.000	1.012	1.18
Orthodontics	56	152.94	1.000	0.72	1.005	1.000	0.996	0.72	1.018	1.000	1.009	0.74
Other	187	55.33	1.000	0.86	1.005	1.000	0.998	0.86	1.018	1.000	1.006	0.89
Total	3,832	43.18		\$ 13.79				\$ 13.84				\$ 14.13
Admin (1.9%)				\$ 0.26				\$ 0.26				\$ 0.27
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 14.05				\$ 14.10				\$ 14.39

SFY2019 Dental Per Capita Cost Development

West Region - Development of FY18 and FY19 Cost Projections

Disabled												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				100,250				100,133				99,095
Diagnostic	1,422	23.45	1.000	2.78	1.005	1.000	1.000	2.79	1.018	1.000	1.000	2.84
Preventive	1,501	28.33	1.000	3.54	1.005	1.000	1.000	3.56	1.018	1.000	1.000	3.62
Restorative	455	87.27	1.000	3.31	1.005	1.000	1.000	3.33	1.018	1.000	1.000	3.39
Endodontics	55	114.21	1.000	0.53	1.005	1.000	1.000	0.53	1.018	1.000	1.000	0.54
Oral Surgery	126	70.09	1.000	0.74	1.005	1.000	1.000	0.74	1.018	1.000	1.000	0.75
Orthodontics	32	192.55	1.000	0.52	1.005	1.000	1.000	0.52	1.018	1.000	1.000	0.53
Other	123	50.40	1.000	0.52	1.005	1.000	1.000	0.52	1.018	1.000	1.000	0.53
Subtotal	3,715	38.53		\$ 11.93				\$ 11.99				\$ 12.20
Admin (1.9%)				\$ 0.22				\$ 0.23				\$ 0.23
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 12.15				\$ 12.22				\$ 12.43
Ages 14 - 20 : Female												
Member Months				24,213				24,185				23,934
Diagnostic	1,449	25.52	1.000	3.08	1.005	1.000	1.000	3.10	1.018	1.000	1.000	3.15
Preventive	1,098	32.08	1.000	2.93	1.005	1.000	1.000	2.95	1.018	1.000	1.000	3.00
Restorative	732	92.66	1.000	5.66	1.005	1.000	1.000	5.68	1.018	1.000	1.000	5.79
Endodontics	31	419.06	1.000	1.09	1.005	1.000	1.000	1.10	1.018	1.000	1.000	1.12
Oral Surgery	238	167.24	1.000	3.32	1.005	1.000	1.000	3.33	1.018	1.000	1.000	3.39
Orthodontics	134	138.76	1.000	1.55	1.005	1.000	1.000	1.56	1.018	1.000	1.000	1.59
Other	258	80.63	1.000	1.73	1.005	1.000	1.000	1.74	1.018	1.000	1.000	1.77
Subtotal	3,941	58.97		\$ 19.37				\$ 19.46				\$ 19.81
Admin (1.9%)				\$ 0.37				\$ 0.37				\$ 0.37
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 19.73				\$ 19.83				\$ 20.18
Ages 14 - 20 : Male												
Member Months				44,378				44,327				43,867
Diagnostic	1,146	25.60	1.000	2.45	1.005	1.000	1.000	2.46	1.018	1.000	1.000	2.50
Preventive	913	31.90	1.000	2.43	1.005	1.000	1.000	2.44	1.018	1.000	1.000	2.48
Restorative	497	106.81	1.000	4.42	1.005	1.000	1.000	4.44	1.018	1.000	1.000	4.52
Endodontics	34	405.48	1.000	1.15	1.005	1.000	1.000	1.16	1.018	1.000	1.000	1.18
Oral Surgery	127	176.50	1.000	1.87	1.005	1.000	1.000	1.88	1.018	1.000	1.000	1.92
Orthodontics	92	138.77	1.000	1.07	1.005	1.000	1.000	1.07	1.018	1.000	1.000	1.09
Other	170	76.25	1.000	1.08	1.005	1.000	1.000	1.09	1.018	1.000	1.000	1.11
Subtotal	2,980	58.26		\$ 14.47				\$ 14.54				\$ 14.80
Admin (1.9%)				\$ 0.27				\$ 0.27				\$ 0.28
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 14.74				\$ 14.81				\$ 15.08
Total Less than 21												
Member Months				168,841				168,645				166,896
Diagnostic	1,354	24.25	1.000	2.73	1.005	1.000	1.000	2.75	1.018	1.000	1.000	2.80
Preventive	1,289	29.45	1.000	3.16	1.005	1.000	1.000	3.18	1.018	1.000	1.000	3.23
Restorative	506	93.43	1.000	3.94	1.005	1.000	1.000	3.96	1.018	1.000	1.000	4.03
Endodontics	46	200.22	1.000	0.77	1.005	1.000	1.000	0.77	1.018	1.000	1.000	0.79
Oral Surgery	143	118.32	1.000	1.41	1.005	1.000	1.000	1.41	1.018	1.000	1.000	1.44
Orthodontics	63	155.17	1.000	0.81	1.005	1.000	1.000	0.81	1.018	1.000	1.000	0.83
Other	155	65.08	1.000	0.84	1.005	1.000	1.000	0.84	1.018	1.000	1.000	0.86
Total	3,554	46.13		\$ 13.66				\$ 13.73				\$ 13.98
Admin (1.9%)				\$ 0.26				\$ 0.26				\$ 0.26
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 13.92				\$ 13.99				\$ 14.24

SFY2019 Dental Per Capita Cost Development

West Region - Development of FY18 and FY19 Cost Projections

Duals / Waiver Duals												
Service Category	April 2017 through March 2018 Incurred				Data Adjustment Factors			SFY2018 PMPM	Data Adjustment Factors			SFY2019 PMPM
	Units Per 1,000	Paid Expenditures / Unit	IBNR Completion	Paid Expenditures PMPM	Trend To SFY2018	Benefit Adjust.	Enrollment Impact		Trend To SFY2019	Benefit Adjust.	Enrollment Impact	
Age Under 14												
Member Months				48				48				48
Diagnostic	2,253	26.76	1.000	5.02	1.005	1.000	1.000	5.05	1.018	1.000	1.000	5.14
Preventive	2,503	28.85	1.000	6.02	1.005	1.000	1.000	6.05	1.018	1.000	1.000	6.16
Restorative	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Endodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Oral Surgery	250	65.64	1.000	1.37	1.005	1.000	1.000	1.38	1.018	1.000	1.000	1.40
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	250	28.96	1.000	0.60	1.005	1.000	1.000	0.61	1.018	1.000	1.000	0.62
Subtotal	5,257	29.71		\$ 13.02				\$ 13.08				\$ 13.32
Admin (0.0%)				\$ 0.25				\$ 0.25				\$ 0.25
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 13.26				\$ 13.33				\$ 13.57
Ages 14 - 20 : Female												
Member Months				347				346				348
Diagnostic	1,556	22.00	1.000	2.85	1.005	1.000	1.000	2.87	1.018	1.000	1.000	2.92
Preventive	692	30.96	1.000	1.78	1.005	1.000	1.000	1.79	1.018	1.000	1.000	1.83
Restorative	1,141	166.52	1.000	15.84	1.005	1.000	1.000	15.92	1.018	1.000	1.000	16.20
Endodontics	173	410.05	1.000	5.91	1.005	1.000	1.000	5.94	1.018	1.000	1.000	6.04
Oral Surgery	277	219.72	1.000	5.07	1.005	1.000	1.000	5.09	1.018	1.000	1.000	5.18
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	657	76.43	1.000	4.19	1.005	1.000	1.000	4.21	1.018	1.000	1.000	4.28
Subtotal	4,496	95.11		\$ 35.64				\$ 35.81				\$ 36.45
Admin (0.0%)				\$ 0.67				\$ 0.68				\$ 0.69
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 36.31				\$ 36.49				\$ 37.14
Ages 14 - 20 : Male												
Member Months				519				518				520
Diagnostic	1,225	30.61	1.000	3.12	1.005	1.000	1.000	3.14	1.018	1.000	1.000	3.20
Preventive	948	32.94	1.000	2.60	1.005	1.000	1.000	2.61	1.018	1.000	1.000	2.66
Restorative	1,063	95.54	1.000	8.47	1.005	1.000	1.000	8.51	1.018	1.000	1.000	8.66
Endodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Oral Surgery	46	242.28	1.000	0.93	1.005	1.000	1.000	0.94	1.018	1.000	1.000	0.95
Orthodontics	-	-	1.000	-	1.005	1.000	1.000	-	1.018	1.000	1.000	-
Other	254	57.84	1.000	1.23	1.005	1.000	1.000	1.23	1.018	1.000	1.000	1.25
Subtotal	3,537	55.48		\$ 16.35				\$ 16.43				\$ 16.73
Admin (0.0%)				\$ 0.31				\$ 0.31				\$ 0.32
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 16.66				\$ 16.74				\$ 17.04
Total Less than 21												
Member Months				914				912				916
Diagnostic	1,405	26.67	1.000	3.12	1.005	1.000	1.000	3.14	1.018	1.000	1.000	3.19
Preventive	932	31.81	1.000	2.47	1.005	1.000	1.000	2.48	1.018	1.000	1.000	2.53
Restorative	1,037	125.19	1.000	10.82	1.005	1.000	1.000	10.87	1.018	1.000	1.000	11.07
Endodontics	66	410.05	1.000	2.24	1.005	1.000	1.000	2.25	1.018	1.000	1.000	2.29
Oral Surgery	144	209.81	1.000	2.52	1.005	1.000	1.000	2.54	1.018	1.000	1.000	2.58
Orthodontics	-	-	1.000	-	1.005	1.000	#DIV/0!	-	1.018	1.000	#DIV/0!	-
Other	407	68.30	1.000	2.32	1.005	1.000	1.000	2.33	1.018	1.000	1.000	2.37
Total	3,991	70.65		\$ 23.50				\$ 23.61				\$ 24.04
Admin (0.0%)				\$ 0.44				\$ 0.45				\$ 0.45
Premium Tax (0.0%)				\$ -				\$ -				\$ -
Total Premium Rate				\$ 23.94				\$ 24.06				\$ 24.49

TennCare

Exhibit 8c

SFY2019 Dental Per Capita Cost Development

All Regions - Dental Budget Amount

Total Dental Experience						
Service Category	April 2017 through March 2018		SFY2018		SFY2019	
	PMPM	Total	PMPM	Total	PMPM	Total
Age Under 14						
Member Months		7,488,083		7,472,030		6,910,239
Diagnostic	\$ 2.92	\$ 21,896,151	\$ 2.94	\$ 21,960,735	\$ 2.99	\$ 20,673,622
Preventive	\$ 3.75	\$ 28,055,406	\$ 3.77	\$ 28,138,094	\$ 3.83	\$ 26,486,451
Restorative	\$ 4.17	\$ 31,242,825	\$ 4.20	\$ 31,347,397	\$ 4.27	\$ 29,524,062
Endodontics	\$ 0.69	\$ 5,136,675	\$ 0.69	\$ 5,154,884	\$ 0.70	\$ 4,856,270
Oral Surgery	\$ 0.75	\$ 5,584,737	\$ 0.75	\$ 5,603,473	\$ 0.76	\$ 5,281,634
Orthodontics	\$ 0.76	\$ 5,687,558	\$ 0.76	\$ 5,710,772	\$ 0.78	\$ 5,383,785
Other	\$ 0.71	\$ 5,282,291	\$ 0.71	\$ 5,298,886	\$ 0.72	\$ 4,988,635
Subtotal	\$ 13.74	\$ 102,885,644	\$ 13.81	\$ 103,214,240	\$ 14.07	\$ 97,194,460
Ages 14 - 20: Female						
Member Months		1,326,667		1,316,807		1,266,003
Diagnostic	\$ 3.37	\$ 4,476,508	\$ 3.39	\$ 4,466,815	\$ 3.45	\$ 4,372,145
Preventive	\$ 3.20	\$ 4,240,743	\$ 3.21	\$ 4,231,075	\$ 3.27	\$ 4,140,873
Restorative	\$ 7.48	\$ 9,917,219	\$ 7.52	\$ 9,902,013	\$ 7.66	\$ 9,698,268
Endodontics	\$ 1.71	\$ 2,269,436	\$ 1.72	\$ 2,265,739	\$ 1.75	\$ 2,218,903
Oral Surgery	\$ 3.82	\$ 5,065,629	\$ 3.84	\$ 5,056,957	\$ 3.91	\$ 4,951,972
Orthodontics	\$ 2.06	\$ 2,738,149	\$ 2.08	\$ 2,734,129	\$ 2.12	\$ 2,677,803
Other	\$ 1.97	\$ 2,617,159	\$ 1.98	\$ 2,611,879	\$ 2.02	\$ 2,557,018
Subtotal	\$ 23.61	\$ 31,324,843	\$ 23.75	\$ 31,268,606	\$ 24.18	\$ 30,616,982
Ages 14 - 20: Male						
Member Months		1,293,728		1,276,500		1,213,954
Diagnostic	\$ 2.84	\$ 3,667,828	\$ 2.85	\$ 3,638,143	\$ 2.90	\$ 3,521,886
Preventive	\$ 2.80	\$ 3,618,990	\$ 2.81	\$ 3,589,196	\$ 2.86	\$ 3,473,898
Restorative	\$ 6.41	\$ 8,294,622	\$ 6.45	\$ 8,232,791	\$ 6.57	\$ 7,974,595
Endodontics	\$ 1.44	\$ 1,861,363	\$ 1.45	\$ 1,847,433	\$ 1.47	\$ 1,789,544
Oral Surgery	\$ 2.77	\$ 3,578,352	\$ 2.78	\$ 3,551,452	\$ 2.83	\$ 3,438,954
Orthodontics	\$ 1.69	\$ 2,182,819	\$ 1.70	\$ 2,165,972	\$ 1.73	\$ 2,095,497
Other	\$ 1.35	\$ 1,746,284	\$ 1.36	\$ 1,732,631	\$ 1.38	\$ 1,678,124
Subtotal	\$ 19.29	\$ 24,950,258	\$ 19.39	\$ 24,757,618	\$ 19.75	\$ 23,972,496
Total Less than 21						
Member Months		10,108,478		10,065,336		9,390,196
Diagnostic	\$ 2.97	\$ 30,040,488	\$ 2.99	\$ 30,065,692	\$ 3.04	\$ 28,567,653
Preventive	\$ 3.55	\$ 35,915,139	\$ 3.57	\$ 35,958,365	\$ 3.63	\$ 34,101,222
Restorative	\$ 4.89	\$ 49,454,666	\$ 4.92	\$ 49,482,201	\$ 5.03	\$ 47,196,924
Endodontics	\$ 0.92	\$ 9,267,474	\$ 0.92	\$ 9,268,055	\$ 0.94	\$ 8,864,717
Oral Surgery	\$ 1.41	\$ 14,228,718	\$ 1.41	\$ 14,211,881	\$ 1.46	\$ 13,672,560
Orthodontics	\$ 1.05	\$ 10,608,526	\$ 1.05	\$ 10,610,873	\$ 1.08	\$ 10,157,085
Other	\$ 0.95	\$ 9,645,734	\$ 0.96	\$ 9,643,395	\$ 0.98	\$ 9,223,778
Total	\$ 15.75	\$ 159,160,745	\$ 15.82	\$ 159,240,463	\$ 16.16	\$ 151,783,938
Admin (1.9%)	\$ 0.29	\$ 2,999,973	\$ 0.30	\$ 3,001,476	\$ 0.31	\$ 2,860,930
Premium Tax (0.0%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Premium Rate	\$ 16.04	\$ 162,160,718	\$ 16.12	\$ 162,241,939	\$ 16.47	\$ 154,644,868

TennCare

Exhibit 8d

SFY2019 Dental Per Capita Cost Development

All Regions - Dental Cost Projection Summary

		Total Dental Experience								
Aid Category	Age Group	April 2017 through March 2018			SFY2018			SFY2019		
		Member Months (MMs)	PMPM	Total	Projected MMs	PMPM	Total	Projected MMs	PMPM	Total
Medicaid (TANF and Related)*										
	Age Under 14	7,219,129	\$ 14.02	\$ 101,215,211	7,204,144	\$ 14.10	\$ 101,548,151	6,646,494	\$ 14.36	\$ 95,410,715
	Ages 14 - 20 : Female	1,261,884	\$ 24.12	\$ 30,437,588	1,252,266	\$ 24.26	\$ 30,378,615	1,202,406	\$ 24.71	\$ 29,710,231
	Ages 14 - 20 : Male	1,171,537	\$ 19.83	\$ 23,227,815	1,154,775	\$ 19.94	\$ 23,029,501	1,094,042	\$ 20.31	\$ 22,224,268
	Less than 21	9,652,550	\$ 16.05	\$ 154,880,614	9,611,185	\$ 16.12	\$ 154,956,268	8,942,942	\$ 16.48	\$ 147,345,215
Disabled										
	Age Under 14	268,881	\$ 13.42	\$ 3,609,059	267,813	\$ 13.48	\$ 3,610,906	263,672	\$ 13.71	\$ 3,615,082
	Ages 14 - 20 : Female	63,381	\$ 22.56	\$ 1,430,070	63,143	\$ 22.67	\$ 1,431,625	62,195	\$ 23.07	\$ 1,435,107
	Ages 14 - 20 : Male	120,117	\$ 17.89	\$ 2,148,611	119,656	\$ 17.97	\$ 2,150,537	117,838	\$ 18.29	\$ 2,154,917
	Less than 21	452,379	\$ 15.89	\$ 7,187,740	450,612	\$ 15.96	\$ 7,193,068	443,705	\$ 16.24	\$ 7,205,105
Duals/Waiver Duals										
	Age Under 14	73	\$ 8.71	\$ 636	73	\$ 8.75	\$ 638	73	\$ 8.91	\$ 652
	Ages 14 - 20 : Female	1,402	\$ 33.97	\$ 47,617	1,398	\$ 34.15	\$ 47,738	1,402	\$ 34.77	\$ 48,735
	Ages 14 - 20 : Male	2,074	\$ 21.27	\$ 44,112	2,069	\$ 21.38	\$ 44,228	2,074	\$ 21.77	\$ 45,162
	Less than 21	3,548	\$ 26.03	\$ 92,364	3,539	\$ 26.16	\$ 92,604	3,549	\$ 26.64	\$ 94,548
All Groups Less than 21		10,108,478	\$ 16.04	\$ 162,160,718	10,065,336	\$ 16.12	\$ 162,241,939	9,390,196	\$ 16.47	\$ 154,644,868

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

TennCare

Exhibit 8d

SFY2019 Dental Per Capita Cost Development

East Region - Dental Cost Projection Summary

		Total Dental Experience								
Aid Category	Age Group	April 2017 through March 2018			SFY2018			SFY2019		
		Member Months (MMs)	PMPM	Total	Projected MMs	PMPM	Total	Projected MMs	PMPM	Total
Medicaid (TANF and Related)*										
	Age Under 14	2,422,762	\$ 13.13	\$ 31,800,676	2,421,277	\$ 13.19	\$ 31,939,387	2,238,699	\$ 13.43	\$ 30,059,137
	Ages 14 - 20 : Female	445,887	\$ 25.15	\$ 11,215,298	445,207	\$ 25.28	\$ 11,253,945	430,067	\$ 25.73	\$ 11,065,668
	Ages 14 - 20 : Male	415,425	\$ 21.68	\$ 9,006,446	411,126	\$ 21.79	\$ 8,957,609	390,768	\$ 22.18	\$ 8,666,323
	Less than 21	3,284,074	\$ 15.84	\$ 52,022,421	3,277,610	\$ 15.91	\$ 52,150,940	3,059,534	\$ 16.27	\$ 49,791,128
Disabled										
	Age Under 14	77,733	\$ 12.71	\$ 987,852	77,712	\$ 12.77	\$ 992,501	77,179	\$ 13.00	\$ 1,003,323
	Ages 14 - 20 : Female	19,136	\$ 24.98	\$ 478,012	19,131	\$ 25.10	\$ 480,266	19,000	\$ 25.55	\$ 485,508
	Ages 14 - 20 : Male	36,631	\$ 20.06	\$ 734,819	36,621	\$ 20.16	\$ 738,284	36,369	\$ 20.52	\$ 746,317
	Less than 21	133,500	\$ 16.48	\$ 2,200,684	133,464	\$ 16.57	\$ 2,211,050	132,548	\$ 16.86	\$ 2,235,147
Duals/Waiver Duals										
	Age Under 14	7	\$ -	\$ -	7	\$ -	\$ -	7	\$ -	\$ -
	Ages 14 - 20 : Female	634	\$ 27.78	\$ 17,615	632	\$ 27.92	\$ 17,642	633	\$ 28.42	\$ 17,978
	Ages 14 - 20 : Male	843	\$ 15.58	\$ 13,138	841	\$ 15.65	\$ 13,159	842	\$ 15.93	\$ 13,409
	Less than 21	1,484	\$ 20.72	\$ 30,753	1,479	\$ 20.82	\$ 30,801	1,481	\$ 21.19	\$ 31,387
All Groups Less than 21		3,419,058	\$ 15.87	\$ 54,253,857	3,412,553	\$ 15.94	\$ 54,392,791	3,193,563	\$ 16.30	\$ 52,057,663

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

TennCare

Exhibit 8d

SFY2019 Dental Per Capita Cost Development

Middle Region - Dental Cost Projection Summary

		Total Dental Experience								
Aid Category	Age Group	April 2017 through March 2018			SFY2018			SFY2019		
		Member Months (MMs)	PMPM	Total	Projected MMs	PMPM	Total	Projected MMs	PMPM	Total
Medicaid (TANF and Related)*										
	Age Under 14	2,732,850	\$ 15.96	\$ 43,611,553	2,738,132	\$ 16.04	\$ 43,913,368	2,538,749	\$ 16.32	\$ 41,443,922
	Ages 14 - 20 : Female	454,540	\$ 25.79	\$ 11,722,456	453,175	\$ 25.92	\$ 11,745,429	436,649	\$ 26.38	\$ 11,519,514
	Ages 14 - 20 : Male	425,555	\$ 20.71	\$ 8,815,208	422,033	\$ 20.82	\$ 8,785,760	401,821	\$ 21.19	\$ 8,514,600
	Less than 21	3,612,945	\$ 17.76	\$ 64,149,218	3,613,340	\$ 17.84	\$ 64,444,557	3,377,219	\$ 18.20	\$ 61,478,035
Disabled										
	Age Under 14	90,898	\$ 15.43	\$ 1,402,714	89,968	\$ 15.51	\$ 1,395,271	87,398	\$ 15.79	\$ 1,379,656
	Ages 14 - 20 : Female	20,032	\$ 23.68	\$ 474,323	19,827	\$ 23.80	\$ 471,802	19,261	\$ 24.22	\$ 466,531
	Ages 14 - 20 : Male	39,108	\$ 19.42	\$ 759,625	38,708	\$ 19.52	\$ 755,591	37,602	\$ 19.87	\$ 747,129
	Less than 21	150,039	\$ 17.57	\$ 2,636,662	148,503	\$ 17.66	\$ 2,622,665	144,261	\$ 17.98	\$ 2,593,316
Duals/Waiver Duals										
	Age Under 14	18	\$ -	\$ -	18	\$ -	\$ -	18	\$ -	\$ -
	Ages 14 - 20 : Female	421	\$ 41.38	\$ 17,405	420	\$ 41.59	\$ 17,459	421	\$ 42.33	\$ 17,844
	Ages 14 - 20 : Male	711	\$ 31.40	\$ 22,325	710	\$ 31.55	\$ 22,394	713	\$ 32.12	\$ 22,887
	Less than 21	1,150	\$ 34.56	\$ 39,730	1,148	\$ 34.73	\$ 39,853	1,152	\$ 35.35	\$ 40,731
All Groups Less than 21		3,764,134	\$ 17.75	\$ 66,825,610	3,762,991	\$ 17.83	\$ 67,107,075	3,522,632	\$ 18.20	\$ 64,112,083

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)

TennCare

Exhibit 8d

SFY2019 Dental Per Capita Cost Development

West Region - Dental Cost Projection Summary

		Total Dental Experience								
Aid Category	Age Group	April 2017 through March 2018			SFY2018			SFY2019		
		Member Months (MMs)	PMPM	Total	Projected MMs	PMPM	Total	Projected MMs	PMPM	Total
Medicaid (TANF and Related)*										
	Age Under 14	2,063,517	\$ 12.50	\$ 25,802,981	2,044,735	\$ 12.57	\$ 25,695,397	1,869,046	\$ 12.79	\$ 23,907,656
	Ages 14 - 20 : Female	361,458	\$ 20.75	\$ 7,499,834	353,884	\$ 20.85	\$ 7,379,241	335,690	\$ 21.23	\$ 7,125,050
	Ages 14 - 20 : Male	330,556	\$ 16.35	\$ 5,406,160	321,616	\$ 16.44	\$ 5,286,132	301,453	\$ 16.73	\$ 5,043,345
	Less than 21	2,755,531	\$ 14.05	\$ 38,708,975	2,720,235	\$ 14.10	\$ 38,360,770	2,506,189	\$ 14.39	\$ 36,076,051
Disabled										
	Age Under 14	100,250	\$ 12.15	\$ 1,218,492	100,133	\$ 12.22	\$ 1,223,134	99,095	\$ 12.43	\$ 1,232,103
	Ages 14 - 20 : Female	24,213	\$ 19.73	\$ 477,735	24,185	\$ 19.83	\$ 479,557	23,934	\$ 20.18	\$ 483,068
	Ages 14 - 20 : Male	44,378	\$ 14.74	\$ 654,167	44,327	\$ 14.81	\$ 656,662	43,867	\$ 15.08	\$ 661,470
	Less than 21	168,841	\$ 13.92	\$ 2,350,394	168,645	\$ 13.99	\$ 2,359,353	166,896	\$ 14.24	\$ 2,376,642
Duals/Waiver Duals										
	Age Under 14	48	\$ 13.26	\$ 636	48	\$ 13.33	\$ 638	48	\$ 13.57	\$ 652
	Ages 14 - 20 : Female	347	\$ 36.31	\$ 12,597	346	\$ 36.49	\$ 12,637	348	\$ 37.14	\$ 12,913
	Ages 14 - 20 : Male	519	\$ 16.66	\$ 8,648	518	\$ 16.74	\$ 8,675	520	\$ 17.04	\$ 8,865
	Less than 21	914	\$ 23.94	\$ 21,881	912	\$ 24.06	\$ 21,950	916	\$ 24.49	\$ 22,430
All Groups Less than 21		2,925,286	\$ 14.04	\$ 41,081,251	2,889,792	\$ 14.10	\$ 40,742,073	2,674,001	\$ 14.39	\$ 38,475,123

*Uninsured/Uninsurable experience included with Medicaid (TANF & Related)