

Appendix J: Cost Neutrality Demonstration

Appendix J-1: Composite Overview and Demonstration of Cost-Neutrality Formula

Composite Overview. Complete the fields in Cols. 3, 5 and 6 in the following table for each waiver year. The fields in Cols. 4, 7 and 8 are auto-calculated based on entries in Cols 3, 5, and 6. The fields in Col. 2 are auto-calculated using the Factor D data from the J-2d Estimate of Factor D tables. Col. 2 fields will be populated ONLY when the Estimate of Factor D tables in J-2d have been completed.

Level(s) of Care (<i>specify</i>):			ICF/IID				
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Year	Factor D	Factor D'	Total: D+D'	Factor G	Factor G'	Total: G+G'	Difference (Column 7 less Column 4)
1	<u>41,587.81</u>		<u>56,215.29</u>				<u>254,635.27</u>
	<u>35,348.63</u>	<u>14,627.48</u>	<u>49,976.11</u>	<u>304,278.06</u>	<u>6,572.50</u>	<u>310,850.56</u>	<u>260,874.45</u>
	<u>11,713.23</u>	<u>10,525.77</u>	<u>22,239.00</u>	<u>248,489.81</u>	<u>5,367.46</u>	<u>253,857.27</u>	<u>231,618.27</u>
2	<u>43,058.36</u>		<u>58,197.80</u>				<u>263,532.53</u>
	<u>36,604.93</u>	<u>15,139.44</u>	<u>51,744.37</u>	<u>314,927.79</u>	<u>6,802.54</u>	<u>321,730.33</u>	<u>269,985.96</u>
	<u>6,481.54</u>	<u>11,602.58</u>	<u>18,084.12</u>	<u>273,911.05</u>	<u>5,916.56</u>	<u>279,827.62</u>	<u>261,743.49</u>
3	<u>44,577.68</u>		<u>60,247.00</u>				<u>272,743.89</u>
	<u>38,747.85</u>	<u>15,669.32</u>	<u>54,417.16</u>	<u>325,950.26</u>	<u>7,040.63</u>	<u>332,990.89</u>	<u>278,573.72</u>
	<u>9,391.28</u>	<u>11,985.47</u>	<u>21,376.75</u>	<u>282,950.12</u>	<u>6,111.81</u>	<u>289,061.93</u>	<u>267,685.18</u>
4	<u>46,188.86</u>		<u>62,406.60</u>				<u>282,238.97</u>
	<u>39,675.30</u>	<u>16,217.74</u>	<u>55,893.04</u>	<u>337,358.52</u>	<u>7,287.05</u>	<u>344,645.57</u>	<u>288,752.53</u>
	<u>11,485.67</u>	<u>12,380.99</u>	<u>23,866.66</u>	<u>292,287.47</u>	<u>6,313.50</u>	<u>298,600.97</u>	<u>274,734.32</u>
5	<u>47,846.30</u>		<u>64,631.67</u>				<u>292,076.50</u>
	<u>41,106.00</u>	<u>16,785.36</u>	<u>57,891.36</u>	<u>349,166.07</u>	<u>7,542.10</u>	<u>356,708.16</u>	<u>298,816.80</u>
	<u>13,665.57</u>	<u>12,789.56</u>	<u>26,455.13</u>	<u>301,932.96</u>	<u>6,521.85</u>	<u>308,454.80</u>	<u>281,999.68</u>

Appendix J-2: Derivation of Estimates

a. Number Of Unduplicated Participants Served. Enter the total number of unduplicated participants from Item B-3-a who will be served each year that the waiver is in operation. When the waiver serves

Appendix J: 1

State:	
Effective Date	

individuals under more than one level of care, specify the number of unduplicated participants for each level of care:

Table J-2-a: Unduplicated Participants	
Waiver Year	Total Unduplicated Number of Participants (from Item B-3-a)
Year 1	525,400
Year 2	525,400
Year 3	525,400
Year 4	525,400
Year 5	525,400

- b. **Average Length of Stay.** Describe the basis of the estimate of the average length of stay on the waiver by participants in Item J-2-a.

The average length of stay for all waiver years is 355-332 days. This is based on the average length of stay reported on the CMS-372(S) report for the Community Pathways Waiver for fiscal years 2018-20196.

- c. **Derivation of Estimates for Each Factor.** Provide a narrative description for the derivation of the estimates of the following factors.

- i. **Factor D Derivation.** The estimates of Factor D for each waiver year are located in Item J-2-d. The basis for these estimates is as follows:

The estimated number of users for Factor D estimates for Waiver Years (WYs) 1-5 are based on analysis of CMS-372(S) reports and user enrollment in Family Support Waiver services in FY22-FY23 from LTSSMaryland person-centered plan (PCP) data. The estimated number of users for all Waiver Years are calculated by applying the percentage of Family Support Services users for each service in the FY22-FY23 LTSSMaryland data file to the total users in the Family Support Services program to the Total Estimated Unduplicated Participants in Appendix B. The percentages are as follows: Assistive Technology and Services – 10.06%; Behavioral Assessment and Behavioral Plan – 11.59%; Behavioral Consultation – 12.5%, Brief Support Implementation – 9.15%; Environmental Assessment and Modifications – 3.96%; Family Caregiver Training and Empowerment Services - .61%; Family and Peer Mentoring Supports – 1.52%; Housing Support Services - .3%; Individual and Family Directed Goods and Services – 2.13% of estimated self-directed services users only; Individual and Family Directed Goods and Services Staff Recruitment and Advertising – 7.01% of estimated self-directed services users only; Nursing Support Services – 21.04%; Participant Education, Training, and Advocacy Supports - .3%; Personal Supports – 71.34%; Personal Supports Enhanced Support – 15.55%; Respite Care Services Day – 7.32%; Respite Care Services – 35.37%; Respite Care Services Camp – 16.77%; Support Broker – 28.35% of estimated self-directed services users only; Transportation – 4.27%; and Vehicle Modifications – 1.52%.

Appendix J: 2

State:	
Effective Date	

Assuming the Estimated Unduplicated Participants will remain the same throughout the length of this waiver renewal (FY24 – FY28), the estimated users for each service will remain the same except for self-directed services. Estimated users for self-directed services Individual and Family Directed Goods and Services and Support Broker services are estimated to increase by 10% in WYs 2-5 based on analysis of the trend of users in the Community Pathways Waiver program choosing to self-direct their services. In WYs 1-2, we estimate users for services where the provider has not transitioned their billing from the PCIS2 system into the LTSSMaryland system. In WYs 3-5 (FY26-FY28) we estimate all users services to be billed using LTSSMaryland.

In the absence of historical service utilization data for the Family Support Waiver, the average units per user for Waiver Years 1-5 are based on historic utilization of services in the Community Pathways Waiver from the FY2020 CMS-372(S) for all services except for Personal Supports and Personal Supports Enhanced Support. For the Personal Support services, the average units per user were calculated using the FY22 LTSSMaryland expenditure report Personal Support expenditures and actual users. Hourly services in the PCIS2 system, Respite, Housing Support Services, and Family and Peer Mentoring services, were converted to 15-minute unit increments in LTSSMaryland beginning March 1, 2021. Since we estimate all users' services to be billed using LTSSMaryland in WYs 3-5, we estimate these services to transition from hourly billing to billing in 15-minute increments as well.

The estimated costs per unit for Waiver Years 1-5 for Upper Pay Limit services are based on the average budgeted amounts for the service for the estimated Family Support Waiver users from the FY22-FY23 LTSSMaryland budget data report and FY22 Self-Directed service budget report for enrolled participants. The Upper Pay Limit services include Assistive Technology and Services, Environmental Modifications, Family Caregiver Training and Empowerment Services, Individual and Family Directed Goods & Services (IFDGS), IFDGS Staff Recruitment and Advertising, Participant Education, Training and Advocacy Supports, Support Broker, Transportation and Vehicle Modifications. For the rate-based services, for WYs 1-5 an average yearly increase of 3.5% is forecasted for the cost of services for this waiver renewal based on the approved rates for FY2023. The 3.5% increase is the average of 2019 – 2021 Consumer Price Index (CPI) for medical care in the Washington-Baltimore region.

The Factor D², G, and G² estimates were updated to realign the time period of the Waiver Years from a calendar year (1/18-12/18) to a fiscal year (7/19-6/20). To implement this change, the Waiver was renewed early to begin in FY20 so WY1 was FY20, WY2 was FY21, etc. The Community Pathways Waiver was renewed in FY19 so WY1 is FY19, WY2 is FY20 and WY3 is FY21. The updates to the Factor D², G, and G² estimates beginning in WY2 or FY21 were aligned with the figures for WY3 in the Community Pathways Waiver as they are both for FY21.

In Waiver Year 1 (WY), the estimated users of Assistive Technology and Services, Behavioral Supports, Environmental Assessments, Environmental Modifications, Support Brokers, and Vehicle Modifications are based on the actual percentage of users vs. total unduplicated recipients of those services in the Community Pathways Waiver from CMS 372(S) FY15. Users of Assistive Technology and Services, Environmental Assessments, Environmental and Vehicle Modifications are estimated to increase by 50% in Waiver Years 2-5. Behavioral Supports services users are estimated to increase by 5% in Waiver Years 2-5. Users of Support Brokers are estimated to

Appendix J: 3

State:	
Effective Date	

increase by 15% in Waiver Year 2–5 based on the average growth rate from Community Pathways Waiver from CMS 372(S) 13–15.

Family and Peer Mentoring Supports users have been estimated at approximately 10% of total number of waiver users as estimated in Appendix B-3 for Waiver Years 1–5.

The estimated users of Individual and Family Directed Goods and Services are based on the actual percentage of users vs. total unduplicated recipients of the services in the Community Pathways Waiver from CMS 372(S) FY16. As there is no historical utilization data, users of the service are estimated to increase by 50% in Waiver Years 2–5.

In WY1, Personal Supports users were estimated at approximately 80% of the total number of waiver users as estimated in Appendix B-3; however in WY2, users were of the population based on FY20 user data from PCIS2 and users are estimated to increase by 10% each year in WYs 3–5. Personal Supports Enhanced Supports users have been estimated at approximately 5% of estimated users of Personal Supports for Waiver Years 2–5 as this is a new service with no historical utilization data.

In WY2, Nursing Services are new services without historical utilization data, so Case Management and Delegation service users have been estimated at approximately 5% of the total number of waiver users as estimated in Appendix B-3 for Waiver Years 2–5. Users of Nursing Consultation have been estimated at approximately 3% of the total number of waiver users as estimated in Appendix B-3 for WY1 as this service is available to only self-directing participants. Nursing Consultation and Nursing Case Management and Delegation services will be included under the service Nursing Support Services in WYs 2–5.

Family Caregiver Training and Empowerment Services, Participant Education, Training and Advocacy Supports, Housing Support Services, Respite Care Services and Transportation users have been estimated at approximately 10% of total number of waiver users as estimated in Appendix B-3 for Waiver Years 1–5.

The Average Units per User for Waiver Years 1–5 are based on historic utilization of services in the Community Pathways Waiver from CMS 372(S) data FY13–15 for all services except: Family Caregiver Training and Empowerment Services, Family and Peer Mentoring Supports (updated from an hourly unit to a 15-minute unit beginning in WY2), and Participant Education, Training and Advocacy Supports. These services are new therefore, the estimates are based on best practices and similar services in Arizona’s Raising Special Kids program. Additionally, Individual and Family Directed Goods and Services units per user are based on FY16 utilization as there is no historic data from the CMS 372. Housing Support Services is a new service so average units per user are estimated at 2 hours per person and updated from an hourly unit to a 15-minute unit beginning in WY2. The average units per user for Nursing Services for Waiver Years 2–5 are estimated at the median of annual unit limits for those services. Behavioral Consultation Services average units per User for WYs 2–5 are based on historical utilization of services in the Community Pathways Waiver from FY17 CMS 372(S) data and updated from an hourly unit to a 15-minute unit. Personal Supports Enhanced Supports is a new service so the average units per user have been estimated to align with Personal Supports utilization in WYs 2–5. Support Broker average units per user has been updated in WYs 3–5 based on historical utilization of services in the Community Pathways Waiver from FY17 CMS 372(S) data. In WY2, units per user for Personal Supports are split between the PCIS system and the LTSS Maryland system as Personal Supports billing is

Appendix J: 4

State:	
Effective Date	

~~expected to transition to LTSS Maryland. Beginning in WY2, Respite Hourly changes to Respite services and units per user are updated from an hourly unit to a 15-minute unit.~~

~~The average costs per unit in Waiver Years 1-5 for Assistive Technology and Services (WY1-2), Environmental Modifications, Transportation, and Vehicle Modifications are based on DDA's average costs and limits for services from the Community Pathways Waiver CMS 372(S) FY13-15. In WYs 3-5, Assistive Technology and Services average cost per unit was updated with utilization data from the Community Pathways Waiver CMS 372(S) FY13-16.~~

~~The average cost per unit of Respite Care Camp is based on the average cost of the service in FY17 and increased by 2% COLA for WYs 1-2. In WYs 3-5, the average cost of the service is based on utilization data from the Community Pathways Waiver CMS 372(S) FY13-16.~~

~~Individual and Family Directed Goods and Services average cost per unit for Waiver Years 1-5 is based on DDA's average costs for services from the Community Pathways Waiver CMS 372(S) FY16 as this is the first year of data for this service.~~

~~The average cost per unit for Support Broker services for WYs 2-5 and Personal Support services in WY 1 are based on DDA's average costs and limits for services from the Community Pathways Waiver CMS 372(S) FY13-15. In WY2, the Personal Support average cost per unit was updated to include actual COLA increases of 3.5% from previous fiscal years.~~

~~The average cost per unit for Family Caregiver Training and Empowerment Services, Family and Peer Mentoring Supports, and Participant Education, Training and Advocacy Supports are based on similar services in Arizona's Raising Special Kids program but applying Maryland cost values to derive the rates for WYs 1-5. The Maryland cost values were provided by Johnston, Villegas-Grubbs and Associates, LLC, the rate setting vendor.~~

~~In WYs 1-2, the average cost per unit for Respite Care Services except for Camp, Behavioral Support Services, Housing Support Services, Environmental Assessments, Nursing Services, and Personal Supports are based on the rate study done by Johnston, Villegas-Grubbs and Associates, LLC using the Brick Method™, which is a structure used to develop standard fees for disability (and other services) that utilizes cost categories and studies their relationship to direct service support costs (the wages of people performing the service). The four standard cost components used in the Brick Method™ that are assumed to be common to all social and medical services are: employment related expenses (ERE), program support, facility cost (Day Habilitation only) and general and administrative. In Maryland, training and transportation components were also studied and used to develop the rates. The foundation of the Brick is the direct support professional wage.~~

~~In WY2, average costs per unit were converted from hourly rates to 15-minute rates for Behavioral Consultation, Respite Hourly (now just Respite), Housing Support Services, and Family and Peer Mentoring and rates were updated to include actual COLA increases of 3.5% from previous fiscal years. Also, the transition from Personal Support services from the prospective payment system to the fee-for-service model is expected in WY2 so the estimates for both payment systems are included.~~

~~In WY3, when billing is expected to transition into LTSS Maryland, the average cost per unit for Respite Care Services, Behavioral Support Services, Housing Support Services, Environmental Assessments, and Nursing Services, and in WY2 for Personal Supports and Personal Supports Enhanced Supports, are based on rates from a vendor, Optumas, contracted to verify and validate~~

Appendix J: 5

State:	
Effective Date	

~~data from the JVGA rate study and adjust rates as needed for new services. Any updated rates are based on their review input from providers and public comment and will be implemented in LTSS Maryland. The rate methodology with included costs components for each service are detailed in Appendix I.2.a and a detailed rate file is available upon request. Additionally, a geographical differentiated rate was proposed in the JVGA rate study that uses the Bureau of Labor Statistics' wages for the Washington, D.C. metro Metropolitan Statistical Area as the basis for the wage. The geographical differentiated rate was factored into the average cost per unit for these services. The average unit cost for these services is estimated to increase by a 2% COLA in Waiver Years 4-5 and in WYs 3-5 for Personal Support services.~~

- ii. **Factor D' Derivation.** The estimates of Factor D' for each waiver year are included in Item J-1. The basis of these estimates is as follows:

~~Factor D' was calculated for Waiver Years 1-5 using based on the actual amount in the FY2020+6 actual MMIS Medicaid expenditures CMS-372(S) report for the Community Pathways Waiver and trended forward using the average inflation rate of 3.5% from the 2019-2021 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. for Community Pathways Waiver participants enrolled in the Waiver at any point in FY2016. This data removes the cost of prescribed drugs under the provisions of part D. The 3.3 percent inflation rate applied to Factor D' is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually by the four year (2013-2016) average increase in Baltimore Washington medical care inflation rate of 3.3%.~~

- iii. **Factor G Derivation.** The estimates of Factor G for each waiver year are included in Item J-1. The basis of these estimates is as follows:

~~The estimated annual average institutional costs that would be incurred for individuals served in the Waiver, were the waiver not granted, are based on actual data from the Community Pathways Waiver CMS 372(S) FY2020+6 report. The 3.53 percent inflation rate applied to Factor G is based on 20193-2021+6 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually for Waiver Years 1-5 by the four year (2013-2016) average increase in Baltimore Washington medical care inflation rate of 3.3%.~~

- iv. **Factor G' Derivation.** The estimates of Factor G' for each waiver year are included in Item J-1. The basis of these estimates is as follows:

~~The estimated annual average per capita Medicaid costs for all other services other than those included in factor G for individuals served in the Waiver, were the waiver not granted, are based on actual data from the Community Pathways Waiver CMS 372(S) FY2020+6 report. The 3.53 percent inflation rate applied to Factor G' is based on 20193-2021+6 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually for Waiver Years 1-5 by the four year (2013-2016) average increase in Baltimore Washington medical care inflation rate of 3.3%.~~

Component management for waiver services. If the service(s) below includes two or more discrete services that are reimbursed separately, or is a bundled service, each component of the service must be listed. Select “*manage components*” to add these components.

Appendix J: 6

State:	
Effective Date	

Waiver Services	
Assistive Technology and Services	
Behavioral Support Services	Assessment, Plan, Consultation, Brief Support Implementation
Environmental Assessments	
Environmental Modifications	
Family Caregiver Training and Empowerment Services	
Family and Peer Mentoring Supports	<u>Family and Peer Mentoring Supports (Hour), Family and Peer Mentoring Supports (15 minutes)</u>
Housing Support Services	Housing Support Services (Hour), Housing Support Services (15 minutes)
Individual and Family Directed Goods and Services	<u>Goods and Services, Staff Recruitment and Advertising</u>
Nursing <u>Support</u> Services	<u>Case Management and Delegation, Consultation, Nursing Support Services</u>
Participant Education, Training, and Advocacy Supports	
Personal Supports	<u>Personal Supports, Personal Supports Enhanced Supports</u>
Respite Care Services	Daily, Hourly, Camp, Respite
Support Broker Services	
Transportation	
Vehicle Modifications	

d. **Estimate of Factor D.** *Select one:* Note: Selection below is new.

<input checked="" type="checkbox"/>	The waiver does not operate concurrently with a §1915(b) waiver. Complete Item J-2-d-i
<input type="checkbox"/>	The waiver operates concurrently with a §1915(b) waiver. Complete Item J-2-d-ii

i. **Estimate of Factor D – Non-Concurrent Waiver.** Complete the following table for each waiver year. Enter data into the Unit, # Users, Avg. Units Per User, and Avg. Cost/Unit fields for all the Waiver Service/Component items. Select Save and Calculate to automatically calculate and populate the Component Costs and Total Costs fields. All fields in this table must be completed in order to populate the Factor D fields in the J-1 Composite Overview table.

Waiver Year: Year 1					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost

Appendix J: 7

State:	
Effective Date	

Assistive Technology and Services	Item	<u>53</u> <u>33</u> <u>+</u>	1	<u>1471.00</u> <u>1,050.36</u>	<u>77,963.00</u> <u>48,543.00</u> <u>1,050.36</u>
Behavioral Supports:					<u>348,817.70</u> <u>215,069.08</u> <u>39,961.66</u>
<i>Assessment</i>	Assessment	<u>61</u> <u>38</u> <u>+</u>	1	<u>1,558.33</u> <u>786.94</u>	<u>95,058.13</u> <u>59,216.54</u> <u>8,656.34</u>
<i>Plan</i>	Plan	<u>61</u> <u>38</u> <u>+</u>	1	<u>1,558.33</u> <u>559.60</u>	<u>95,058.13</u> <u>59,216.54</u> <u>6,155.60</u>
<i>Consultation</i>	Hour	<u>68</u> <u>41</u> <u>40</u>	<u>48</u> <u>2</u>	<u>35.45</u> <u>98.37</u>	<u>115,708.80</u> <u>69,765.60</u> <u>7,869.60</u>
<i>Brief Supports Implementation</i>	15 minutes	<u>48</u> <u>30</u> <u>26</u>	<u>48</u> <u>38</u>	<u>18.66</u> <u>17.49</u>	<u>42,992.64</u> <u>26,870.40</u> <u>17,280.12</u>
Environmental Assessments	Assessment	<u>21</u> <u>13</u> <u>+</u>	1	<u>475.89</u> <u>419.70</u>	<u>9,993.69</u> <u>6,186.57</u> <u>419.70</u>
Environmental Modifications	Item	<u>21</u> <u>13</u> <u>+</u>	1	<u>4,453.00</u> <u>6,543.94</u>	<u>93,513.00</u> <u>57,889.00</u> <u>6,543.94</u>
<u>Family and Peer Mentoring Supports</u>	<u>15 minutes</u>	<u>7</u> <u>5</u>	<u>20</u>	<u>14.84</u>	<u>2,077.60</u> <u>1,484.00</u>
Family and Peer Mentoring Supports	Hour	<u>1</u> <u>100</u>	5	<u>67.66</u> <u>57.54</u>	<u>338.30</u> <u>28,770.00</u>
Family Caregiver Training and Empowerment Services	Item	<u>3</u> <u>2</u> <u>40</u>	1	<u>500.00</u> <u>575.00</u>	<u>1,500.00</u> <u>1,000.00</u> <u>23,000.00</u>
<u>Housing Support Services</u>	<u>15 minutes</u>	<u>1</u>	<u>40</u>	<u>16.62</u>	<u>664.80</u>
Housing Support Services	Hour	<u>1</u> <u>40</u>	<u>10</u> <u>2</u>	<u>70.15</u> <u>49.76</u>	<u>701.50</u> <u>3,980.80</u>
Individual and Family Directed Goods and Services:					<u>37,310.00</u> <u>23,482.00</u> <u>1,100.00</u>
<i>Goods and Services</i>	Items & Services	<u>11</u> <u>7</u> <u>+</u>	4	<u>446.00</u> <u>220.00</u>	<u>19,624.00</u> <u>12,488.00</u> <u>880.00</u>
<i>Staff Recruitment and Advertising</i>	Items & Services	<u>37</u> <u>23</u> <u>+</u>	1	<u>478.00</u> <u>220.00</u>	<u>17,686.00</u> <u>10,994.00</u> <u>220.00</u>
<u>Nursing Support Services</u>	<u>15 minutes</u>	<u>110</u> <u>69</u>	<u>60</u>	<u>25.21</u>	<u>166,386.00</u> <u>104,369.40</u>
Participant Education, Training, and Advocacy Supports	Item	<u>2</u> <u>+</u> <u>40</u>	1	<u>500.00</u> <u>575.00</u>	<u>1,000.00</u> <u>500.00</u> <u>23,000.00</u>

Appendix J: 8

State:	
Effective Date	

					<u>17,994,837.20</u>
<u>Personal Supports:</u>					<u>11,729,330.80</u>
		<u>375</u>			<u>14,090,850.00</u>
		<u>245</u>	<u>3460</u>	<u>10.86</u>	<u>9,206,022.00</u>
<i>Personal Supports</i>	15 minutes	<u>320</u>	<u>1664</u>	<u>7.83</u>	<u>4,169,318.40</u>
<u>Personal Supports</u>		<u>82</u>			<u>3,903,987.20</u>
<u>Enhanced Support</u>		<u>53</u>	<u>3460</u>	<u>13.76</u>	<u>2,523,308.80</u>
<u>Respite Care Service Hour</u>	<u>Hour</u>	<u>15</u>	<u>350</u>	<u>33.47</u>	<u>175,717.50</u>
Respite Care Services:					<u>2,334,749.40</u>
					<u>1,406,543.20</u>
					<u>253,799.20</u>
		<u>171</u>			<u>1,886,472.00</u>
	<u>Hour</u>	<u>102</u>	<u>1400</u>	<u>7.88</u>	<u>1,125,264.00</u>
<i>Hourly Respite</i>	<u>15 minutes</u>	<u>40</u>	<u>88</u>	<u>20.13</u>	<u>70,857.60</u>
		<u>38</u>			<u>168,085.40</u>
		<u>24</u>	<u>10</u>	<u>442.33</u>	<u>106,159.20</u>
<i>Daily</i>	Day	<u>40</u>	<u>11</u>	<u>322.14</u>	<u>141,741.60</u>
		<u>88</u>			<u>280,192.00</u>
		<u>55</u>		<u>3,184.00</u>	<u>175,120.00</u>
<i>Camp</i>	Item	<u>40</u>	1	<u>1,030.00</u>	<u>41,200.00</u>
		<u>149</u>			<u>468,456.00</u>
		<u>9</u>	<u>12</u>	<u>262.00</u>	<u>292,392.00</u>
Support Broker Services	Hour	<u>8</u>	<u>104</u>	<u>46.52</u>	<u>38,704.64</u>
		<u>22</u>			<u>44,616.00</u>
		<u>14</u>	<u>12</u>	<u>169.00</u>	<u>28,392.00</u>
Transportation	Item	<u>40</u>	<u>208</u>	<u>10.00</u>	<u>83,200.00</u>
		<u>8</u>			<u>74,960.00</u>
		<u>5</u>		<u>9,370.00</u>	<u>46,850.00</u>
Vehicle Modifications	Item	<u>1</u>	1	<u>12,442.00</u>	<u>12,442.00</u>
GRAND TOTAL:					<u>\$ 21,833,601.69</u>
					<u>\$ 14,139,453.15</u>
					<u>4,685,290.70</u>
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					<u>525</u>
					<u>400</u>
FACTOR D (Divide grand total by number of participants)					<u>\$ 41,587.81</u>
					<u>\$ 35,348.63</u>
					<u>\$ 11,713.23</u>
AVERAGE LENGTH OF STAY ON THE WAIVER					<u>332</u>
					<u>355</u>

Waiver Year: Year 2					
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost

Appendix J: 9

State:	
Effective Date	

Assistive Technology and Services	Item	53 33 2	1	1,471.00 1,050.36	77,963.00 48,543.00 -2,100.72
Behavioral Supports:					361,016.54 222,590.44 -153,791.00
Assessment	Assessment	61 38 12	1	1,612.87 876.71	98,385.07 61,289.06 -10,520.52
Plan	Plan	61 38 12	1	1,612.87 876.71	98,385.07 61,289.06 -10,520.52
Consultation	Hour	68 41 42	48 86	36.69 27.39	119,756.16 72,205.92 -98,932.68
Brief Supports Implementation	15 minutes	48 30 28	48 62	19.31 19.48	44,490.24 27,806.40 -33,817.28
Environmental Assessments	Assessment	21 13 2	1	492.55 467.57	10,343.55 6,403.15 -935.14
Environmental Modifications	Item	21 13 2	1	4,453.00 6,543.94	93,513.00 57,889.00 -13,087.88
Family and Peer Mentoring Supports	15 minutes	7 5 40	20 10	15.36 16.03	2,150.40 1,536.00 -6412.00
Family and Peer Mentoring Supports	Hour	1 40	5 2	70.03 64.10	350.15 5128
Family Caregiver Training and Empowerment Services	Item	3 2 40	1	500.00 538.00	1,500.00 1,000.00 21,520.00
Housing Support Services	15 minutes	1 40	40 4	17.20 13.86	688.00 2217.60
Housing Support Services	Hour	1 40	10 1	72.61 55.43	726.10 2217.20
Individual and Family Directed Goods and Services:					41,006.00 26,222.00 -2,260.00
Goods and Services	Items & Services	12 8 2	4	446.00 220.00	21,408.00 14,272.00 -1,760.00
Staff Recruitment and Advertising	Items & Services	41 25 2	1	478.00 250.00	19,598.00 11,950.00 -500.00
Nursing:					480,304.64
Nursing Case Management and Delegation Services	15 minutes	16	973	20.12	313,228.16

Appendix J: 10

State:	
Effective Date	

<i>Nursing Consultation</i>	15 minutes	16	32	20.12	10,301.44
		<u>110</u>			<u>172,194.00</u>
Nursing Support Services	15 minutes	69	60	26.09	108,012.60
		16	487	20.12	-156,775.04
Participant Education, Training, and Advocacy Supports	Item	<u>2</u>		500.00	1,000.00
		1	1	538.00	500.00
		40			-21520.00
Personal Supports:					<u>18,624,072.80</u>
					12,139,479.20
					-1,400,672.00
<i>Personal Supports PCIS</i>	15 minutes	100	832	9.71	807,872.00
		<u>375</u>			<u>14,583,900.00</u>
<i>Personal Supports LTSS</i>	15 minutes	245	3460	11.24	9,528,148.00
		100	832	6.53	-543,296.00
<i>Personal Supports Enhanced Support</i>	15 minutes	<u>82</u>			<u>4,040,172.80</u>
		5	3460	14.24	2,611,331.20
		5	832	11.90	-49,504.00
<u>Respite Care Services</u>		<u>7</u>			<u>84,868.00</u>
<u>Hourly</u>	<u>Hour</u>	15	350	34.64	181,860.00
		40	80	22.42	71,744.00
Respite Care Services:					<u>2,499,055.80</u>
					1,450,242.40
					-346,312.00
<i>Hourly</i>	<i>Hour</i>	40	80	22.42	71,744.00
		<u>179</u>			<u>2,044,896.00</u>
<i>Respite</i>	15 minutes	102		8.16	1,165,248.00
		40	320	5.61	-71,808.00
		<u>38</u>			<u>173,967.80</u>
<i>Daily</i>	Day	24		457.81	109,874.40
		40	10	401.80	-160,720.00
		<u>88</u>			<u>280,192.00</u>
<i>Camp</i>	Item	55		3,184.00	175,120.00
		40	1	1,051.00	-42,040.00
Support Broker Services	Item	<u>164</u>			<u>515,616.00</u>
		102	12	262.00	320,688.00
		9	63	45.95	-26,053.65
Transportation	Item	<u>22</u>			<u>44,616.00</u>
		14	12	169.00	28,392.00
		40	208	10.00	83,200.00
Vehicle Modifications	Item	<u>8</u>			<u>74,960.00</u>
		5		9,370.00	46,850.00
		2	1	12,442.00	-24,884.00
GRAND TOTAL:					\$ 22,605,639.34
					\$ 14,641,972.04
					\$2,592,615.83
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					<u>525</u>
					400

Appendix J: 11

State:	
Effective Date	

	\$ 43,058.36
	\$ 36,604.93
FACTOR D (Divide grand total by number of participants)	\$6,481.54
AVERAGE LENGTH OF STAY ON THE WAIVER	<u>332</u> 355

Waiver Year: Year 3					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	<u>53</u>			<u>77,963.00</u>
		<u>33</u>		<u>1,471.00</u>	<u>48,543.00</u>
		<u>3</u>	1	<u>1050.36</u>	<u>3,151.08</u>
Behavioral Supports:					<u>373,648.08</u>
					<u>230,378.88</u>
					<u>-178,042.78</u>
Assessment	Assessment	<u>61</u>			<u>101,828.52</u>
		<u>38</u>		<u>1,669.32</u>	<u>63,434.16</u>
		<u>13</u>	1	<u>1,332.39</u>	<u>-17,321.07</u>
Plan	Plan	<u>61</u>			<u>101,828.52</u>
		<u>38</u>		<u>1,669.32</u>	<u>63,434.16</u>
		<u>13</u>	1	<u>1,332.39</u>	<u>-17,321.07</u>
Consultation	15 minutes	<u>68</u>			<u>123,934.08</u>
		<u>41</u>	<u>48</u>	<u>37.97</u>	<u>74,724.96</u>
		<u>44</u>	<u>86</u>	<u>30.18</u>	<u>-114,201.12</u>
Brief Supports Implementation	15 minutes	<u>48</u>			<u>46,056.96</u>
		<u>30</u>	<u>48</u>	<u>19.99</u>	<u>28,785.60</u>
		<u>29</u>	<u>62</u>	<u>16.24</u>	<u>-29,199.52</u>
Environmental Assessments	Assessment	<u>21</u>			<u>10,705.59</u>
		<u>13</u>		<u>509.79</u>	<u>6,627.27</u>
		<u>3</u>	1	<u>415.39</u>	<u>1,246.17</u>
Environmental Modifications	Item	<u>21</u>			<u>93,513.00</u>
		<u>13</u>		<u>4,453.00</u>	<u>57,889.00</u>
		<u>3</u>	1	<u>6,543.94</u>	<u>-19,631.83</u>
Family and Peer Mentoring Supports	15 minutes	<u>8</u>			<u>2,544.00</u>
		<u>6</u>		<u>15.90</u>	<u>1,908.00</u>
		<u>40</u>	20	<u>15.41</u>	<u>12,328.00</u>
<u>Family and Peer Mentoring Supports</u>	<u>Hour</u>	<u>0</u>	<u>5</u>	<u>72.48</u>	<u>-</u>
Family Caregiver Training and Empowerment Services	Item	<u>3</u>			<u>1,500.00</u>
		<u>2</u>		<u>500.00</u>	<u>1,000.00</u>
		<u>40</u>	1	<u>538.00</u>	<u>21,520.00</u>
Housing Support Services	15 minutes	<u>2</u>	<u>40</u>	<u>17.80</u>	<u>1,424.00</u>
		<u>40</u>	<u>8</u>	<u>15.27</u>	<u>4,886.40</u>
		<u>0</u>	<u>10</u>	<u>75.15</u>	<u>-</u>

Appendix J: 12

State:	
Effective Date	

Individual and Family Directed Goods and Services:					44,702.00 29,440.00 2,260.00
<i>Goods and Services</i>	Items & Services	13 9 2	4	446.00 220.00	23,192.00 16,056.00 1,760.00
<i>Staff Recruitment and Advertising</i>	Items & Services	45 28 2	1	478.00 250.00	21,510.00 13,384.00 500.00
Nursing Support Services	15 minutes	110 69 16	60 1460	27.00 22.17	178,200.00 111,780.00 -517,891.20
Participant Education, Training, and Advocacy Supports	Item	2 1 40	1	500.00 538.00	1,000.00 500.00 21,520.00
Personal Supports:					19,271,957.80 12,909,329.20 2,447,710.72
<i>Personal Supports</i>	15 minutes	375 245 140	3460 1664	11.63 12.04 9.90	15,089,925.00 10,206,308.00 2,306,304.00
<i>Personal Supports Enhanced Support</i>	15 minutes	82 53 7	3460 1664	14.74 12.14	4,182,032.80 2,703,021.20 141,406.72
<u>Respite Care Services Hourly</u>	<u>Hour</u>	0	350	35.85	=
Respite Care Services:					2,660,627.40 1,672,949.20 373,956.00
<i>Respite</i>	15 minutes	186 117 40	1400 640	8.45 6.83	2,200,380.00 1,384,110.00 174,848.00
<i>Daily</i>	Day	38 24 40	10	473.83 393.97	180,055.40 113,719.20 -157,588.00
<i>Camp</i>	Item	88 55 40	1	3,184.00 1038.00	280,192.00 175,120.00 -41,520.00
Support Broker	Item	180 112 11	12 63	262.00 45.95	565,920.00 352,128.00 -31,843.35
Transportation	Item	22 14 40	12 208	169.00 10.00	44,616.00 28,392.00 -83,200.00
Vehicle Modifications	Item	8 5 3	1	9,370.00 12,442.00	74,960.00 46,850.00 -37,326.00
GRAND TOTAL:					\$ 23,403,280.87 \$ 15,499,138.55

Appendix J: 13

State:	
Effective Date	

	3,756,513.53
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)	<u>525</u> 400
FACTOR D (Divide grand total by number of participants)	\$ <u>44,577.68</u> <u>\$ 38,747.85</u> \$ 9,391.28
AVERAGE LENGTH OF STAY ON THE WAIVER	<u>332</u> 355

Waiver Year: Year 4 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	<u>53</u>	1	<u>1,471.00</u>	77,963.00
		<u>33</u>			48,543.00
		<u>5</u>			<u>1,050.36</u> -5,251.80
Behavioral Support Services:					386,730.46
					238,445.00
		-			-190,620.40
Assessment	Assessment	<u>61</u>	1	<u>1,727.75</u>	105,392.75
		<u>38</u>			65,654.50
		<u>14</u>			<u>1,359.04</u> -19,026.56
Plan	Plan	<u>61</u>	1	<u>1,727.75</u>	105,392.75
		<u>38</u>			65,654.50
		<u>14</u>			<u>1,359.04</u> -19,026.56
Consultation	15 minutes	<u>68</u>	<u>48</u>	<u>39.30</u>	128,275.20
		<u>41</u>	<u>86</u>		77,342.40
		<u>46</u>			<u>30.78</u> -121,765.68
Brief Supports Implementation	15 minutes	<u>48</u>	<u>48</u>	<u>20.69</u>	47,669.76
		<u>30</u>	<u>62</u>		29,793.60
					<u>16.56</u> -30,801.60
Environmental Assessments	Assessment	<u>21</u>	1	<u>527.63</u>	11,080.23
		<u>13</u>			6,859.19
		<u>5</u>			<u>423.70</u> -2,118.50
Environmental Modifications	Item	<u>21</u>	1	<u>4,453.00</u>	93,513.00
		<u>13</u>			57,889.00
		<u>5</u>			<u>6,543.94</u> -32,719.70
Family and Peer Mentoring Supports	15 minutes	<u>8</u>	20	<u>16.46</u>	2,633.60
		<u>6</u>			2,044.80
		<u>40</u>			<u>17.04</u> <u>15.72</u> -12,576.00
Family and Peer Mentoring Supports	Hour	<u>0</u>	<u>5</u>	<u>75.02</u>	-
Family Caregiver Training and Empowerment Services	Item	<u>3</u>	1	<u>500.00</u>	1,500.00
		<u>2</u>			1,000.00
		<u>40</u>			<u>538.00</u> -21,520.00

Appendix J: 14

State:	
Effective Date	

Housing Support Services	15 minutes	<u>2</u> 40	<u>40</u> 8	<u>18.42</u> 15.58	<u>1,473.60</u> 4,985.60
<u>Housing Support Services</u>	<u>Hour</u>	<u>0</u>	<u>10</u>	<u>77.78</u>	<u>-</u>
Individual and Family Directed Goods and Services					<u>50,182.00</u> 32,658.00 -3,390.00
<i>Goods and Services</i>	Items & Services	<u>15</u> 40 <u>3</u>	4	<u>446.00</u> 220.00	<u>26,760.00</u> 17,840.00 -2,640.00
<i>Staff Recruitment and Advertising</i>	Items & Services	<u>49</u> 34 <u>3</u>	1	<u>478.00</u> 250.00	<u>23,422.00</u> 14,818.00 -750.00
Nursing Support Services	15 minutes	<u>110</u> 69 <u>16</u>	<u>60</u> 1460	<u>27.95</u> 22.61	<u>184,470.00</u> 119,770.20 528,169.60
Participant Education, Training, and Advocacy Supports	Item	<u>2</u> 1 <u>40</u>	1	<u>500.00</u> 538.00	<u>1,000.00</u> 500.00 -21,520.00
Personal Supports					<u>19,951,467.20</u> 13,360,720.80 3,210,554.88
<i>Personal Supports</i>	15 minutes	<u>375</u> 245 <u>180</u>	<u>3460</u> 1664	<u>12.04</u> 12.46 <u>10.10</u>	<u>15,621,900.00</u> 10,562,342.00 3,025,152.00
<i>Personal Supports Enhanced Supports</i>	15 minutes	<u>82</u> 5 <u>9</u>	<u>3460</u> 1664	<u>15.26</u> 12.38	<u>4,329,567.20</u> 2,798,378.80 -185,402.88
<u>Respite Care Services Hourly</u>	<u>Hour</u>	<u>0</u>	<u>350</u>	<u>37.10</u>	<u>-</u>
Respite Care Services:					<u>2,745,047.80</u> 1,542,318.40 -380,692.00
<i>Respite</i>	15 minutes	<u>186</u> 102 <u>40</u>	<u>1400</u> 640	<u>8.75</u> 6.97	<u>2,278,500.00</u> 1,249,500.00 -178,432.00
<i>Daily</i>	Day	<u>38</u> 24 <u>40</u>	10	<u>490.41</u> 401.85	<u>186,355.80</u> 117,698.40 -160,740.00
<i>Camp</i>	Item	<u>88</u> 55 <u>40</u>	1	<u>3,184.00</u> 1,038.00	<u>280,192.00</u> 175,120.00 -41,520.00
Support Broker Services	Item	<u>198</u> 123 <u>12</u>	<u>12</u> 63	<u>262.00</u> 45.95	<u>622,512.00</u> 386,712.00 -37,738.20
Transportation	Item	<u>22</u> 14 <u>40</u>	<u>12</u> 208	<u>169.00</u> 10.00	<u>44,616.00</u> 28,392.00 -83,200.00
Vehicle Modifications	Item	<u>8</u> 5	1	<u>9,370.00</u> 12,442.00	<u>74,960.00</u> 46,850.00

Appendix J: 15

State:	
Effective Date	

	7			-62,210.00
GRAND TOTAL:				<u>\$ 24,249,148.89</u> \$ 15,870,118.79 \$4,594,266.68
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)				<u>525</u> 400
FACTOR D (Divide grand total by number of participants)				\$ 46,188.86 \$ 39,675.30 \$ 11,485.67
AVERAGE LENGTH OF STAY ON THE WAIVER				<u>332</u> 355

Waiver Year: Year 5 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/Unit	Total Cost
Assistive Technology and Services	Item	53	1	1,471.00	77,963.00
		33			48,543.00
		7			-7,352.52
Behavioral Support Services:		-			400,271.00
		-			246,793.36
		-			-204,643.52
Assessment	Assessment	61	1	1,788.22	109,081.42
		38			67,952.36
		14			-19,407.48
Plan	Plan	61	1	1,788.22	109,081.42
		38			67,952.36
		14			-19,407.48
Consultation	15 minutes	68	48	40.68	132,779.52
		41			80,058.24
		49			-132,319.60
Brief Supports Implementation	15 minutes	48	48	21.41	49,328.64
		30			30,830.40
		32			-33,509
Environmental Assessments	Assessment	21	1	546.10	11,468.10
		13			7,099.30
		7			-3,025.19
Environmental Modifications	Item	21	1	4,453.00	93,513.00
		13			57,889.00

Appendix J: 16

State:	
Effective Date	

		7			-45,807.58
Family and Peer Mentoring Supports	15 minutes	8 6 40	20	17.04 17.64 16.03	<u>2,726.40</u> <u>2,116.80</u> <u>-12,824.00</u>
<u>Family and Peer Mentoring Supports</u>	<u>Hour</u>	<u>0</u>	<u>5</u>	<u>77.65</u>	-
Family Caregiver Training and Empowerment Services	Item	3 2 40	1	500.00 538.00	<u>1,500.00</u> <u>1,000.00</u> <u>21,520.00</u>
Housing Support Services	15 minutes	2 40	40 8	19.06 15.89	<u>1,524.80</u> <u>5,084.80</u>
<u>Housing Support Services</u>	<u>Hour</u>	<u>0</u>	<u>10</u>	<u>80.50</u>	-
Individual and Family Directed Goods and Services					<u>54,356.00</u> <u>35,876.00</u> <u>-5,650.00</u>
<i>Goods and Services</i>	Items & Services	16 11 5	4	446.00 220.00	<u>28,544.00</u> <u>19,624.00</u> <u>-4,400.00</u>
<i>Staff Recruitment and Advertising</i>	Items & Services	54 34 5	1	478.00 250.00	<u>25,812.00</u> <u>16,252.00</u> <u>1,250.00</u>
Nursing Support Services	15 minutes	110 69 16	60 1460	28.93 23.06	<u>190,938.00</u> <u>119,770.20</u> <u>-538,681.60</u>
Participant Education, Training, and Advocacy Supports	Items	2 1 40	1	500.00 538.00	<u>1,000.00</u> <u>500.00</u> <u>-21,520.00</u>
Personal Supports:					<u>20,646,788.80</u> <u>13,830,900.20</u> <u>4,001,803.52</u>
<i>Personal Supports</i>	15 minutes	375 245 220	3460 1664	12.46 12.90 10.30	<u>16,166,850.00</u> <u>10,935,330.00</u> <u>3,770,624.00</u>
<i>Personal Supports Enhanced Supports</i>	15 minutes	82 53 11	3460 1664	15.79 12.63	<u>4,479,938.80</u> <u>2,895,570.20</u> <u>-231,179.52</u>
<u>Respite Care Services Hourly</u>	<u>Hour</u>	<u>0</u>	<u>350</u>	<u>38.40</u>	-
Respite Care Services:					<u>2,832,292.60</u> <u>1,590,704.80</u> <u>-387,492.00</u>
<i>Respite</i>	15 minutes	186 102 40	1400 640	9.06 7.11	<u>2,359,224.00</u> <u>1,293,768.00</u> <u>-182,016.00</u>
<i>Daily</i>	Day	38 24 40	10	507.57 409.89	<u>192,876.60</u> <u>121,816.80</u> <u>-163,956.00</u>

Appendix J: 17

State:	
Effective Date	

		<u>88</u>			<u>280,192.00</u>
		<u>55</u>		<u>3,184.00</u>	<u>175,120.00</u>
<i>Camp</i>	Item	<u>40</u>	1	<u>1,038.00</u>	<u>-41,520.00</u>
		<u>218</u>			<u>685,392.00</u>
		<u>135</u>	<u>12</u>	<u>262.00</u>	<u>424,440.00</u>
Support Broker Services	Item	<u>14</u>	<u>63</u>	<u>45.95</u>	<u>-40,527.90</u>
		<u>22</u>			<u>44,616.00</u>
		<u>14</u>	<u>12</u>	<u>169.00</u>	<u>28,392.00</u>
Transportation	Item	<u>40</u>	<u>208</u>	<u>10.00</u>	<u>-83,200.00</u>
		<u>8</u>			<u>74,960.00</u>
		<u>5</u>		<u>9,370.00</u>	<u>46,850.00</u>
Vehicle Modifications	Item	<u>7</u>	1	<u>12,442.00</u>	<u>-87,094.00</u>
GRAND TOTAL:					<u>\$ 25,119,309.70</u>
					<u>\$16,442,399.46</u>
					<u>\$ 5,466,226.63</u>
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					<u>525</u>
					<u>400</u>
FACTOR D (Divide grand total by number of participants)					<u>\$ 47,846.30</u>
					<u>\$ 41,106.00</u>
					<u>\$13,665.57</u>
AVERAGE LENGTH OF STAY ON THE WAIVER					<u>332</u>
					<u>355</u>

Appendix J: 18

State:	
Effective Date	