

Appendix J: Cost Neutrality Demonstration

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-2-d Estimate of Factor D tables. Col. 2 fields will be populated ONLY when the Estimate of Factor D tables in J-2-d have been completed.

Level(s) of Care: 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 (Col 7 less Column4)
1	32471.87	9651.52	42123.39	192254.89	6598.05	198852.94	156729.55
2	42587.25	13091.00	55678.25	211761.00	11650.00	223411.00	167732.75
3	52574.51	13483.00	66057.51	214937.00	11999.00	226936.00	160878.49
4	54750.69	13888.00	68638.69	218161.00	12359.00	230520.00	161881.31
5	56936.90	14304.00	71240.90	221434.00	12730.00	234164.00	162923.10

Appendix J: Cost Neutrality Demonstration

J-2: Derivation of Estimates (1 of 9)

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 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)	Distribution of Unduplicated Participants by Level of Care (if applicable)	
		Level of Care:	
		ICF/IID	
Year 1	683		683
Year 2	683		683
Year 3	590		590
Year 4	606		606
Year 5	622		622

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J-2: Derivation of Estimates (2 of 9)

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 the OBRA waiver, as outlined in Appendix J-2, was projected based on a review of historical Medicaid waiver enrollee durational patterns for individuals enrolled in Office of Long-Term Living's (OLTL's) OBRA waiver.

Starting January 1, 2018, the Community HealthChoices (CHC) program began implementation (effective January 1, 2018 in the Southwest Zone, effective January 1, 2019 in the Southeast Zone and effective January 1, 2020 in the Lehigh/Capital, Northeast and Northwest Zones). As such, portions of the OBRA waiver-eligible population became eligible for the CHC waiver over the SFY 2018 through SFY 2020 OBRA waiver projection periods, causing unpredictable average length of stay patterns. To reflect the average length of stay after the statewide CHC integration as of January 1, 2020, members that ultimately enrolled into the CHC waiver were removed from average length of stay calculations.

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J-2: Derivation of Estimates (3 of 9)

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 and methodology for these estimates is as follows:

Appendix J-2 Factor D projections were derived from actual Medicaid waiver user, service utilization and cost data from July 2018 – June 2019. The data was limited to participants within the OBRA waiver, removing members that became eligible for and transitioned to the CHC waiver. Additionally, the data was adjusted to reflect that certain Home Adaptations, such as stair lifts/glides and accessibility ramps, are expected to be covered under the State Plan Amendment during Waiver Years 1-5. This resulted in a reduction in the estimated Home Adaptation user count.

For Waiver Years 1 - 5, unit costs were trended forward for all services using a 1.0% annual inflation factor. Unit per user values were trended at 2.0% annually for all services except personal assistance, where units were trended at 4.0% annually. These factors were based on a review of historical utilization and cost increases within the Commonwealth of Pennsylvania.

Effective January 1, 2022, OLTL will implement a fee increase for personal assistance services of 8.0%. This change is reflected for 6 months of SFY 2022 and for the full year from SFY 2023 through SFY 2026 (i.e., Waiver Years 2–5), and is in addition to the Factor D inflation factor assumptions described above.

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 derived from actual July 2018 – June 2019 Medicaid acute medical and behavioral health service costs for participants within the OBRA waiver, excluding members that became eligible for and transitioned to the CHC waiver. Continued growth in utilization of acute care services by the OBRA population as well as the limitation to individuals who remained in the OBRA waiver after the statewide implementation of CHC are factors in the overall increase in Factor D' values compared to the prior SFY 2017 – SFY 2021 OBRA waiver projections.

Factor D' was calculated by dividing the actual costs for these services by the count of unique OBRA waiver participants. The costs of prescribed drugs that will be furnished to Medicare/Medicaid dual eligibles under the provisions of Part D have been excluded. Per capita costs were trended forward using a 3.0% annual inflation factor. This factor was based on a review of historical cost increases for similar services within the Commonwealth of Pennsylvania.

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:

Factor G was derived from a review of July 2018 – June 2019 Medicaid nursing facility service utilization and cost data for individuals identified as being in an Intermediate Care Facility for Persons with an Other Related Condition (ICF/ORC), whom OLTL determined represented a comparable peer group to OBRA waiver participants. The peer group does not include short-term nursing facility stays less than 100 days, or residents admitted to nursing facilities for short-term admissions, resulting in a small number of ICF/ORC residents and volatile claims cost. For Waiver Years 1-5, costs were trended forward using a 1.5% annual inflation factor. This factor was based on a review of historical cost increases for nursing facility services.

- 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:

For the ICF/ORC individuals whom OLTL determined represent a comparable peer group to OBRA waiver participants (as mentioned in Factor G), Factor G' was derived by analyzing these individuals' associated non-nursing facility Medicaid service utilization and costs during the time period from July 2018 – June 2019. As noted in Factor G, this comparable peer group is comprised of a small number of residents which can result in volatile claim costs. The costs of prescribed drugs that will be furnished to Medicare/Medicaid dual eligibles under the provisions of Part D have been excluded. These costs were trended forward using a 3.0% inflation rate. This factor was based on a review of historical cost increases for similar services within the Commonwealth of Pennsylvania.

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J-2: Derivation of Estimates (4 of 9)

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.

Waiver Services	
Adult Daily Living	
Employment Skills Development	
Job Coaching (Intensive and Extended Follow-along)	
Personal Assistance Services	
Residential Habilitation Services	
Respite	
Service Coordination	
Structured Day Habilitation Services	
Behavior Therapy Services	
Nursing Services	
Occupational Therapy	
Physical Therapy Services	
Specialized Medical Equipment and Supplies	
Speech and Language Therapy Services	
Assistive Technology	
Benefits Counseling	
Career Assessment	
Cognitive Rehabilitation Therapy Services	
Community Integration	
Community Transition Services	
Counseling Services	
Home Adaptations	
Job Finding	
Non-Medical Transportation	

Waiver Services	
Nutritional Consultation	
Personal Emergency Response System	
Vehicle Modifications	

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J-2: Derivation of Estimates (5 of 9)

d. Estimate of Factor D.

i. 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	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:						160631.82
Basic Half Day	Half Day	4	174.00	58.17	40486.32	
Enhanced Half Day	Half Day	1	1.00	37.51	37.51	
Enhanced Day	Full Day	2	3.18	75.01	477.06	
Basic Day	Full Day	17	115.99	60.67	119630.93	
Employment Skills Development Total:						317521.40
Employment Skills Development	15 Min	20	2359.00	6.73	317521.40	
Job Coaching (Intensive and Extended Follow- along) Total:						144459.72
Job Coaching (Intensive and Extended Follow- along)	15 Min	18	739.00	10.86	144459.72	
Personal Assistance Services Total:						10638932.07
Agency	15 Min	232	7658.00	4.85	8616781.60	
Participant-Directed	15 Min	80	7242.00	3.45	1998792.00	
CSLA	15 Min	2	2312.72	5.05	23358.47	
Residential Habilitation Services Total:						3932096.55
GRAND TOTAL:						22178290.11
Total Estimated Unduplicated Participants:						683
Factor D (Divide total by number of participants):						32471.87
Average Length of Stay on the Waiver:						269

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Residential Habilitation Enhanced 2:1	Hour	3	352.68	19.62	20758.74	
Residential Habilitation Enhanced 1:1	Hour	16	1653.00	19.75	522348.00	
Residential Habilitation Unlicensed	Per Diem	23	327.00	269.93	2030143.53	
Residential Habilitation Licensed	Per Diem	18	297.00	254.18	1358846.28	
Respite Total:						21661.88
Participant-Directed	15 Min	3	838.00	3.78	9502.92	
Agency	15 Min	4	674.00	4.51	12158.96	
Service Coordination Total:						1490579.20
Service Coordination	15 Min	683	110.00	19.84	1490579.20	
Structured Day Habilitation Services Total:						1015721.27
Structured Day Habilitation - Enhanced 1:1	Hour	17	46.00	19.62	15342.84	
Structured Day Habilitation	Hour	35	827.00	34.56	1000339.20	
Structured Day Habilitation - Enhanced 2:1	Hour	1	1.00	39.23	39.23	
Behavior Therapy Services Total:						205592.31
Behavior Therapy Services	15 Min	29	341.00	20.79	205592.31	
Nursing Services Total:						2674889.14
Nursing Services	15 Min	34	6391.00	12.31	2674889.14	
Occupational Therapy Total:						6450.87
Occupational Therapy	15 Min	3	101.00	21.29	6450.87	
Physical Therapy Services Total:						303.00
Physical Therapy Services	15 Min	1	15.00	20.20	303.00	
Specialized Medical Equipment and Supplies Total:						1956.96
Specialized Medical					1956.96	
GRAND TOTAL:					22178290.11	
Total Estimated Unduplicated Participants:					683	
Factor D (Divide total by number of participants):					32471.87	
Average Length of Stay on the Waiver:						269

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Equipment and Supplies	Per Purchase	9	4.00	54.36		
Speech and Language Therapy Services Total:						629.88
Speech and Language Therapy Services	15 Min	1	29.00	21.72	629.88	
Assistive Technology Total:						801.43
Assistive Technology	Per Purchase	1	1.33	602.58	801.43	
Benefits Counseling Total:						1331.10
Benefits Counseling	15 Min	9	15.00	9.86	1331.10	
Career Assessment Total:						12.67
Career Assessment	15 Min	1	1.00	12.67	12.67	
Cognitive Rehabilitation Therapy Services Total:						953100.00
Cognitive Rehabilitation Therapy Services	15 Min	75	900.00	14.12	953100.00	
Community Integration Total:						17553.36
Community Integration	15 Min	4	671.00	6.54	17553.36	
Community Transition Services Total:						2883.35
Community Transition Services	Per Purchase	1	2.24	1287.21	2883.35	
Counseling Services Total:						206.32
Counseling Services	15 Min	1	17.44	11.83	206.32	
Home Adaptations Total:						340588.30
Home Adaptations	Per Adaptation	19	1.00	17925.70	340588.30	
Job Finding Total:						11291.10
Job Finding	15 Min	5	183.00	12.34	11291.10	
Non-Medical Transportation Total:						87652.18
Non-Medical Transportation	Per Trip	47	22.00	84.77	87652.18	
GRAND TOTAL: Total Estimated Unduplicated Participants: Factor D (Divide total by number of participants): Average Length of Stay on the Waiver:						22178290.11 683 32471.87 269

Waiver Service/Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Nutritional Consultation Total:						13.77
Nutritional Consultation	15 Min	1	1.00	13.77	13.77	
Personal Emergency Response System Total:						47992.56
Personal Emergency Response System	Monthly	147	8.00	40.81	47992.56	
Vehicle Modifications Total:						103437.90
Vehicle Modifications	Per Adaptation	3	1.00	34479.30	103437.90	
GRAND TOTAL:						22178290.11
Total Estimated Unduplicated Participants:						683
Factor D (Divide total by number of participants):						32471.87
Average Length of Stay on the Waiver:						269

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J-2: Derivation of Estimates (6 of 9)

d. Estimate of Factor D.

i. 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 2

Waiver Service/Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:						133865.72
Basic Half Day	Half Day	1	93.84	30.20	2833.97	
Enhanced Half Day	Half Day	1	1.02	37.89	38.65	
Enhanced Day	Full Day	2	3.25	75.76	492.44	
Basic Day	Full Day	18	118.31	61.28	130500.66	
Employment Skills Development Total:						725034.00
Employment Skills Development	15 Min	34	3113.07	6.85	725034.00	
Job Coaching (Intensive and Extended Follow-along) Total:						520691.85
GRAND TOTAL:						29087092.35
Total Estimated Unduplicated Participants:						683
Factor D (Divide total by number of participants):						42587.25
Average Length of Stay on the Waiver:						339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Job Coaching (Intensive and Extended Follow- along)	15 Min	32	1494.18	10.89	520691.85	
Personal Assistance Services Total:						12284398.95
Agency	15 Min	207	7611.60	5.26	8287662.31	
Participant-Directed	15 Min	125	8447.30	3.76	3970231.00	
CSLA	15 Min	2	2405.23	5.51	26505.63	
Residential Habilitation Services Total:						6119243.77
Residential Habilitation Enhanced 2:1	Hour	4	359.74	19.82	28520.19	
Residential Habilitation Enhanced 1:1	Hour	18	2841.19	19.99	1022316.99	
Residential Habilitation Unlicensed	Per Diem	35	306.63	275.04	2951743.03	
Residential Habilitation Licensed	Per Diem	26	315.69	257.88	2116663.57	
Respite Total:						31739.70
Participant-Directed	15 Min	7	1046.44	3.91	28641.06	
Agency	15 Min	2	242.46	6.39	3098.64	
Service Coordination Total:						1111842.73
Service Coordination	15 Min	569	96.83	20.18	1111842.73	
Structured Day Habilitation Services Total:						1893217.43
Structured Day Habilitation - Enhanced 1:1	Hour	12	224.37	19.82	53364.16	
Structured Day Habilitation	Hour	60	878.36	34.91	1839812.86	
Structured Day Habilitation - Enhanced 2:1	Hour	1	1.02	39.62	40.41	
Behavior Therapy Services Total:						507449.46
Behavior Therapy Services	15 Min	46	525.31	21.00	507449.46	
Nursing Services Total:						1835356.22
GRAND TOTAL:					29087092.35	
Total Estimated Unduplicated Participants:					683	
Factor D (Divide total by number of participants):					42587.25	
Average Length of Stay on the Waiver:						339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Nursing Services	15 Min	26	6192.16	11.40	1835356.22	
Occupational Therapy Total:						26180.55
Occupational Therapy	15 Min	9	135.30	21.50	26180.55	
Physical Therapy Services Total:						18179.33
Physical Therapy Services	15 Min	4	261.95	17.35	18179.33	
Specialized Medical Equipment and Supplies Total:						7141.31
Specialized Medical Equipment and Supplies	Per Purchase	12	5.72	104.04	7141.31	
Speech and Language Therapy Services Total:						5188.37
Speech and Language Therapy Services	15 Min	1	236.48	21.94	5188.37	
Assistive Technology Total:						821.61
Assistive Technology	Per Purchase	1	1.35	608.60	821.61	
Benefits Counseling Total:						1455.73
Benefits Counseling	15 Min	7	18.94	10.98	1455.73	
Career Assessment Total:						1911.81
Career Assessment	15 Min	4	37.34	12.80	1911.81	
Cognitive Rehabilitation Therapy Services Total:						3244429.50
Cognitive Rehabilitation Therapy Services	15 Min	140	1625.14	14.26	3244429.50	
Community Integration Total:						176964.82
Community Integration	15 Min	19	1390.14	6.70	176964.82	
Community Transition Services Total:						2977.21
Community Transition Services	Per Purchase	1	2.29	1300.09	2977.21	
Counseling Services Total:						212.59
Counseling Services					212.59	
GRAND TOTAL:						29087092.35
Total Estimated Unduplicated Participants:						683
Factor D (Divide total by number of participants):						42587.25
Average Length of Stay on the Waiver:						339

Waiver Service/Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
	15 Min	1	17.79	11.95		
Home Adaptations Total:						79020.24
Home Adaptations	Per Adaptation	6	1.24	10621.00	79020.24	
Job Finding Total:						5866.79
Job Finding	15 Min	5	94.17	12.46	5866.79	
Non-Medical Transportation Total:						289928.57
Non-Medical Transportation	Per Trip	118	28.66	85.73	289928.57	
Nutritional Consultation Total:						14.19
Nutritional Consultation	15 Min	1	1.02	13.91	14.19	
Personal Emergency Response System Total:						57571.45
Personal Emergency Response System	Monthly	148	10.31	37.73	57571.45	
Vehicle Modifications Total:						6388.46
Vehicle Modifications	Per Adaptation	2	2.16	1478.81	6388.46	
GRAND TOTAL: Total Estimated Unduplicated Participants: Factor D (Divide total by number of participants): Average Length of Stay on the Waiver:						29087092.35 683 42587.25 339

Appendix J: Cost Neutrality Demonstration

J-2: Derivation of Estimates (7 of 9)

d. Estimate of Factor D.

i. 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 3

Waiver Service/Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:						137905.75
Basic Half Day	Half Day	1	95.72	30.50	2919.46	
GRAND TOTAL: Total Estimated Unduplicated Participants: Factor D (Divide total by number of participants): Average Length of Stay on the Waiver:						31018963.76 590 52574.51 339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Enhanced Half Day	Half Day	1	1.04	38.26	39.79	
Enhanced Day	Full Day	2	3.31	76.52	506.56	
Basic Day	Full Day	18	120.68	61.89	134439.93	
Employment Skills Development Total:						747094.00
Employment Skills Development	15 Min	34	3175.34	6.92	747094.00	
Job Coaching (Intensive and Extended Follow- along) Total:						553233.78
Job Coaching (Intensive and Extended Follow- along)	15 Min	33	1524.06	11.00	553233.78	
Personal Assistance Services Total:						13245633.24
Agency	15 Min	212	7916.06	5.31	8911267.06	
Participant-Directed	15 Min	129	8785.19	3.80	4306500.14	
CSLA	15 Min	2	2501.44	5.57	27866.04	
Residential Habilitation Services Total:						6474744.36
Residential Habilitation Enhanced 2:1	Hour	4	366.93	20.01	29369.08	
Residential Habilitation Enhanced 1:1	Hour	18	2898.02	20.19	1053198.43	
Residential Habilitation Unlicensed	Per Diem	36	312.76	277.79	3127737.61	
Residential Habilitation Licensed	Per Diem	27	322.00	260.46	2264439.24	
Respite Total:						32708.03
Participant-Directed	15 Min	7	1067.37	3.95	29512.78	
Agency	15 Min	2	247.31	6.46	3195.25	
Service Coordination Total:						1177565.57
Service Coordination	15 Min	585	98.77	20.38	1177565.57	
Structured Day Habilitation Services						2017629.99
GRAND TOTAL:					31018963.76	
Total Estimated Unduplicated Participants:					590	
Factor D (Divide total by number of participants):					52574.51	
Average Length of Stay on the Waiver:						339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Total:						
Structured Day Habilitation - Enhanced 1:1	Hour	13	228.86	20.01	59533.35	
Structured Day Habilitation	Hour	62	895.93	35.25	1958055.02	
Structured Day Habilitation - Enhanced 2:1	Hour	1	1.04	40.02	41.62	
Behavior Therapy Services Total:						534142.88
Behavior Therapy Services	15 Min	47	535.82	21.21	534142.88	
Nursing Services Total:						1962823.32
Nursing Services	15 Min	27	6316.00	11.51	1962823.32	
Occupational Therapy Total:						26978.19
Occupational Therapy	15 Min	9	138.01	21.72	26978.19	
Physical Therapy Services Total:						18735.36
Physical Therapy Services	15 Min	4	267.19	17.53	18735.36	
Specialized Medical Equipment and Supplies Total:						7977.67
Specialized Medical Equipment and Supplies	Per Purchase	13	5.84	105.08	7977.67	
Speech and Language Therapy Services Total:						5345.21
Speech and Language Therapy Services	15 Min	1	241.21	22.16	5345.21	
Assistive Technology Total:						848.27
Assistive Technology	Per Purchase	1	1.38	614.69	848.27	
Benefits Counseling Total:						1499.81
Benefits Counseling	15 Min	7	19.32	11.09	1499.81	
Career Assessment Total:						1968.49
Career Assessment	15 Min	4	38.09	12.92	1968.49	
Cognitive Rehabilitation Therapy Services Total:						3413412.29
GRAND TOTAL: Total Estimated Unduplicated Participants: Factor D (Divide total by number of participants): Average Length of Stay on the Waiver:						31018963.76 590 52574.51 339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Cognitive Rehabilitation Therapy Services	15 Min	143	1657.64	14.40	3413412.29	
Community Integration Total:						191989.08
Community Integration	15 Min	20	1417.94	6.77	191989.08	
Community Transition Services Total:						3059.50
Community Transition Services	Per Purchase	1	2.33	1313.09	3059.50	
Counseling Services Total:						219.07
Counseling Services	15 Min	1	18.15	12.07	219.07	
Home Adaptations Total:						81097.71
Home Adaptations	Per Purchase	6	1.26	10727.21	81097.71	
Job Finding Total:						6046.98
Job Finding	15 Min	5	96.06	12.59	6046.98	
Non-Medical Transportation Total:						308749.47
Non-Medical Transportation	Per Trip	122	29.23	86.58	308749.47	
Nutritional Consultation Total:						14.61
Nutritional Consultation	15 Min	1	1.04	14.05	14.61	
Personal Emergency Response System Total:						60939.41
Personal Emergency Response System	Monthly	152	10.52	38.11	60939.41	
Vehicle Modifications Total:						6601.71
Vehicle Modifications	Per Adaptation	2	2.21	1493.60	6601.71	
GRAND TOTAL:					31018963.76	
Total Estimated Unduplicated Participants:					590	
Factor D (Divide total by number of participants):					52574.51	
Average Length of Stay on the Waiver:						339

Appendix J: Cost Neutrality Demonstration

J-2: Derivation of Estimates (8 of 9)

d. Estimate of Factor D.

i. 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 4

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:						149764.43
Basic Half Day	Half Day	1	97.64	30.81	3008.29	
Enhanced Half Day	Half Day	1	1.06	38.65	40.97	
Enhanced Day	Full Day	2	3.38	77.28	522.41	
Basic Day	Full Day	19	123.09	62.51	146192.76	
Employment Skills Development Total:						792382.21
Employment Skills Development	15 Min	35	3238.84	6.99	792382.21	
Job Coaching (Intensive and Extended Follow- along) Total:						587211.94
Job Coaching (Intensive and Extended Follow- along)	15 Min	34	1554.54	11.11	587211.94	
Personal Assistance Services Total:						14298104.96
Agency	15 Min	218	8232.71	5.37	9637704.29	
Participant-Directed	15 Min	132	9136.60	3.84	4631159.81	
CSLA	15 Min	2	2601.50	5.62	29240.86	
Residential Habilitation Services Total:						6906379.62
Residential Habilitation Enhanced 2:1	Hour	4	374.27	20.21	30255.99	
Residential Habilitation Enhanced 1:1	Hour	19	2955.98	20.39	1145176.21	
Residential Habilitation Uncensored	Per Diem	37	319.01	280.57	3311671.52	
Residential Habilitation Licensed	Per Diem	28	328.44	263.07	2419275.90	
Respite Total:						33697.42
Participant-Directed	15 Min	7	1088.72	3.99	30407.95	
GRAND TOTAL:						33178916.15
Total Estimated Unduplicated Participants:						606
Factor D (Divide total by number of participants):						54750.69
Average Length of Stay on the Waiver:						339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Agency	15 Min	2	252.26	6.52	3289.47	
Service Coordination Total:						1244665.50
Service Coordination	15 Min	600	100.75	20.59	1244665.50	
Structured Day Habilitation Services Total:						2111533.04
Structured Day Habilitation - Enhanced 1:1	Hour	13	233.44	20.21	61331.69	
Structured Day Habilitation	Hour	63	913.85	35.61	2050158.51	
Structured Day Habilitation - Enhanced 2:1	Hour	1	1.06	40.42	42.85	
Behavior Therapy Services Total:						561930.57
Behavior Therapy Services	15 Min	48	546.54	21.42	561930.57	
Nursing Services Total:						2097877.08
Nursing Services	15 Min	28	6442.32	11.63	2097877.08	
Occupational Therapy Total:						27796.44
Occupational Therapy	15 Min	9	140.77	21.94	27796.44	
Physical Therapy Services Total:						19295.12
Physical Therapy Services	15 Min	4	272.53	17.70	19295.12	
Specialized Medical Equipment and Supplies Total:						8209.16
Specialized Medical Equipment and Supplies	Per Purchase	13	5.95	106.13	8209.16	
Speech and Language Therapy Services Total:						5506.38
Speech and Language Therapy Services	15 Min	1	246.04	22.38	5506.38	
Assistive Technology Total:						875.37
Assistive Technology	Per Purchase	1	1.41	620.83	875.37	
Benefits Counseling Total:						1545.26
Benefits Counseling	15 Min				1545.26	
GRAND TOTAL:						33178916.15
Total Estimated Unduplicated Participants:						606
Factor D (Divide total by number of participants):						54750.69
Average Length of Stay on the Waiver:						339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
		7	19.71	11.20		
Career Assessment Total:						2027.97
Career Assessment	15 Min	4	38.85	13.05	2027.97	
Cognitive Rehabilitation Therapy Services Total:						3616367.58
Cognitive Rehabilitation Therapy Services	15 Min	147	1690.80	14.55	3616367.58	
Community Integration Total:						207442.81
Community Integration	15 Min	21	1446.30	6.83	207442.81	
Community Transition Services Total:						3156.40
Community Transition Services	Per Purchase	1	2.38	1326.22	3156.40	
Counseling Services Total:						225.64
Counseling Services	15 Min	1	18.51	12.19	225.64	
Home Adaptations Total:						97835.35
Home Adaptations	Per Adaptation	7	1.29	10834.48	97835.35	
Job Finding Total:						7471.95
Job Finding	15 Min	6	97.98	12.71	7471.95	
Non-Medical Transportation Total:						325969.88
Non-Medical Transportation	Per Trip	125	29.82	87.45	325969.88	
Nutritional Consultation Total:						15.04
Nutritional Consultation	15 Min	1	1.06	14.19	15.04	
Personal Emergency Response System Total:						64840.64
Personal Emergency Response System	Monthly	157	10.73	38.49	64840.64	
Vehicle Modifications Total:						6788.39
Vehicle Modifications	Per Adaptation	2	2.25	1508.53	6788.38	
GRAND TOTAL:						33178916.15
Total Estimated Unduplicated Participants:						606
Factor D (Divide total by number of participants):						54750.69
Average Length of Stay on the Waiver:						339

Appendix J: Cost Neutrality Demonstration

J-2: Derivation of Estimates (9 of 9)

d. Estimate of Factor D.

i. 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 5

Waiver Service/Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:						154272.47
Basic Half Day	Half Day	1	99.59	31.11	3098.24	
Enhanced Half Day	Half Day	1	1.08	39.03	42.15	
Enhanced Day	Full Day	2	3.45	78.06	538.61	
Basic Day	Full Day	19	125.55	63.13	150593.46	
Employment Skills Development Total:						839648.06
Employment Skills Development	15 Min	36	3303.62	7.06	839648.06	
Job Coaching (Intensive and Extended Follow-along) Total:						604886.13
Job Coaching (Intensive and Extended Follow-along)	15 Min	34	1585.63	11.22	604886.13	
Personal Assistance Services Total:						15439752.56
Agency	15 Min	224	8562.01	5.42	10394965.10	
Participant-Directed	15 Min	136	9502.07	3.88	5014052.30	
CSLA	15 Min	2	2705.56	5.68	30735.16	
Residential Habilitation Services Total:						7298167.54
Residential Habilitation Enhanced 2:1	Hour	4	381.75	20.42	31181.34	
Residential Habilitation Enhanced 1:1	Hour	19	3015.10	20.59	1179537.27	
Residential					3506096.38	
GRAND TOTAL:						35414749.49
Total Estimated Unduplicated Participants:						622
Factor D (Divide total by number of participants):						56936.90
Average Length of Stay on the Waiver:						339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Habilitation Unlicensed	Per Diem	38	325.59	283.38		
Residential Habilitation Licensed	Per Diem	29	335.01	265.70	2581352.55	
Respite Total:						39193.54
Participant- Directed	15 Min	8	1110.49	4.03	35802.20	
Agency	15 Min	2	257.31	6.59	3391.35	
Service Coordination Total:						1316010.33
Service Coordination	15 Min	616	102.76	20.79	1316010.33	
Structured Day Habilitation Services Total:						2241990.05
Structured Day Habilitation - Enhanced 1:1	Hour	13	238.11	20.42	63208.68	
Structured Day Habilitation	Hour	65	932.12	35.96	2178737.29	
Structured Day Habilitation - Enhanced 2:1	Hour	1	1.08	40.82	44.09	
Behavior Therapy Services Total:						602903.81
Behavior Therapy Services	15 Min	50	557.47	21.63	602903.80	
Nursing Services Total:						2237220.54
Nursing Services	15 Min	29	6571.17	11.74	2237220.54	
Occupational Therapy Total:						31805.19
Occupational Therapy	15 Min	10	143.59	22.15	31805.18	
Physical Therapy Services Total:						19881.13
Physical Therapy Services	15 Min	4	277.98	17.88	19881.13	
Specialized Medical Equipment and Supplies Total:						8458.36
Specialized Medical Equipment and Supplies	Per Purchase	13	6.07	107.19	8458.36	
Speech and Language Therapy Services Total:						5671.70
Speech and Language Therapy	15 Min	1	250.96	22.60	5671.70	
GRAND TOTAL:						35414749.49
Total Estimated Unduplicated Participants:						622
Factor D (Divide total by number of participants):						56936.90
Average Length of Stay on the Waiver:						339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Services						
Assistive Technology Total:						902.94
Assistive Technology	Per Purchase	1	1.44	627.04	902.94	
Benefits Counseling Total:						1818.65
Benefits Counseling	15 Min	8	20.10	11.31	1818.65	
Career Assessment Total:						2089.29
Career Assessment	15 Min	4	39.63	13.18	2089.29	
Cognitive Rehabilitation Therapy Services Total:						3825512.66
Cognitive Rehabilitation Therapy Services	15 Min	151	1724.61	14.69	3825512.66	
Community Integration Total:						213760.83
Community Integration	15 Min	21	1475.23	6.90	213760.83	
Community Transition Services Total:						3254.94
Community Transition Services	Per Purchase	1	2.43	1339.48	3254.94	
Counseling Services Total:						232.41
Counseling Services	15 Min	1	18.88	12.31	232.41	
Home Adaptations Total:						100345.75
Home Adaptations	Per Adaptation	7	1.31	10942.83	100345.75	
Job Finding Total:						7699.38
Job Finding	15 Min	6	99.94	12.84	7699.38	
Non-Medical Transportation Total:						343783.83
Non-Medical Transportation	Per Trip	128	30.41	88.32	343783.83	
Nutritional Consultation Total:						15.48
Nutritional Consultation	15 Min	1	1.08	14.33	15.48	
Personal Emergency Response System Total:						68463.29
GRAND TOTAL:						35414749.49
Total Estimated Unduplicated Participants:						622
Factor D (Divide total by number of participants):						56936.90
Average Length of Stay on the Waiver:						339

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Personal Emergency Response System	Monthly	161	10.94	38.87	68463.29	
Vehicle Modifications Total:						7008.65
Vehicle Modifications	Per Adaptation	2	2.30	1523.62	7008.65	
<p>GRAND TOTAL:</p> <p>Total Estimated Unduplicated Participants:</p> <p>Factor D (Divide total by number of participants):</p> <p>Average Length of Stay on the Waiver:</p>						<p>35414749.49</p> <p>622</p> <p>56936.90</p> <p>339</p>