

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: Nursing Facility

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	43229.16	8138.00	51367.16	61521.00	2206.00	63727.00	12359.84
2	50130.87	10259.00	60389.87	70877.00	4805.00	75682.00	15292.13
3	55742.33	10843.00	66585.33	72856.00	5079.00	77935.00	11349.67
4	58195.00	11460.00	69655.00	74891.00	5368.00	80259.00	10604.00
5	60754.93	12113.00	72867.93	76982.00	5673.00	82655.00	9787.07

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:	
		Nursing Facility	
Year 1	107404		107404
Year 2	116996		116996
Year 3	128146		128146
Year 4	140352		140352
Year 5	153698		153698

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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 CHC waiver, as outlined in Appendix J-2, was projected utilizing historical CY 2019 experience. This experience reflects either historical Medicaid waiver enrollee durational patterns for individuals enrolled in one of OLTL's historic five waivers (Aging, Attendant Care, CommCare, Independence, and OBRA) for zones not yet implemented in CHC for CY 2019 (Lehigh/Capital, Northeast, Northwest) or from CHC managed care program experience for the two implemented zones (Southwest and Southeast). The individuals enrolled in one of OLTL's historic waivers moved into the CHC waiver upon CHC implementation within each geographic zone (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). All CHC zones were implemented on or before January 1, 2020 (i.e., the beginning of Waiver Year 1).

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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 January 2019–December 2019, and was adjusted based on more recent experience in CY 2020 impacted by the Coronavirus Disease 2019 (COVID-19) pandemic. The data was limited to participants within the five historic OLTL waivers (Aging, Attendant Care, CommCare, Independence, and OBRA) for Lehigh/Capital, Northeast, and Northwest, and available CHC program experience for the Southwest and Southeast zones. The data was analyzed at a statewide level given all zones were implemented on or before January 1, 2020 (i.e., the beginning of Waiver Year 1).

For Waiver Years 2–5, unit costs were trended forward for all services using a 1.0% annual inflation factor. Unit per user values were trended at 1.4% annually for all services except personal assistance, where units were trended at 3.5% annually. These factors were based on a review of historical utilization and cost increases within the Commonwealth and reflect consideration for CHC being fully transitioned into managed care statewide by CY 2020.

Based on review of preliminary CY 2020 results, Adult Daily Living services experienced depressed utilization from waiver participants in CY 2020 (Waiver Year 1) as a result of the COVID-19 pandemic, and that is anticipated to continue into Waiver Year 2 as Adult Daily Living service locations begin to re-open during CY 2021. Adult Daily Living service utilization is anticipated to better align with pre-pandemic experience in CY 2022–CY 2024 (i.e., Waiver Years 3–5).

Effective January 1, 2022, OLTL will implement a fee increase for personal assistance services, resulting in an average cost per unit increase of 6.4%. This change is reflected in CY 2022–CY 2024 (i.e., Waiver Years 3–5), 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 January 2019–December 2019 Medicaid acute medical and behavioral health service costs for participants within the five historic OLTL waivers (Aging, Attendant Care, CommCare, Independence, and OBRA) for Lehigh/Capital, Northeast, and Northwest, and available CHC managed care program experience for the Southwest and Southeast zones. Factor D' was calculated by dividing the actual costs for these services by the count of unique waiver recipients. 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 5.7% annual inflation factor. This factor was based on a review of historical cost increases for similar services within the Commonwealth.

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 January 2019–December 2019 Medicaid nursing facility service utilization and cost data for individuals whom OLTL determined represented a comparable peer group to CHC waiver participants. For Waiver Years 2–5, costs were trended forward using a 2.8% 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 individuals whom OLTL determined represented a comparable peer group to CHC 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 January 2019–December 2019. 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 5.7% inflation rate. This factor was based on a review of historical cost increases for similar services within the Commonwealth.

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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	
Personal Assistance Services	
Residential Habilitation	
Respite	
Structured Day Habilitation Services	
Counseling Services	
Home Health Aide Services	
Nursing Services	
Occupational Therapy Services	
Physical Therapy Services	
Specialized Medical Equipment and Supplies	
Speech and Language Therapy Services	
Assistive Technology	
Behavior Therapy	
Benefits Counseling	
Career Assessment	
Cognitive Rehabilitation Therapy Services	
Community Integration	
Community Transition Services	
Home Adaptations	
Home Delivered Meals	
Job Finding	
Non-Medical Transportation	
Nutritional Consultation	
Participant-Directed Community Supports	
Participant-Directed Goods and Services	
Personal Emergency Response System (PERS)	
Pest Eradication	
TeleCare	
Vehicle Modifications	

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d. Estimate of Factor D.

ii. Concurrent §1915(b)/§1915(c) Waivers, or other authorities utilizing capitated arrangements (i.e., 1915(a), 1932(a), Section 1937). 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. If applicable, check the capitation box next to that service. 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	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:							57176487.90
Adult Daily Living Services	<input type="checkbox"/>	Day, Half Day	5193	147.00	74.90	57176487.90	
Employment Skills Development Total:							2689092.64
Employment Skills Development	<input type="checkbox"/>	15 Min	136	2938.00	6.73	2689092.64	
Job Coaching Total:							807087.60
Job Coaching	<input type="checkbox"/>	15 Min	66	1145.00	10.68	807087.60	
Personal Assistance Services Total:							4184481187.70
Personal Assistance Services	<input type="checkbox"/>	15 min	104453	8690.00	4.61	4184481187.70	
Residential Habilitation Total:							58209891.52
Residential Habilitation Services	<input type="checkbox"/>	Per Diem, Hour	583	1226.00	81.44	58209891.52	
Respite Total:							3454291.20
Respite Services	<input type="checkbox"/>	15 Min	1114	320.00	9.69	3454291.20	
Structured Day Habilitation Services Total:							22927449.60
Structured Day Habilitation Services	<input type="checkbox"/>	Hour	704	999.00	32.60	22927449.60	
GRAND TOTAL:							4642984893.44
Total: Services included in capitation:							4642984893.44
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							107404
Factor D (Divide total by number of participants):							43229.16
Services included in capitation:							43229.16
Services not included in capitation:							
Average Length of Stay on the Waiver:							338

Waiver Service/ Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Counseling Services Total:							78820.54
Counseling Services		15 Min	106	61.00	12.19	78820.54	
Home Health Aide Services Total:							33860.48
Home Health Aide Services		15 Min	4	1528.00	5.54	33860.48	
Nursing Services Total:							158509776.00
Nursing Services		15 Min	3725	3594.00	11.84	158509776.00	
Occupational Therapy Services Total:							1362873.28
Occupational Therapy Services		15 Min	664	97.00	21.16	1362873.28	
Physical Therapy Services Total:							1262493.00
Physical Therapy Services		15 Min	621	100.00	20.33	1262493.00	
Specialized Medical Equipment and Supplies Total:							5745475.44
Specialized Medical Equipment and Supplies		Per Purchase	9377	6.00	102.12	5745475.44	
Speech and Language Therapy Services Total:							878527.62
Speech and Language Therapy Services		15 Min	243	163.00	22.18	878527.62	
Assistive Technology Total:							82009.80
Assistive Technology		Per Purchase	180	3.00	151.87	82009.80	
Behavior Therapy Total:							3111474.96
Behavior Therapy		15 Min	418	348.00	21.39	3111474.96	
Benefits Counseling Total:							651.60
GRAND TOTAL:							4642984893.44
Total: Services included in capitation:							4642984893.44
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							107404
Factor D (Divide total by number of participants):							43229.16
Services included in capitation:							43229.16
Services not included in capitation:							
Average Length of Stay on the Waiver:							338

Waiver Service/ Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Benefits Counseling		15 Min	2	30.00	10.86	651.60	
Career Assessment Total:							6538.05
Career Assessment		15 Min	3	167.00	13.05	6538.05	
Cognitive Rehabilitation Therapy Services Total:							12562137.72
Cognitive Rehabilitation Therapy Services		15 Min	971	891.00	14.52	12562137.72	
Community Integration Total:							632151.87
Community Integration		15 Min	89	1043.00	6.81	632151.87	
Community Transition Services Total:							250848.90
Community Transition Services		Per Purchase	111	2.00	1129.95	250848.90	
Home Adaptations Total:							44005380.51
Home Adaptations		Per Adaptation	7357	3.00	1993.81	44005380.51	
Home Delivered Meals Total:							27289468.80
Home Delivered Meals		Per Purchase	19360	246.00	5.73	27289468.80	
Job Finding Total:							21889.14
Job Finding		15 Min	13	133.00	12.66	21889.14	
Non-Medical Transportation Total:							30797331.84
Non-Medical Transportation		Per Trip	11174	99.00	27.84	30797331.84	
Nutritional Consultation Total:							110.16
Nutritional Consultation		15 Min	1	8.00	13.77	110.16	
Participant-Directed							1979652.07
GRAND TOTAL:							4642984893.44
Total: Services included in capitation:							4642984893.44
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							107404
Factor D (Divide total by number of participants):							43229.16
Services included in capitation:							43229.16
Services not included in capitation:							
Average Length of Stay on the Waiver:							338

Waiver Service/Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Community Supports Total:							
Participant-Directed Community Supports	<input type="checkbox"/>	Per Purchase	37	11.00	4864.01	1979652.07	
Participant-Directed Goods and Services Total:							61436.70
Participant-Directed Goods and Services	<input type="checkbox"/>	Per Purchase	9	5.00	1365.26	61436.70	
Personal Emergency Response System (PERS) Total:							21637414.70
Personal Emergency Response System (PERS)	<input type="checkbox"/>	Month	60899	10.00	35.53	21637414.70	
Pest Eradication Total:							273000.00
Pest Eradication	<input type="checkbox"/>	Per Purchase	182	1.00	1500.00	273000.00	
TeleCare Total:							393051.15
TeleCare	<input type="checkbox"/>	OneTime,Mnthly,Purcha	811	15.00	32.31	393051.15	
Vehicle Modifications Total:							2263030.95
Vehicle Modifications	<input type="checkbox"/>	Per Adaptation	115	1.00	19678.53	2263030.95	
GRAND TOTAL:							4642984893.44
Total: Services included in capitation:							4642984893.44
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							107404
Factor D (Divide total by number of participants):							43229.16
Services included in capitation:							43229.16
Services not included in capitation:							
Average Length of Stay on the Waiver:							338

Appendix J: Cost Neutrality Demonstration

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

d. Estimate of Factor D.

ii. Concurrent §1915(b)/§1915(c) Waivers, or other concurrent managed care authorities utilizing capitated payment arrangements. 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. If applicable, check the capitation box next to that service. 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	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:							33815782.00
Adult Daily Living Services		Day, Half Day	4655	110.00	66.04	33815782.00	
Employment Skills Development Total:							1347226.52
Employment Skills Development		15 Min	62	3539.00	6.14	1347226.52	
Job Coaching Total:							146700.84
Job Coaching		15 Min	33	412.00	10.79	146700.84	
Personal Assistance Services Total:							5489536373.44
Personal Assistance Services		15 min	113779	10136.00	4.76	5489536373.44	
Residential Habilitation Total:							49416774.66
Residential Habilitation Services		Per Diem, Hour	549	506.00	177.89	49416774.66	
Respite Total:							2196560.76
Respite Services		15 Min	604	723.00	5.03	2196560.76	
Structured Day Habilitation Services Total:							20355634.80
Structured Day Habilitation Services		Hour	681	874.00	34.20	20355634.80	
Counseling Services Total:							76185.20
Counseling Services		15 Min	56	115.00	11.83	76185.20	
Home Health Aide Services Total:							1830075.39
Home Health Aide Services		15 Min	279	417.00	15.73	1830075.39	
Nursing Services Total:							61070845.06
Nursing Services		15 Min	1667	3194.00	11.47	61070845.06	
GRAND TOTAL:							5865110949.15
Total: Services included in capitation:							5865110949.15
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							116996
Factor D (Divide total by number of participants):							50130.87
Services included in capitation:							50130.87
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/ Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Occupational Therapy Services Total:							431020.80
Occupational Therapy Services		15 Min	105	192.00	21.38	431020.80	
Physical Therapy Services Total:							421617.60
Physical Therapy Services		15 Min	228	92.00	20.10	421617.60	
Specialized Medical Equipment and Supplies Total:							3300729.60
Specialized Medical Equipment and Supplies		Per Purchase	7872	35.00	11.98	3300729.60	
Speech and Language Therapy Services Total:							249898.32
Speech and Language Therapy Services		15 Min	63	179.00	22.16	249898.32	
Assistive Technology Total:							22825.46
Assistive Technology		15 Min	38	7.00	85.81	22825.46	
Behavior Therapy Total:							2931026.07
Behavior Therapy		15 Min	353	399.00	20.81	2931026.07	
Benefits Counseling Total:							155.26
Benefits Counseling		15 Min	1	14.00	11.09	155.26	
Career Assessment Total:							426.36
Career Assessment		15 Min	1	33.00	12.92	426.36	
Cognitive Rehabilitation Therapy Services Total:							2310406.74
Cognitive Rehabilitation Therapy		15 Min	213	758.00	14.31	2310406.74	
GRAND TOTAL:							5865110949.15
Total: Services included in capitation:							5865110949.15
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							116996
Factor D (Divide total by number of participants):							50130.87
Services included in capitation:							50130.87
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/ Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Services							
Community Integration Total:							288543.15
Community Integration		15 Min	63	695.00	6.59	288543.15	
Community Transition Services Total:							1577081.76
Community Transition Services		Per Purchase	654	2.00	1205.72	1577081.76	
Home Adaptations Total:							39825638.00
Home Adaptations		Per Adaptation	4898	4.00	2032.75	39825638.00	
Home Delivered Meals Total:							62438955.60
Home Delivered Meals		Per Purchase	33810	274.00	6.74	62438955.60	
Job Finding Total:							11036.00
Job Finding		15 Min	10	89.00	12.40	11036.00	
Non-Medical Transportation Total:							59575941.36
Non-Medical Transportation		Trip	15594	124.00	30.81	59575941.36	
Nutritional Consultation Total:							110.16
Nutritional Consultation		15 Min	1	8.00	13.77	110.16	
Participant-Directed Community Supports Total:							1782138.88
Participant-Directed Community Supports		Per Purchase	32	158.00	352.48	1782138.88	
Participant-Directed Goods and Services Total:							40984.56
Participant-Directed Goods and Services		Per Purchase	9	4.00	1138.46	40984.56	
GRAND TOTAL:							5865110949.15
Total: Services included in capitation:							5865110949.15
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							116996
Factor D (Divide total by number of participants):							50130.87
Services included in capitation:							50130.87
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Personal Emergency Response System (PERS) Total:							26114140.80
Personal Emergency Response System (PERS)	<input type="checkbox"/>	Month	68160	11.00	34.83	26114140.80	
Pest Eradication Total:							306030.00
Pest Eradication	<input type="checkbox"/>	Per Purchase	202	1.00	1515.00	306030.00	
TeleCare Total:							140146.56
TeleCare	<input type="checkbox"/>	OneTime,Mnthly,Purcha	348	8.00	50.34	140146.56	
Vehicle Modifications Total:							3549937.44
Vehicle Modifications	<input type="checkbox"/>	Per Adaptation	168	1.00	21130.58	3549937.44	
GRAND TOTAL:							5865110949.15
Total: Services included in capitation:							5865110949.15
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							116996
Factor D (Divide total by number of participants):							50130.87
Services included in capitation:							50130.87
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Appendix J: Cost Neutrality Demonstration

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

d. Estimate of Factor D.

ii. **Concurrent §1915(b)/§1915(c) Waivers, or other concurrent managed care authorities utilizing capitated payment arrangements.** 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. If applicable, check the capitation box next to that service. 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	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:							77732180.00
Adult Daily	<input type="checkbox"/>					77732180.00	
GRAND TOTAL:							7143156371.03
Total: Services included in capitation:							7143156371.03
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							128146
Factor D (Divide total by number of participants):							55742.33
Services included in capitation:							55742.33
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Living Services		Day, Half Day	5827	200.00	66.70		
Employment Skills Development Total:							1515985.20
Employment Skills Development		15 Min	68	3590.00	6.21	1515985.20	
Job Coaching Total:							164023.20
Job Coaching		15 Min	36	418.00	10.90	164023.20	
Personal Assistance Services Total:							6682826123.82
Personal Assistance Services		15 min	124623	10494.00	5.11	6682826123.82	
Residential Habilitation Total:							55394596.71
Residential Habilitation Services		Per Diem, Hour	601	513.00	179.67	55394596.71	
Respite Total:							2465049.68
Respite Services		15 Min	662	733.00	5.08	2465049.68	
Structured Day Habilitation Services Total:							22861804.10
Structured Day Habilitation Services		Hour	746	887.00	34.55	22861804.10	
Counseling Services Total:							85287.15
Counseling Services		15 Min	61	117.00	11.95	85287.15	
Home Health Aide Services Total:							2050048.35
Home Health Aide Services		15 Min	305	423.00	15.89	2050048.35	
Nursing Services Total:							68569221.60
Nursing Services		15 Min	1826	3240.00	11.59	68569221.60	
Occupational Therapy Services Total:							484155.75
GRAND TOTAL:							7143156371.03
Total: Services included in capitation:							7143156371.03
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							128146
Factor D (Divide total by number of participants):							55742.33
Services included in capitation:							55742.33
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Occupational Therapy Services		15 Min	115	195.00	21.59	484155.75	
Physical Therapy Services Total:							477050.00
Physical Therapy Services		15 Min	250	94.00	20.30	477050.00	
Specialized Medical Equipment and Supplies Total:							3755743.20
Specialized Medical Equipment and Supplies		Per Purchase	8622	36.00	12.10	3755743.20	
Speech and Language Therapy Services Total:							281048.04
Speech and Language Therapy Services		15 Min	69	182.00	22.38	281048.04	
Assistive Technology Total:							24874.29
Assistive Technology		Per Purchase	41	7.00	86.67	24874.29	
Behavior Therapy Total:							3294569.70
Behavior Therapy		15 Min	387	405.00	21.02	3294569.70	
Benefits Counseling Total:							156.80
Benefits Counseling		15 Min	1	14.00	11.20	156.80	
Career Assessment Total:							430.65
Career Assessment		15 Min	1	33.00	13.05	430.65	
Cognitive Rehabilitation Therapy Services Total:							2600219.70
Cognitive Rehabilitation Therapy Services		15 Min	234	769.00	14.45	2600219.70	
Community Integration							323975.70
GRAND TOTAL:							7143156371.03
Total: Services included in capitation:							7143156371.03
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							128146
Factor D (Divide total by number of participants):							55742.33
Services included in capitation:							55742.33
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/ Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Total:							
Community Integration		15 Min	69	705.00	6.66	323975.70	
Community Transition Services Total:							1743860.96
Community Transition Services		Per Purchase	716	2.00	1217.78	1743860.96	
Home Adaptations Total:							44050669.92
Home Adaptations		Per Adaptation	5364	4.00	2053.07	44050669.92	
Home Delivered Meals Total:							70110134.94
Home Delivered Meals		Per Purchase	37033	278.00	6.81	70110134.94	
Job Finding Total:							12394.80
Job Finding		15 Min	11	90.00	12.52	12394.80	
Non-Medical Transportation Total:							66951208.80
Non-Medical Transportation		Trip	17080	126.00	31.11	66951208.80	
Nutritional Consultation Total:							111.20
Nutritional Consultation		15 Min	1	8.00	13.90	111.20	
Participant-Directed Community Supports Total:							2006060.00
Participant-Directed Community Supports		Per Purchase	35	161.00	356.00	2006060.00	
Participant-Directed Goods and Services Total:							45993.60
Participant-Directed Goods and Services		Per Purchase	10	4.00	1149.84	45993.60	
Personal Emergency Response System (PERS) Total:							28889991.90
GRAND TOTAL:							7143156371.03
Total: Services included in capitation:							7143156371.03
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							128146
Factor D (Divide total by number of participants):							55742.33
Services included in capitation:							55742.33
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Personal Emergency Response System (PERS)		Month	74655	11.00	35.18	28889991.90	
Pest Eradication Total:							338163.15
Pest Eradication		Per Purchase	221	1.00	1530.15	338163.15	
TeleCare Total:							174330.36
TeleCare		OneTime,Mnthly,Purcha	381	9.00	50.84	174330.36	
Vehicle Modifications Total:							3926907.76
Vehicle Modifications		Per Adaptation	184	1.00	21341.89	3926907.76	
GRAND TOTAL:						7143156371.03	
Total: Services included in capitation:						7143156371.03	
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:						128146	
Factor D (Divide total by number of participants):						55742.33	
Services included in capitation:						55742.33	
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Appendix J: Cost Neutrality Demonstration

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

d. Estimate of Factor D.

ii. Concurrent §1915(b)/§1915(c) Waivers, or other concurrent managed care authorities utilizing capitated payment arrangements. 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. If applicable, check the capitation box next to that service. 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	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:							87294610.13
Adult Daily Living Services		Day, Half Day	6383	203.00	67.37	87294610.13	
Employment Skills							1689815.16
GRAND TOTAL:						8167769662.00	
Total: Services included in capitation:						8167769662.00	
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:						140352	
Factor D (Divide total by number of participants):						58195.00	
Services included in capitation:						58195.00	
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Development Total:							
Employment Skills Development		15 Min	74	3642.00	6.27	1689815.16	
Job Coaching Total:							181896.00
Job Coaching		15 Min	39	424.00	11.00	181896.00	
Personal Assistance Services Total:							7652261656.20
Personal Assistance Services		15 min	136493	10865.00	5.16	7652261656.20	
Residential Habilitation Total:							62302294.94
Residential Habilitation Services		Per Diem, Hour	659	521.00	181.46	62302294.94	
Respite Total:							2768789.50
Respite Services		15 Min	725	743.00	5.14	2768789.50	
Structured Day Habilitation Services Total:							25654617.00
Structured Day Habilitation Services		Hour	817	900.00	34.89	25654617.00	
Counseling Services Total:							96234.11
Counseling Services		15 Min	67	119.00	12.07	96234.11	
Home Health Aide Services Total:							2306625.75
Home Health Aide Services		15 Min	335	429.00	16.05	2306625.75	
Nursing Services Total:							76892400.00
Nursing Services		15 Min	2000	3286.00	11.70	76892400.00	
Occupational Therapy Services Total:							544115.88
Occupational Therapy Services		15 Min	126	198.00	21.81	544115.88	
Physical							533875.30
GRAND TOTAL:							8167769662.00
Total: Services included in capitation:							8167769662.00
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							140352
Factor D (Divide total by number of participants):							58195.00
Services included in capitation:							58195.00
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/ Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Therapy Services Total:							
Physical Therapy Services		15 Min	274	95.00	20.51	533875.30	
Specialized Medical Equipment and Supplies Total:							4158004.32
Specialized Medical Equipment and Supplies		Per Purchase	9444	36.00	12.23	4158004.32	
Speech and Language Therapy Services Total:							316038.40
Speech and Language Therapy Services		15 Min	76	184.00	22.60	316038.40	
Assistive Technology Total:							27575.10
Assistive Technology		Per Purchase	45	7.00	87.54	27575.10	
Behavior Therapy Total:							3699624.72
Behavior Therapy		15 Min	424	411.00	21.23	3699624.72	
Benefits Counseling Total:							316.68
Benefits Counseling		15 Min	2	14.00	11.31	316.68	
Career Assessment Total:							896.24
Career Assessment		15 Min	2	34.00	13.18	896.24	
Cognitive Rehabilitation Therapy Services Total:							2915328.00
Cognitive Rehabilitation Therapy Services		15 Min	256	780.00	14.60	2915328.00	
Community Integration Total:							366219.68
Community Integration		15 Min	76	716.00	6.73	366219.68	
GRAND TOTAL:							8167769662.00
Total: Services included in capitation:							8167769662.00
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							140352
Factor D (Divide total by number of participants):							58195.00
Services included in capitation:							58195.00
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/ Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Community Transition Services Total:							1928577.28
Community Transition Services		Per Purchase	784	2.00	1229.96	1928577.28	
Home Adaptations Total:							48729600.00
Home Adaptations		Per Adaptation	5875	4.00	2073.60	48729600.00	
Home Delivered Meals Total:							78692889.60
Home Delivered Meals		Per Purchase	40560	282.00	6.88	78692889.60	
Job Finding Total:							13813.80
Job Finding		15 Min	12	91.00	12.65	13813.80	
Non-Medical Transportation Total:							75259009.28
Non-Medical Transportation		Trip	18707	128.00	31.43	75259009.28	
Nutritional Consultation Total:							224.64
Nutritional Consultation		15 Min	2	8.00	14.04	224.64	
Participant-Directed Community Supports Total:							2227114.64
Participant-Directed Community Supports		Per Purchase	38	163.00	359.56	2227114.64	
Participant-Directed Goods and Services Total:							51098.96
Participant-Directed Goods and Services		Per Purchase	11	4.00	1161.34	51098.96	
Personal Emergency Response System (PERS) Total:							31956605.78
Personal Emergency Response System		Month	81766	11.00	35.53	31956605.78	
GRAND TOTAL:							8167769662.00
Total: Services included in capitation:							8167769662.00
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							140352
Factor D (Divide total by number of participants):							58195.00
Services included in capitation:							58195.00
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
(PERS)							
Pest Eradication Total:							373998.90
Pest Eradication	<input type="checkbox"/>	Per Purchase	242	1.00	1545.45	373998.90	
TeleCare Total:							193178.70
TeleCare	<input type="checkbox"/>	OneTime,Mnthly,Purcha	418	9.00	51.35	193178.70	
Vehicle Modifications Total:							4332617.31
Vehicle Modifications	<input type="checkbox"/>	Per Adaptation	201	1.00	21555.31	4332617.31	
GRAND TOTAL:							816776962.00
Total: Services included in capitation:							816776962.00
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							140352
Factor D (Divide total by number of participants):							58195.00
Services included in capitation:							58195.00
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Appendix J: Cost Neutrality Demonstration

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

d. Estimate of Factor D.

ii. Concurrent §1915(b)/§1915(c) Waivers, or other concurrent managed care authorities utilizing capitated payment arrangements. 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. If applicable, check the capitation box next to that service. 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	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Adult Daily Living Total:							97959501.36
Adult Daily Living Services	<input type="checkbox"/>	Day, Half Day	6989	206.00	68.04	97959501.36	
Employment Skills Development Total:							1894024.62
Employment Skills	<input type="checkbox"/>	15 Min				1894024.62	
GRAND TOTAL:							9337911470.16
Total: Services included in capitation:							9337911470.16
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							153698
Factor D (Divide total by number of participants):							60754.93
Services included in capitation:							60754.93
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Development			81	3694.00	6.33		
Job Coaching Total:							205423.90
Job Coaching		15 Min	43	430.00	11.11	205423.90	
Personal Assistance Services Total:							8760927600.00
Personal Assistance Services		15 min	149472	11250.00	5.21	8760927600.00	
Residential Habilitation Total:							69772496.64
Residential Habilitation Services		Per Diem, Hour	721	528.00	183.28	69772496.64	
Respite Total:							3107128.44
Respite Services		15 Min	794	754.00	5.19	3107128.44	
Structured Day Habilitation Services Total:							28795837.40
Structured Day Habilitation Services		Hour	895	913.00	35.24	28795837.40	
Counseling Services Total:							106784.40
Counseling Services		15 Min	73	120.00	12.19	106784.40	
Home Health Aide Services Total:							2586726.96
Home Health Aide Services		15 Min	366	436.00	16.21	2586726.96	
Nursing Services Total:							86277371.40
Nursing Services		15 Min	2190	3333.00	11.82	86277371.40	
Occupational Therapy Services Total:							610790.76
Occupational Therapy Services		15 Min	138	201.00	22.02	610790.76	
Physical Therapy Services Total:							596448.00
Physical						596448.00	
GRAND TOTAL:							9337911470.16
Total: Services included in capitation:							9337911470.16
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							153698
Factor D (Divide total by number of participants):							60754.93
Services included in capitation:							60754.93
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/ Component	Capi- tation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Therapy Services		15 Min	300	96.00	20.71		
Specialized Medical Equipment and Supplies Total:							4725776.90
Specialized Medical Equipment and Supplies		Per Purchase	10342	37.00	12.35	4725776.90	
Speech and Language Therapy Services Total:							354344.43
Speech and Language Therapy Services		15 Min	83	187.00	22.83	354344.43	
Assistive Technology Total:							30943.50
Assistive Technology		Per Purchase	50	7.00	88.41	30943.50	
Behavior Therapy Total:							4138434.56
Behavior Therapy		15 Min	464	416.00	21.44	4138434.56	
Benefits Counseling Total:							320.04
Benefits Counseling		15 Min	2	14.00	11.43	320.04	
Career Assessment Total:							905.76
Career Assessment		15 Min	2	34.00	13.32	905.76	
Cognitive Rehabilitation Therapy Services Total:							3264615.20
Cognitive Rehabilitation Therapy Services		15 Min	280	791.00	14.74	3264615.20	
Community Integration Total:							409151.82
Community Integration		15 Min	83	726.00	6.79	409151.82	
Community Transition Services Total:							2134202.68
GRAND TOTAL:							9337911470.16
Total: Services included in capitation:							9337911470.16
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							153698
Factor D (Divide total by number of participants):							60754.93
Services included in capitation:							60754.93
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/ Component	Capitation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Community Transition Services		Per Purchase	859	2.00	1242.26	2134202.68	
Home Adaptations Total:							53899934.24
Home Adaptations		Per Adaptation	6434	4.00	2094.34	53899934.24	
Home Delivered Meals Total:							88287670.90
Home Delivered Meals		Per Purchase	44417	286.00	6.95	88287670.90	
Job Finding Total:							15438.93
Job Finding		15 Min	13	93.00	12.77	15438.93	
Non-Medical Transportation Total:							84529333.20
Non-Medical Transportation		Trip	20486	130.00	31.74	84529333.20	
Nutritional Consultation Total:							255.24
Nutritional Consultation		15 Min	2	9.00	14.18	255.24	
Participant-Directed Community Supports Total:							2456777.40
Participant-Directed Community Supports		Per Purchase	41	165.00	363.16	2456777.40	
Participant-Directed Goods and Services Total:							56301.60
Participant-Directed Goods and Services		Per Purchase	12	4.00	1172.95	56301.60	
Personal Emergency Response System (PERS) Total:							35349891.39
Personal Emergency Response System (PERS)		Month	89541	11.00	35.89	35349891.39	
Pest Eradication Total:							413641.15
GRAND TOTAL:							9337911470.16
Total: Services included in capitation:							9337911470.16
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							153698
Factor D (Divide total by number of participants):							60754.93
Services included in capitation:							60754.93
Services not included in capitation:							
Average Length of Stay on the Waiver:							337

Waiver Service/ Component	Capi- tation	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Pest Eradication		Per Purchase	265	1.00	1560.91	413641.15	
TeleCare Total:							213808.14
TeleCare		OneTime,Mnthly,Purcha	458	9.00	51.87	213808.14	
Vehicle Modifications Total:							4789589.20
Vehicle Modifications		Per Adaptation	220	1.00	21770.86	4789589.20	
GRAND TOTAL:							9337911470.16
Total: Services included in capitation:							9337911470.16
Total: Services not included in capitation:							
Total Estimated Unduplicated Participants:							153698
Factor D (Divide total by number of participants):							60754.93
Services included in capitation:							60754.93
Services not included in capitation:							
Average Length of Stay on the Waiver:							337