

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	67075.94	8087.00	75162.94	145505.00	7666.00	153171.00	78008.06
2	62421.87	7640.00	70061.87	166174.00	7387.00	173561.00	103499.13
3	49596.47	7521.00	57117.47	186702.00	7779.00	194481.00	137363.53
4	66193.73	8060.00	74253.73	188536.00	7856.00	196392.00	122138.27
5	68220.54	8261.00	76481.54	190371.00	7932.00	198303.00	121821.46

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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	1517		1517
Year 2	1485		1485
Year 3	1446		1446
Year 4	627		627
Year 5	420		420

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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 was projected based on a review of historical Medicaid waiver enrollee durational patterns for those participants to be in the waiver over future year(s), the last and final year was estimated for a 6 month time frame only.

Historically, the average length of stay for this waiver demonstrates an unpredictable pattern from year to year as demonstrated by submitted CMS 372's. In order to make a best estimate of the average length of stay for this amendment, OLTL reviewed the 372 reports for state fiscal years 2014-15, 2015-16 and 2016-17 then projected forward by applying the most recent years actual Medicaid waiver user, service utilization and cost data.

Due to CHC Migration, average length of stay was adjusted to reflect percentage of the state population that would be affected each year.

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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:

Factor D is based on actual history of utilization and establishing a percentage that each service is utilized compared to all services. The number of participants is projected from history and average participants entering the waiver and average participants leaving the waiver. The expenditures by rates are adjusted by applying historical trend based on actuals derived from actual Medicaid waiver user, service utilization and cost data.

Transitioning individuals from the OBRA Waiver to the CHC Waiver is to occur in three Phases. Each migration phase to CHC was calculated using base SFY16/17 data to obtain percentages of users and expenditures that moved to CHC. Those percentages were then applied to calculation reference in paragraph one (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' reflects the trend factor derived from actual Medicaid waiver user, service utilization and cost data for acute care services. Both Factor D' and Factor G' are based upon historic utilization. Factor D' is based on actual history of utilization based trend data from SFY 14/15, SFY 15/16 and SFY 16/17.

The entire database of waiver participants is available to identify each participant's non-waiver MA costs, including the deduction of Medicare Part D drug costs. Payments made to institutions may not include all services that are available to participants through Medicaid.

Transitioning individuals from the OBRA Waiver to the CHC Waiver is to occur in three Phases. Each migration phase to CHC was calculated using base SFY16/17 data to obtain percentages of users and expenditures that moved to CHC. Those percentages were then applied to calculation reference in paragraph one (above).

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 actual historical data pertaining to Medicaid nursing facility service utilization and cost data for individuals whom OLTL determined represented a comparable peer group to waiver participants. The peer group does not include short term institutional stays or residents admitted to the Nursing Facilities for short term admission (100 Days or less) providing data for the level of care specified in waiver eligibility as long term care.

Factor G is based on current peer institutional expenditures / rates by applying regression trend derived from actual Medicaid waiver user, service utilization and cost data. Factor G is based on actual history of utilization based trend data from SFY 14/15, SFY 15/16 and SFY 16/17.

Transitioning individuals from the OBRA Waiver to the CHC Waiver is to occur in three Phases. Each migration phase to CHC was calculated using base SFY16/17 data to obtain percentages of users and expenditures that moved to CHC. Those percentages were then applied to calculation reference in paragraph one (above).

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 OBRA Waiver participants (as mentioned in Factor G) Factor G' was derived by analyzing these individuals' associated non-nursing facility Medicaid service utilization and cost. The peer group does not include short term institutional stays or residents admitted to Nursing Facilities for short term admission (100 Days or less).

Both Factor D' and Factor G' are based upon historic utilization and is from actual Medicaid waiver user, service utilization and cost data. Factor G' is based on actual history of utilization based trend data from SFY 14/15, SFY 15/16 and SFY 16/17.

Transitioning individuals from the OBRA Waiver to the CHC Waiver is to occur in three Phases. Each migration phase to CHC was calculated using base SFY16/17 data to obtain percentages of users and expenditures that moved to CHC. Those percentages were then applied to calculation reference in paragraph one (above).

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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	

Waiver Services	
Career Assessment	
Cognitive Rehabilitation Therapy Services	
Community Integration	
Community Transition Services	
Counseling Services	
Home Adaptations	
Job Finding	
Non-Medical Transportation	
Nutritional Consultation	
Personal Emergency Response System	
Prevocational Services	
Supported Employment	
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:						555233.26
Basic Day	Full Day	58	135.90	59.37	467966.21	
Enhanced Day	Full Day	10	114.20	75.01	85661.42	
Basic Half Day	Half Day	1	53.70	29.90	1605.63	
Enhanced Half Day	Half Day	0	0.00	0.01	0.00	
Employment Skills Development Total:						4623973.20
Employment Skills Development	15 Min	84	2621.30	21.00	4623973.20	
Job Coaching (Intensive and Extended Follow- along) Total:						167280.00
Job Coaching (Intensive and Extended Follow- along)	15 Min	41	68.00	60.00	167280.00	
GRAND TOTAL:						101754201.76
Total Estimated Unduplicated Participants:						1517
Factor D (Divide total by number of participants):						67075.94
Average Length of Stay on the Waiver:						352

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Personal Assistance Services Total:						58767610.12
CSLA	15 Min	40	3833.30	4.77	731393.64	
Agency	15 Min	759	9031.20	4.68	32079906.14	
Participant- Directed	15 Min	736	11055.40	3.19	25956310.34	
Residential Habilitation Services Total:						8701141.22
Residential Habilitation Licensed	Per Diem	32	339.90	247.67	2693857.06	
Residential Habilitation Unlicensed	Per Diem	50	328.50	264.15	4338663.75	
Residential Habilitation Enhanced 1:1	Hour	36	2027.70	19.76	1442424.67	
Residential Habilitation Enhanced 2:1	Hour	1	5714.90	39.58	226195.74	
Respite Total:						116192.06
Agency	15 Min	12	586.40	4.73	33284.06	
Participant- Directed	15 Min	14	1974.00	3.00	82908.00	
Service Coordination Total:						3325719.10
Service Coordination	15 Min	1517	110.00	19.93	3325719.10	
Structured Day Habilitation Services Total:						3383854.09
Structured Day Habilitation	Hour	88	1002.60	34.56	3049187.33	
Structured Day Habilitation - Enhanced 1:1	Hour	30	520.10	19.62	306130.86	
Structured Day Habilitation - Enhanced 2:1	Hour	1	727.40	39.23	28535.90	
Behavior Therapy Services Total:						837238.25
Behavior Therapy Services	15 Min	284	141.80	20.79	837238.25	
Nursing Services Total:						14773155.67
Nursing Services	15 Min	130	9721.10	11.69	14773155.67	
GRAND TOTAL:						101754201.76
Total Estimated Unduplicated Participants:						1517
Factor D (Divide total by number of participants):						67075.94
Average Length of Stay on the Waiver:						352

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Occupational Therapy Total:						134642.66
Occupational Therapy	15 Min	52	127.30	20.34	134642.66	
Physical Therapy Services Total:						84924.84
Physical Therapy Services	15 Min	39	107.80	20.20	84924.84	
Specialized Medical Equipment and Supplies Total:						53148.32
Specialized Medical Equipment and Supplies	Per Purchase	40	3.80	349.66	53148.32	
Speech and Language Therapy Services Total:						153864.48
Speech and Language Therapy Services	15 Min	35	202.40	21.72	153864.48	
Assistive Technology Total:						6898.03
Assistive Technology	Per Purchase	6	1.20	958.06	6898.03	
Benefits Counseling Total:						16500.00
Benefits Counseling	15 Min	25	11.00	60.00	16500.00	
Career Assessment Total:						17600.00
Career Assessment	15 Min	25	11.00	64.00	17600.00	
Cognitive Rehabilitation Therapy Services Total:						2898725.86
Cognitive Rehabilitation Therapy Services	15 Min	166	1236.70	14.12	2898725.86	
Community Integration Total:						234492.30
Community Integration	15 Min	27	1306.00	6.65	234492.30	
Community Transition Services Total:						669.59
Community Transition Services	Per Purchase	1	2.10	318.85	669.58	
Counseling Services Total:						5131.85
Counseling Services	15 Min	6	72.30	11.83	5131.85	
Home Adaptations						1202990.06
GRAND TOTAL:						101754201.76
Total Estimated Unduplicated Participants:						1517
Factor D (Divide total by number of participants):						67075.94
Average Length of Stay on the Waiver:						352

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Total:						
Home Adaptations	Per Adaptation	123	1.30	7523.39	1202990.06	
Job Finding Total:						16500.00
Job Finding	15 Min	25	11.00	60.00	16500.00	
Non-Medical Transportation Total:						616534.74
Non-Medical Transportation	Per Trip	481	46.90	27.33	616534.74	
Nutritional Consultation Total:						0.00
Nutritional Consultation	15 Min	0	0.00	0.01	0.00	
Personal Emergency Response System Total:						249700.44
Personal Emergency Response System	Monthly	638	11.00	35.58	249700.44	
Prevocational Services Total:						484362.00
Prevocational Services	15 Min	80	947.50	6.39	484362.00	
Supported Employment Total:						138229.38
Supported Employment	Hour	34	99.50	40.86	138229.38	
Vehicle Modifications Total:						187890.23
Vehicle Modifications	Per Adaptation	11	1.00	17080.93	187890.23	
GRAND TOTAL:					101754201.76	
Total Estimated Unduplicated Participants:					1517	
Factor D (Divide total by number of participants):					67075.94	
Average Length of Stay on the Waiver:						352

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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:						526316.95
Basic Day	Full Day	57	132.80	59.37	449407.15	
Enhanced Day	Full Day	9	111.60	75.01	75340.04	
Basic Half Day	Half Day	1	52.50	29.90	1569.75	
Enhanced Half Day	Half Day	0	0.00	0.01	0.00	
Employment Skills Development Total:						1028831.76
Employment Skills Development	15 Min	55	2416.80	7.74	1028831.76	
Job Coaching (Intensive and Extended Follow-along) Total:						401492.99
Job Coaching (Intensive and Extended Follow-along)	15 Min	41	1868.80	5.24	401492.99	
Personal Assistance Services Total:						55105289.01
CSLA	15 Min	39	3746.60	4.77	696980.00	
Agency	15 Min	728	8826.80	4.68	30073260.67	
Participant-Directed	15 Min	706	10805.30	3.19	24335048.34	
Residential Habilitation Services Total:						8336221.84
Residential Habilitation Licensed	Per Diem	31	332.20	247.67	2550555.19	
Residential Habilitation Unlicensed	Per Diem	49	321.00	264.15	4154815.35	
Residential Habilitation Enhanced 1:1	Hour	36	1981.80	19.76	1409773.25	
Residential Habilitation Enhanced 2:1	Hour	1	5585.60	39.58	221078.05	
Respite Total:						105066.30
Agency	15 Min	11	573.20	4.73	29823.60	
Participant-Directed	15 Min	13	1929.30	3.00	75242.70	
Service Coordination Total:						3181575.38
GRAND TOTAL:						92696482.89
Total Estimated Unduplicated Participants:						1485
Factor D (Divide total by number of participants):						62421.87
Average Length of Stay on the Waiver:						302

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Service Coordination	15 Min	1485	107.50	19.93	3181575.38	
Structured Day Habilitation Services Total:						3229520.72
Structured Day Habilitation	Hour	86	979.90	34.56	2912419.58	
Structured Day Habilitation - Enhanced 1:1	Hour	29	508.30	19.62	289212.53	
Structured Day Habilitation - Enhanced 2:1	Hour	1	710.90	39.23	27888.61	
Behavior Therapy Services Total:						801055.33
Behavior Therapy Services	15 Min	278	138.60	20.79	801055.33	
Nursing Services Total:						10196373.38
Nursing Services	15 Min	128	6814.30	11.69	10196373.38	
Occupational Therapy Total:						129148.83
Occupational Therapy	15 Min	51	124.50	20.34	129148.83	
Physical Therapy Services Total:						80828.28
Physical Therapy Services	15 Min	38	105.30	20.20	80828.28	
Specialized Medical Equipment and Supplies Total:						50455.94
Specialized Medical Equipment and Supplies	Per Purchase	39	3.70	349.66	50455.94	
Speech and Language Therapy Services Total:						146145.19
Speech and Language Therapy Services	15 Min	34	197.90	21.72	146145.19	
Assistive Technology Total:						6898.03
Assistive Technology	Per Purchase	6	1.20	958.06	6898.03	
Benefits Counseling Total:						15450.00
Benefits Counseling	15 Min	25	10.30	60.00	15450.00	
Career Assessment Total:						4229836.62
Career Assessment	15 Min				4229836.62	
GRAND TOTAL:						92696482.89
Total Estimated Unduplicated Participants:						1485
Factor D (Divide total by number of participants):						62421.87
Average Length of Stay on the Waiver:						302

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
		25	10.30	16426.55		
Cognitive Rehabilitation Therapy Services Total:						2781895.57
Cognitive Rehabilitation Therapy Services	15 Min	163	1208.70	14.12	2781895.57	
Community Integration Total:						220706.85
Community Integration	15 Min	26	1276.50	6.65	220706.85	
Community Transition Services Total:						637.70
Community Transition Services	Per Purchase	1	2.00	318.85	637.70	
Counseling Services Total:						5018.29
Counseling Services	15 Min	6	70.70	11.83	5018.29	
Home Adaptations Total:						1083368.16
Home Adaptations	Per Adaptation	120	1.20	7523.39	1083368.16	
Job Finding Total:						15450.00
Job Finding	15 Min	25	10.30	60.00	15450.00	
Non-Medical Transportation Total:						590844.54
Non-Medical Transportation	Per Trip	471	45.90	27.33	590844.54	
Nutritional Consultation Total:						0.00
Nutritional Consultation	15 Min	0	0.00	0.01	0.00	
Personal Emergency Response System Total:						240165.00
Personal Emergency Response System	Monthly	625	10.80	35.58	240165.00	
Prevocational Services Total:						0.00
Prevocational Services	15 Min	0	0.00	0.01	0.00	
Supported Employment Total:						0.00
Supported Employment	Hour	0	0.00	0.01	0.00	
GRAND TOTAL:						92696482.89
Total Estimated Unduplicated Participants:						1485
Factor D (Divide total by number of participants):						62421.87
Average Length of Stay on the Waiver:						302

Waiver Service/Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Vehicle Modifications Total:						187890.23
Vehicle Modifications	Per Adaptation	11	1.00	17080.93	187890.23	
GRAND TOTAL:						92696482.89
Total Estimated Unduplicated Participants:						1485
Factor D (Divide total by number of participants):						62421.87
Average Length of Stay on the Waiver:						302

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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:						295965.74
Basic Day	Full Day	51	85.60	58.39	254907.38	
Enhanced Day	Full Day	5	106.70	75.01	40017.84	
Basic Half Day	Half Day	1	34.80	29.90	1040.52	
Enhanced Half Day	Half Day	0	0.00	0.01	0.00	
Employment Skills Development Total:						776100.86
Employment Skills Development	15 Min	12	4323.20	14.96	776100.86	
Job Coaching (Intensive and Extended Follow-along) Total:						387667.68
Job Coaching (Intensive and Extended Follow-along)	15 Min	2	17832.00	10.87	387667.68	
Personal Assistance Services Total:						40723606.00
CSLA	15 Min	29	2404.30	4.97	346531.76	
Agency					24021341.28	
GRAND TOTAL:						71716495.72
Total Estimated Unduplicated Participants:						1446
Factor D (Divide total by number of participants):						49596.47
Average Length of Stay on the Waiver:						227

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
	15 Min	740	6651.90	4.88		
Participant-Directed	15 Min	654	6236.60	4.01	16355732.96	
Residential Habilitation Services Total:						7072176.92
Residential Habilitation Licensed	Per Diem	37	210.10	247.67	1925312.28	
Residential Habilitation Unlicensed	Per Diem	59	233.90	264.15	3645296.42	
Residential Habilitation Enhanced 1:1	Hour	45	1597.10	19.79	1422297.40	
Residential Habilitation Enhanced 2:1	Hour	2	1001.40	39.58	79270.82	
Respite Total:						85576.83
Agency	15 Min	10	714.00	4.78	34129.20	
Participant-Directed	15 Min	13	1007.00	3.93	51447.63	
Service Coordination Total:						2376786.94
Service Coordination	15 Min	1443	81.50	20.21	2376786.94	
Structured Day Habilitation Services Total:						2825407.22
Structured Day Habilitation	Hour	96	767.80	34.56	2547376.13	
Structured Day Habilitation - Enhanced 1:1	Hour	28	506.10	19.62	278031.10	
Structured Day Habilitation - Enhanced 2:1	Hour	0	0.00	0.01	0.00	
Behavior Therapy Services Total:						561018.15
Behavior Therapy Services	15 Min	75	359.80	20.79	561018.15	
Nursing Services Total:						11917390.20
Nursing Services	15 Min	115	6261.60	16.55	11917390.20	
Occupational Therapy Total:						141082.44
Occupational Therapy	15 Min	37	179.10	21.29	141082.44	
Physical Therapy						114392.60
GRAND TOTAL:					71716495.72	
Total Estimated Unduplicated Participants:					1446	
Factor D (Divide total by number of participants):					49596.47	
Average Length of Stay on the Waiver:						227

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Services Total:						
Physical Therapy Services	15 Min	35	161.80	20.20	114392.60	
Specialized Medical Equipment and Supplies Total:						38506.84
Specialized Medical Equipment and Supplies	Per Purchase	51	3.10	243.56	38506.84	
Speech and Language Therapy Services Total:						83895.67
Speech and Language Therapy Services	15 Min	31	124.60	21.72	83895.67	
Assistive Technology Total:						5259.17
Assistive Technology	Per Purchase	8	0.90	730.44	5259.17	
Benefits Counseling Total:						0.00
Benefits Counseling	15 Min	0	0.00	0.01	0.00	
Career Assessment Total:						1817.60
Career Assessment	15 Min	2	14.20	64.00	1817.60	
Cognitive Rehabilitation Therapy Services Total:						2476789.20
Cognitive Rehabilitation Therapy Services	15 Min	180	974.50	14.12	2476789.20	
Community Integration Total:						117373.10
Community Integration	15 Min	17	1062.20	6.50	117373.10	
Community Transition Services Total:						0.00
Community Transition Services	Per Purchase	0	0.00	0.01	0.00	
Counseling Services Total:						3750.00
Counseling Services	15 Min	5	12.50	60.00	3750.00	
Home Adaptations Total:						792360.36
Home Adaptations	Per Purchase	135	0.80	7336.67	792360.36	
Job Finding Total:						768.00
GRAND TOTAL:						71716495.72
Total Estimated Unduplicated Participants:						1446
Factor D (Divide total by number of participants):						49596.47
Average Length of Stay on the Waiver:						227

Waiver Service/Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Job Finding	15 Min	4	3.20	60.00	768.00	
Non-Medical Transportation Total:						431370.20
Non-Medical Transportation	Per Trip	378	44.70	25.53	431370.20	
Nutritional Consultation Total:						0.00
Nutritional Consultation	15 Min	0	0.00	0.01	0.00	
Personal Emergency Response System Total:						160191.16
Personal Emergency Response System	Monthly	618	8.30	31.23	160191.16	
Prevocational Services Total:						0.00
Prevocational Services	15 Min	0	0.00	0.01	0.00	
Supported Employment Total:						0.00
Supported Employment	Hour	0	0.00	0.01	0.00	
Vehicle Modifications Total:						327242.83
Vehicle Modifications	Per Adaptation	17	0.90	21388.42	327242.83	
GRAND TOTAL:						71716495.72
Total Estimated Unduplicated Participants:						1446
Factor D (Divide total by number of participants):						49596.47
Average Length of Stay on the Waiver:						227

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:						216080.61
Basic Day	Full Day				180331.68	
GRAND TOTAL:						41503471.68
Total Estimated Unduplicated Participants:						627
Factor D (Divide total by number of participants):						66193.73
Average Length of Stay on the Waiver:						209

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
		28	110.30	58.39		
Enhanced Day	Full Day	4	112.60	75.01	33784.50	
Basic Half Day	Half Day	1	65.70	29.90	1964.43	
Enhanced Half Day	Half Day	0	0.00	0.01	0.00	
Employment Skills Development Total:						227900.64
Employment Skills Development	15 Min	12	1269.50	14.96	227900.64	
Job Coaching (Intensive and Extended Follow- along) Total:						94108.11
Job Coaching (Intensive and Extended Follow- along)	15 Min	2	4328.80	10.87	94108.11	
Personal Assistance Services Total:						24481302.61
CSLA	15 Min	17	2860.10	4.97	241649.85	
Agency	15 Min	391	7252.50	4.88	13838350.20	
Participant- Directed	15 Min	362	6974.00	4.12	10401302.56	
Residential Habilitation Services Total:						3780663.60
Residential Habilitation Licensed	Per Diem	18	249.30	247.67	1111394.36	
Residential Habilitation Unlicensed	Per Diem	25	257.50	264.15	1700465.62	
Residential Habilitation Enhanced 1:1	Hour	21	1654.80	19.79	687718.33	
Residential Habilitation Enhanced 2:1	Hour	1	7101.70	39.58	281085.29	
Respite Total:						45996.12
Agency	15 Min	6	716.90	4.78	20560.69	
Participant- Directed	15 Min	9	684.30	4.13	25435.43	
Service Coordination Total:						1206342.98
Service Coordination	15 Min	627	95.20	20.21	1206342.98	
GRAND TOTAL:						41503471.68
Total Estimated Unduplicated Participants:						627
Factor D (Divide total by number of participants):						66193.73
Average Length of Stay on the Waiver:						209

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Structured Day Habilitation Services Total:						1520872.42
Structured Day Habilitation	Hour	49	814.40	34.56	1379137.54	
Structured Day Habilitation - Enhanced 1:1	Hour	15	481.60	19.62	141734.88	
Structured Day Habilitation - Enhanced 2:1	Hour	0	0.00	0.01	0.00	
Behavior Therapy Services Total:						324906.12
Behavior Therapy Services	15 Min	40	390.70	20.79	324906.12	
Nursing Services Total:						7010232.45
Nursing Services	15 Min	65	6516.60	16.55	7010232.45	
Occupational Therapy Total:						88630.27
Occupational Therapy	15 Min	23	181.00	21.29	88630.27	
Physical Therapy Services Total:						61634.24
Physical Therapy Services	15 Min	16	190.70	20.20	61634.24	
Specialized Medical Equipment and Supplies Total:						44801.82
Specialized Medical Equipment and Supplies	Per Purchase	28	3.10	516.15	44801.82	
Speech and Language Therapy Services Total:						50325.24
Speech and Language Therapy Services	15 Min	14	165.50	21.72	50325.24	
Assistive Technology Total:						2147.80
Assistive Technology	Per Purchase	4	0.90	596.61	2147.80	
Benefits Counseling Total:						443.62
Benefits Counseling	15 Min	3	12.50	11.83	443.62	
Career Assessment Total:						0.00
Career Assessment	15 Min	0	0.00	0.01	0.00	
Cognitive Rehabilitation						1288421.76
GRAND TOTAL:						41503471.68
Total Estimated Unduplicated Participants:						627
Factor D (Divide total by number of participants):						66193.73
Average Length of Stay on the Waiver:						209

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Therapy Services Total:						
Cognitive Rehabilitation Therapy Services	15 Min	96	950.50	14.12	1288421.76	
Community Integration Total:						70427.50
Community Integration	15 Min	10	1083.50	6.50	70427.50	
Community Transition Services Total:						2039.15
Community Transition Services	Per Purchase	1	1.60	1274.47	2039.15	
Counseling Services Total:						2250.00
Counseling Services	15 Min	3	12.50	60.00	2250.00	
Home Adaptations Total:						462472.70
Home Adaptations	Per Adaptation	64	0.90	8029.04	462472.70	
Job Finding Total:						2184.00
Job Finding	15 Min	2	18.20	60.00	2184.00	
Non-Medical Transportation Total:						256268.47
Non-Medical Transportation	Per Trip	227	40.80	27.67	256268.47	
Nutritional Consultation Total:						0.00
Nutritional Consultation	15 Min	0	0.00	0.01	0.00	
Personal Emergency Response System Total:						102279.11
Personal Emergency Response System	Monthly	322	8.70	36.51	102279.11	
Prevocational Services Total:						0.00
Prevocational Services	15 Min	0	0.00	0.01	0.00	
Supported Employment Total:						0.00
Supported Employment	Hour	0	0.00	0.01	0.00	
Vehicle Modifications Total:						160740.32
Vehicle Modifications	Per Adaptation	10	0.80	20092.54	160740.32	
GRAND TOTAL:					41503471.68	
Total Estimated Unduplicated Participants:					627	
Factor D (Divide total by number of participants):					66193.73	
Average Length of Stay on the Waiver:						209

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:						147053.28
Basic Day	Full Day	14	151.50	58.39	123845.19	
Enhanced Day	Full Day	2	154.70	75.01	23208.09	
Basic Half Day	Half Day	0	90.20	29.90	0.00	
Enhanced Half Day	Half Day	0	0.00	0.01	0.00	
Employment Skills Development Total:						156523.49
Employment Skills Development	15 Min	12	871.90	14.96	156523.49	
Job Coaching (Intensive and Extended Follow- along) Total:						64635.19
Job Coaching (Intensive and Extended Follow- along)	15 Min	2	2973.10	10.87	64635.19	
Personal Assistance Services Total:						16799464.06
CSLA	15 Min	9	3928.80	4.97	175735.22	
Agency	15 Min	195	9962.20	4.88	9480029.52	
Participant-Directed	15 Min	181	9579.60	4.12	7143699.31	
Residential Habilitation Services Total:						2427877.38
Residential Habilitation Licensed	Per Diem	9	342.50	247.67	763442.78	
Residential Habilitation Unlicensed	Per Diem	13	353.70	264.15	1214588.12	
Residential					449846.49	
GRAND TOTAL:						28652627.39
Total Estimated Unduplicated Participants:						420
Factor D (Divide total by number of participants):						68220.54
Average Length of Stay on the Waiver:						204

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Habilitation Enhanced 1:1	Hour	10	2273.10	19.79		
Residential Habilitation Enhanced 2:1	Hour	0	9755.10	39.58	0.00	
Respite Total:						29650.83
Agency	15 Min	3	984.80	4.78	14122.03	
Participant-Directed	15 Min	4	940.00	4.13	15528.80	
Service Coordination Total:						1040730.12
Service Coordination	15 Min	394	130.70	20.21	1040730.12	
Structured Day Habilitation Services Total:						1070315.14
Structured Day Habilitation	Hour	25	1118.60	34.56	966470.40	
Structured Day Habilitation - Enhanced 1:1	Hour	8	661.60	19.62	103844.74	
Structured Day Habilitation - Enhanced 2:1	Hour	0	0.00	0.01	0.00	
Behavior Therapy Services Total:						223159.86
Behavior Therapy Services	15 Min	20	536.70	20.79	223159.86	
Nursing Services Total:						4888807.11
Nursing Services	15 Min	33	8951.40	16.55	4888807.11	
Occupational Therapy Total:						63512.33
Occupational Therapy	15 Min	12	248.60	21.29	63512.33	
Physical Therapy Services Total:						42339.20
Physical Therapy Services	15 Min	8	262.00	20.20	42339.20	
Specialized Medical Equipment and Supplies Total:						31072.23
Specialized Medical Equipment and Supplies	Per Purchase	14	4.30	516.15	31072.23	
Speech and Language Therapy Services Total:						34558.69
Speech and Language Therapy	15 Min	7	227.30	21.72	34558.69	
GRAND TOTAL:						28652627.39
Total Estimated Unduplicated Participants:						420
Factor D (Divide total by number of participants):						68220.54
Average Length of Stay on the Waiver:						204

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Services						
Assistive Technology Total:						1551.19
Assistive Technology	Per Purchase	2	1.30	596.61	1551.19	
Benefits Counseling Total:						1026.84
Benefits Counseling	15 Min	1	86.80	11.83	1026.84	
Career Assessment Total:						0.00
Career Assessment	15 Min	0	0.00	0.01	0.00	
Cognitive Rehabilitation Therapy Services Total:						884951.23
Cognitive Rehabilitation Therapy Services	15 Min	48	1305.70	14.12	884951.23	
Community Integration Total:						48369.75
Community Integration	15 Min	5	1488.30	6.50	48369.75	
Community Transition Services Total:						2803.83
Community Transition Services	Per Purchase	1	2.20	1274.47	2803.83	
Counseling Services Total:						1026.00
Counseling Services	15 Min	1	17.10	60.00	1026.00	
Home Adaptations Total:						334008.06
Home Adaptations	Per Adaptation	32	1.30	8029.04	334008.06	
Job Finding Total:						1500.00
Job Finding	15 Min	1	25.00	60.00	1500.00	
Non-Medical Transportation Total:						176645.28
Non-Medical Transportation	Per Trip	114	56.00	27.67	176645.28	
Nutritional Consultation Total:						0.00
Nutritional Consultation	15 Min	0	0.00	0.01	0.00	
Personal Emergency Response System Total:						70537.32
GRAND TOTAL:						28652627.39
Total Estimated Unduplicated Participants:						420
Factor D (Divide total by number of participants):						68220.54
Average Length of Stay on the Waiver:						204

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
Personal Emergency Response System	Monthly	161	12.00	36.51	70537.32	
Prevocational Services Total:						0.00
Prevocational Services	15 Min	0	0.00	0.01	0.00	
Supported Employment Total:						0.00
Supported Employment	Hour	0	0.00	0.01	0.00	
Vehicle Modifications Total:						110508.97
Vehicle Modifications	Per Adaptation	5	1.10	20092.54	110508.97	
GRAND TOTAL:					28652627.39	
Total Estimated Unduplicated Participants:					420	
Factor D (Divide total by number of participants):					68220.54	
Average Length of Stay on the Waiver:					204	