

## 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	63831.49	6661.00	70492.49	145505.00	7666.00	153171.00	82678.51
2	66628.00	6567.00	73195.00	147294.00	7889.00	155183.00	81988.00
3	69605.97	6466.00	76071.97	149083.00	8111.00	157194.00	81122.03
4	72327.77	6357.00	78684.77	150873.00	8334.00	159207.00	80522.23
5	75099.22	6241.00	81340.22	152662.00	8556.00	161218.00	79877.78

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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	1446		1446
Year 2	1455		1455
Year 3	1464		1464
Year 4	1473		1473
Year 5	1482		1482

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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 years.

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 renewal, OLTJ reviewed the 372 reports for state fiscal years 2012-2013, 2013-14 and 2014-15 then projected forward by applying a regression trend derived from actual Medicaid waiver user, service utilization and cost data.

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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 for these estimates is as follows:

Factor D is based on actual history of utilization and establishing a percentage 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 regression trend derived from actual Medicaid waiver user, service utilization and cost data.

- 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 is used from SFY 12/13, SFY 13/14, SFY 14/15.

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.

OLTL believes that Factor D' is less than Factor G' because the ICF/IDD regulations require specific annual health care services. Residents of ICF/IDDs may have greater access to health care benefits for two reasons: 1) the facility has an incentive to ensure that residents receive all necessary care since the facility is being reviewed and licensed, and 2) we are comparing a population that is required by regulation to have minimum annual health care services against a population that can essentially choose whether or not to follow a recommended course of treatment.

- 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.

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 is used from SFY 12/13, SFY 13/14, and SFY 14/15.

- 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 cost.

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 12/13, SFY 13/14, and SFY 14/15.

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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	
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	
Cognitive Rehabilitation Therapy Services	
Community Integration	
Community Transition Services	

<b>Waiver Services</b>	
<b>Counseling Services</b>	
<b>Home Adaptations</b>	
<b>Non-Medical Transportation</b>	
<b>Nutritional Consultation</b>	
<b>Personal Emergency Response System</b>	
<b>Prevocational Services</b>	
<b>Supported Employment</b>	
<b>Vehicle Modifications</b>	

**Appendix J: Cost Neutrality Demonstration**

**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
<b>Adult Daily Living Total:</b>						<b>372159.38</b>
Basic Day	Full Day	43	130.90	59.80	336596.26	
Enhanced Day	Full Day	3	132.30	75.01	29771.47	
Basic Half Day	Half Day	1	144.90	29.90	4332.51	
Enhanced Half Day	Half Day	1	38.90	37.51	1459.14	
<b>Personal Assistance Services Total:</b>						<b>58731553.13</b>
CSLA	15 Min	43	4046.80	4.86	845700.26	
Agency	15 Min	736	9159.50	4.68	31549714.56	
Participant-Directed	15 Min	729	11360.50	3.18	26336138.31	
<b>Residential Habilitation Services Total:</b>						<b>7813299.47</b>
Residential Habilitation Licensed	Per Diem	34	333.20	247.67	2805803.90	
Residential Habilitation Unlicensed	Per Diem	49	276.80	264.15	3582719.28	
Residential Habilitation Enhanced 1:1	Hour	36	1671.60	19.74	1187905.82	
Residential Habilitation Enhanced 2:1	Hour	1	5984.60	39.58	236870.47	
<b>Respite Total:</b>						<b>167470.03</b>
Agency					51651.60	
<b>GRAND TOTAL:</b>						92300332.67
Total Estimated Unduplicated Participants:						1446
Factor D (Divide total by number of participants):						63831.49
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
	15 Min	13	860.00	4.62		
Participant-Directed	15 Min	18	1792.30	3.59	115818.43	
<b>Service Coordination Total:</b>						3191843.59
Service Coordination	15 Min	1444	111.30	19.86	3191843.59	
<b>Structured Day Habilitation Services Total:</b>						3335396.45
Structured Day Habilitation	Hour	77	1120.50	34.56	2981784.96	
Structured Day Habilitation - Enhanced 1:1	Hour	24	687.50	19.62	323730.00	
Structured Day Habilitation - Enhanced 2:1	Hour	1	761.70	39.23	29881.49	
<b>Behavior Therapy Services Total:</b>						733321.51
Behavior Therapy Services	15 Min	72	489.90	20.79	733321.51	
<b>Nursing Services Total:</b>						9061135.87
Nursing Services	15 Min	114	6996.80	11.36	9061135.87	
<b>Occupational Therapy Total:</b>						132991.32
Occupational Therapy	15 Min	56	116.70	20.35	132991.32	
<b>Physical Therapy Services Total:</b>						108446.43
Physical Therapy Services	15 Min	46	117.70	20.03	108446.43	
<b>Specialized Medical Equipment and Supplies Total:</b>						31873.65
Specialized Medical Equipment and Supplies	Per Purchase	37	2.50	344.58	31873.65	
<b>Speech and Language Therapy Services Total:</b>						184956.66
Speech and Language Therapy Services	15 Min	35	243.30	21.72	184956.66	
<b>Assistive Technology Total:</b>						2098.18
Assistive Technology	Per Purchase	5	1.40	299.74	2098.18	
<b>Cognitive Rehabilitation Therapy Services Total:</b>						2935289.60
Cognitive Rehabilitation Therapy Services	15 Min	151	1376.70	14.12	2935289.60	
<b>Community Integration Total:</b>						416761.80
Community Integration	15 Min	40	1571.50	6.63	416761.80	
<b>Community Transition Services Total:</b>						206.00
Community Transition Services	Per Purchase	1	20.60	10.00	206.00	
<b>GRAND TOTAL:</b>						92300332.67
Total Estimated Unduplicated Participants:						1446
Factor D (Divide total by number of participants):						63831.49
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
<b>Counseling Services Total:</b>						4993.44
Counseling Services	15 Min	7	60.30	11.83	4993.44	
<b>Home Adaptations Total:</b>						1544212.51
Home Adaptations	Per Adaptation	142	2.70	4027.68	1544212.51	
<b>Non-Medical Transportation Total:</b>						670818.02
Non-Medical Transportation	Per Trip	489	43.80	31.32	670818.02	
<b>Nutritional Consultation Total:</b>						919.84
Nutritional Consultation	15 Min	1	66.80	13.77	919.84	
<b>Personal Emergency Response System Total:</b>						250806.17
Personal Emergency Response System	Monthly	612	11.80	34.73	250806.17	
<b>Prevocational Services Total:</b>						1887885.38
Prevocational Services	15 Min	84	3522.70	6.38	1887885.38	
<b>Supported Employment Total:</b>						597995.80
Supported Employment	Hour	43	337.30	41.23	597995.80	
<b>Vehicle Modifications Total:</b>						123898.43
Vehicle Modifications	Per Adaptation	11	1.10	10239.54	123898.43	
<b>GRAND TOTAL:</b>						92300332.67
Total Estimated Unduplicated Participants:						1446
Factor D (Divide total by number of participants):						63831.49
Average Length of Stay on the Waiver:						356

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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
<b>Adult Daily Living Total:</b>						389228.31
Basic Day	Full Day	43	136.90	59.80	352024.66	
Enhanced Day					31144.15	
<b>GRAND TOTAL:</b>						96943747.12
Total Estimated Unduplicated Participants:						1455
Factor D (Divide total by number of participants):						66628.00
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
	Full Day	3	138.40	75.01		
Basic Half Day	Half Day	1	151.60	29.90	4532.84	
Enhanced Half Day	Half Day	1	40.70	37.51	1526.66	
<b>Personal Assistance Services Total:</b>						61759280.33
CSLA	15 Min	43	4232.70	4.86	884549.65	
Agency	15 Min	740	9580.10	4.68	33177802.32	
Participant-Directed	15 Min	733	11882.30	3.18	27696928.36	
<b>Residential Habilitation Services Total:</b>						8171971.68
Residential Habilitation Licensed	Per Diem	34	348.50	247.67	2934641.83	
Residential Habilitation Unlicensed	Per Diem	49	289.50	264.15	3747099.82	
Residential Habilitation Enhanced 1:1	Hour	36	1748.40	19.74	1242482.98	
Residential Habilitation Enhanced 2:1	Hour	1	6259.40	39.58	247747.05	
<b>Respite Total:</b>						181897.26
Agency	15 Min	13	899.50	4.62	54023.97	
Participant-Directed	15 Min	19	1874.70	3.59	127873.29	
<b>Service Coordination Total:</b>						3358905.91
Service Coordination	15 Min	1453	116.40	19.86	3358905.91	
<b>Structured Day Habilitation Services Total:</b>						3488696.99
Structured Day Habilitation	Hour	77	1172.00	34.56	3118832.64	
Structured Day Habilitation - Enhanced 1:1	Hour	24	719.10	19.62	338609.81	
Structured Day Habilitation - Enhanced 2:1	Hour	1	796.70	39.23	31254.54	
<b>Behavior Therapy Services Total:</b>						767001.31
Behavior Therapy Services	15 Min	72	512.40	20.79	767001.31	
<b>Nursing Services Total:</b>						9477232.22
Nursing Services	15 Min	114	7318.10	11.36	9477232.22	
<b>Occupational Therapy Total:</b>						141629.89
Occupational Therapy	15 Min	57	122.10	20.35	141629.90	
<b>GRAND TOTAL:</b>					96943747.12	
Total Estimated Unduplicated Participants:					1455	
Factor D (Divide total by number of participants):					66628.00	
Average Length of Stay on the Waiver:					356	

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
<b>Physical Therapy Services Total:</b>						113421.88
Physical Therapy Services	15 Min	46	123.10	20.03	113421.88	
<b>Specialized Medical Equipment and Supplies Total:</b>						33148.60
Specialized Medical Equipment and Supplies	Per Purchase	37	2.60	344.58	33148.60	
<b>Speech and Language Therapy Services Total:</b>						193470.90
Speech and Language Therapy Services	15 Min	35	254.50	21.72	193470.90	
<b>Assistive Technology Total:</b>						2248.05
Assistive Technology	Per Purchase	5	1.50	299.74	2248.05	
<b>Cognitive Rehabilitation Therapy Services Total:</b>						3090585.60
Cognitive Rehabilitation Therapy Services	15 Min	152	1440.00	14.12	3090585.60	
<b>Community Integration Total:</b>						435898.63
Community Integration	15 Min	40	1643.66	6.63	435898.63	
<b>Community Transition Services Total:</b>						215.00
Community Transition Services	Per Purchase	1	21.50	10.00	215.00	
<b>Counseling Services Total:</b>						5217.03
Counseling Services	15 Min	7	63.00	11.83	5217.03	
<b>Home Adaptations Total:</b>						1612683.07
Home Adaptations	Per Adaptation	143	2.80	4027.68	1612683.07	
<b>Non-Medical Transportation Total:</b>						707293.30
Non-Medical Transportation	Per Trip	492	45.90	31.32	707293.30	
<b>Nutritional Consultation Total:</b>						961.15
Nutritional Consultation	15 Min	1	69.80	13.77	961.15	
<b>Personal Emergency Response System Total:</b>						265281.63
Personal Emergency Response System	Monthly	616	12.40	34.73	265281.63	
<b>Prevocational Services Total:</b>						1998104.35
Prevocational Services	15 Min	85	3684.50	6.38	1998104.35	
<b>Supported Employment Total:</b>						625475.59
Supported Employment	Hour	43	352.80	41.23	625475.59	
<b>GRAND TOTAL:</b>						96943747.12
Total Estimated Unduplicated Participants:						1455
Factor D (Divide total by number of participants):						66628.00
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
<b>Vehicle Modifications Total:</b>						123898.43
Vehicle Modifications	Per Adaptation	11	1.10	10239.54	123898.43	
<b>GRAND TOTAL:</b>						96943747.12
Total Estimated Unduplicated Participants:						1455
Factor D (Divide total by number of participants):						66628.00
Average Length of Stay on the Waiver:						356

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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
<b>Adult Daily Living Total:</b>						414817.17
Basic Day	Full Day	44	142.90	59.80	375998.48	
Enhanced Day	Full Day	3	144.40	75.01	32494.33	
Basic Half Day	Half Day	1	158.20	29.90	4730.18	
Enhanced Half Day	Half Day	1	42.50	37.51	1594.18	
<b>Personal Assistance Services Total:</b>						64890202.75
CSLA	15 Min	44	4416.20	4.86	944360.21	
Agency	15 Min	745	9995.60	4.68	34850658.96	
Participant-Directed	15 Min	738	12397.60	3.18	29095183.58	
<b>Residential Habilitation Services Total:</b>						8606623.87
Residential Habilitation Licensed	Per Diem	34	363.60	247.67	3061795.61	
Residential Habilitation Unlicensed	Per Diem	50	302.10	264.15	3989985.75	
Residential Habilitation Enhanced 1:1	Hour	36	1824.20	19.74	1296349.49	
Residential Habilitation Enhanced 2:1	Hour	1	6530.90	39.58	258493.02	
<b>Respite Total:</b>						189785.07
Agency					56366.31	
<b>GRAND TOTAL:</b>						101903145.76
Total Estimated Unduplicated Participants:						1464
Factor D (Divide total by number of participants):						69605.97
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
	15 Min	13	938.50	4.62		
Participant-Directed	15 Min	19	1956.00	3.59	133418.76	
<b>Service Coordination Total:</b>						3527791.38
Service Coordination	15 Min	1462	121.50	19.86	3527791.38	
<b>Structured Day Habilitation Services Total:</b>						3682186.74
Structured Day Habilitation	Hour	78	1222.80	34.56	3296277.50	
Structured Day Habilitation - Enhanced 1:1	Hour	24	750.30	19.62	353301.26	
Structured Day Habilitation - Enhanced 2:1	Hour	1	831.20	39.23	32607.98	
<b>Behavior Therapy Services Total:</b>						811346.38
Behavior Therapy Services	15 Min	73	534.60	20.79	811346.38	
<b>Nursing Services Total:</b>						9975017.20
Nursing Services	15 Min	115	7635.50	11.36	9975017.20	
<b>Occupational Therapy Total:</b>						147777.63
Occupational Therapy	15 Min	57	127.40	20.35	147777.63	
<b>Physical Therapy Services Total:</b>						120877.04
Physical Therapy Services	15 Min	47	128.40	20.03	120877.04	
<b>Specialized Medical Equipment and Supplies Total:</b>						35698.49
Specialized Medical Equipment and Supplies	Per Purchase	37	2.80	344.58	35698.49	
<b>Speech and Language Therapy Services Total:</b>						201833.10
Speech and Language Therapy Services	15 Min	35	265.50	21.72	201833.10	
<b>Assistive Technology Total:</b>						2397.92
Assistive Technology	Per Purchase	5	1.60	299.74	2397.92	
<b>Cognitive Rehabilitation Therapy Services Total:</b>						3245724.86
Cognitive Rehabilitation Therapy Services	15 Min	153	1502.40	14.12	3245724.86	
<b>Community Integration Total:</b>						454791.48
Community Integration	15 Min	40	1714.90	6.63	454791.48	
<b>Community Transition Services Total:</b>						224.00
Community Transition Services	Per Purchase	1	22.40	10.00	224.00	
<b>GRAND TOTAL:</b>						101903145.76
Total Estimated Unduplicated Participants:						1464
Factor D (Divide total by number of participants):						69605.97
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
<b>Counseling Services Total:</b>						5448.90
Counseling Services	15 Min	7	65.80	11.83	5448.90	
<b>Home Adaptations Total:</b>						1681959.17
Home Adaptations	Per Adaptation	144	2.90	4027.68	1681959.17	
<b>Non-Medical Transportation Total:</b>						742612.86
Non-Medical Transportation	Per Trip	495	47.90	31.32	742612.86	
<b>Nutritional Consultation Total:</b>						1003.83
Nutritional Consultation	15 Min	1	72.90	13.77	1003.83	
<b>Personal Emergency Response System Total:</b>						277322.52
Personal Emergency Response System	Monthly	619	12.90	34.73	277322.52	
<b>Prevocational Services Total:</b>						2084763.89
Prevocational Services	15 Min	85	3844.30	6.38	2084763.89	
<b>Supported Employment Total:</b>						667777.57
Supported Employment	Hour	44	368.10	41.23	667777.57	
<b>Vehicle Modifications Total:</b>						135161.93
Vehicle Modifications	Per Adaptation	11	1.20	10239.54	135161.93	
<b>GRAND TOTAL:</b>						101903145.76
Total Estimated Unduplicated Participants:						1464
Factor D (Divide total by number of participants):						69605.97
Average Length of Stay on the Waiver:						356

## 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
<b>Adult Daily Living Total:</b>						431686.42
Basic Day	Full Day	44	148.70	59.80	391259.44	
Enhanced Day					33844.51	
<b>GRAND TOTAL:</b>						106538808.44
Total Estimated Unduplicated Participants:						1473
Factor D (Divide total by number of participants):						72327.77
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
	Full Day	3	150.40	75.01		
Basic Half Day	Half Day	1	164.70	29.90	4924.53	
Enhanced Half Day	Half Day	1	44.20	37.51	1657.94	
<b>Personal Assistance Services Total:</b>						67962086.50
CSLA	15 Min	44	4597.50	4.86	983129.40	
Agency	15 Min	750	10406.00	4.68	36525060.00	
Participant-Directed	15 Min	742	12906.60	3.18	30453897.10	
<b>Residential Habilitation Services Total:</b>						8846024.29
Residential Habilitation Licensed	Per Diem	34	365.00	247.67	3073584.70	
Residential Habilitation Unlicensed	Per Diem	50	314.50	264.15	4153758.75	
Residential Habilitation Enhanced 1:1	Hour	36	1899.10	19.74	1349576.42	
Residential Habilitation Enhanced 2:1	Hour	1	6799.00	39.58	269104.42	
<b>Respite Total:</b>						202094.85
Agency	15 Min	14	977.10	4.62	63198.83	
Participant-Directed	15 Min	19	2036.30	3.59	138896.02	
<b>Service Coordination Total:</b>						3695578.59
Service Coordination	15 Min	1471	126.50	19.86	3695578.59	
<b>Structured Day Habilitation Services Total:</b>						3833354.65
Structured Day Habilitation	Hour	78	1273.00	34.56	3431600.64	
Structured Day Habilitation - Enhanced 1:1	Hour	24	781.10	19.62	367804.37	
Structured Day Habilitation - Enhanced 2:1	Hour	1	865.40	39.23	33949.64	
<b>Behavior Therapy Services Total:</b>						844583.35
Behavior Therapy Services	15 Min	73	556.50	20.79	844583.36	
<b>Nursing Services Total:</b>						10474874.24
Nursing Services	15 Min	116	7949.00	11.36	10474874.24	
<b>Occupational Therapy Total:</b>						153809.37
Occupational Therapy	15 Min	57	132.60	20.35	153809.37	
<b>GRAND TOTAL:</b>						106538808.44
Total Estimated Unduplicated Participants:						1473
Factor D (Divide total by number of participants):						72327.77
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
<b>Physical Therapy Services Total:</b>						125866.52
Physical Therapy Services	15 Min	47	133.70	20.03	125866.52	
<b>Specialized Medical Equipment and Supplies Total:</b>						37972.72
Specialized Medical Equipment and Supplies	Per Purchase	38	2.90	344.58	37972.72	
<b>Speech and Language Therapy Services Total:</b>						210119.28
Speech and Language Therapy Services	15 Min	35	276.40	21.72	210119.28	
<b>Assistive Technology Total:</b>						2397.92
Assistive Technology	Per Purchase	5	1.60	299.74	2397.92	
<b>Cognitive Rehabilitation Therapy Services Total:</b>						3379019.08
Cognitive Rehabilitation Therapy Services	15 Min	153	1564.10	14.12	3379019.08	
<b>Community Integration Total:</b>						485298.10
Community Integration	15 Min	41	1785.30	6.63	485298.10	
<b>Community Transition Services Total:</b>						234.00
Community Transition Services	Per Purchase	1	23.40	10.00	234.00	
<b>Counseling Services Total:</b>						5672.48
Counseling Services	15 Min	7	68.50	11.83	5672.48	
<b>Home Adaptations Total:</b>						1752040.80
Home Adaptations	Per Adaptation	145	3.00	4027.68	1752040.80	
<b>Non-Medical Transportation Total:</b>						776748.53
Non-Medical Transportation	Per Trip	498	49.80	31.32	776748.53	
<b>Nutritional Consultation Total:</b>						1045.14
Nutritional Consultation	15 Min	1	75.90	13.77	1045.14	
<b>Personal Emergency Response System Total:</b>						292096.66
Personal Emergency Response System	Monthly	623	13.50	34.73	292096.66	
<b>Prevocational Services Total:</b>						2195872.23
Prevocational Services	15 Min	86	4002.10	6.38	2195872.23	
<b>Supported Employment Total:</b>						695170.78
Supported Employment	Hour	44	383.20	41.23	695170.78	
<b>GRAND TOTAL:</b>						106538808.44
Total Estimated Unduplicated Participants:						1473
Factor D (Divide total by number of participants):						72327.77
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
<b>Vehicle Modifications Total:</b>						<b>135161.93</b>
Vehicle Modifications	Per Adaptation	11	1.20	10239.54	135161.93	
<b>GRAND TOTAL:</b>						<b>106538808.44</b>
Total Estimated Unduplicated Participants:						1473
Factor D (Divide total by number of participants):						72327.77
Average Length of Stay on the Waiver:						356

## 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
<b>Adult Daily Living Total:</b>						<b>448511.44</b>
Basic Day	Full Day	44	154.50	59.80	406520.40	
Enhanced Day	Full Day	3	156.20	75.01	35149.69	
Basic Half Day	Half Day	1	171.10	29.90	5115.89	
Enhanced Half Day	Half Day	1	46.00	37.51	1725.46	
<b>Personal Assistance Services Total:</b>						<b>71025583.81</b>
CSLA	15 Min	44	4776.70	4.86	1021449.53	
Agency	15 Min	754	10811.40	4.68	38150403.41	
Participant-Directed	15 Min	747	13409.50	3.18	31853730.87	
<b>Residential Habilitation Services Total:</b>						<b>9160627.45</b>
Residential Habilitation Licensed	Per Diem	35	365.00	247.67	3163984.25	
Residential Habilitation Unlicensed	Per Diem	50	326.70	264.15	4314890.25	
Residential Habilitation Enhanced 1:1	Hour	36	1973.10	19.74	1402163.78	
Residential Habilitation Enhanced 2:1	Hour	1	7063.90	39.58	279589.16	
<b>Respite Total:</b>						<b>209961.74</b>
Agency					65656.67	
<b>GRAND TOTAL:</b>						<b>111297049.68</b>
Total Estimated Unduplicated Participants:						1482
Factor D (Divide total by number of participants):						75099.22
Average Length of Stay on the Waiver:						356

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
	15 Min	14	1015.10	4.62		
Participant-Directed	15 Min	19	2115.60	3.59	144305.08	
<b>Service Coordination Total:</b>						3862213.92
Service Coordination	15 Min	1480	131.40	19.86	3862213.92	
<b>Structured Day Habilitation Services Total:</b>						4028406.24
Structured Day Habilitation	Hour	79	1322.60	34.56	3611015.42	
Structured Day Habilitation - Enhanced 1:1	Hour	24	811.50	19.62	382119.12	
Structured Day Habilitation - Enhanced 2:1	Hour	1	899.10	39.23	35271.69	
<b>Behavior Therapy Services Total:</b>						889537.57
Behavior Therapy Services	15 Min	74	578.20	20.79	889537.57	
<b>Nursing Services Total:</b>						10976803.34
Nursing Services	15 Min	117	8258.70	11.36	10976803.34	
<b>Occupational Therapy Total:</b>						162645.34
Occupational Therapy	15 Min	58	137.80	20.35	162645.34	
<b>Physical Therapy Services Total:</b>						130761.85
Physical Therapy Services	15 Min	47	138.90	20.03	130761.85	
<b>Specialized Medical Equipment and Supplies Total:</b>						39282.12
Specialized Medical Equipment and Supplies	Per Purchase	38	3.00	344.58	39282.12	
<b>Speech and Language Therapy Services Total:</b>						224567.42
Speech and Language Therapy Services	15 Min	36	287.20	21.72	224567.42	
<b>Assistive Technology Total:</b>						2547.79
Assistive Technology	Per Purchase	5	1.70	299.74	2547.79	
<b>Cognitive Rehabilitation Therapy Services Total:</b>						3533530.00
Cognitive Rehabilitation Therapy Services	15 Min	154	1625.00	14.12	3533530.00	
<b>Community Integration Total:</b>						504217.47
Community Integration	15 Min	41	1854.90	6.63	504217.47	
<b>Community Transition Services Total:</b>						243.00
Community Transition Services	Per Purchase	1	24.30	10.00	243.00	
<b>GRAND TOTAL:</b>					111297049.68	
Total Estimated Unduplicated Participants:					1482	
Factor D (Divide total by number of participants):					75099.22	
Average Length of Stay on the Waiver:					356	

Waiver Service/ Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Component Cost	Total Cost
<b>Counseling Services Total:</b>						5887.79
Counseling Services	15 Min	7	71.10	11.83	5887.79	
<b>Home Adaptations Total:</b>						1822927.97
Home Adaptations	Per Adaptation	146	3.10	4027.68	1822927.97	
<b>Non-Medical Transportation Total:</b>						812810.38
Non-Medical Transportation	Per Trip	501	51.80	31.32	812810.38	
<b>Nutritional Consultation Total:</b>						1085.08
Nutritional Consultation	15 Min	1	78.80	13.77	1085.08	
<b>Personal Emergency Response System Total:</b>						304859.94
Personal Emergency Response System	Monthly	627	14.00	34.73	304859.94	
<b>Prevocational Services Total:</b>						2281411.44
Prevocational Services	15 Min	86	4158.00	6.38	2281411.44	
<b>Supported Employment Total:</b>						722201.17
Supported Employment	Hour	44	398.10	41.23	722201.17	
<b>Vehicle Modifications Total:</b>						146425.42
Vehicle Modifications	Per Adaptation	11	1.30	10239.54	146425.42	
<b>GRAND TOTAL:</b>						111297049.68
Total Estimated Unduplicated Participants:						1482
Factor D (Divide total by number of participants):						75099.22
Average Length of Stay on the Waiver:						356