

Appendices on Demographic and Health Conditions

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Appendix 1
Utilization and Costs for Selected Demographic and Health
Condition Subpopulations

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Table A.1-1
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by age

Measures by setting	Baseline period 1 7/1/2011–6/30/2012						Baseline period 2 7/1/2012–6/30/2013						Demonstration period 7/1/2013–12/31/2014					
	Demonstration			Comparison			Demonstration			Comparison			Demonstration			Comparison		
	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +
Number of beneficiaries	12,596	6,253	9,205	24,176	13,516	21,691	11,973	6,266	9,329	22,392	12,939	21,090	9,878	5,360	5,548	22,372	12,933	20,584
Institutional setting																		
Inpatient admissions ¹																		
% with use	5.6	5.9	5.1	6.3	7.8	6.9	5.8	6.4	5.6	6.3	7.7	7.3	5.4	5.8	5.5	5.6	6.6	6.1
Utilization per 1,000 user months	199.0	189.9	166.1	211.0	208.6	187.8	199.7	187.9	171.8	212.0	218.5	198.8	167.8	156.7	152.3	161.0	158.0	150.3
Utilization per 1,000 eligible months	63.9	65.5	55.0	70.7	86.8	74.9	65.9	70.7	60.4	70.3	85.6	79.7	60.3	63.4	59.7	61.5	71.8	66.4
Expenditures per user months (\$)	2,452	2,221	1,772	2,161	2,094	1,642	2,686	2,426	1,990	2,413	2,228	1,796	2,327	2,042	1,778	1,827	1,755	1,354
Expenditures per eligible months (\$)	785	766	586	720	871	654	884	912	699	799	873	719	835	826	696	698	796	598
Inpatient psychiatric admissions																		
% with use	0.6	0.2	0.1	1.2	0.6	0.5	0.6	0.2	0.1	1.2	0.6	0.4	0.5	0.2	0.1	1.1	0.6	0.4
Utilization per 1,000 user months	159.4	137.4	116.5	184.4	144.8	131.0	166.6	150.1	123.2	188.0	132.5	134.5	128.3	110.3	100.2	137.3	100.2	94.1
Utilization per 1,000 eligible months	7.2	2.8	1.1	13.7	6.6	5.0	7.4	2.9	1.1	13.1	6.5	4.8	5.5	2.2	1.0	12.8	6.6	4.2
Expenditures per user months (\$)	1,303	1,319	1,456	1,145	1,172	1,117	1,368	1,429	1,924	1,138	1,090	1,222	1,104	1,454	1,348	857	797	854
Expenditures per eligible months (\$)	57	26	14	83	53	42	59	26	17	78	53	43	46	27	13	79	52	38
Inpatient substance abuse																		
% with use	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Utilization per 1,000 user months	148.1	123.2	101.0	136.1	95.2	94.3	132.0	120.0	83.3	156.4	126.6	86.5	110.2	82.3	131.6	105.0	74.3	89.5
Utilization per 1,000 eligible months	0.9	0.4	0.1	1.5	0.3	0.1	1.1	0.3	0.0	1.8	0.1	0.1	0.8	0.2	0.1	1.4	0.1	0.1
Expenditures per user months (\$)	739	855	497	545	337	441	796	694	1,441	760	556	302	672	860	585	578	370	504
Expenditures per eligible months (\$)	4	3	1	6	1	0	7	1	1	9	1	0	5	2	0	8	1	1

(continued)

Table A.1-1 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by age

Measures by setting	Baseline period 1 7/1/2011–6/30/2012						Baseline period 2 7/1/2012–6/30/2013						Demonstration period 7/1/2013–12/31/2014					
	Demonstration			Comparison			Demonstration			Comparison			Demonstration			Comparison		
	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +
Emergency department (non-admit)																		
% with use	12.6	7.7	6.1	12.5	8.4	6.5	12.3	8.3	6.5	12.8	8.5	6.7	13.0	8.6	7.4	12.4	8.2	6.5
Utilization per 1,000 user months	338.0	219.7	180.4	324.2	229.4	184.8	313.4	223.0	188.2	322.9	223.2	191.5	289.4	199.3	173.5	280.2	188.6	164.5
Utilization per 1,000 eligible months	184.5	96.8	70.5	178.0	106.4	77.1	171.9	102.6	75.5	180.6	105.9	79.2	180.4	105.3	86.6	177.1	101.7	79.1
Expenditures per user months (\$)	133	112	103	107	97	80	133	127	114	116	103	92	134	116	110	110	96	81
Expenditures per eligible months (\$)	72	49	40	58	45	33	73	58	46	64	49	38	83	61	55	69	51	39
Emergency department (psychiatric)																		
% with use	1.1	0.3	0.2	0.8	0.3	0.2	1.1	0.3	0.2	0.7	0.3	0.2	1.0	0.3	0.2	0.7	0.2	0.2
Utilization per 1,000 user months	205.9	123.9	111.4	153.7	130.2	108.5	190.3	117.4	107.8	152.4	111.0	105.9	168.3	101.9	86.8	105.0	79.8	87.9
Utilization per 1,000 eligible months	14.3	3.1	1.6	8.9	2.8	2.2	13.3	3.2	2.1	8.0	2.9	1.8	13.1	3.3	1.9	7.3	2.6	2.6
Expenditures per user months (\$)	73	62	59	49	53	41	68	64	61	51	40	42	67	51	53	34	31	34
Expenditures per eligible months (\$)	5	2	1	3	1	1	5	2	1	3	1	1	5	2	1	2	1	1
Observation stays																		
% with use	1.0	1.1	0.9	1.3	1.4	1.0	1.1	1.2	0.9	1.5	1.6	1.2	1.2	1.2	1.2	1.6	1.6	1.2
Utilization per 1,000 user months	119.1	117.9	115.7	120.1	116.4	113.6	124.1	125.0	114.0	128.4	123.2	122.9	97.2	94.1	95.3	103.3	99.2	89.6
Utilization per 1,000 eligible months	10.7	11.4	9.0	13.7	14.5	9.9	11.9	13.1	9.7	16.2	16.4	12.2	12.9	12.3	12.1	16.9	17.0	12.6
Expenditures per user months (\$)	207	203	204	187	174	171	233	250	231	203	202	175	204	200	191	183	170	146
Expenditures per eligible months (\$)	19	20	16	21	22	15	22	26	20	26	27	17	27	26	24	30	29	20

(continued)

Table A.1-1 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by age

Measures by setting	Baseline period 1 7/1/2011–6/30/2012						Baseline period 2 7/1/2012–6/30/2013						Demonstration period 7/1/2013–12/31/2014					
	Demonstration			Comparison			Demonstration			Comparison			Demonstration			Comparison		
	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +
Skilled nursing facility																		
% with use	0.9	2.0	2.5	0.9	2.3	3.7	1.0	2.3	2.8	0.9	2.5	3.7	0.9	1.8	2.2	0.8	2.3	3.1
Utilization per 1,000 user months	162.9	164.9	168.6	163.8	170.4	167.9	172.5	176.2	177.8	181.1	176.4	174.3	132.3	133.0	142.8	129.0	126.8	126.3
Utilization per 1,000 eligible months	10.5	21.7	27.5	9.4	25.3	40.4	11.3	24.8	30.1	10.1	28.1	40.5	9.6	19.2	23.1	9.0	24.6	33.8
Expenditures per user months (\$)	1,952	1,887	1,913	1,450	1,569	1,529	1,916	2,122	2,029	1,594	1,563	1,565	1,579	1,579	1,618	1,393	1,198	1,223
Expenditures per eligible months (\$)	121	240	293	81	227	360	120	288	322	87	245	354	112	224	256	96	230	323
Hospice																		
% with use	0.3	1.0	2.1	0.3	1.2	2.9	0.5	1.5	3.4	0.4	1.5	3.6	0.4	0.8	2.1	0.5	1.8	3.3
Utilization per 1,000 user months	291.1	390.9	366.0	383.8	344.9	345.0	405.1	409.8	422.2	451.2	457.5	455.9	292.1	265.9	323.2	345.3	382.2	351.6
Utilization per 1,000 eligible months	2.9	11.0	21.7	3.7	12.7	29.8	5.6	16.0	35.8	4.5	16.1	37.2	3.8	7.8	20.9	5.3	18.4	33.3
Expenditures per user months (\$)	915	1,356	1,273	1,157	969	1,081	1,430	1,385	1,471	1,323	1,290	1,410	976	868	1,114	1,171	1,328	1,119
Expenditures per eligible months (\$)	9	38	75	11	36	93	20	54	124	13	45	115	13	25	72	18	62	105
Non-institutional setting																		
Specialist E&M visits																		
% with use	6.9	6.4	4.0	6.8	5.9	3.7	7.1	6.1	4.0	6.7	6.2	3.7	7.3	6.7	4.9	6.8	5.8	3.8
Utilization per 1,000 user months	158.5	151.9	137.9	158.7	152.6	129.2	158.9	152.6	138.5	159.7	154.1	131.5	141.6	135.8	121.2	126.9	119.1	104.7
Utilization per 1,000 eligible months	74.9	68.7	42.6	73.8	63.5	38.7	76.6	66.9	42.7	73.6	66.6	39.6	79.2	73.5	52.6	73.8	63.2	39.7
Expenditures per user months (\$)	16	15	13	15	14	11	16	16	14	15	14	12	14	14	12	12	11	9
Expenditures per eligible months (\$)	7	7	4	7	6	3	7	7	4	7	6	3	8	7	5	7	6	3

(continued)

Table A.1-1 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by age

Measures by setting	Baseline period 1 7/1/2011–6/30/2012						Baseline period 2 7/1/2012–6/30/2013						Demonstration period 7/1/2013–12/31/2014					
	Demonstration			Comparison			Demonstration			Comparison			Demonstration			Comparison		
	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +
Primary care E&M visits																		
% with use	61.5	64.9	61.1	62.2	69.8	72.9	61.8	64.6	60.9	63.3	68.9	71.7	66.7	67.7	64.1	64.2	69.5	72.1
Utilization per 1,000 user months	1,188.2	1,198.8	1,022.4	1,154.2	1,323.1	1,289.5	1,221.1	1,239.2	1,058.8	1,196.9	1,337.2	1,316.1	1,297.9	1,292.9	1,127.3	1,219.1	1,347.7	1,344.8
Utilization per 1,000 eligible months	1,148.9	1,173.3	1,000.4	1,118.9	1,306.8	1,273.0	1,178.8	1,212.9	1,031.4	1,161.1	1,316.0	1,298.9	1,277.3	1,273.4	1,107.2	1,190.8	1,326.4	1,329.1
Expenditures per user months (\$)	84	84	70	71	80	73	87	90	75	72	81	74	94	96	83	75	84	79
Expenditures per eligible months (\$)	80	82	68	68	79	72	84	87	72	69	79	73	92	94	81	73	82	78
Behavioral health visits																		
% with use	9.5	4.4	2.1	11.4	4.0	1.9	6.4	4.0	3.0	8.1	3.4	2.2	3.5	2.8	2.8	5.2	3.6	2.9
Utilization per 1,000 user months	592.7	486.9	387.8	560.1	363.3	284.2	475.5	680.1	922.9	456.2	413.1	422.1	630.5	1,024.1	1,409.4	474.0	744.3	908.5
Utilization per 1,000 eligible months	146.8	67.6	34.3	169.2	50.4	22.6	109.1	89.2	85.8	131.9	59.1	43.1	79.9	89.0	90.0	100.5	88.7	86.5
Expenditures per user months (\$)	22	20	20	21	16	15	21	31	44	19	18	19	41	61	82	25	39	44
Expenditures per eligible months (\$)	5	3	2	6	2	1	5	4	4	5	3	2	5	5	5	5	5	4
Outpatient therapy (PT, OT, ST)																		
% with use	4.1	5.8	8.0	3.0	5.9	10.2	4.1	5.9	8.0	2.8	6.0	10.4	4.2	5.5	6.6	3.0	7.0	11.9
Utilization per 1,000 user months	2,718.8	3,897.1	4,361.7	3,668.8	6,356.6	6,599.0	2,346.0	3,287.4	3,878.2	3,437.3	5,759.7	6,282.0	2,207.7	3,191.7	3,848.2	3,891.2	6,636.9	7,017.5
Utilization per 1,000 eligible months	442.4	851.3	1,287.0	481.0	1,377.2	2,437.2	403.2	779.2	1,206.1	452.7	1,286.8	2,366.4	460.3	825.6	1,098.9	635.6	1,859.1	3,279.0
Expenditures per user months (\$)	109	149	167	132	219	227	92	127	147	116	192	208	65	93	110	108	182	193
Expenditures per eligible months (\$)	17	32	48	16	46	81	15	29	45	15	42	76	13	23	31	17	49	88

(continued)

Table A.1-1 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by age

Measures by setting	Baseline period 1 7/1/2011–6/30/2012						Baseline period 2 7/1/2012–6/30/2013						Demonstration period 7/1/2013–12/31/2014					
	Demonstration			Comparison			Demonstration			Comparison			Demonstration			Comparison		
	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +
Independent therapy (PT, OT, ST)																		
% with use	2.8	1.9	1.1	1.6	1.1	0.5	2.7	1.9	1.1	1.5	1.0	0.3	3.1	2.1	1.4	1.3	0.9	0.3
Utilization per 1,000 user months	2,009.3	2,201.5	2,128.1	1,985.6	2,082.7	2,192.1	1,862.2	1,841.1	1,959.5	1,762.0	2,066.2	2,508.2	1,770.2	1,909.2	1,985.7	1,586.6	1,797.8	2,125.6
Utilization per 1,000 eligible months	224.5	181.5	98.0	134.2	107.5	48.5	209.2	161.1	94.3	120.6	88.9	33.8	259.4	204.9	133.2	127.3	96.7	40.3
Expenditures per user months (\$)	64	65	68	61	64	66	58	56	59	55	65	82	47	47	49	40	43	54
Expenditures per eligible months (\$)	7	5	3	4	3	1	7	5	3	4	3	1	7	5	3	3	2	1
Home health																		
% with use	2.0	2.9	3.1	2.8	4.0	3.6	2.1	3.0	3.3	2.8	4.2	3.5	2.3	2.9	3.3	2.6	3.7	3.3
Utilization per 1,000 user months	198.3	175.2	175.4	212.3	202.6	224.3	191.8	175.1	172.1	215.4	208.8	216.5	165.9	149.2	152.2	173.2	165.6	187.3
Utilization per 1,000 eligible months	20.6	28.7	31.2	28.3	39.8	36.7	20.9	29.8	32.7	28.6	41.9	35.5	22.8	28.8	32.6	26.0	37.5	33.6
Expenditures per user months (\$)	514	499	498	500	483	556	499	484	487	477	511	514	432	407	422	395	409	468
Expenditures per eligible months (\$)	53	82	88	66	95	91	54	82	93	63	102	84	59	78	90	59	92	83
Durable medical equipment																		
% with use	33.0	35.3	26.6	32.9	35.6	21.9	31.4	34.7	25.7	31.3	33.7	21.4	32.4	34.5	28.8	27.1	30.3	18.8
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	181	136	98	182	133	113	175	132	96	186	133	102	152	106	77	158	110	104
Expenditures per eligible months (\$)	110	87	50	108	84	48	104	83	47	108	79	43	97	70	43	91	66	45

(continued)

Table A.1-1 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by age

Measures by setting	Baseline period 1 7/1/2011–6/30/2012						Baseline period 2 7/1/2012–6/30/2013						Demonstration period 7/1/2013–12/31/2014					
	Demonstration			Comparison			Demonstration			Comparison			Demonstration			Comparison		
	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +	Under 64	65–74	75 +
Other hospital outpatient services																		
% with use	45.6	44.1	35.9	37.3	38.4	34.5	45.4	44.2	36.3	37.5	38.0	33.9	49.1	48.3	41.8	37.5	37.0	34.1
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	439	345	202	349	264	152	460	351	209	370	270	152	462	354	238	339	235	134
Expenditures per eligible months (\$)	374	292	154	291	227	119	389	295	161	310	228	119	414	314	199	300	208	113

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Note: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for emergency department (non-admit), emergency department (psychiatric), observation stays, specialist E&M visits, primary care E&M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

**Table A.1-2
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration
and comparison groups, by gender**

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Number of beneficiaries	9,828	18,226	18,825	40,558	9,869	17,699	18,367	38,054	7,381	13,405	18,614	37,275
Institutional setting												
Inpatient admissions ¹												
% with use	5.8	5.4	6.9	6.8	6.2	5.7	7.3	6.7	5.8	5.4	6.2	5.8
Utilization per 1,000 user months	196.2	180.6	204.2	200.8	199.7	180.9	224.2	200.2	169.3	155.9	168.5	151.0
Utilization per 1,000 eligible months	64.8	59.5	76.3	75.2	69.3	63.0	81.6	74.1	64.8	58.9	68.9	63.0
Expenditures per user months (\$)	2,427	2,041	2,101	1,880	2,681	2,233	2,507	1,949	2,319	1,987	1,942	1,523
Expenditures per eligible months (\$)	800	671	781	702	929	776	911	721	887	749	794	635
Inpatient psychiatric admissions												
% with use	0.4	0.3	1.1	0.7	0.4	0.4	1.1	0.7	0.4	0.3	1.0	0.7
Utilization per 1,000 user months	165.6	141.3	176.6	157.1	174.5	151.1	192.3	146.6	139.0	112.9	135.4	114.8
Utilization per 1,000 eligible months	5.3	3.7	11.6	7.9	4.7	4.1	11.8	7.2	4.2	3.1	11.0	8.0
Expenditures per user months (\$)	1,490	1,221	1,204	1,101	1,571	1,375	1,288	1,050	1,325	1,109	968	767
Expenditures per eligible months (\$)	45	31	78	55	40	36	78	51	38	30	78	53
Inpatient substance abuse												
% with use	0.1	0.0	0.1	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.1	0.0
Utilization per 1,000 user months	150.9	124.7	150.6	97.1	145.1	117.7	174.3	116.1	110.4	103.4	116.6	80.6
Utilization per 1,000 eligible months	0.9	0.3	1.5	0.4	0.7	0.5	1.7	0.4	0.6	0.4	1.5	0.3
Expenditures per user months (\$)	793	680	564	437	859	781	867	515	750	650	654	422
Expenditures per eligible months (\$)	4	2	5	2	4	3	8	2	4	2	8	2
Emergency department (non-admit)												
% with use	9.0	9.6	9.8	9.5	9.2	9.7	10.2	9.7	10.1	10.6	9.7	9.9
Utilization per 1,000 user months	282.5	264.2	292.0	249.7	267.0	254.9	283.7	255.1	245.1	240.0	252.3	224.9
Utilization per 1,000 eligible months	127.2	127.4	139.4	122.5	122.8	124.9	139.7	125.5	135.2	138.2	139.0	130.5
Expenditures per user months (\$)	120	121	101	95	126	127	111	104	120	126	102	99
Expenditures per eligible months (\$)	54	58	48	46	58	62	54	51	66	73	56	57

(continued)

Table A.1-2 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by gender

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Emergency department (psychiatric)												
% with use	0.7	0.5	0.7	0.4	0.8	0.5	0.5	0.4	0.8	0.5	0.6	0.4
Utilization per 1,000 user months	208.6	168.3	160.9	126.7	194.5	149.7	148.1	130.1	171.2	133.7	113.7	87.5
Utilization per 1,000 eligible months	9.8	6.5	7.9	3.9	9.7	6.0	6.5	4.0	10.3	6.4	6.9	3.9
Expenditures per user months (\$)	75	67	52	45	74	61	50	46	67	59	37	31
Expenditures per eligible months (\$)	4	3	3	1	4	2	2	1	4	3	2	1
Observation stays												
% with use	0.9	1.0	1.2	1.2	1.0	1.1	1.5	1.4	1.1	1.2	1.4	1.5
Utilization per 1,000 user months	118.1	117.7	120.6	115.8	121.4	121.3	128.9	123.7	97.1	95.4	103.8	96.6
Utilization per 1,000 eligible months	9.8	10.5	12.1	12.9	10.4	12.0	15.6	14.5	11.8	12.9	15.2	16.0
Expenditures per user months (\$)	192	212	192	172	241	235	205	189	206	197	192	160
Expenditures per eligible months (\$)	16	19	19	19	21	23	25	22	25	27	28	27
Skilled nursing facility												
% with use	1.7	1.7	2.1	2.1	1.9	1.9	2.2	2.2	1.4	1.4	1.8	1.8
Utilization per 1,000 user months	175.5	161.7	170.9	166.1	182.8	172.7	188.0	169.8	142.9	133.0	131.4	124.9
Utilization per 1,000 eligible months	18.6	18.6	22.9	23.5	20.7	20.6	24.9	23.7	15.6	15.5	19.2	19.4
Expenditures per user months (\$)	2,029	1,862	1,551	1,510	2,142	1,968	1,635	1,536	1,639	1,570	1,318	1,224
Expenditures per eligible months (\$)	205	204	201	210	230	223	212	209	173	180	190	187
Hospice												
% with use	1.0	1.0	1.2	1.5	1.5	1.8	1.5	1.8	0.9	0.9	1.3	1.7
Utilization per 1,000 user months	370.2	355.4	328.2	358.9	418.3	416.8	448.4	459.0	275.3	318.9	340.6	365.4
Utilization per 1,000 eligible months	10.8	10.9	12.5	15.6	16.1	18.9	15.7	19.1	9.1	9.2	13.6	17.2
Expenditures per user months (\$)	1,239	1,237	937	1,130	1,435	1,452	1,266	1,428	919	1,087	1,086	1,217
Expenditures per eligible months (\$)	36	38	36	49	55	66	44	60	30	31	43	57

(continued)

Table A.1-2 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by gender

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Non-institutional setting												
Specialist E&M visits												
% with use	5.2	6.2	5.2	5.7	5.4	6.1	5.2	5.8	5.8	6.9	5.5	5.9
Utilization per 1,000 user months	145.8	154.6	145.5	152.0	148.8	154.1	149.1	152.5	130.1	138.4	119.9	120.9
Utilization per 1,000 eligible months	56.0	66.5	55.2	62.1	58.4	65.8	56.7	63.0	63.1	75.2	59.4	63.4
Expenditures per user months (\$)	14	15	13	14	15	15	14	14	13	14	11	11
Expenditures per eligible months (\$)	5	6	5	5	6	6	5	6	6	7	5	6
Primary care E&M visits												
% with use	58.1	64.2	63.2	69.7	58.1	64.3	63.9	69.2	62.7	68.2	64.2	69.3
Utilization per 1,000 user months	1,050.9	1,179.0	1,170.6	1,271.9	1,098.4	1,209.5	1,199.3	1,304.6	1,163.0	1,301.6	1,209.4	1,321.1
Utilization per 1,000 eligible months	1,007.8	1,156.5	1,132.2	1,254.1	1,050.3	1,184.6	1,157.6	1,286.6	1,134.6	1,286.3	1,175.2	1,303.8
Expenditures per user months (\$)	73	83	69	76	78	86	70	77	85	95	73	81
Expenditures per eligible months (\$)	69	80	66	74	74	84	67	76	82	94	71	80
Behavioral health visits												
% with use	6.0	5.9	6.8	6.5	4.4	4.9	5.0	5.2	2.6	3.4	4.1	4.3
Utilization per 1,000 user months	512.2	552.8	465.0	506.0	543.2	627.1	446.0	442.0	714.8	905.5	539.3	619.4
Utilization per 1,000 eligible months	89.7	93.3	95.5	93.1	86.4	102.5	86.9	86.3	65.5	95.2	89.5	96.5
Expenditures per user months (\$)	20	23	18	20	24	29	18	19	42	57	27	33
Expenditures per eligible months (\$)	3	4	4	4	4	5	4	4	4	6	4	5
Outpatient therapy (PT, OT, ST)												
% with use	5.7	5.8	5.7	6.3	5.5	6.0	5.7	6.2	5.2	5.2	5.8	6.7
Utilization per 1,000 user months	4,149.5	3,505.7	5,569.1	5,920.1	3,602.3	3,081.2	5,326.3	5,516.1	3,252.9	2,836.4	5,919.3	6,024.6
Utilization per 1,000 eligible months	846.9	793.7	1,195.2	1,413.1	743.6	760.5	1,188.8	1,317.6	743.6	702.8	1,469.4	1,731.6
Expenditures per user months (\$)	162	135	204	201	139	118	183	181	95	82	164	166
Expenditures per eligible months (\$)	32	30	42	46	28	29	39	42	21	20	39	46

(continued)

Table A.1-2 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by gender

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Independent therapy (PT, OT, ST)												
% with use	1.5	2.4	1.0	1.2	1.5	2.3	0.8	1.1	1.7	2.8	0.7	1.0
Utilization per 1,000 user months	2,093.0	2,066.8	2,331.6	1,929.3	1,944.3	1,852.3	1,865.2	1,914.7	1,889.9	1,816.8	1,879.7	1,603.3
Utilization per 1,000 eligible months	126.0	197.9	89.2	104.9	119.9	181.8	64.9	95.8	157.5	243.2	84.0	103.0
Expenditures per user months (\$)	68	64	69	60	62	56	60	60	51	46	50	39
Expenditures per eligible months (\$)	4	6	3	3	4	6	2	3	4	6	2	2
Home health												
% with use	2.5	2.6	3.2	3.4	2.6	2.7	3.4	3.3	2.9	2.6	3.2	3.0
Utilization per 1,000 user months	194.7	177.5	227.3	207.7	196.9	171.2	225.2	208.1	174.0	147.8	195.9	165.1
Utilization per 1,000 eligible months	24.8	26.5	32.5	34.2	26.4	27.1	34.3	33.6	28.7	25.8	31.8	29.9
Expenditures per user months (\$)	510	501	527	510	519	477	514	491	452	406	449	405
Expenditures per eligible months (\$)	65	75	75	84	69	75	78	79	74	71	72	73
Durable medical equipment												
% with use	31.1	31.6	28.7	30.3	29.4	30.7	28.1	28.8	31.0	32.5	25.2	25.6
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	173	133	183	136	172	127	194	128	148	110	179	112
Expenditures per eligible months (\$)	97	79	97	75	93	74	100	69	88	70	93	61

(continued)

Table A.1-2 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by gender

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Other hospital outpatient services												
% with use	40.8	42.7	35.7	37.1	41.0	42.7	35.7	36.8	45.6	47.8	35.9	36.7
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	416	309	324	236	429	319	347	242	451	343	312	234
Expenditures per eligible months (\$)	333	257	259	198	344	264	277	202	386	305	265	207

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Note: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for emergency department (non-admit), emergency department (psychiatric), observation stays, specialist E&M visits, primary care E&M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

Table A.1-3

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by race

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Number of beneficiaries	23,247	1,056	1,151	1,277	43,232	15,357	248	183	23,066	995	1,123	1,098	41,983	13,687	222	170	16,929	803	1,063	967	42,676	12,399	259	182
Institutional setting																								
Inpatient admissions ¹																								
% with use	5.5	7.5	5.5	4.4	6.8	7.1	5.9	6.1	5.8	7.3	5.9	5.2	6.9	7.0	7.9	7.0	5.5	6.3	5.3	5.1	5.9	6.2	6.5	4.4
Utilization per 1,000 user months	185.0	217.0	184.2	164.2	199.9	211.8	170.9	174.2	186.0	207.3	189.1	165.8	206.4	218.5	260.3	177.4	160.8	174.4	155.7	153.4	154.2	170.3	149.0	167.2
Utilization per 1,000 eligible months	60.6	86.6	60.3	48.4	74.8	79.1	63.1	63.7	64.0	82.8	65.5	56.7	76.3	78.7	90.0	70.3	60.8	71.4	57.9	55.7	64.3	68.9	71.9	48.0
Expenditures per user months (\$)	2,145	2,645	2,297	1,934	1,896	2,229	2,261	2,057	2,346	2,713	2,479	2,182	2,077	2,477	2,456	2,056	2,092	2,482	1,980	2,103	1,602	1,962	1,544	1,781
Expenditures per eligible months (\$)	701	1,054	751	570	707	831	835	752	806	1,081	859	743	766	891	850	814	790	1,015	737	764	667	794	745	511
Inpatient psychiatric admissions																								
% with use	0.4	0.4	0.2	0.1	0.9	0.6	0.6	2.5	0.4	0.4	0.2	0.1	0.9	0.6	0.6	1.4	0.3	0.3	0.1	0.1	0.8	0.7	2.4	0.1
Utilization per 1,000 user months	153.8	135.1	123.5	121.7	163.9	160.9	144.8	440.5	159.9	125.0	152.5	123.5	161.8	174.3	187.5	495.3	126.1	102.3	97.6	104.2	115.2	146.1	430.3	154.5
Utilization per 1,000 eligible months	4.4	4.6	2.7	1.1	9.6	6.8	5.8	25.5	4.5	3.8	2.4	0.9	9.3	6.2	6.4	19.9	3.9	2.8	0.9	0.8	9.1	7.6	36.4	1.2
Expenditures per user months (\$)	1,357	1,051	1,434	1,104	1,142	1,144	603	1,820	1,454	970	1,595	1,948	1,121	1,270	1,566	2,411	1,213	915	1,616	856	809	966	2,087	1,745
Expenditures per eligible months (\$)	38	31	31	10	66	48	24	102	40	27	24	15	64	45	53	97	36	25	15	6	63	49	164	14

(continued)

Table A.1-3 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by race

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Inpatient substance abuse																								
% with use	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Utilization per 1,000 user months	140.1	144.7	142.9	83.3	131.0	130.3	0.0	83.3	125.4	83.3	83.3	0.0	151.0	158.1	0.0	0.0	110.5	83.3	58.8	87.0	102.4	109.1	55.6	0.0
Utilization per 1,000 eligible months	0.5	1.1	0.2	0.1	0.7	0.9	0.0	2.9	0.6	0.1	0.1	0.0	0.9	1.0	0.0	0.0	0.5	0.2	0.1	0.2	0.8	0.6	0.1	0.0
Expenditures per user months (\$)	768	718	413	292	526	541	0	64	801	840	751	0	705	856	0	0	686	318	308	618	554	646	217	0
Expenditures per eligible months (\$)	3	5	1	0	3	4	0	2	4	1	1	0	4	5	0	0	3	1	0	1	4	3	0	0
Emergency department (non-admit)																								
% with use	9.4	12.7	9.9	4.5	9.3	10.8	9.9	5.5	9.5	12.0	10.0	5.4	9.5	11.5	10.0	7.2	10.6	11.6	11.2	5.8	9.4	11.7	12.5	4.0
Utilization per 1,000 user months	269.3	331.8	241.0	184.2	258.1	280.0	240.5	400.2	259.3	299.3	237.9	189.3	257.9	295.2	260.4	264.9	244.2	264.4	232.8	156.5	225.3	268.6	243.8	135.2
Utilization per 1,000 eligible months	127.2	186.6	123.9	53.5	123.8	147.5	117.5	96.3	124.2	161.4	129.1	64.6	124.5	160.3	132.2	103.4	139.3	156.1	142.0	69.0	125.8	168.6	157.0	44.5
Expenditures per user months (\$)	120	130	119	88	97	94	88	134	127	122	123	99	107	108	106	86	125	130	128	87	101	99	88	70
Expenditures per eligible months (\$)	56	73	60	26	46	49	43	32	61	65	67	34	51	58	54	34	71	76	78	38	56	62	56	23

(continued)

Table A.1-3 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by race

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Emergency department (psychiatric) % with use	0.6	0.8	0.3	0.1	0.5	0.4	0.4	1.9	0.6	0.7	0.4	0.4	0.4	0.3	0.9	0.9	0.7	0.6	0.3	0.1	0.4	0.4	1.8	0.0
Utilization per 1,000 user months	178.6	244.6	186.0	168.1	135.7	173.4	164.6	320.2	168.0	131.1	169.0	179.5	133.0	157.6	209.2	379.3	151.4	144.1	107.3	99.4	95.0	112.0	151.2	64.4
Utilization per 1,000 eligible months	7.8	12.3	4.3	1.6	5.3	4.7	4.0	27.9	7.5	7.1	5.5	4.6	4.9	4.1	11.8	15.1	8.5	6.8	3.6	1.3	4.8	5.2	19.1	0.4
Expenditures per user months (\$)	69	81	75	47	47	56	26	86	66	45	69	70	46	58	65	121	63	71	44	40	33	35	27	10
Expenditures per eligible months (\$)	3	4	2	0	2	1	1	7	3	2	2	2	2	2	4	5	4	3	1	1	2	2	3	0
Observation stays % with use	1.0	1.1	1.1	0.5	1.2	1.2	0.7	0.7	1.1	0.9	1.1	0.7	1.4	1.5	1.9	1.1	1.2	1.4	1.5	0.8	1.5	1.4	1.4	0.5
Utilization per 1,000 user months	119.7	103.4	116.8	103.1	117.2	117.5	89.5	125.4	121.0	122.1	124.8	110.8	125.2	130.0	122.3	101.4	96.5	94.6	93.9	78.2	99.9	96.3	61.8	106.0
Utilization per 1,000 eligible months	10.3	11.2	11.1	5.4	12.6	12.8	7.0	8.7	11.5	10.1	11.7	7.8	14.8	15.8	20.8	11.2	12.4	14.8	15.8	7.7	15.9	15.2	14.0	4.7
Expenditures per user months (\$)	209	163	194	170	178	188	164	132	241	184	238	172	188	234	201	124	201	189	213	165	172	164	127	232
Expenditures per eligible months (\$)	18	17	18	9	19	20	9	9	23	15	22	12	22	28	33	14	26	29	36	16	27	26	29	10

(continued)

Table A.1-3 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by race

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Skilled nursing facility																								
% with use	1.8	1.7	0.9	0.8	2.2	1.6	1.6	0.8	2.0	1.5	1.0	0.8	2.3	1.7	2.2	0.6	1.5	1.3	0.9	1.0	1.9	1.5	0.5	0.3
Utilization per 1,000 user months	167.2	161.0	150.5	158.1	166.8	172.0	212.4	103.4	176.9	174.4	162.3	158.9	174.3	190.5	192.9	118.6	136.8	122.7	119.1	139.9	126.5	131.3	149.7	115.9
Utilization per 1,000 eligible months	19.9	17.7	10.2	8.3	24.6	17.5	18.1	8.5	22.0	16.8	11.2	8.9	25.3	19.4	21.6	5.6	16.3	13.2	9.8	10.8	20.3	15.8	5.0	3.8
Expenditures per user months (\$)	1,913	2,000	1,754	1,599	1,521	1,497	2,708	1,047	2,032	2,070	1,672	1,945	1,554	1,701	1,206	1,735	1,615	1,596	1,502	1,193	1,246	1,308	1,669	1,952
Expenditures per eligible months (\$)	217	206	115	81	220	147	199	86	240	193	115	101	221	167	134	82	188	166	123	91	197	156	56	64
Hospice																								
% with use	1.1	0.7	0.5	0.6	1.4	1.0	0.4	0.3	1.8	0.8	0.7	1.2	1.8	1.2	0.7	0.8	1.0	0.4	0.6	0.6	1.7	1.1	0.2	0.3
Utilization per 1,000 user months	358.7	360.0	408.8	320.2	349.1	357.5	327.2	187.7	425.2	370.9	331.9	385.7	458.1	438.5	417.0	819.3	306.8	290.5	278.2	289.0	352.9	395.2	309.0	146.1
Utilization per 1,000 eligible months	11.7	7.1	5.8	6.4	15.4	10.7	7.8	3.2	19.6	8.4	7.1	12.6	19.2	12.4	8.1	9.2	9.9	4.4	6.0	6.3	17.2	11.4	2.2	2.7
Expenditures per user months (\$)	1,242	1,220	1,088	1,118	1,060	1,166	551	405	1,477	1,419	1,097	1,307	1,386	1,295	959	3,184	1,055	873	847	877	1,152	1,361	880	414
Expenditures per eligible months (\$)	40	24	16	22	47	35	13	7	68	32	23	43	58	37	19	36	34	13	18	19	56	39	6	8

(continued)

Table A.1-3 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by race

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Non-institutional setting																								
Specialist E&M visits																								
% with use	5.8	6.7	5.6	5.1	5.5	5.5	6.8	7.2	5.9	6.5	6.2	4.9	5.6	5.7	6.7	7.5	6.7	6.6	6.1	5.3	5.7	5.8	7.5	5.4
Utilization per 1,000 user months	152.7	154.0	145.8	138.7	150.5	145.5	155.7	170.6	153.3	157.9	151.5	133.9	152.4	147.4	156.8	145.1	137.3	134.0	126.6	119.2	120.8	119.0	134.5	101.2
Utilization per 1,000 eligible months	63.0	73.8	59.4	55.1	59.6	58.8	72.2	79.3	63.5	70.7	66.6	51.7	60.2	62.5	74.5	76.3	72.5	71.2	64.9	56.4	61.8	61.5	83.6	57.4
Expenditures per user months (\$)	15	15	15	14	14	13	15	14	15	16	15	14	14	14	14	15	14	13	13	12	11	11	13	10
Expenditures per eligible months (\$)	6	7	6	5	5	5	7	6	6	7	7	5	5	6	7	8	7	7	6	6	5	6	8	6
Primary care E&M visits																								
% with use	62.4	62.8	58.9	62.1	68.4	63.9	50.5	53.8	62.5	63.4	59.2	61.1	68.1	64.1	53.1	63.5	66.7	65.6	63.4	64.5	68.7	63.7	49.3	54.3
Utilization per 1,000 user months	1,139	1,197	1,087	1,083	1,255	1,165	963	979	1,179	1,229	1,117	1,085	1,281	1,218	963	1,154	1,273	1,227	1,139	1,120	1,309	1,191	859	946
Utilization per 1,000 eligible months	1,110	1,160	1,057	1,059	1,232	1,132	887	921	1,146	1,197	1,075	1,061	1,256	1,180	909	1,150	1,252	1,207	1,121	1,108	1,287	1,163	800	935
Expenditures per user months (\$)	80	81	84	71	74	70	62	63	84	84	89	73	75	73	59	70	93	86	90	78	80	74	57	58
Expenditures per eligible months (\$)	77	79	81	69	73	68	56	59	81	82	86	71	73	70	54	70	91	84	88	76	78	72	53	57

(continued)

Table A.1-3 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by race

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Behavioral health visits																								
% with use	6.4	6.4	3.0	2.1	7.1	4.2	2.6	1.8	5.1	4.6	2.0	1.5	5.5	3.5	3.2	1.2	3.5	2.8	0.8	0.5	4.3	3.6	3.0	3.9
Utilization per 1,000 user months	546	463	446	513	501	434	295	168	615	417	394	679	443	459	297	153	874	764	361	318	571	629	1,062	1,078
Utilization per 1,000 eligible months	100.0	92.8	39.4	30.1	102.2	59.3	31.5	19.8	105.8	77.6	34.2	36.9	91.3	66.6	39.3	15.9	96.4	67.7	14.3	10.3	93.2	88.3	145.4	104.4
Expenditures per user months (\$)	22	17	16	16	20	17	13	10	28	18	18	23	19	17	15	7	54	45	24	23	30	29	59	44
Expenditures per eligible months (\$)	4	3	1	1	4	2	1	1	5	3	2	1	4	2	2	1	6	4	1	1	5	4	8	4
Outpatient therapy (PT, OT, ST)																								
% with use	6.2	5.7	2.3	2.3	6.4	4.7	1.6	4.3	6.2	5.8	3.0	2.4	6.4	4.4	1.6	3.5	5.6	5.2	2.8	2.2	6.8	4.5	1.7	3.3
Utilization per 1,000 user months	3,761	3,578	2,485	2,847	6,032	4,447	4,552	3,080	3,303	3,242	2,519	1,965	5,777	3,511	1,689	1,585	3,029	2,825	2,220	2,432	6,251	4,446	2,070	2,924
Utilization per 1,000 eligible months	885	746	274	264	1,453	827	373	400	819	727	348	206	1,402	672.3	196	235	775	708	346	324	1,795	986	278	645
Expenditures per user months (\$)	146	138	93	101	207	169	113	149	127	123	97	72	190	127	65	78	88	86	65	66	172	126	57	77
Expenditures per eligible months (\$)	34	28	10	9	48	30	9	17	31	27	12	7	45	23	7	11	22	21	10	9	48	27	7	16

(continued)

Table A.1-3 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by race

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Independent therapy (PT, OT, ST)																								
% with use	2.1	2.2	2.6	1.2	1.1	1.1	0.7	1.7	2.0	2.6	2.6	1.6	0.9	1.3	1.1	0.2	2.4	2.9	2.7	1.4	0.9	1.1	1.5	1.0
Utilization per 1,000 user months	2,047	1,755	2,843	2,198	2,110	1,673	1,477	1,684	1,884	1,737	1,929	1,934	1,968	1,646	3,463	1,150	1,812	2,033	2,002	1,732	1,711	1,479	2,075	4,052
Utilization per 1,000 eligible months	171.4	157.7	292.1	113.0	102.2	81.7	47.4	170.6	155.9	190.0	221.0	134.6	83.6	94.9	103.3	19.3	209.5	277.7	283.5	137.0	95.5	97.4	134.0	152.0
Expenditures per user months (\$)	65	61	74	62	64	54	58	47	59	59	52	59	62	52	71	29	47	55	45	45	41	43	57	105
Expenditures per eligible months (\$)	5	5	8	3	3	3	2	5	5	6	6	4	3	3	2	0	5	7	6	4	2	3	4	4
Home health																								
% with use	2.7	2.2	1.7	1.5	3.4	3.2	2.8	3.5	2.8	2.1	1.8	1.6	3.4	3.2	4.0	1.8	2.8	2.0	2.0	1.6	3.1	2.7	4.8	2.4
Utilization per 1,000 user months	186.7	164.5	154.8	143.3	216.6	205.0	196.9	174.6	182.1	169.5	161.6	144.0	216.6	203.4	237.8	129.9	160.3	133.9	137.1	117.1	178.4	159.3	206.5	130.0
Utilization per 1,000 eligible months	27.6	22.5	17.1	14.8	34.0	32.4	28.1	35.5	28.4	21.1	17.8	16.5	34.3	31.9	40.6	18.5	28.4	19.8	20.0	15.8	31.3	26.8	48.0	25.3
Expenditures per user months (\$)	513	477	408	427	518	507	478	530	499	457	421	418	509	459	357	354	428	406	359	349	430	372	457	269
Expenditures per eligible months (\$)	76	65	45	44	81	80	64	107	78	56	46	47	80	72	61	50	75	59	52	47	75	62	106	52

(continued)

Table A.1-3 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by race

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Durable medical equipment																								
% with use	31.9	30.0	32.3	23.4	30.0	28.1	31.1	35.9	30.5	28.7	32.2	25.4	28.9	26.8	28.3	32.9	32.4	28.0	34.1	28.0	26.2	22.1	22.5	30.4
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	150	133	166	95	153	150	105	129	145	125	155	90	148	170	92	101	125	104	126	101	133	140	132	89
Expenditures per eligible months (\$)	87	81	99	49	83	81	66	84	81	74	94	51	79	88	58	58	78	65	84	61	73	71	76	56
Other hospital outpatient services																								
% with use	41.6	47.6	54.3	34.9	35.8	40.7	37.8	33.6	41.5	47.6	54.3	37.0	35.6	40.4	36.9	37.7	46.5	50.9	58.5	40.2	35.6	40.0	42.9	35.6
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	310	540	603	421	210	514	502	653	318	614	613	467	222	539	712	394	336	645	608	525	205	492	602	522
Expenditures per eligible months (\$)	253	466	552	333	172	428	422	527	259	530	556	367	181	451	546	353	294	590	575	447	179	429	551	446

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Note: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for emergency department (non-admit), emergency department (psychiatric), observation stays, specialist E&M visits, primary care E&M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

Table A.1-4

Proportion, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, urban versus rural

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Number of beneficiaries	26,616	1,438	26,653	32,730	26,085	1,483	25,061	31,360	19,715	1,071	24,587	31,302
Institutional setting												
Inpatient admissions ¹												
% with use	5.6	4.5	6.9	6.4	5.9	5.3	7.0	6.7	5.6	4.8	5.9	5.9
Utilization per 1,000 user months	186.3	178.1	203.7	191.2	187.4	188.7	210.9	195.9	161.1	150.0	157.5	154.5
Utilization per 1,000 eligible months	62.0	49.0	76.4	70.5	65.6	57.0	77.3	73.5	61.4	51.1	65.1	65.0
Expenditures per user months (\$)	2,164	2,390	1,992	1,736	2,371	2,763	2,194	1,864	2,098	2,239	1,689	1,544
Expenditures per eligible months (\$)	718	655	745	638	829	835	804	698	799	763	698	649
Inpatient psychiatric admissions												
% with use	0.4	0.3	0.9	0.6	0.4	0.2	0.8	0.6	0.3	0.2	0.8	0.7
Utilization per 1,000 user months	150.1	169.3	168.3	142.5	159.2	157.3	168.8	142.2	124.2	89.0	123.1	120.6
Utilization per 1,000 eligible months	4.2	4.0	9.6	7.1	4.4	2.1	9.2	7.0	3.5	2.4	9.3	7.3
Expenditures per user months (\$)	1,310	1,639	1,152	1,081	1,427	2,014	1,170	996	1,191	1,115	842	866
Expenditures per eligible months (\$)	36	36	64	53	38	25	63	49	33	29	63	52
Inpatient substance abuse												
% with use	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0
Utilization per 1,000 user months	137.0	157.1	128.6	136.3	124.5	215.7	157.1	115.9	108.2	88.6	104.4	87.3
Utilization per 1,000 eligible months	0.5	0.8	0.8	0.4	0.6	0.8	0.9	0.5	0.4	0.6	0.8	0.4
Expenditures per user months (\$)	750	569	494	735	803	1,014	753	579	677	943	572	492
Expenditures per eligible months (\$)	3	3	3	2	4	4	4	3	3	6	4	2
Emergency department (non-admit)												
% with use	9.4	9.3	9.6	9.3	9.4	10.1	9.8	9.8	10.4	11.3	9.8	9.9
Utilization per 1,000 user months	271.3	249.8	267.0	246.5	259.9	243.2	268.2	248.5	241.1	254.0	237.1	217.1
Utilization per 1,000 eligible months	127.5	124.4	129.8	119.9	124.0	128.0	131.4	125.8	136.6	148.0	134.1	129.6
Expenditures per user months (\$)	118	172	97	96	123	186	107	105	120	202	101	96
Expenditures per eligible months (\$)	55	85	47	46	59	97	52	53	68	118	57	57

(continued)

Table A.1-4 (continued)
Proportion, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, urban versus rural

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Emergency department (psychiatric)												
% with use	0.6	0.6	0.5	0.3	0.6	0.4	0.4	0.3	0.6	0.6	0.5	0.3
Utilization per 1,000 user months	185.4	158.3	145.2	119.7	166.6	190.3	138.7	132.9	149.3	140.2	99.1	95.3
Utilization per 1,000 eligible months	7.7	6.6	5.6	3.4	7.4	6.1	5.1	3.7	7.8	7.0	5.2	3.7
Expenditures per user months (\$)	69	87	48	47	64	114	48	49	61	92	33	37
Expenditures per eligible months (\$)	3	4	2	1	3	4	2	1	3	5	2	1
Observation stays												
% with use	1.0	1.5	1.2	1.5	1.1	1.5	1.4	1.7	1.2	1.5	1.5	1.6
Utilization per 1,000 user months	116.8	130.9	116.5	122.0	120.4	133.8	124.9	129.0	95.6	102.2	99.0	98.9
Utilization per 1,000 eligible months	10.0	16.6	12.2	15.3	11.2	16.3	14.5	17.5	12.3	15.7	15.4	17.5
Expenditures per user months (\$)	199	283	179	177	230	328	196	191	197	251	173	159
Expenditures per eligible months (\$)	17	36	19	22	21	40	23	26	25	39	27	28
Skilled nursing facility												
% with use	1.7	1.7	2.1	2.1	1.9	2.0	2.2	2.3	1.4	1.4	1.8	2.0
Utilization per 1,000 user months	166.8	156.0	167.6	168.4	176.2	173.5	177.5	168.6	137.1	121.5	127.1	127.2
Utilization per 1,000 eligible months	18.6	18.9	23.3	23.8	20.5	22.3	23.9	25.4	15.5	15.5	18.9	21.8
Expenditures per user months (\$)	1,888	2,393	1,553	1,344	2,010	2,291	1,597	1,432	1,551	2,308	1,275	1,152
Expenditures per eligible months (\$)	200	285	210	187	222	286	210	212	172	294	187	195
Hospice												
% with use	1.0	1.0	1.4	1.1	1.7	1.6	1.8	1.4	0.9	0.9	1.6	1.4
Utilization per 1,000 user months	364.6	287.9	343.8	392.5	415.7	449.7	458.7	434.2	301.6	315.6	360.0	341.5
Utilization per 1,000 eligible months	11.0	9.8	14.8	12.7	18.0	17.0	18.5	14.8	9.2	8.9	16.2	14.7
Expenditures per user months (\$)	1,259	894	1,072	1,030	1,442	1,546	1,403	1,193	1,024	1,012	1,196	1,044
Expenditures per eligible months (\$)	38	30	46	33	62	58	56	41	31	27	53	44

(continued)

Table A.1-4 (continued)
Proportion, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, urban versus rural

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Non-institutional setting												
Specialist E&M visits												
% with use	5.9	4.5	5.5	5.7	5.9	4.7	5.6	5.5	6.6	5.7	5.8	5.5
Utilization per 1,000 user months	152.3	142.2	149.9	149.3	152.8	141.9	151.8	148.9	136.0	129.8	120.8	119.2
Utilization per 1,000 eligible months	63.6	48.4	59.5	60.6	63.9	50.7	61.0	59.2	71.5	61.4	62.3	59.8
Expenditures per user months (\$)	15	14	14	14	15	14	14	14	14	13	11	11
Expenditures per eligible months (\$)	6	5	5	5	6	5	5	5	7	6	6	5
Primary care E&M visits												
% with use	62.1	62.6	67.2	68.7	62.2	61.5	67.0	69.0	66.3	66.5	67.3	68.7
Utilization per 1,000 user months	1,134.6	1,157.0	1,245.3	1,185.2	1,172.5	1,152.0	1,280.3	1,193.3	1,254.3	1,238.1	1,297.6	1,187.8
Utilization per 1,000 eligible months	1,104.3	1,128.2	1,218.8	1,166.1	1,138.7	1,123.0	1,251.6	1,176.1	1,233.6	1,225.1	1,272.0	1,175.6
Expenditures per user months (\$)	78	112	74	70	82	113	75	70	90	124	79	73
Expenditures per eligible months (\$)	75	109	72	68	79	110	73	69	88	122	77	72
Behavioral health visits												
% with use	6.1	3.2	6.7	5.6	4.8	3.6	5.3	4.3	3.1	4.1	4.3	3.6
Utilization per 1,000 user months	542.5	428.1	482.4	551.4	596.0	663.5	438.0	482.3	843.1	869.6	578.6	677.7
Utilization per 1,000 eligible months	94.2	50.8	94.2	92.4	98.2	72.0	87.9	78.5	84.2	96.1	94.7	90.1
Expenditures per user months (\$)	22	19	19	21	27	31	19	19	52	52	31	31
Expenditures per eligible months (\$)	4	2	4	3	4	3	4	3	5	6	5	4
Outpatient therapy (PT, OT, ST)												
% with use	5.7	6.4	6.1	5.6	5.8	6.2	6.0	6.0	5.2	5.3	6.4	6.1
Utilization per 1,000 user months	3,708.5	3,764.9	5,933.5	4,981.5	3,260.3	2,921.2	5,513.0	5,098.3	3,000.4	2,507.4	6,153.8	5,025.3
Utilization per 1,000 eligible months	806.3	917.9	1,371.5	1,120.7	757.6	701.8	1,280.5	1,219.7	720.8	644.8	1,673.3	1,429.2
Expenditures per user months (\$)	144	144	206	171	125	111	184	164	87	74	171	134
Expenditures per eligible months (\$)	31	34	46	37	28	26	42	37	20	18	45	37

(continued)

Table A.1-4 (continued)
Proportion, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, urban versus rural

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Independent therapy (PT, OT, ST)												
% with use	2.1	1.6	1.1	0.8	2.0	1.5	1.0	0.8	2.5	1.6	1.0	0.7
Utilization per 1,000 user months	2,073.4	2,070.9	2,032.2	2,100.9	1,861.7	2,242.4	1,829.6	2,436.0	1,834.0	1,869.4	1,624.7	2,123.9
Utilization per 1,000 eligible months	174.7	145.9	102.7	78.3	161.8	132.4	84.2	88.2	216.7	145.9	96.5	95.4
Expenditures per user months (\$)	65	63	62	62	58	63	58	71	47	47	41	55
Expenditures per eligible months (\$)	5	4	3	2	5	4	3	3	6	4	2	2
Home health												
% with use	2.6	2.8	3.2	4.0	2.7	2.6	3.3	3.8	2.7	2.7	3.0	3.5
Utilization per 1,000 user months	181.3	214.8	209.3	241.3	178.3	197.1	210.4	234.0	155.8	175.6	172.5	190.4
Utilization per 1,000 eligible months	25.8	28.6	32.6	40.1	26.8	26.7	33.1	38.3	26.8	27.3	29.8	35.3
Expenditures per user months (\$)	503	519	516	507	491	466	500	497	422	406	421	413
Expenditures per eligible months (\$)	71	69	80	84	74	63	78	81	72	63	72	76
Durable medical equipment												
% with use	31.2	34.7	29.5	31.1	30.0	34.9	28.3	30.0	31.8	36.3	25.1	27.4
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	146	157	152	146	141	159	152	147	121	142	137	121
Expenditures per eligible months (\$)	84	93	83	82	80	94	80	80	76	90	73	69

(continued)

Table A.1-4 (continued)
Proportion, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, urban versus rural

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Other hospital outpatient services												
% with use	41.2	58.5	35.5	43.4	41.2	58.4	35.1	44.0	46.2	63.3	35.1	44.5
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	342	394	269	245	353	419	281	264	375	456	259	270
Expenditures per eligible months (\$)	279	368	220	214	287	391	228	231	328	441	224	247

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Note: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for Emergency Department (non-admit), Emergency department (psychiatric), observation stays, specialist E & M visits, primary care E & M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

Table A.1-5

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with disability

Measures by setting	Baseline period 1 7/1/2011–6/30/2012		Baseline period 2 7/1/2012–6/30/2013		Demonstration period 7/1/2013–12/31/2014	
	Demonstration	Comparison	Demonstration	Comparison	Demonstration	Comparison
Number of beneficiaries	15,811	32,833	15,318	30,769	12,674	30,867
Institutional setting						
Inpatient admissions ¹						
% with use	5.3	6.2	5.7	6.2	5.3	5.6
Utilization per 1,000 user months	185.1	200.8	188.9	201.0	158.3	155.8
Utilization per 1,000 eligible months	59.2	69.4	63.4	68.8	57.9	61.7
Expenditures per user months (\$)	2,157	1,912	2,428	2,125	2,130	1,668
Expenditures per eligible months (\$)	688	658	813	727	779	659
Inpatient psychiatric admissions						
% with use	0.5	1.1	0.6	1.0	0.4	1.1
Utilization per 1,000 user months	157.6	176.2	162.2	177.0	125.7	130.3
Utilization per 1,000 eligible months	6.3	12.6	6.5	11.6	4.8	11.7
Expenditures per user months (\$)	1,342	1,129	1,359	1,116	1,168	846
Expenditures per eligible months (\$)	51	79	52	72	43	75
Inpatient substance abuse						
% with use	0.1	0.1	0.1	0.1	0.1	0.1
Utilization per 1,000 user months	144.1	133.6	129.7	154.6	107.9	105.1
Utilization per 1,000 eligible months	0.8	1.2	0.9	1.4	0.6	1.1
Expenditures per user months (\$)	763	520	771	728	646	584
Expenditures per eligible months (\$)	4	5	5	6	4	6
Emergency department (non-admit)						
% with use	11.3	11.2	11.2	11.4	11.9	11.1
Utilization per 1,000 user months	309.7	297.8	291.1	293.3	266.2	254.5
Utilization per 1,000 eligible months	161.3	155.9	152.6	156.2	160.6	154.9
Expenditures per user months (\$)	128	103	131	110	128	104
Expenditures per eligible months (\$)	67	53	69	58	77	63

(continued)

Table A.1-5 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with disability

Measures by setting	Baseline period 1 7/1/2011–6/30/2012		Baseline period 2 7/1/2012–6/30/2013		Demonstration period 7/1/2013–12/31/2014	
	Demonstration	Comparison	Demonstration	Comparison	Demonstration	Comparison
Emergency department (psychiatric)						
% with use	0.9	0.7	0.9	0.6	0.8	0.6
Utilization per 1,000 user months	199.1	149.0	182.6	145.5	160.5	102.6
Utilization per 1,000 eligible months	12.0	7.7	11.1	6.9	11.0	6.2
Expenditures per user months (\$)	73	50	68	49	65	34
Expenditures per eligible months (\$)	4	3	4	2	4	2
Observation stays						
% with use	1.0	1.3	1.1	1.4	1.2	1.5
Utilization per 1,000 user months	119.3	118.4	122.8	126.2	95.7	102.2
Utilization per 1,000 eligible months	10.7	13.4	12.0	15.2	12.3	16.2
Expenditures per user months (\$)	207	179	235	199	196	177
Expenditures per eligible months (\$)	19	20	23	24	25	28
Skilled nursing facility						
% with use	1.3	1.4	1.4	1.5	1.2	1.4
Utilization per 1,000 user months	162.7	164.7	171.7	174.6	134.3	127.1
Utilization per 1,000 eligible months	14.2	15.6	15.8	16.4	13.0	14.7
Expenditures per user months (\$)	1,950	1,496	2,012	1,537	1,591	1,294
Expenditures per eligible months (\$)	164	137	178	142	149	148
Hospice						
% with use	0.5	0.6	0.9	0.9	0.6	0.9
Utilization per 1,000 user months	343.9	347.6	403.3	448.7	273.6	358.2
Utilization per 1,000 eligible months	5.8	6.4	9.5	9.2	5.7	9.4
Expenditures per user months (\$)	1,144	1,040	1,394	1,319	891	1,199
Expenditures per eligible months (\$)	19	19	33	27	18	31

(continued)

Table A.1-5 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with disability

Measures by setting	Baseline period 1 7/1/2011–6/30/2012		Baseline period 2 7/1/2012–6/30/2013		Demonstration period 7/1/2013–12/31/2014	
	Demonstration	Comparison	Demonstration	Comparison	Demonstration	Comparison
Non-institutional setting						
Specialist E&M visits						
% with use	6.6	6.3	6.6	6.3	7.0	6.4
Utilization per 1,000 user months	156.5	155.3	156.6	155.8	140.0	124.3
Utilization per 1,000 eligible months	71.5	67.8	72.2	68.4	76.4	69.6
Expenditures per user months (\$)	15	14	16	14	14	11
Expenditures per eligible months (\$)	7	6	7	6	7	6
Primary care E&M visits						
% with use	62.8	65.5	63.1	66.1	67.5	66.8
Utilization per 1,000 user months	1,193.1	1,215.3	1,235.3	1,251.4	1,312.6	1,277.0
Utilization per 1,000 eligible months	1,159.2	1,188.0	1,198.0	1,223.3	1,291.9	1,254.2
Expenditures per user months (\$)	84	73	88	75	96	79
Expenditures per eligible months (\$)	81	71	85	73	94	77
Behavioral health visits						
% with use	8.6	9.8	6.1	7.2	3.6	5.0
Utilization per 1,000 user months	576.3	534.6	534.2	451.0	742.4	527.2
Utilization per 1,000 eligible months	134.2	143.6	115.5	118.8	90.6	104.4
Expenditures per user months (\$)	22	21	24	19	47	28
Expenditures per eligible months (\$)	5	5	5	5	6	5
Outpatient therapy (PT, OT, ST)						
% with use	4.9	4.4	5.0	4.2	5.0	4.5
Utilization per 1,000 user months	3,118.4	4,789.1	2,711.0	4,649.8	2,632.6	4,967.7
Utilization per 1,000 eligible months	601.1	843.9	564.5	828.5	621.7	1,061.0
Expenditures per user months (\$)	123	170	107	157	78	137
Expenditures per eligible months (\$)	23	29	22	27	18	28

(continued)

Table A.1-5 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with disability

Measures by setting	Baseline period 1 7/1/2011–6/30/2012		Baseline period 2 7/1/2012–6/30/2013		Demonstration period 7/1/2013–12/31/2014	
	Demonstration	Comparison	Demonstration	Comparison	Demonstration	Comparison
Independent therapy (PT, OT, ST)						
% with use	2.6	1.4	2.5	1.3	2.9	1.2
Utilization per 1,000 user months	2,038.4	1,938.7	1,848.9	1,844.4	1,800.7	1,605.8
Utilization per 1,000 eligible months	212.6	124.2	194.4	110.4	248.0	112.6
Expenditures per user months (\$)	65	60	58	58	48	41
Expenditures per eligible months (\$)	7	4	6	3	7	3
Home health						
% with use	2.4	3.2	2.5	3.3	2.6	3.1
Utilization per 1,000 user months	192.9	218.1	187.8	220.3	162.7	178.5
Utilization per 1,000 eligible months	23.7	32.7	25.1	32.9	26.0	31.3
Expenditures per user months (\$)	510	514	499	501	432	420
Expenditures per eligible months (\$)	63	77	67	74	69	73
Durable medical equipment						
% with use	33.2	32.8	31.9	31.0	32.9	27.1
Utilization per 1,000 user months	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—
Expenditures per user months (\$)	161	164	157	165	134	143
Expenditures per eligible months (\$)	98	97	94	94	87	82
Other hospital outpatient services						
% with use	42.5	34.4	42.1	34.1	46.3	34.1
Utilization per 1,000 user months	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—
Expenditures per user months (\$)	280	187	292	197	305	181
Expenditures per eligible months (\$)	234	155	242	163	270	159

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Note: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for emergency department (non-admit), emergency department (psychiatric), observation stays, specialist E&M visits, primary care E&M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

Table A.1-6

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with Alzheimer's disease or other dementia

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer
Number of beneficiaries	5,442	3,219	11,920	11,936	5,419	3,155	11,280	11,212	3,362	1,576	10,982	10,177
Institutional setting												
Inpatient admissions ¹												
% with use	6.2	4.9	8.6	7.1	6.7	5.4	9.0	7.6	7.0	5.7	7.4	6.4
Utilization per 1,000 user months	184.0	163.2	215.4	183.1	186.3	167.9	226.1	199.0	164.0	153.9	163.9	152.7
Utilization per 1,000 eligible months	68.0	52.7	96.0	76.8	73.9	57.9	100.3	82.8	77.1	62.5	81.0	70.1
Expenditures per user months (\$)	2,034	1,659	2,060	1,582	2,237	1,907	2,259	1,807	1,985	1,669	1,710	1,416
Expenditures per eligible months (\$)	750	536	918	661	887	658	1,000	752	932	678	846	648
Inpatient psychiatric admissions												
% with use	0.3	0.4	1.0	1.1	0.4	0.3	0.9	1.1	0.4	0.2	1.1	1.1
Utilization per 1,000 user months	149.4	128.6	168.9	144.4	161.8	143.8	151.3	147.0	107.9	113.9	119.0	107.0
Utilization per 1,000 eligible months	3.5	4.1	11.4	11.9	4.2	3.7	10.1	11.5	4.1	2.7	11.5	11.8
Expenditures per user months (\$)	1,478	1,646	1,172	1,330	1,801	2,245	1,098	1,329	1,248	1,716	924	914
Expenditures per eligible months (\$)	33	51	77	109	45	58	73	104	45	39	88	100

(continued)

Table A.1-6 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with Alzheimer's disease or other dementia

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer
	Inpatient substance abuse											
% with use	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Utilization per 1,000 user months	132.9	111.1	110.0	105.0	149.6	83.3	123.7	120.0	94.8	71.4	113.6	86.4
Utilization per 1,000 eligible months	0.4	0.2	0.5	0.2	0.4	0.1	0.5	0.1	0.3	0.1	0.3	0.2
Expenditures per user months (\$)	1,071	389	476	378	1,519	457	568	451	685	2,207	686	536
Expenditures per eligible months (\$)	3	1	2	1	4	1	2	0	2	4	2	2
Emergency department (non-admit)												
% with use	7.9	6.9	9.0	7.6	8.3	6.7	9.0	7.4	9.9	8.1	8.5	7.3
Utilization per 1,000 user months	227.1	192.9	233.6	206.9	229.8	195.5	237.8	204.9	218.3	195.1	199.6	184.0
Utilization per 1,000 eligible months	100.0	81.6	114.7	94.1	105.6	78.6	115.0	89.2	126.4	96.4	107.1	93.8
Expenditures per user months (\$)	118	102	95	85	129	115	109	90	123	117	99	85
Expenditures per eligible months (\$)	52	43	46	39	59	46	53	39	71	58	53	43

(continued)

Table A.1-6 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with Alzheimer's disease or other dementia

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer
Emergency department (psychiatric)												
% with use	0.4	0.3	0.5	0.4	0.5	0.3	0.5	0.4	0.6	0.4	0.5	0.4
Utilization per 1,000 user months	161.7	115.3	161.4	116.5	158.7	110.6	142.8	111.6	152.0	92.0	95.4	94.2
Utilization per 1,000 eligible months	5.3	3.3	6.2	4.3	6.3	3.4	5.4	3.9	8.2	4.2	4.8	4.8
Expenditures per user months (\$)	81	65	53	46	75	59	47	45	65	45	35	38
Expenditures per eligible months (\$)	3	2	2	2	3	2	2	2	3	2	2	2
Observation stays												
% with use	1.1	0.8	1.2	1.1	1.2	0.9	1.5	1.1	1.4	1.2	1.6	1.2
Utilization per 1,000 user months	118.1	114.5	114.1	114.2	125.8	114.0	125.8	121.8	97.6	94.4	98.4	89.7
Utilization per 1,000 eligible months	10.9	8.4	12.4	11.7	12.3	9.1	16.0	11.8	14.4	11.8	16.3	12.5
Expenditures per user months (\$)	207	197	162	158	254	215	188	161	186	179	168	143
Expenditures per eligible months (\$)	19	14	18	16	25	17	24	15	27	22	28	20

(continued)

Table A.1-6 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with Alzheimer's disease or other dementia

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer
Skilled nursing facility												
% with use	3.1	2.5	3.9	4.4	3.4	2.6	4.1	4.5	2.9	2.3	3.5	3.9
Utilization per 1,000 user months	169.5	153.7	176.6	165.2	178.4	167.6	179.4	174.9	143.1	142.4	125.8	129.8
Utilization per 1,000 eligible months	33.3	27.2	42.7	48.1	36.5	28.7	45.3	50.2	31.7	24.6	37.7	42.3
Expenditures per user months (\$)	1,964	1,988	1,687	1,477	2,002	2,084	1,607	1,535	1,725	1,617	1,234	1,230
Expenditures per eligible months (\$)	362	334	398	419	384	340	396	430	371	272	364	393
Hospice												
% with use	1.4	2.8	2.1	2.9	2.6	4.3	2.8	3.9	1.8	3.1	2.6	4.4
Utilization per 1,000 user months	357.2	396.4	332.9	360.2	384.9	430.1	453.2	455.6	291.7	325.8	357.0	385.5
Utilization per 1,000 eligible months	15.2	29.4	22.2	30.6	27.2	47.0	29.4	40.3	18.2	31.6	26.6	44.4
Expenditures per user months (\$)	1,241	1,388	985	1,118	1,348	1,462	1,366	1,356	990	1,146	1,157	1,306
Expenditures per eligible months (\$)	53	103	66	95	95	160	89	120	61	110	85	149
Non-institutional setting												
Specialist E&M visits												
% with use	4.6	3.3	4.7	3.4	4.5	3.3	4.7	3.4	5.1	4.4	4.8	3.4
Utilization per 1,000 user months	144.3	136.1	141.5	126.6	139.9	136.5	142.3	130.2	125.4	119.9	115.8	107.3
Utilization per 1,000 eligible months	49.5	35.7	50.0	36.0	48.3	35.5	51.5	35.8	54.8	46.2	51.8	36.5
Expenditures per user months (\$)	14	13	13	11	14	13	13	11	12	12	10	9
Expenditures per eligible months (\$)	5	3	4	3	5	3	4	3	5	4	5	3

(continued)

Table A.1-6 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with Alzheimer's disease or other dementia

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer
Primary care E&M visits												
% with use	62.8	59.5	72.4	76.0	62.9	59.4	72.1	75.8	66.8	64.8	74.0	76.1
Utilization per 1,000 user months	1,085.4	952.5	1,383.1	1,356.9	1,130.3	999.4	1,417.2	1,410.1	1,254.8	1,109.5	1,467.1	1,467.9
Utilization per 1,000 eligible months	1,061.9	931.4	1,358.4	1,347.0	1,104.8	971.8	1,395.8	1,396.2	1,236.8	1,090.6	1,452.8	1,456.4
Expenditures per user months (\$)	75	63	80	77	80	67	81	78	92	78	87	86
Expenditures per eligible months (\$)	73	62	78	76	78	65	80	77	90	76	86	85
Behavioral health visits												
% with use	5.2	4.3	5.1	4.0	5.5	4.9	4.4	3.9	5.0	5.1	5.9	3.9
Utilization per 1,000 user months	463.0	389.1	403.7	340.2	781.4	818.4	445.9	437.6	1,189.9	1,202.1	829.9	657.1
Utilization per 1,000 eligible months	81.7	65.5	72.6	49.4	138.1	128.3	79.4	76.3	162.7	156.4	165.3	100.0
Expenditures per user months (\$)	21	19	18	17	36	39	20	20	71	70	41	34
Expenditures per eligible months (\$)	4	3	3	2	6	6	4	3	10	9	8	5
Outpatient therapy (PT, OT, ST)												
% with use	9.6	9.5	9.7	13.1	9.5	9.5	9.4	14.3	9.2	8.4	11.7	15.6
Utilization per 1,000 user months	4,536.4	4,441.4	6,575.6	6,866.4	3,973.1	3,800.1	5,728.8	6,725.5	4,222.3	3,751.0	6,908.8	7,540.6
Utilization per 1,000 eligible months	1,550.8	1,573.8	2,271.5	3,176.2	1,438.9	1,411.9	2,085.0	3,298.5	1,605.5	1,370.1	3,259.7	4,355.5
Expenditures per user months (\$)	176	170	221	242	155	144	186	226	124	109	191	209
Expenditures per eligible months (\$)	59	59	74	109	54	53	66	108	45	39	87	119

(continued)

Table A.1-6 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with Alzheimer's disease or other dementia

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer
	Independent therapy (PT, OT, ST)											
% with use	1.3	0.7	0.8	0.3	1.2	0.7	0.9	0.1	1.4	0.9	0.6	0.2
Utilization per 1,000 user months	1,923.9	1,959.2	2,353.8	1,778.9	1,861.7	1,571.7	2,171.1	2,241.5	1,887.9	1,656.6	1,704.2	3,432.2
Utilization per 1,000 eligible months	104.5	60.8	83.0	26.3	93.5	53.1	71.3	14.9	119.7	88.2	56.1	36.2
Expenditures per user months (\$)	66	71	73	55	60	48	78	73	54	37	48	79
Expenditures per eligible months (\$)	4	2	3	1	3	2	3	0	3	2	2	1
Home health												
% with use	3.5	3.2	4.2	3.0	3.7	3.1	4.4	2.9	3.8	3.2	4.0	2.4
Utilization per 1,000 user months	176.0	172.7	229.1	215.0	170.6	172.2	222.9	219.9	152.6	152.9	189.6	188.2
Utilization per 1,000 eligible months	35.6	31.7	42.6	30.5	37.0	31.7	44.4	28.7	37.6	32.6	40.3	24.6
Expenditures per user months (\$)	500	516	578	523	485	500	526	535	421	421	471	473
Expenditures per eligible months (\$)	101	95	107	74	105	92	104	70	103	90	100	61
Durable medical equipment												
% with use	27.7	23.2	26.8	18.0	26.5	21.3	25.7	16.3	27.6	23.8	21.9	14.1
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	120	89	149	121	109	90	156	116	94	78	127	118
Expenditures per eligible months (\$)	63	40	74	45	56	37	73	40	52	38	59	41

(continued)

Table A.1-6 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, beneficiaries with Alzheimer's disease or other dementia

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer	Other dementia	Alzheimer
	Other hospital outpatient services											
% with use	38.5	31.0	36.2	35.9	38.7	30.7	36.6	34.0	44.7	37.1	35.9	34.6
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	261	149	204	133	263	141	228	127	297	162	198	110
Expenditures per eligible months (\$)	204	108	165	106	205	102	183	100	252	130	170	93

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Note: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for emergency department (non-admit), emergency department (psychiatric), observation stays, specialist E&M visits, primary care E&M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

Table A.1-7

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by HCC score

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+
Number of beneficiaries	6,062	11,625	8,164	2,203	11,834	25,570	17,766	4,213	7,456	11,222	7,206	1,684	14,452	23,989	14,955	3,025	5,664	8,872	4,952	1,298	13,890	24,430	14,280	3,289
Institutional setting																								
Inpatient admissions ¹																								
% with use	2.3	4.0	7.0	16.7	2.9	4.6	9.1	21.4	4.4	5.3	6.9	12.0	5.3	5.5	8.7	15.7	4.2	4.8	6.6	10.9	4.2	5.0	7.7	12.8
Utilization per 1,000 user months	154.9	170.1	173.7	261.1	161.8	174.5	191.1	314.6	183.0	179.0	184.9	234.9	209.2	190.2	206.6	276.5	155.7	151.5	156.4	221.7	145.7	144.0	160.8	220.0
Utilization per 1,000 eligible months	25.4	43.7	76.9	190.8	30.8	49.9	99.2	250.7	48.7	57.8	75.2	136.9	58.2	60.0	96.7	179.1	46.1	52.7	72.7	125.2	46.1	54.7	83.2	146.1
Expenditures per user months (\$)	1,857	1,942	1,859	3,482	1,662	1,674	1,706	3,403	2,485	2,259	2,239	3,154	2,420	1,930	2,000	2,860	2,173	1,974	1,940	3,031	1,730	1,518	1,571	2,431
Expenditures per eligible months (\$)	304	498	822	2,543	316	476	884	2,711	659	729	909	1,838	672	609	935	1,852	643	687	902	1,710	546	576	813	1,614
Inpatient psychiatric admissions																								
% with use	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.3
Utilization per 1,000 user months	138.5	130.3	138.2	154.8	109.4	143.3	103.7	159.0	107.8	132.9	143.7	97.6	126.1	186.5	123.8	139.1	103.3	119.6	121.5	66.7	112.9	84.7	112.8	111.4
Utilization per 1,000 eligible months	0.2	0.4	0.8	1.2	0.4	0.8	0.6	2.3	0.4	0.6	0.7	0.5	0.6	1.0	0.5	2.1	0.4	0.5	0.3	0.8	0.7	0.5	0.8	2.8
Expenditures per user months (\$)	1,019	786	649	769	326	660	441	438	557	648	1,237	642	524	952	645	571	624	660	827	745	543	485	674	594
Expenditures per eligible months (\$)	1	2	4	6	1	4	3	5	2	3	6	3	3	5	3	9	2	3	2	9	3	3	5	15

(continued)

Table A.1-7 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by HCC score

	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
Measures by setting	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+
Inpatient substance abuse																								
% with use	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.3
Utilization per 1,000 user months	138.5	130.3	138.2	154.8	109.4	143.3	103.7	159.0	107.8	132.9	143.7	97.6	126.1	186.5	123.8	139.1	103.3	119.6	121.5	66.7	112.9	84.7	112.8	111.4
Utilization per 1,000 eligible months	0.2	0.4	0.8	1.2	0.4	0.8	0.6	2.3	0.4	0.6	0.7	0.5	0.6	1.0	0.5	2.1	0.4	0.5	0.3	0.8	0.7	0.5	0.8	2.8
Expenditures per user months (\$)	1,019	786	649	769	326	660	441	438	557	648	1,237	642	524	952	645	571	624	660	827	745	543	485	674	594
Expenditures per eligible months (\$)	1	2	4	6	1	4	3	5	2	3	6	3	3	5	3	9	2	3	2	9	3	3	5	15
Emergency department (non-admit)																								
% with use	8.0	8.6	10.2	14.3	8.5	8.6	10.9	13.4	9.3	9.0	9.8	12.4	10.0	9.0	10.1	13.4	10.3	9.8	11.0	13.3	9.7	9.1	10.5	12.8
Utilization per 1,000 user months	263.2	258.7	269.9	324.5	253.9	245.4	280.3	307.1	266.4	252.8	252.3	295.0	281.2	246.5	267.9	305.8	255.6	229.1	243.8	261.5	238.0	219.6	242.4	277.5
Utilization per 1,000 eligible months	106.4	115.3	137.8	207.2	110.4	111.5	149.7	188.6	120.7	118.0	127.0	167.0	134.3	116.6	137.0	183.3	136.2	126.2	146.5	175.5	130.9	121.0	147.4	176.0
Expenditures per user months (\$)	100	112	130	158	77	90	108	126	118	124	131	153	107	99	112	127	119	119	131	146	92	94	110	134
Expenditures per eligible months (\$)	40	50	66	100	33	41	57	78	53	58	66	87	51	47	57	76	63	65	79	98	50	51	67	85

(continued)

Table A.1-7 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by HCC score

	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
Measures by setting	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+
Emergency department (psychiatric)																								
% with use	0.5	0.6	0.6	0.8	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.7	0.6	0.5	0.5	0.4	0.4	0.6	0.4
Utilization per 1,000 user months	167.7	190.2	184.4	188.7	122.9	149.4	153.8	119.6	174.1	174.3	150.2	172.3	135.2	147.1	126.9	148.1	179.5	151.8	121.7	117.6	88.2	101.6	105.0	90.8
Utilization per 1,000 eligible months	6.2	7.6	7.7	10.9	4.5	5.0	6.1	6.1	7.6	7.7	6.6	6.4	4.8	4.8	5.0	4.8	9.6	7.6	6.3	6.6	4.2	4.8	6.4	4.0
Expenditures per user months (\$)	56	71	72	86	41	51	50	48	62	67	67	81	44	50	44	67	72	63	54	56	30	35	32	42
Expenditures per eligible months (\$)	2	3	3	5	1	2	2	2	3	3	3	3	2	2	2	2	4	3	3	3	1	2	2	2
Observation stays																								
% with use	0.6	0.8	1.3	2.0	0.7	1.0	1.6	2.1	0.9	1.0	1.2	1.6	1.3	1.3	1.6	2.0	1.0	1.1	1.5	1.8	1.2	1.3	1.9	2.4
Utilization per 1,000 user months	117.2	113.7	118.5	125.7	108.9	116.9	120.7	116.9	126.6	118.9	118.8	129.6	132.2	121.1	126.7	124.3	98.2	94.8	93.1	106.5	94.6	96.7	102.4	108.2
Utilization per 1,000 eligible months	6.2	8.1	13.4	20.8	7.1	10.6	16.8	22.0	9.5	10.8	13.0	16.9	14.1	13.3	16.9	20.8	9.9	11.5	14.9	19.2	12.2	14.1	19.8	25.0
Expenditures per user months (\$)	190	202	205	227	165	199	168	169	244	236	234	238	218	186	188	201	211	203	192	194	166	171	165	199
Expenditures per eligible months (\$)	10	14	23	37	11	18	23	32	18	21	25	31	23	20	25	34	21	25	31	35	21	25	32	46

(continued)

Table A.1-7 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by HCC score

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+
Skilled nursing facility																								
% with use	0.5	1.1	2.3	5.8	0.5	1.4	3.1	6.8	1.1	1.7	2.4	4.0	1.4	1.8	3.0	4.5	0.8	1.3	2.0	3.0	0.9	1.5	2.7	3.8
Utilization per 1,000 user months	181.2	160.0	151.8	195.3	161.3	149.7	166.5	199.8	190.2	169.9	170.9	196.2	202.7	167.4	172.2	183.0	140.7	134.9	130.8	152.5	135.0	121.1	123.5	150.0
Utilization per 1,000 eligible months	5.2	12.0	24.8	66.0	5.6	15.3	33.7	76.3	11.8	18.7	26.2	44.7	15.6	19.5	33.5	49.4	8.5	13.6	21.3	32.7	9.6	16.5	28.7	42.6
Expenditures per user months (\$)	1,611	1,821	1,888	2,142	1,545	1,354	1,543	1,735	2,147	1,964	2,038	2,069	1,803	1,541	1,546	1,465	1,889	1,579	1,494	1,618	1,455	1,166	1,268	1,306
Expenditures per eligible months (\$)	43	128	298	689	52	134	306	650	124	207	297	442	136	176	293	387	112	156	237	337	102	157	290	365
Hospice																								
% with use	0.3	0.7	1.5	2.6	0.6	1.0	2.0	3.0	1.1	1.4	2.3	3.2	1.0	1.4	2.3	4.1	0.7	0.7	1.2	1.9	0.9	1.5	2.2	3.0
Utilization per 1,000 user months	355.9	331.8	386.7	354.8	417.6	325.0	362.4	333.7	463.6	387.7	432.8	399.2	437.5	415.2	478.1	532.9	444.3	285.7	272.4	284.8	390.7	363.5	337.9	361.0
Utilization per 1,000 eligible months	3.5	7.7	16.0	28.1	5.7	10.3	21.8	32.5	12.1	14.4	25.2	33.2	10.6	14.4	24.2	44.1	7.4	7.1	11.7	19.6	8.7	14.7	22.2	31.2
Expenditures per user months (\$)	1,205	1,088	1,380	1,205	1,313	994	1,127	962	1,618	1,347	1,476	1,444	1,313	1,196	1,511	1,606	1,658	912	894	1,022	1,269	1,220	1,084	1,201
Expenditures per eligible months (\$)	12	25	57	95	18	32	68	94	42	50	86	119	32	41	77	133	28	22	38	70	28	49	70	103

(continued)

Table A.1-7 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by HCC score

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+
Non-institutional setting																								
Specialist E&M visits																								
% with use	5.1	5.6	6.2	7.8	5.2	5.2	6.0	6.4	6.0	5.7	5.6	6.6	5.9	5.4	5.4	6.7	6.4	6.6	6.5	6.9	6.0	5.7	5.5	6.0
Utilization per 1,000 user months	147.8	150.6	152.4	162.7	149.2	148.2	151.9	151.3	157.7	149.1	152.5	152.0	162.4	146.2	147.2	159.1	138.9	136.8	130.1	140.1	125.6	119.2	116.7	123.7
Utilization per 1,000 eligible months	55.2	59.5	67.0	85.5	55.9	56.4	64.4	69.3	65.4	62.1	60.7	72.3	65.2	58.0	58.0	73.3	69.0	71.6	70.1	77.4	65.0	61.3	59.2	65.2
Expenditures per user months (\$)	14	15	15	17	13	13	14	14	16	15	15	15	15	13	13	15	14	14	13	14	11	11	11	11
Expenditures per eligible months (\$)	5	6	7	9	5	5	6	6	6	6	6	7	6	5	5	7	7	7	7	8	6	5	5	6
Primary care E&M visits																								
% with use	52.5	61.0	66.9	75.9	56.0	67.1	73.3	77.0	57.7	61.9	64.8	70.1	60.9	67.5	71.4	73.7	61.3	66.8	68.8	71.8	59.5	68.8	72.1	74.1
Utilization per 1,000 user months	895	1,050	1,266	1,716	923	1,157	1,425	1,764	1,068	1,126	1,256	1,510	1,095	1,230	1,392	1,667	1,086	1,244	1,354	1,557	1,052	1,279	1,454	1,589
Utilization per 1,000 eligible months	848	1,026	1,243	1,697	880	1,139	1,407	1,745	1,020	1,102	1,223	1,478	1,056	1,209	1,370	1,639	1,059	1,228	1,336	1,528	1,019	1,260	1,435	1,566
Expenditures per user months (\$)	64	72	88	121	55	68	85	108	78	80	89	106	65	72	82	99	82	91	97	111	65	78	88	95
Expenditures per eligible months (\$)	60	70	86	120	52	67	83	106	73	78	86	103	62	70	81	97	79	90	96	109	63	77	87	94

(continued)

Table A.1-7 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by HCC score

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+
Behavioral health visits																								
% with use	6.0	6.3	5.6	5.4	7.8	7.1	5.2	5.9	4.3	4.6	5.0	5.9	5.6	5.3	4.5	4.9	2.2	2.9	3.8	5.6	3.8	4.4	4.4	4.3
Utilization per 1,000 user months	598.7	549.2	512.3	451.1	575.7	499.3	422.2	441.0	529.1	527.7	712.8	816.9	433.1	449.1	461.7	373.7	610.5	709.2	1,091.0	1,161.3	509.6	623.0	638.5	488.5
Utilization per 1,000 eligible months	90.1	96.2	88.4	88.9	116.7	100.0	72.2	85.4	78.7	88.0	116.7	142.4	87.4	91.0	81.3	74.4	45.8	71.0	125.8	163.7	74.4	100.7	104.9	88.6
Expenditures per user months (\$)	21	22	22	22	22	19	19	19	23	24	33	39	19	19	20	17	39	45	66	68	28	32	33	25
Expenditures per eligible months (\$)	3	4	4	4	4	4	3	4	3	4	5	7	4	4	4	3	3	4	8	10	4	5	5	5
Outpatient therapy (PT, OT, ST)																								
% with use	3.0	5.5	7.1	9.3	2.9	6.0	7.7	8.5	4.1	5.8	6.9	7.9	3.9	6.1	7.4	7.3	3.4	5.1	6.4	7.4	3.8	6.4	8.4	8.7
Utilization per 1,000 user months	2,486	3,403	4,030	4,921	4,747	5,629	6,148	6,425	3,012	3,139	3,358	3,785	4,975	5,406	5,786	5,236	2,749	2,777	3,149	3,733	5,957	5,750	6,245	6,339
Utilization per 1,000 eligible months	306	709	1,080	1,712	578	1,294	1,752	1,985	492	726	945	1,167	752	1,289	1,672	1,494	439	667	945	1,213	994	1,590	2,239	2,358
Expenditures per user months (\$)	94	134	154	195	164	193	215	233	115	121	128	148	164	176	197	177	82	80	92	109	171	157	172	176
Expenditures per eligible months (\$)	11	28	40	64	20	43	59	66	18	27	35	44	24	41	55	48	13	19	27	34	28	42	59	63
Independent therapy (PT, OT, ST)																								
% with use	2.4	2.1	2.0	1.7	1.2	1.1	1.2	0.7	2.3	2.1	1.8	1.6	1.4	0.9	0.8	0.6	2.6	2.6	2.1	1.6	1.0	1.0	0.8	0.8
Utilization per 1,000 user months	2,147	2,135	2,060	1,563	1,678	2,286	2,137	1,193	2,000	1,937	1,685	1,634	2,286	1,682	1,760	2,166	2,042	1,874	1,628	1,448	1,737	1,779	1,553	1,040
Utilization per 1,000 eligible months	197.0	177.5	163.1	125.0	91.9	104.9	110.2	43.9	191.0	166.5	133.2	114.0	123.7	74.6	71.0	57.6	237.4	232.4	180.2	123.8	104.2	105.7	83.8	47.2
Expenditures per user months (\$)	64	66	69	53	48	67	71	38	59	59	54	55	69	54	59	51	50	48	44	44	44	45	39	24
Expenditures per eligible months (\$)	6	5	5	4	3	3	4	1	6	5	4	4	4	2	2	1	6	6	5	4	3	3	2	1

(continued)

Table A.1-7 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by HCC score

Measures by setting	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+	<1	1–2	2–4	4+
Home health																								
% with use	0.7	1.6	3.7	8.7	1.1	2.0	4.7	11.6	1.4	2.2	3.5	7.0	2.1	2.5	4.6	8.7	1.6	2.1	3.6	6.8	1.6	2.5	4.5	7.3
Utilization per 1,000 user months	175.4	165.3	180.6	209.9	181.0	191.0	213.1	259.3	166.2	164.4	185.5	218.0	198.4	198.7	215.8	271.1	149.7	140.4	159.4	207.6	135.1	162.4	198.3	211.8
Utilization per 1,000 eligible months	7.5	15.8	36.9	87.2	11.2	20.3	47.2	117.3	14.5	22.0	35.6	70.2	21.5	25.2	46.4	87.5	15.8	21.3	36.4	67.8	16.0	24.8	45.5	73.5
Expenditures per user months (\$)	417	447	503	596	410	462	503	651	471	451	505	580	451	479	488	652	388	386	429	553	334	381	477	513
Expenditures per eligible months (\$)	18	43	102	247	25	48	111	293	41	60	97	187	49	60	105	209	41	58	97	179	39	58	109	176
Durable medical equipment																								
% with use	19.2	28.1	39.3	52.1	19.4	25.4	37.6	51.0	23.0	28.0	36.4	46.9	22.1	25.6	34.4	48.9	23.7	31.1	37.6	47.9	18.5	23.8	31.2	43.1
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	88	117	161	290	96	128	172	255	122	114	156	281	129	124	173	254	88	112	125	258	107	105	168	250
Expenditures per eligible months (\$)	38	64	107	235	41	65	108	198	58	63	99	206	58	62	103	188	46	70	86	200	48	56	100	183
Other hospital outpatient services																								
% with use	40.0	40.9	42.8	51.2	33.7	35.5	37.8	46.2	43.0	41.6	41.2	46.5	35.9	35.0	37.2	45.1	46.6	47.3	46.2	50.4	35.9	35.4	37.4	41.8
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	460	338	252	423	418	275	168	237	493	356	244	319	448	254	177	250	519	370	267	375	404	238	163	210
Expenditures per eligible months (\$)	366	275	210	375	322	225	143	212	399	291	199	274	352	208	149	220	445	328	236	333	345	209	144	189

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Note: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for emergency department (non-admit), emergency department (psychiatric), observation stays, specialist E&M visits, primary care E&M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

Table A.1-8
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by high cost users

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile
Number of beneficiaries	25,225	2,829	53,448	5,935	24,871	2,697	50,847	5,574	18,706	2,080	50,464	5,425
Institutional setting												
Inpatient admissions ¹												
% with use	3.3	22.7	4.3	26.8	3.7	23.7	4.4	27.6	3.5	21.0	4.0	21.6
Utilization per 1,000 user months	135.7	295.4	150.3	339.5	140.6	302.8	156.3	346.1	119.6	269.7	120.4	269.0
Utilization per 1,000 eligible months	34.6	268.6	45.9	315.3	39.0	279.2	46.7	322.3	37.2	243.6	42.3	247.9
Expenditures per user months (\$)	1,133	4,431	1,032	4,404	1,309	5,042	1,149	4,759	1,194	4,520	984	3,755
Expenditures per eligible months (\$)	288	4,029	314	4,090	362	4,647	343	4,431	371	4,083	345	3,461
Inpatient psychiatric admissions												
% with use	0.2	1.5	0.6	2.8	0.2	1.4	0.6	2.9	0.2	1.1	0.7	2.2
Utilization per 1,000 user months	128.1	181.7	136.0	243.5	132.4	215.6	135.2	242.9	106.0	149.8	107.6	175.1
Utilization per 1,000 eligible months	2.3	18.9	6.2	33.4	2.7	17.2	5.9	33.3	2.1	14.0	6.9	26.2
Expenditures per user months (\$)	807	1,986	820	1,997	898	2,526	869	1,857	780	1,827	714	1,291
Expenditures per eligible months (\$)	14	206	37	274	18	202	37	254	15	171	45	192

(continued)

Table A.1-8 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by high cost users

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile
Inpatient substance abuse												
% with use	0.0	0.2	0.0	0.3	0.0	0.2	0.0	0.5	0.0	0.2	0.0	0.3
Utilization per 1,000 user months	117.9	157.5	121.1	141.3	104.7	170.3	97.8	203.2	90.6	131.0	87.6	124.4
Utilization per 1,000 eligible months	0.2	2.7	0.5	3.1	0.3	2.5	0.3	5.4	0.3	1.9	0.4	3.4
Expenditures per user months (\$)	497	957	412	651	518	1,324	400	1,034	518	965	450	724
Expenditures per eligible months (\$)	1	17	2	14	2	20	1	28	1	14	2	20
Emergency department (non-admit)												
% with use	8.3	18.0	8.6	17.6	8.5	17.8	8.7	19.1	9.3	19.0	8.8	17.8
Utilization per 1,000 user months	243.9	393.3	238.9	394.7	238.1	366.2	238.0	407.8	220.8	349.1	207.9	385.5
Utilization per 1,000 eligible months	106.9	285.8	109.4	282.3	107.3	261.8	110.4	295.9	118.4	281.2	113.5	293.2
Expenditures per user months (\$)	105	192	86	156	111	206	92	186	108	206	85	185
Expenditures per eligible months (\$)	46	139	39	111	50	147	42	134	58	166	46	141

(continued)

Table A.1-8 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by high cost users

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration Period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile
Emergency department (psychiatric)												
% with use	0.5	1.2	0.4	1.2	0.5	1.2	0.4	1.0	0.5	1.1	0.4	1.1
Utilization per 1,000 user months	172.8	228.2	132.1	176.8	153.1	231.4	126.6	179.2	140.5	184.3	89.1	132.8
Utilization per 1,000 eligible months	6.4	16.8	4.3	13.9	6.1	17.0	3.9	12.6	6.7	15.8	3.9	13.2
Expenditures per user months (\$)	64	93	45	58	57	106	40	76	57	87	31	41
Expenditures per eligible months (\$)	2	7	1	5	2	8	1	5	3	7	1	4
Observation stays												
% with use	0.8	2.7	1.0	3.0	0.9	3.0	1.1	3.7	0.9	3.2	1.2	3.9
Utilization per 1,000 user months	113.1	129.2	112.7	131.1	115.4	137.2	118.4	146.7	91.0	109.2	92.7	117.9
Utilization per 1,000 eligible months	7.9	28.8	10.2	32.3	8.9	32.2	11.8	40.7	9.7	34.0	12.4	41.9
Expenditures per user months (\$)	187	250	165	219	206	321	175	254	183	245	153	224
Expenditures per eligible months (\$)	13	56	15	54	16	75	17	70	19	76	20	79

(continued)

Table A.1-8 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by high cost users

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile
Skilled nursing facility												
% with use	1.2	5.9	1.6	6.2	1.3	6.6	1.6	6.6	1.0	4.9	1.4	4.7
Utilization per 1,000 user months	150.8	193.4	154.8	201.1	162.7	201.4	159.4	220.9	126.1	154.8	118.4	152.9
Utilization per 1,000 eligible months	12.2	68.4	17.5	70.7	14.0	74.8	17.9	75.2	10.5	54.7	15.2	52.6
Expenditures per user months (\$)	1,850	2,028	1,514	1,548	1,952	2,161	1,514	1,718	1,507	1,746	1,205	1,405
Expenditures per eligible months (\$)	140	701	166	539	157	787	165	581	121	611	152	481
Hospice												
% with use	0.7	3.3	0.9	4.7	1.3	4.7	1.4	3.9	0.8	2.1	1.1	5.0
Utilization per 1,000 user months	330.7	424.9	318.0	413.3	395.2	477.0	464.8	430.6	300.6	307.0	323.7	440.1
Utilization per 1,000 eligible months	7.7	35.4	10.0	50.8	13.9	50.7	15.0	41.6	7.5	21.6	11.5	51.5
Expenditures per user months (\$)	1,068	1,607	887	1,440	1,284	1,889	1,339	1,479	958	1,203	973	1,667
Expenditures per eligible months (\$)	25	134	28	177	45	201	43	143	24	85	34	194

(continued)

Table A.1-8 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by high cost users

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile
Non-institutional setting												
Specialist E&M visits												
% with use	5.5	8.6	5.3	7.2	5.5	8.4	5.4	7.6	6.2	9.2	5.5	7.7
Utilization per 1,000 user months	149.7	163.3	149.4	152.4	149.6	168.3	149.6	161.9	133.4	148.7	119.5	127.4
Utilization per 1,000 eligible months	58.8	94.8	57.4	78.0	59.4	94.0	57.7	85.3	66.9	102.4	59.3	83.7
Expenditures per user months (\$)	15	17	14	14	15	18	14	15	13	15	11	12
Expenditures per eligible months (\$)	6	10	5	7	6	10	5	8	6	10	5	8
Primary care E&M visits												
% with use	61.0	70.7	67.2	69.6	61.2	69.7	67.1	68.7	65.3	74.2	67.5	68.0
Utilization per 1,000 user months	1,075.9	1,591.1	1,200.1	1,532.8	1,117.3	1,609.2	1,235.3	1,531.4	1,194.1	1,706.8	1,255.0	1,498.9
Utilization per 1,000 eligible months	1,045.1	1,574.4	1,174.3	1,512.1	1,083.9	1,578.8	1,208.8	1,501.5	1,173.5	1,693.2	1,231.3	1,477.5
Expenditures per user months (\$)	75	115	71	95	79	122	72	94	87	126	76	94
Expenditures per eligible months (\$)	72	114	69	94	76	119	70	92	85	125	75	93

(continued)

Table A.1-8 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by high cost users

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile
Behavioral health visits												
% with use	6.0	5.5	6.6	6.2	4.8	4.3	5.1	5.6	3.1	3.8	4.2	4.7
Utilization per 1,000 user months	549.4	468.4	499.3	430.2	603.1	559.9	445.5	429.6	901.6	591.5	599.6	536.2
Utilization per 1,000 eligible months	91.8	93.9	94.0	93.2	97.5	91.4	84.8	100.5	83.4	95.1	91.3	115.9
Expenditures per user months (\$)	22	22	19	21	27	28	19	22	55	38	31	30
Expenditures per eligible months (\$)	4	4	4	5	4	5	3	5	5	6	5	6
Outpatient therapy (PT, OT, ST)												
% with use	5.6	7.3	6.1	6.2	5.7	6.6	6.0	6.5	5.0	6.5	6.4	6.1
Utilization per 1,000 user months	3,599.3	4,324.5	5,873.5	5,321.1	3,232.1	3,306.2	5,467.7	5,339.3	2,948.7	3,113.3	5,955.7	6,261.0
Utilization per 1,000 eligible months	751.2	1,283.4	1,334.0	1,361.7	730.6	951.7	1,249.5	1,453.0	676.6	1,028.8	1,621.2	1,785.7
Expenditures per user months (\$)	139	170	203	195	124	129	181	188	85	94	163	187
Expenditures per eligible months (\$)	29	48	44	46	27	35	40	47	19	29	43	48

(continued)

Table A.1-8 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by high cost users

Measure by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile
Independent therapy (PT, OT, ST)												
% with use	2.1	1.9	1.1	0.9	2.1	1.7	1.0	0.8	2.5	2.1	0.9	1.0
Utilization per 1,000 user months	2,124.6	1,676.1	2,033.4	2,097.3	1,930.0	1,414.1	1,908.6	1,823.0	1,867.4	1,581.2	1,707.5	1,481.8
Utilization per 1,000 eligible months	177.5	140.4	100.9	87.5	165.5	117.3	87.0	66.9	217.5	180.5	96.3	96.8
Expenditures per user months (\$)	66	55	62	69	59	46	61	51	48	44	42	40
Expenditures per eligible months (\$)	6	5	3	3	5	4	3	2	6	5	2	3
Home health												
% with use	1.9	7.8	2.4	10.6	2.0	7.9	2.5	10.7	2.0	7.7	2.2	9.5
Utilization per 1,000 user months	177.6	193.7	205.1	232.4	173.4	192.6	205.3	232.4	148.6	175.8	165.1	197.8
Utilization per 1,000 eligible months	19.1	78.5	24.6	107.1	20.4	79.0	24.8	107.7	20.2	77.7	22.5	95.6
Expenditures per user months (\$)	472	569	478	592	465	550	467	568	391	494	389	489
Expenditures per eligible months (\$)	51	230	57	271	55	225	56	263	53	217	53	235
Durable medical equipment												
% with use	29.6	45.5	27.9	45.0	28.6	43.6	26.8	42.9	30.5	43.5	23.9	38.0
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	120	294	126	295	117	287	122	319	98	266	100	336
Expenditures per eligible months (\$)	66	229	66	218	64	215	62	228	59	210	52	239

(continued)

Table A.1-8 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by high cost users

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile	<90th percentile	>=90th percentile
Other hospital outpatient services												
% with use	38.8	66.9	33.7	60.0	39.1	66.7	33.6	59.8	43.7	73.1	33.2	62.0
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	196	1,325	163	981	221	1,304	171	1,042	217	1,491	148	1,065
Expenditures per eligible months (\$)	158	1,258	132	922	177	1,230	138	966	188	1,456	128	1,028

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Note: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for emergency department (non-admit), emergency department (psychiatric), observation stays, specialist E&M visits, primary care E&M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

Table A.1-9
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by death

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died
Number of beneficiaries	26,256	1,798	55,176	4,207	24,172	3,396	48,577	7,844	18,386	2,400	46,352	9,537
Institutional setting												
Inpatient admissions ¹												
% with use	5.0	15.1	6.1	20.0	5.1	15.8	5.8	21.5	4.6	17.7	5.1	18.0
Utilization per 1,000 user months	176.9	268.7	190.0	301.2	171.5	292.9	185.2	355.6	142.4	286.6	141.0	284.2
Utilization per 1,000 eligible months	55.4	171.4	66.9	233.6	56.0	178.3	63.3	248.0	50.6	202.8	55.4	205.7
Expenditures per user months (\$)	2,018	3,594	1,778	3,438	2,117	4,187	1,817	4,200	1,791	4,266	1,427	3,582
Expenditures per eligible months (\$)	631	2,288	624	2,661	690	2,549	620	2,929	636	3,018	561	2,588
Inpatient psychiatric admissions												
% with use	0.4	0.3	0.8	1.0	0.4	0.4	0.8	1.0	0.3	0.3	0.8	0.8
Utilization per 1,000 user months	151.7	134.7	165.7	156.6	157.4	186.0	162.7	195.9	121.9	134.7	121.5	146.5
Utilization per 1,000 eligible months	4.3	3.5	9.2	10.4	4.3	4.2	8.7	11.0	3.5	2.7	9.1	8.6
Expenditures per user months (\$)	1,334	1,112	1,129	1,362	1,376	2,402	1,088	1,862	1,165	1,650	824	1,233
Expenditures per eligible months (\$)	36	28	62	87	36	53	58	104	33	31	61	72
Inpatient substance abuse												
% with use	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0
Utilization per 1,000 user months	138.9	125.0	129.2	122.2	129.0	119.0	152.0	159.8	106.1	136.4	102.7	110.6
Utilization per 1,000 eligible months	0.5	0.4	0.8	0.1	0.6	0.3	0.9	0.4	0.5	0.2	0.8	0.4
Expenditures per user months (\$)	694	1,800	511	745	770	1,900	734	687	703	451	562	641
Expenditures per eligible months (\$)	3	5	3	0	4	4	4	2	3	1	4	2

(continued)

Table A.1-9 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by death

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died
Emergency department (non-admit)												
% with use	9.3	10.3	9.5	11.5	9.4	10.4	9.7	11.4	10.3	12.0	9.8	11.1
Utilization per 1,000 user months	270.7	261.7	264.6	256.8	256.1	297.1	262.5	302.4	239.8	268.8	232.9	254.7
Utilization per 1,000 eligible months	127.1	132.6	127.8	139.3	123.7	129.8	129.6	143.3	136.3	148.5	133.1	138.3
Expenditures per user months (\$)	119	148	96	111	123	180	104	142	121	169	98	133
Expenditures per eligible months (\$)	56	75	46	60	59	78	51	67	69	94	56	72
Emergency department (psychiatric)												
% with use	0.6	0.3	0.5	0.4	0.6	0.4	0.4	0.4	0.6	0.4	0.5	0.4
Utilization per 1,000 user months	184.0	185.0	143.2	129.2	167.5	167.0	137.2	152.1	147.9	175.0	97.8	116.8
Utilization per 1,000 eligible months	7.8	4.3	5.4	4.4	7.5	4.4	4.9	4.1	7.9	4.6	5.0	4.5
Expenditures per user months (\$)	70	77	48	52	65	95	47	69	62	80	32	53
Expenditures per eligible months (\$)	3	2	2	2	3	2	2	2	3	2	2	2
Observation stays												
% with use	1.0	1.5	1.2	1.2	1.1	1.5	1.4	1.8	1.2	1.9	1.5	2.0
Utilization per 1,000 user months	115.9	146.7	116.5	136.6	117.4	171.5	122.0	174.8	92.9	133.8	96.2	142.3
Utilization per 1,000 eligible months	10.0	15.9	12.6	12.8	11.1	15.8	14.6	19.2	12.0	19.4	15.3	21.3
Expenditures per user months (\$)	201	271	178	195	225	386	192	237	195	260	168	212
Expenditures per eligible months (\$)	17	29	19	18	21	35	23	26	25	37	27	32

(continued)

Table A.1-9 (continued)
Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by death

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died
Skilled nursing facility												
% with use	1.5	5.9	1.8	8.1	1.6	6.1	1.7	8.1	1.1	5.9	1.5	6.4
Utilization per 1,000 user months	157.0	226.5	158.6	217.8	161.1	246.9	153.1	285.0	118.8	218.1	114.0	200.9
Utilization per 1,000 eligible months	16.1	65.6	19.7	89.4	16.8	67.4	18.7	93.4	12.0	64.6	15.7	71.5
Expenditures per user months (\$)	1,896	2,052	1,535	1,463	1,991	2,195	1,541	1,709	1,487	2,100	1,234	1,379
Expenditures per eligible months (\$)	185	559	186	594	198	568	184	545	147	601	168	486
Hospice												
% with use	0.5	9.9	0.7	13.3	0.7	14.2	0.3	19.4	0.3	8.6	0.8	12.4
Utilization per 1,000 user months	418.2	314.5	409.1	305.0	441.5	404.0	458.0	455.2	351.6	280.6	454.4	295.9
Utilization per 1,000 eligible months	5.9	104.3	7.6	140.4	7.3	149.6	3.3	203.8	3.5	87.1	8.4	125.6
Expenditures per user months (\$)	1,634	923	1,438	796	1,770	1,271	1,579	1,334	1,469	828	1,754	808
Expenditures per eligible months (\$)	23	305	27	365	29	471	12	597	14	256	32	339
Non-institutional setting												
Specialist E&M visits												
% with use	5.9	4.2	5.6	4.2	6.0	3.8	5.7	3.8	6.6	5.8	5.8	4.4
Utilization per 1,000 user months	151.3	167.5	149.6	156.1	150.9	187.2	149.6	195.3	133.7	176.3	119.3	152.5
Utilization per 1,000 eligible months	63.8	46.2	60.5	45.3	64.9	41.7	62.2	42.0	71.4	64.5	63.0	47.8
Expenditures per user months (\$)	15	17	14	14	15	19	14	19	13	18	11	14
Expenditures per eligible months (\$)	6	5	5	4	6	4	6	4	7	7	6	4

(continued)

Table A.1-9 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by death

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died
Primary care E&M visits												
% with use	62.1	62.1	67.3	69.5	62.4	59.7	67.3	67.4	66.0	69.8	67.4	69.7
Utilization per 1,000 user months	1,134.5	1,158.1	1,230.2	1,361.6	1,168.1	1,214.6	1,253.8	1,448.2	1,240.3	1,438.1	1,268.6	1,483.6
Utilization per 1,000 eligible months	1,104.7	1,119.7	1,204.9	1,333.1	1,138.4	1,131.1	1,229.6	1,381.9	1,221.5	1,394.0	1,246.5	1,435.1
Expenditures per user months (\$)	79	82	73	80	83	88	74	86	91	105	78	88
Expenditures per eligible months (\$)	76	79	71	78	81	82	72	82	89	102	76	85
Behavioral health visits												
% with use	6.1	2.7	6.8	2.8	4.8	4.0	5.3	2.6	3.0	4.6	4.3	3.7
Utilization per 1,000 user months	546.7	308.6	496.4	312.9	592.2	701.8	444.2	422.0	808.9	1,321.5	574.7	915.2
Utilization per 1,000 eligible months	95.1	35.8	97.1	35.8	97.8	85.4	89.9	42.8	81.1	136.2	93.5	102.5
Expenditures per user months (\$)	22	16	20	16	27	35	19	22	50	73	30	44
Expenditures per eligible months (\$)	4	2	4	2	4	4	4	2	5	7	5	5
Outpatient therapy (PT, OT, ST)												
% with use	5.5	10.6	5.8	11.4	5.4	10.6	5.6	11.1	4.9	9.2	6.0	11.8
Utilization per 1,000 user months	3,633.2	4,578.6	5,746.7	6,447.6	3,094.3	4,493.4	5,306.2	6,676.2	2,787.3	4,980.1	5,791.5	7,978.9
Utilization per 1,000 eligible months	767.9	1,633.3	1,278.1	2,411.3	696.4	1,473.3	1,193.5	2,267.7	659.2	1,513.2	1,539.2	3,099.4
Expenditures per user months (\$)	140	182	199	235	118	181	174	243	81	152	160	223
Expenditures per eligible months (\$)	29	64	42	85	26	59	38	79	18	44	41	83

(continued)

Table A.1-9 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by death

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died
Independent therapy (PT, OT, ST)												
% with use	2.2	0.6	1.1	0.3	2.2	0.3	1.1	0.2	2.5	1.0	1.0	0.2
Utilization per 1,000 user months	2,085.0	1,352.0	2,060.9	847.9	1,872.9	2,073.0	1,893.5	2,362.7	1,838.1	1,719.3	1,658.1	3,898.3
Utilization per 1,000 eligible months	180.6	35.6	104.1	14.1	170.8	29.5	89.6	22.9	223.4	73.8	100.7	32.5
Expenditures per user months (\$)	66	41	63	32	58	58	60	66	47	43	42	108
Expenditures per eligible months (\$)	6	1	3	1	5	1	3	1	6	2	2	1
Home health												
% with use	2.5	4.5	3.3	4.5	2.6	4.1	3.3	4.2	2.5	5.1	2.9	4.6
Utilization per 1,000 user months	181.1	202.7	214.0	213.3	174.5	225.1	210.8	251.6	151.9	198.3	172.1	210.4
Utilization per 1,000 eligible months	24.9	44.9	33.0	45.0	25.6	41.7	33.1	42.7	25.0	51.4	29.5	45.8
Expenditures per user months (\$)	502	523	518	472	484	548	495	551	414	486	416	458
Expenditures per eligible months (\$)	69	116	80	98	71	101	77	93	68	125	71	98

(continued)

Table A.1-9 (continued)

Percentage, utilization, and expenditures for institutional and non-institutional services for the Washington demonstration and comparison groups, by death

Measures by setting	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died	Alive	Died
Durable medical equipment												
% with use	31.4	31.1	30.0	25.9	30.5	26.9	28.9	24.4	31.9	33.9	25.5	24.0
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	144	193	151	169	141	157	150	160	119	181	133	165
Expenditures per eligible months (\$)	84	104	83	79	81	72	81	70	75	103	73	74
Other hospital outpatient services												
% with use	42.1	40.7	36.4	41.1	42.4	39.0	36.2	38.9	46.8	50.6	36.1	40.6
Utilization per 1,000 user months	—	—	—	—	—	—	—	—	—	—	—	—
Utilization per 1,000 eligible months	—	—	—	—	—	—	—	—	—	—	—	—
Expenditures per user months (\$)	336	518	264	296	349	459	273	356	364	613	253	387
Expenditures per eligible months (\$)	277	393	218	244	289	333	226	268	320	513	221	315

— = Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month. E&M = evaluation and management; OT = occupational therapy; PT = physical therapy; ST = speech therapy.

¹ Includes acute admissions, inpatient rehabilitation, and long-term care hospital admissions.

Notes: Utilization for inpatient admissions, inpatient psychiatric admissions, inpatient substance abuse, skilled nursing facility, and hospice are defined as number of admissions during the eligible/user month. Utilization for emergency department (non-admit), emergency department (psychiatric), observation stays, specialist E&M visits, primary care E&M visits, behavioral health visits, home health, and outpatient and independent therapy are defined as the number of visits during the eligible/user month. Durable medical equipment and other outpatient services are defined as having any of those services during the eligible month.

Appendix 2
Minimum Data Set Tables by Sex, Race, Age,
and Urban/Rural Status

Table A.2-1
Annual nursing facility utilization and characteristics at admission, Washington demonstration and comparison groups, stratified by sex

Measures of long-stay residents at admission	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Number of beneficiaries eligible for admission	9,107	16,652	16,408	34,417	8,416	15,169	14,632	29,784	7,515	13,474	14,885	28,892
Annual nursing facility utilization												
Weighted number of beneficiaries	6,479	12,493	12,491	22,404	6,126	11,532	11,388	20,211	5,939	11,046	9,831	17,409
New long-stay nursing facility admissions per 1,000 eligibles ¹	25.2	24.3	22.7	25.1	25.0	28.1	21.9	32.4	40.4	34.4	30.6	34.4
Characteristics of new long-stay nursing facility residents at admission												
Weighted number of admitted beneficiaries	163	303	283	562	153	324	249	584	240	380	301	599
Functional status (RUG-IV ADL scale)	8.7	9.0	6.3	7.7	9.0	9.9	7.1	8.4	8.6	9.5	6.7	8.1
Percent with severe cognitive impairment ²	35.5	29.6	33.9	40.2	30.1	27.7	35.8	42.3	29.3	26.5	39.5	30.0
Percent with serious mental illness ³	16.5	11.0	22.0	11.0	10.2	13.0	9.4	6.2	12.4	11.1	19.3	11.2
Percent with low level of care need ⁴	3.9	1.3	4.9	0.8	1.6	1.2	0.7	1.2	0.5	0.5	5.9	2.0

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period. The denominator for the admission rate measure also excludes those who were already residing in a NF at the start of the time period.

² Severe cognitive impairment was defined by a low score on the Brief Interview for Mental Status (BIMS), poor short-term memory, or severely impaired decision-making skills.

³ Serious mental illness was defined as having an active diagnosis of schizophrenia or bipolar disorder, determined by the Minimum Data Set (MDS) 3.0.

⁴ Low level of care need was defined as users in the reduced physical function Resource Utilization Group (RUG) who required no assistance with late-loss ADLs (bed mobility, transfer, toilet use, eating).

Table A.2-2
Annual nursing facility utilization (admission rate), Washington eligible and enrolled
groups, stratified by sex

Measures of long-stay residents at admission	Demonstration period 7/1/2013–12/31/2014			
	Eligible		Enrolled	
	Male	Female	Male	Female
Number of beneficiaries eligible for admission	7,515	13,474	3,423	6,255
Annual nursing facility utilization				
Weighted number of beneficiaries	5,939	11,046	1,195	2,225
New long-stay nursing facility admissions per 1,000 eligibles ¹	40.4	34.4	14.7	14.7

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period. The denominator for the admission rate measure also excludes those who were already residing in a NF at the start of the time period.

Table A.2-3

Annual utilization, characteristics, and quality measures of long-stay nursing facility residents, Washington demonstration and comparison groups, stratified by sex

Measures of all long-stay residents	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Number of beneficiaries eligible for long-stay	10,811	19,643	22,248	46,964	10,044	17,974	20,139	41,430	8,322	14,844	20,585	40,809
Annual nursing facility utilization												
Weighted number of beneficiaries ¹	7,638	14,634	16,447	30,651	7,285	13,581	15,250	27,521	6,542	12,078	12,771	23,401
Long-stay nursing facility users as % of eligibles	16.0	15.6	23.8	26.5	16.8	16.4	24.7	27.1	13.9	12.3	22.0	24.3
Characteristics of long-stay nursing facility residents												
Weighted number of long-stay beneficiaries	1,225	2,286	3,908	8,106	1,224	2,231	3,774	7,448	909	1,484	2,816	5,687
Functional status (RUG-IV ADL scale)	8.2	9.0	7.8	8.1	8.3	9.0	7.9	8.2	7.7	8.5	7.9	8.1
Percent with severe cognitive impairment ²	43.0	46.1	47.3	51.9	42.8	47.7	47.2	50.2	39.7	41.4	45.8	48.5
Percent with serious and persistent mental illness ³	13.4	12.3	13.7	9.1	11.7	12.6	13.9	11.0	11.9	14.5	14.8	13.0
Percent with low level of care need ⁴	6.2	3.5	7.9	6.0	6.0	3.5	7.0	6.4	8.2	5.7	7.2	6
Quality measures for long-stay nursing facility residents												
Weighted quality measure denominator	1,225	2,286	3,907	8,104	1,225	2,231	3,774	7,447	909	1,484	2,816	5,687
Percentage of long-stay residents who were physically restrained	2.1	1.3	2.8	2.2	1.4	1.3	2.3	1.5	1.3	1.1	1.6	1.3
Weighted quality measure denominator	1,135	2,146	3,601	7,690	1,140	2,086	3,470	7,032	831	1,362	2,545	5,341
Percentage of long-stay residents who got an antipsychotic medication	29.4	29.0	35.7	31.2	28.8	27.4	33.2	29.6	26.8	23.9	28.5	28.5
Weighted quality measure denominator	963	1,980	2,804	6,236	963	1,957	2,712	5,726	700	1,235	2,080	4,430
Percentage of long-stay high-risk residents with pressure ulcers	16.6	10.7	14.6	12.5	15.3	10.9	15.0	9.6	17.0	11.6	18.1	12.7
Percentage of long-stay residents who self-report moderate to severe pain	—	—	—	—	—	—	—	—	—	—	—	—
Percentage of long-stay residents experiencing one or more falls with major injury	—	—	—	—	—	—	—	—	—	—	—	—

— Not included in this year’s annual report, but planned for future analyses.

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period.

² Severe cognitive impairment was defined by a low score on the Brief Interview for Mental Status (BIMS), poor short-term memory, or severely impaired decision-making skills.

³ Serious and persistent mental illness (SPMI) was defined as having an active diagnosis of schizophrenia or bipolar disorder, determined by the Minimum Data Set (MDS) 3.0.

⁴ Low level of care need was defined as users in the reduced physical function RUG group who required no assistance with late-loss ADLs (bed mobility, transfer, toilet use, eating).

Table A.2-4
Annual utilization, characteristics, and quality measures of long-stay nursing facility residents, Washington eligible and enrolled groups, stratified by sex

Measures of all long-stay residents	Demonstration period 7/1/2013–12/31/2014			
	Eligible		Enrolled	
	Male	Female	Male	Female
Number of beneficiaries eligible for long-stay	8,322	14,844	3,989	7,239
Annual nursing facility utilization				
Weighted number of beneficiaries ¹	6,542	12,078	1,359	2,534
Long-stay nursing facility users as % of eligibles	13.9	12.3	3.8	3.5
Characteristics of long-stay nursing facility residents				
Weighted number of long-stay beneficiaries	909	1,484	51	87
Functional status (RUG-IV ADL scale)	7.7	8.5	6.5	8.2
Percent with severe cognitive impairment ²	39.7	41.4	30.8	33.8
Percent with serious mental illness ³	11.9	14.5	13.9	15.1
Percent with low level of care need ⁴	8.2	5.7	6.8	4.6
Quality measures for long-stay nursing facility residents				
Weighted quality measure denominator	909	1,484	51	87
Percentage of long-stay residents who were physically restrained	1.3	1.1	0.0	0.0
Weighted quality measure denominator	831	1,362	45	82
Percentage of long-stay residents who got an antipsychotic medication	26.8	23.9	19.9	26.6
Weighted quality measure denominator	700	1,235	36	67
Percentage of long-stay high-risk residents with pressure ulcers	17.0	11.6	14.6	14.3
Percentage of long-stay residents who self-report moderate to severe pain ⁴	—	—	—	—
Percentage of long-stay residents experiencing one or more falls with major injury ⁴	—	—	—	—

— Not included in this year’s annual report, but planned for future analyses.

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period.

² Severe cognitive impairment was defined by a low score on the Brief Interview for Mental Status (BIMS), poor short-term memory, or severely impaired decision-making skills.

³ Serious mental illness was defined as having an active diagnosis of schizophrenia or bipolar disorder, determined by the Minimum Data Set (MDS) 3.0.

⁴ Low level of care need was defined as users in the reduced physical function RUG group who required no assistance with late-loss ADLs (bed mobility, transfer, toilet use, eating).

Table A.2-5

Annual nursing facility utilization (admission rate), Washington demonstration and comparison groups, stratified by race

Measures of long-stay residents	Baseline period 1 7/1/2011–6/30/2012									Baseline period 2 7/1/2012–6/30/2013									Demonstration period 7/1/2013–12/31/2014								
	Demonstration					Comparison				Demonstration					Comparison				Demonstration					Comparison			
	White	African American	Hispanic	Asian/PI		White	African American	Hispanic	Asian/PI		White	African American	Hispanic	Asian/PI		White	African American	Hispanic	Asian/PI		White	African American	Hispanic	Asian/PI			
Number of beneficiaries eligible for admission	20,812	1,018	1,145	1,277	36,153	13,850	286	192		19,169	889	1,068	1,057	32,124	11,548	252	181			16,688	850	1,093	1,013	32,541	10,420	293	189
Annual nursing facility utilization																											
Weighted number of beneficiaries	15,309	771	879	1,020	29,777	6,265	266	261		14,420	677	832	825	26,951	5,412	258	272			13,674	665	927	849	22,755	5,135	261	202
New long-stay nursing facility admissions per 1,000 eligibles ¹	26.7	20.5	15.6	8.1	29.8	20.8	23.8	4.0		30.3	14.4	13.7	6.0	31.7	22.8	13.7	6.4			39.0	25.5	21.5	18.8	33.9	28.9	2.3	2.1

¹Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period. The denominator for the admission rate measure also excludes those who were already residing in a NF at the start of the time period.

Table A.2-6
Annual nursing facility utilization (admission rate), Washington eligible and enrolled groups, stratified by race

Measures of long-stay residents	Demonstration period 7/1/2013–12/31/2014							
	Eligible				Enrolled			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Number of beneficiaries eligible for admission	16,688	850	1,093	1,013	7,695	357	759	413
Annual nursing facility utilization								
Weighted number of beneficiaries	13,674	665	927	849	2,744	109	313	137
New long-stay nursing facility admissions per 1,000 eligibles ¹	39.0	25.5	21.5	18.8	16.5	8.7	10.6	0.0

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period. The denominator for the admission rate measure also excludes those who were already residing in a NF at the start of the time period.

Table A.2-7

Annual utilization, characteristics, and quality measures of long-stay nursing facility residents, Washington demonstration and comparison groups, stratified by race

Measures of all long-stay residents	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Number of beneficiaries eligible for long-stay	25,148	1,127	1,207	1,326	50,785	17,451	316	224	23,249	1,002	1,135	1,105	46,010	14,673	281	209	18,623	915	1,150	1,048	46,980	13,448	318	219
Annual nursing facility utilization																								
Weighted number of beneficiaries ¹	18,357	849	927	1,057	42,006	7,973	287	294	17,364	761	889	863	38,610	6,893	288	305	15,137	714	970	878	31,699	6,433	284	230
Long-stay nursing facility users as % of eligibles	17.5	11.0	6.5	4.2	28.5	21.4	10.0	10.7	18.3	11.6	7.2	4.3	30.0	22.2	11.7	11.5	14.0	9.8	7.2	5.5	25.8	19.7	8.2	11.8
Characteristics of long-stay nursing facility residents																								
Weighted number of long-stay beneficiaries	3,208	93	60	44	11,976	1,705	29	31	3,171	89	64	37	11,565	1,529	34	35	2,113	70	69	48	8,174	1,269	23	27
Functional status (RUG-IV ADL scale)	8.7	9.5	9.0	7.5	7.6	8.8	*	5.8	8.8	9.0	8.9	8.0	7.7	8.7	5.7	7.4	8.2	9.4	9.1	8.3	7.8	8.7	*	*
Percent with severe cognitive impairment ²	44.6	48.9	52.4	58.3	49.7	55.4	*	59.5	46.5	35.9	37.7	58.7	48.4	55.4	36.0	40.9	40.5	36.6	42.2	52.9	46.7	51.5	*	*
Percent with serious mental illness ³	12.9	15.0	7.6	8.9	11.5	15.3	*	20.3	12.4	11.7	11.3	10.9	12.5	16.1	2.5	3.1	14.0	10.9	9.5	4.1	14.7	15.9	*	*
Percent with low level of care need ⁴	4.4	4.1	3.3	6.8	7.7	4.9	*	7.3	4.2	5.9	6.3	8.2	8.2	5.5	9.5	9.3	6.6	9.2	8.4	0.0	8.1	5.0	*	*

(continued)

Table A.2-7 (continued)

Annual utilization, characteristics, and quality measures of long-stay nursing facility residents, Washington and comparison groups, stratified by race

Measures of all long-stay residents	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Quality measures for long-stay nursing facility residents																								
Weighted quality measure denominator	3,208	93	60	44	11,976	1,703	29	31	3,171	89	64	37	11,563	1,529	34	35	2,113	70	69	48	8,174	1,269	23	27
Percentage of long-stay residents who were physically restrained	1.7	1.1	0.0	0.0	2.9	1.9	*	1.3	1.3	1.1	0.0	0.0	2.5	1.4	0.0	0.0	1.0	1.4	1.4	4.0	1.5	0.6	*	*
Weighted quality measure denominator	2,996	86	56	41	11,237	1,513	28	28	2,960	83	60	35	10,777	1,360	34	34	1,934	64	65	46	7,526	1,121	21	25
Percentage of long-stay residents who got an antipsychotic medication	29.2	28.8	30.1	25.2	34.1	29.6	*	*	28.1	23.7	29.9	36.9	30.5	26.9	25.6	8.5	25.7	21.0	21.2	9.5	29.6	24.6	*	*
Weighted quality measure denominator	2,692	83	48	34	8,698	1,342	12	19	2,687	71	54	29	8,336	1,190	16	21	1,711	58	57	40	6,105	1,021	12	21
Percentage of long-stay high-risk residents with pressure ulcers	12.4	17.7	16.3	4.9	11.9	16.7	*	*	12.2	8.9	21.5	*	11.3	13.4	*	*	13.2	11.3	21.1	17.9	14.1	19.2	*	*
Percentage of long-stay residents who self-report moderate to severe pain ⁵	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Table A.2-7

Annual utilization, characteristics, and quality measures of long-stay nursing facility residents, Washington demonstration and comparison groups, stratified by race

Measures of all long-stay residents	Baseline period 1 7/1/2011–6/30/2012								Baseline period 2 7/1/2012–6/30/2013								Demonstration period 7/1/2013–12/31/2014							
	Demonstration				Comparison				Demonstration				Comparison				Demonstration				Comparison			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Percentage of long-stay residents experiencing one or more falls with major injury ⁵	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

— Not included in this year’s annual report, but planned for future analyses. * Measures not reported due to sample size of <30.

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period.

² Severe cognitive impairment was defined by a low score on the Brief Interview for Mental Status (BIMS), poor short-term memory, or severely impaired decision-making skills.

³ Serious mental illness was defined as having an active diagnosis of schizophrenia or bipolar disorder, determined by the Minimum Data Set (MDS) 3.0.

⁴ Low level of care need was defined as users in the reduced physical function RUG group who required no assistance with late-loss ADLs (bed mobility, transfer, toilet use, eating).

Table A.2-8
Annual nursing facility utilization (long-stay percentage), Washington eligible and enrolled groups, stratified by race

Measures of long-stay residents	Demonstration period 7/1/2013–12/31/2014							
	Eligible				Enrolled			
	White	African American	Hispanic	Asian/PI	White	African American	Hispanic	Asian/PI
Number of beneficiaries eligible for long-stay	18,623	915	1,150	1,048	9,064	406	807	444
Annual nursing facility utilization								
Weighted number of beneficiaries ¹	15,137	714	970	878	3,163	122	331	146
Long-stay nursing facility users as % of eligibles	14.0	9.8	7.2	5.5	3.8	2.5	2.8	1.6

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period.

Table A.2-9
Annual nursing facility utilization and characteristics at admission, Washington demonstration and comparison groups, stratified by age group

	Baseline period 1 7/1/2011–6/30/2012						Baseline period 2 7/1/2012–6/30/2013						Demonstration period 7/1/2013–12/31/2014					
	Demonstration			Comparison			Demonstration			Comparison			Demonstration			Comparison		
Measures of long-stay residents at admission	< 65	65–74	> 74	< 65	65–74	> 74	< 65	65–74	> 74	< 65	65–74	> 74	< 65	65–74	> 74	< 65	65–74	> 74
Number of beneficiaries eligible for admission	12,650	5,904	7,204	25,359	11,894	13,572	12,158	5,295	6,131	23,747	10,208	10,460	12,597	4,425	3,964	25,312	9,458	9,006
Annual nursing facility utilization																		
Weighted number of beneficiaries	9,456	4,359	5,156	19,478	7,774	7,672	9,127	4,044	4,487	18,476	6,923	6,195	9,849	3,815	3,318	18,214	5,145	3,869
New long-stay nursing facility admissions per 1,000 eligibles ¹	12.3	25.5	46.5	9.2	21.4	65.1	11.9	28.1	56.6	8.7	30.6	74.5	23.2	42.7	68.9	16.0	47.7	94.2
Characteristics of new long-stay nursing facility residents at admission																		
Weighted number of admitted beneficiaries	116	111	240	179	166	500	109	114	254	161	212	461	229	163	229	291	246	364
Functional status (RUG-IV ADL scale)	8.2	8.1	9.6	6.9	7.1	7.4	9.5	9.4	9.8	7.7	7.9	8.1	9.0	8.3	10.0	7.4	7.6	7.8
Percent with severe cognitive impairment ²	19.1	23.6	11.0	35.5	34.1	40.4	14.7	22.3	37.1	20.0	40.0	47.6	12.9	21.1	46.9	22.4	32.6	42.1
Percent with serious mental illness ³	26.3	17.9	4.1	31.1	20.5	6.8	17.9	18.6	6.8	21.3	9.6	1.0	19.3	10.5	4.6	27.2	13.8	3.4
Percent with low level of care need ⁴	2.2	4.2	1.4	6.4	0.9	1.1	0.9	0.0	2.1	0.9	1.4	0.9	0.4	0.8	0.4	4.5	2.9	2.7

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period. The denominator for the admission rate measure also excludes those who were already residing in a NF at the start of the time period.

² Severe cognitive impairment was defined by a low score on the Brief Interview for Mental Status (BIMS), poor short-term memory, or severely impaired decision-making skills.

³ Serious mental illness was defined as having an active diagnosis of schizophrenia or bipolar disorder, determined by the Minimum Data Set (MDS) 3.0.

⁴ Low level of care need was defined as users in the reduced physical function RUG group who required no assistance with late-loss ADLs (bed mobility, transfer, toilet use, eating).

Table A.2-10

Annual nursing facility utilization and characteristics at admission, Washington eligible and enrolled groups, stratified by age group

Measures of long-stay residents at admission	Demonstration period 7/1/2013–12/31/2014					
	Eligible			Enrolled		
	< 65	65–74	> 74	< 65	65–74	> 74
Number of beneficiaries eligible for admission	12,597	4,425	3,964	5,791	2,170	1,714
Annual nursing facility utilization						
Weighted number of beneficiaries	9,849	3,815	3,318	1,942	833	645
New long-stay nursing facility admissions per 1,000 eligibles ¹	23.2	42.7	68.9	10.1	15.5	27.8
Characteristics of new long-stay nursing facility residents at admission						
Weighted number of admitted beneficiaries	229	163	229	20	13	18
Functional status (RUG-IV ADL scale)	9.0	8.3	10.0	8.0	7.9	8.4
Percent with severe cognitive impairment ²	12.9	21.1	46.9	5.1	23.7	27.2
Percent with serious mental illness ³	19.3	10.5	4.6	18.2	16.4	2.2
Percent with low level of care need ⁴	0.4	0.8	0.4	2.3	0.0	3.7

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period. The denominator for the admission rate measure also excludes those who were already residing in a NF at the start of the time period.

² Severe cognitive impairment was defined by a low score on the Brief Interview for Mental Status (BIMS), poor short-term memory, or severely impaired decision-making skills.

³ Serious mental illness was defined as having an active diagnosis of schizophrenia or bipolar disorder, determined by the Minimum Data Set (MDS) 3.0.

⁴ Low level of care need was defined as users in the reduced physical function RUG group who required no assistance with late-loss ADLs (bed mobility, transfer, toilet use, eating).

Table A.2-11

Annual utilization, characteristics, and quality measures of long-stay nursing facility residents, Washington demonstration and comparison groups, stratified by age group

Measures of all long-stay residents	Baseline period 1 7/1/2011–6/30/2012						Baseline period 2 7/1/2012–6/30/2013						Demonstration period 7/1/2013–12/31/2014					
	Demonstration			Comparison			Demonstration			Comparison			Demonstration			Comparison		
	< 65	65-74	> 74	< 65	65-74	> 74	< 65	65-74	> 74	< 65	65-74	> 74	< 65	65-74	> 74	< 65	65-74	> 74
Number of beneficiaries eligible for long-stay	13,285	6,759	10,409	27,807	15,424	25,981	12,871	6,203	8,943	26,266	13,709	21,593	13,115	4,993	5,055	28,272	13,299	19,822
Annual nursing facility utilization																		
Weighted number of beneficiaries ¹	9,957	4,982	7,332	21,019	10,110	15,968	9,675	4,727	6,463	21,570	9,706	15,069	10,211	4,272	4,135	21,253	7,695	10,014
Long-stay nursing facility users as % of eligibles	6.1	14.1	30.1	8.0	23.0	50.2	6.6	16.1	31.8	10.0	29.6	54.3	6.3	15.5	26.3	10.3	30.3	50.6
Characteristics of long-stay nursing facility residents																		
Weighted number of long-stay beneficiaries	603	701	2,206	1,675	2,328	8,010	637	763	2,057	1,755	2,426	7,041	643	660	1,089	1,925	2,022	4,556
Functional status (RUG-IV ADL scale)	8.0	8.3	9.0	7.9	7.5	8.1	8.2	8.3	9.1	7.7	7.7	8.3	7.3	7.9	9.0	7.9	7.5	8.4
Percent with severe cognitive impairment ²	31.8	29.8	53.5	33.4	41.3	57.6	30.2	32.1	56.0	33.6	39.8	56.3	22.5	34.1	55.6	30.3	38.6	58.9
Percent with serious mental illness ³	22.5	23.4	6.6	24.2	18.9	5.9	19.3	21.5	6.6	25.0	18.5	6.5	19.5	17.9	7.4	25.1	19.1	6.4
Percent with low level of care need ⁴	5.7	5.3	3.8	9.1	7.1	6.0	4.9	6.0	3.7	7.8	7.4	6.0	11.0	7.6	3.6	8.7	8.1	5.6
Quality measures for long-stay nursing facility residents																		
Weighted quality measure denominator	603	701	2,206	2,076	2,328	8,009	637	763	2,057	1,755	2,425	7,041	643	660	1,089	1,925	2,022	4,556
Percentage of long-stay residents who were physically restrained	2.1	1.2	1.6	2.8	2.1	2.4	1.4	2.1	1.0	1.0	1.7	2.0	1.1	1.4	1.1	1.6	1.6	1.2
Weighted quality measure denominator	532	604	2,145	1,744	2,083	7,774	571	665	1,990	1,505	2,172	6,825	566	582	1,046	1,652	1,809	4,425
Percentage of long-stay residents who got an antipsychotic medication	28.9	29.2	29.2	41.8	38.3	30.3	27.0	30.4	27.4	34.8	34.2	28.8	25.0	28.1	23.2	32.1	31.7	25.9
Weighted quality measure denominator	444	569	1,930	1,405	1,684	6,069	480	615	1,825	1,224	1,745	5,469	455	515	965	1,382	1,470	3,659
Percentage of long-stay high-risk residents with pressure ulcers	15.5	13.5	11.7	16.3	14.4	12.1	13.8	13.3	11.7	17.1	12.6	9.5	16.0	13.5	12.5	20.8	15.7	11.4
Percentage of long-stay residents who self-report moderate to severe pain ⁵	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Percentage of long-stay residents experiencing one or more falls with major injury ⁵	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

— Not included in this year's annual report, but planned for future analyses.

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period.

² Severe cognitive impairment was defined by a low score on the Brief Interview for Mental Status (BIMS), poor short-term memory, or severely impaired decision-making skills.

³ Serious mental illness was defined as having an active diagnosis of schizophrenia or bipolar disorder, determined by the Minimum Data Set (MDS) 3.0.

⁴ Low level of care need was defined as users in the reduced physical function RUG group who required no assistance with late-loss ADLs (bed mobility, transfer, toilet use, eating).

Table A.2-12
Annual utilization, characteristics, and quality measures of long-stay nursing facility residents, Washington eligible and enrolled groups, stratified by age group

Measures of all long-stay residents	Demonstration period 7/1/2013–12/31/2014					
	Eligible			Enrolled		
	< 65	65-74	> 74	< 65	65-74	> 74
Number of beneficiaries eligible for long-stay	13,115	4,993	5,055	6,294	2,599	2,332
Annual nursing facility utilization						
Weighted number of beneficiaries ¹	10,211	4,272	4,135	2,083	973	837
Long-stay nursing facility users as % of eligibles	6.3	15.5	26.3	2.4	3.9	6.0
Characteristics of long-stay nursing facility residents						
Weighted number of long-stay beneficiaries	643	660	1,089	51	38	50
Functional status (RUG-IV ADL scale)	7.3	7.9	9.0	6.5	7.5	8.7
Percent with severe cognitive impairment ²	22.5	34.1	55.6	20.4	23.3	52.1
Percent with serious mental illness ³	19.5	17.9	7.4	21.2	12.2	9.8
Percent with low level of care need ⁴	11.0	7.6	3.6	9.4	4.1	2.3
Quality measures for long-stay nursing facility residents						
Weighted quality measure denominator	643	660	1,089	51	38	50
Percentage of long-stay residents who were physically restrained	1.1	1.4	1.1	0.0	0.0	0.0
Weighted quality measure denominator	566	582	1,046	44	35	48
Percentage of long-stay residents who got an antipsychotic medication	25.0	28.1	23.2	30.1	20.4	21.5
Weighted quality measure denominator	455	515	965	32	28	42
Percentage of long-stay high-risk residents with pressure ulcers	16.0	13.5	12.5	13.5	17.3	13.1
Percentage of long-stay residents who self-report moderate to severe pain ⁵	—	—	—	—	—	—
Percentage of long-stay residents experiencing one or more falls with major injury ⁵	—	—	—	—	—	—

— Not included in this year’s annual report, but planned for future analyses.

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period.

² Severe cognitive impairment was defined by a low score on the Brief Interview for Mental Status (BIMS), poor short-term memory, or severely impaired decision-making skills.

³ Serious mental illness was defined as having an active diagnosis of schizophrenia or bipolar disorder, determined by the Minimum Data Set (MDS) 3.0.

⁴ Low level of care need was defined as users in the reduced physical function RUG group who required no assistance with late-loss ADLs (bed mobility, transfer, toilet use, eating).

Table A.2-13
Annual nursing facility utilization, Washington demonstration and comparison groups, stratified by rural status

Measures of long-stay residents	Baseline period 1 7/1/2011–6/30/2012				Baseline period 2 7/1/2012–6/30/2013				Demonstration period 7/1/2013–12/31/2014			
	Demonstration		Comparison		Demonstration		Comparison		Demonstration		Comparison	
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural
Annual nursing facility utilization												
Number of beneficiaries eligible for admission	25,523	236	46,381	4,444	23,358	227	40,713	3,703	20,824	165	40,068	3,709
Weighted number of beneficiaries ¹	18,804	167	34,022	872	17,496	162	30,843	756	16,842	142	26,649	591
New long-stay nursing facility admissions per 1,000 eligibles	24.7	16.9	24.1	29.4	27.0	20.1	26.2	32.2	36.1	78.6	33.0	37.0
Number of beneficiaries eligible for long-stay	30,145	309	63,125	6,087	27,747	271	56,264	5,305	22,980	186	56,042	5,352
Weighted number of beneficiaries ¹	22,056	215	45,895	1,202	20,673	193	41,668	1,103	18,461	160	35,336	936
Long-stay nursing facility users as % of eligibles	15.7	21.1	25.5	27.1	16.5	18.5	26.1	30.5	12.8	16.5	23.4	28.4

¹ Eligibles refers to beneficiaries who were demonstration-eligible for the corresponding time period. The denominator for the admission rate measure also excludes those who were already residing in a NF at the start of the time period.