

Appendix O

Estimated Impact of Hospital Outpatient
Access on Therapy Caps:

Annual Expenditure Benchmarks by
Therapy Type in CY 2002

(Excludes Hospital Outpatient Expenditures)

Key to Appendix O:

The tables in Appendix O describe Part B therapy utilization of individual beneficiaries by presenting the average expenditures of each percentile (represented by rows) that would have been applicable to the financial limitations had they been enforced in CY 2002.

Unlike the table presented in Appendix D, the results in these tables do not include outpatient hospital therapy expenditures since those services were exempted from the financial limitations¹, and therefore more accurately reflect expenditure percentiles that could be used in financial limitation policy considerations. In particular, these tables (using CY 2002 claims data) can be used to provide quick estimates of the potential impact of various cap thresholds (e.g. What dollar threshold would be needed to impact no more than 5 percent of beneficiaries receiving therapy services?)

Appendix O-Table 1 describes the benchmark averages for all beneficiaries receiving outpatient therapy regardless of setting. However, hospital paid dollars were excluded from the average per the financial limitation hospital exemption policy.

Appendix O-Table 2 describes the benchmark averages for all beneficiaries receiving at least one outpatient therapy treatment from an outpatient hospital provider during CY 2002. These results correlate with the "Hospital accessed" rows on the tables in Appendices L-N. Beneficiaries in this group could also have received outpatient therapy from non-hospital providers; however, hospital paid dollars were excluded from the average per the financial limitation hospital exemption policy. This table most likely represents those individuals that would benefit from the financial limitation hospital exception policy.

Appendix O-Table 3 describes the benchmark averages for all beneficiaries that received outpatient therapy services during CY 2002 but could not, or chose not to receive any services from a hospital outpatient provider. These results correlate with the "Hospital not accessed" rows on the tables in Appendices L-N. Since none of the therapy furnished to these individuals was from a hospital provider, all incurred expenses were debited against the applicable cap estimate.

¹ This debiting process is consistent with Common Working File (CWF) financial limitation tracking procedures described in the Medicare Claims Processing Manual (Pub. 104), Ch. 5, Section 10.2 *The Financial Limitation*.

This table most likely represents those individuals that are either not able to, or choose not to benefit from the financial limitation hospital exception policy. For example, individuals residing in a certified portion of a SNF are not able to access hospital outpatient therapy services due to consolidated billing requirements.

The tan shaded cells represent the estimated therapy user percentile groups surpassing the financial limitation threshold amounts for CY 2002, had they been enforced.

Appendix O-Table 1 Estimated Impact of Hospital Outpatient Access on Therapy Caps: Annual Expenditure Benchmarks by Therapy Type in CY 2002 – All Beneficiaries

Percentile	PT/OT/SLP Combined		PT/SLP Combined		PT Alone		OT Alone		SLP Alone	
	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
Total Users	3,747,396		3,503,136		3,296,407		745,241		367,783	
99th	\$7,935	\$6,324	\$6,121	\$4,875	\$5,757	\$4,584	\$6,238	\$4,981	\$5,368	\$4,288
98th	\$5,879	\$4,684	\$4,666	\$3,718	\$4,421	\$3,522	\$4,935	\$3,943	\$4,051	\$3,238
97th	\$4,815	\$3,838	\$3,906	\$3,113	\$3,720	\$2,963	\$4,206	\$3,361	\$3,362	\$2,685
96th	\$4,118	\$3,282	\$3,402	\$2,712	\$3,253	\$2,592	\$3,711	\$2,965	\$2,908	\$2,324
95th	\$3,619	\$2,884	\$3,034	\$2,417	\$2,911	\$2,319	\$3,343	\$2,670	\$2,586	\$2,066
94th	\$3,236	\$2,579	\$2,747	\$2,189	\$2,642	\$2,105	\$3,057	\$2,441	\$2,327	\$1,859
93rd	\$2,930	\$2,334	\$2,516	\$2,005	\$2,426	\$1,932	\$2,818	\$2,250	\$2,118	\$1,691
92nd	\$2,678	\$2,134	\$2,323	\$1,851	\$2,246	\$1,788	\$2,621	\$2,093	\$1,947	\$1,555
91st	\$2,469	\$1,967	\$2,158	\$1,719	\$2,091	\$1,665	\$2,447	\$1,955	\$1,799	\$1,436
90th	\$2,288	\$1,822	\$2,015	\$1,605	\$1,956	\$1,558	\$2,295	\$1,833	\$1,674	\$1,336
89th	\$2,130	\$1,696	\$1,890	\$1,505	\$1,838	\$1,463	\$2,158	\$1,723	\$1,573	\$1,255
88th	\$1,992	\$1,586	\$1,778	\$1,416	\$1,731	\$1,378	\$2,035	\$1,624	\$1,482	\$1,181
87th	\$1,869	\$1,487	\$1,676	\$1,335	\$1,634	\$1,301	\$1,926	\$1,536	\$1,396	\$1,113
86th	\$1,759	\$1,400	\$1,584	\$1,261	\$1,546	\$1,230	\$1,827	\$1,458	\$1,314	\$1,047
85th	\$1,658	\$1,319	\$1,500	\$1,194	\$1,466	\$1,166	\$1,734	\$1,384	\$1,243	\$990
84th	\$1,566	\$1,246	\$1,423	\$1,132	\$1,392	\$1,107	\$1,649	\$1,316	\$1,179	\$939
83rd	\$1,483	\$1,179	\$1,352	\$1,075	\$1,323	\$1,053	\$1,569	\$1,252	\$1,119	\$892
82nd	\$1,405	\$1,117	\$1,286	\$1,023	\$1,261	\$1,003	\$1,495	\$1,193	\$1,064	\$848
81st	\$1,334	\$1,060	\$1,225	\$974	\$1,202	\$956	\$1,426	\$1,137	\$1,012	\$805
80th	\$1,268	\$1,008	\$1,168	\$928	\$1,147	\$912	\$1,360	\$1,084	\$966	\$768
79th	\$1,206	\$958	\$1,114	\$885	\$1,095	\$871	\$1,299	\$1,035	\$919	\$734
78th	\$1,148	\$912	\$1,064	\$845	\$1,047	\$832	\$1,241	\$989	\$879	\$698
77th	\$1,094	\$869	\$1,017	\$808	\$1,002	\$796	\$1,186	\$945	\$844	\$670
76th	\$1,043	\$828	\$973	\$773	\$959	\$762	\$1,135	\$905	\$801	\$638
75th	\$996	\$790	\$930	\$739	\$919	\$730	\$1,087	\$866	\$771	\$611
74th	\$951	\$754	\$890	\$707	\$879	\$698	\$1,040	\$828	\$733	\$581
73rd	\$908	\$721	\$852	\$676	\$842	\$668	\$995	\$792	\$700	\$557
72nd	\$867	\$679	\$815	\$647	\$806	\$640	\$952	\$758	\$668	\$530
71st	\$828	\$656	\$780	\$618	\$772	\$612	\$911	\$725	\$637	\$506
70th	\$790	\$627	\$746	\$592	\$739	\$586	\$872	\$693	\$610	\$483
69th	\$755	\$599	\$714	\$566	\$708	\$562	\$835	\$664	\$582	\$461
68th	\$721	\$571	\$683	\$541	\$678	\$537	\$799	\$635	\$558	\$444

Appendix O – Estimated Impact of Hospital Access on Caps Benchmark Tables

Utilization Analysis – High Expenditures Use of Therapy Services CY 2002 Beneficiary Characteristics

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Appendix O-Table 1 Estimated Impact of Hospital Outpatient Access on Therapy Caps: Annual Expenditure Benchmarks by Therapy Type in CY 2002 – All Beneficiaries

Percentile	PT/OT/SLP Combined		PT/SLP Combined		PT Alone		OT Alone		SLP Alone	
	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
67 th	\$689	\$546	\$653	\$518	\$649	\$514	\$763	\$607	\$536	\$423
66th	\$657	\$521	\$625	\$495	\$621	\$492	\$730	\$581	\$509	\$401
65th	\$628	\$497	\$597	\$473	\$594	\$471	\$699	\$555	\$487	\$386
64th	\$599	\$474	\$571	\$452	\$568	\$450	\$668	\$530	\$468	\$369
63rd	\$571	\$452	\$545	\$431	\$543	\$430	\$638	\$507	\$445	\$351
62nd	\$544	\$430	\$520	\$411	\$518	\$410	\$609	\$483	\$418	\$331
61st	\$518	\$410	\$496	\$392	\$495	\$391	\$580	\$460	\$403	\$318
60th	\$493	\$389	\$473	\$373	\$471	\$372	\$553	\$438	\$381	\$300
59th	\$469	\$370	\$450	\$355	\$449	\$354	\$526	\$417	\$358	\$280
58th	\$445	\$351	\$427	\$336	\$426	\$337	\$500	\$396	\$339	\$269
57th	\$421	\$332	\$405	\$319	\$405	\$319	\$476	\$377	\$322	\$254
56th	\$399	\$314	\$384	\$302	\$384	\$302	\$451	\$357	\$303	\$238
55th	\$377	\$297	\$362	\$285	\$363	\$286	\$427	\$338	\$282	\$220
54th	\$355	\$279	\$341	\$268	\$342	\$269	\$405	\$320	\$266	\$209
53rd	\$333	\$262	\$321	\$252	\$321	\$253	\$382	\$302	\$249	\$196
52nd	\$312	\$245	\$300	\$236	\$301	\$237	\$360	\$284	\$235	\$183
51st	\$292	\$229	\$280	\$220	\$282	\$221	\$339	\$267	\$218	\$170
50th	\$271	\$213	\$261	\$205	\$262	\$206	\$318	\$251	\$198	\$157
49th	\$252	\$197	\$242	\$189	\$243	\$191	\$298	\$235	\$188	\$148
48th	\$232	\$181	\$223	\$174	\$225	\$176	\$278	\$219	\$175	\$137
47th	\$213	\$166	\$204	\$160	\$207	\$161	\$259	\$203	\$160	\$124
46th	\$194	\$151	\$187	\$146	\$188	\$147	\$239	\$188	\$149	\$118
45th	\$177	\$137	\$169	\$131	\$171	\$133	\$220	\$173	\$140	\$110
44th	\$159	\$124	\$152	\$118	\$154	\$120	\$202	\$158	\$132	\$104
43rd	\$142	\$111	\$137	\$107	\$138	\$107	\$184	\$145	\$124	\$98
42nd	\$127	\$99	\$123	\$96	\$123	\$95	\$167	\$131	\$123	\$98
41st	\$115	\$90	\$112	\$87	\$110	\$85	\$151	\$118	\$121	\$96
40th	\$101	\$78	\$97	\$75	\$96	\$74	\$136	\$106	\$117	\$93
39th	\$88	\$69	\$86	\$67	\$85	\$65	\$121	\$95	\$112	\$84
38th	\$74	\$57	\$72	\$56	\$72	\$56	\$106	\$82	\$93	\$72
37th	\$65	\$51	\$64	\$50	\$64	\$51	\$92	\$72	\$85	\$62
36th	\$53	\$40	\$52	\$39	\$53	\$41	\$80	\$62	\$60	\$35
35th	\$31	\$24	\$32	\$24	\$35	\$26	\$70	\$55	\$0	\$0
34th	\$21	\$16	\$22	\$17	\$25	\$19	\$68	\$53	\$0	\$0

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Percentile	PT/OT/SLP Combined		PT/SLP Combined		PT Alone		OT Alone		SLP Alone	
	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
33 rd	\$5	\$4	\$10	\$8	\$12	\$9	\$63	\$46	\$0	\$0
32nd	\$0	\$0	\$0	\$0	\$0	\$0	\$31	\$23	\$0	\$0
31st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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Appendix O-Table 2 Estimated Impact of Hospital Outpatient Access on Therapy Caps: Annual Expenditure Benchmarks by Therapy Type in CY 2002 – Hospital Accessed

Percentile	PT/OT/SLP Combined		PT/SLP Combined		PT Alone		OT Alone		SLP Alone	
	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
Hospital Accessed	1,420,109		1,315,298		1,208,428		245,404		147,631	
99th	\$3,891	\$3,016	\$3,159	\$2,521	\$2,617	\$2,088	\$1,821	\$1,456	\$3,379	\$2,702
98th	\$2,418	\$1,929	\$2,067	\$1,648	\$1,738	\$1,387	\$888	\$709	\$2,223	\$1,777
97th	\$1,738	\$1,386	\$1,520	\$1,212	\$1,271	\$1,014	\$406	\$323	\$1,603	\$1,281
96th	\$1,310	\$1,045	\$1,159	\$924	\$959	\$764	\$101	\$80	\$1,233	\$984
95th	\$1,010	\$804	\$905	\$721	\$734	\$585	\$0	\$0	\$960	\$765
94th	\$785	\$626	\$706	\$562	\$561	\$447	\$0	\$0	\$746	\$595
93rd	\$609	\$485	\$548	\$436	\$417	\$331	\$0	\$0	\$566	\$451
92nd	\$463	\$368	\$413	\$328	\$290	\$230	\$0	\$0	\$417	\$333
91st	\$337	\$267	\$293	\$232	\$179	\$141	\$0	\$0	\$287	\$228
90th	\$227	\$179	\$188	\$149	\$94	\$74	\$0	\$0	\$165	\$131
89th	\$135	\$107	\$109	\$85	\$32	\$25	\$0	\$0	\$105	\$82
88th	\$73	\$57	\$51	\$40	\$0	\$0	\$0	\$0	\$0	\$0
87th	\$15	\$12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
86th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
85th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
84th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
82nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
81st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
80th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
79th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
78th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
77th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
76th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
75th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
74th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
73rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
72nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
69th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
68th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
67 th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
66th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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Percentile	PT/OT/SLP Combined		PT/SLP Combined		PT Alone		OT Alone		SLP Alone	
	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
65th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
64th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
59th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
58th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
57th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
56th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
54th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
52nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
51st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
49th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
47th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
46th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33 rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
29th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4th	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3rd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2nd	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1st	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Appendix O – Estimated Impact of Hospital Access on Caps Benchmark Tables

Utilization Analysis – High Expenditures Use of Therapy Services CY 2002 Beneficiary Characteristics

Outpatient Rehabilitation Services Payment System Evaluation Contract

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Appendix O-Table 3 Estimated Impact of Hospital Outpatient Access on Therapy Caps: Annual Expenditure Benchmarks by Therapy Type in CY 2002 – Hospital Not Accessed

Percentile	PT/OT/SLP Combined		PT/SLP Combined		PT Alone		OT Alone		SLP Alone	
	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
Hospital Not Accessed	2,327,287		2,187,838		2,087,979		499,837		220,152	
99th	\$9,207	\$7,333	\$6,996	\$5,565	\$6,597	\$5,249	\$6,977	\$5,570	\$6,130	\$4,892
98th	\$6,973	\$5,557	\$5,454	\$4,342	\$5,174	\$4,120	\$5,630	\$4,496	\$4,699	\$3,756
97th	\$5,819	\$4,637	\$4,623	\$3,682	\$4,411	\$3,512	\$4,882	\$3,889	\$3,976	\$3,175
96th	\$5,055	\$4,029	\$4,083	\$3,254	\$3,905	\$3,111	\$4,362	\$3,484	\$3,494	\$2,791
95th	\$4,501	\$3,588	\$3,683	\$2,934	\$3,532	\$2,813	\$3,970	\$3,132	\$3,135	\$2,506
94th	\$4,074	\$3,247	\$3,369	\$2,685	\$3,238	\$2,579	\$3,658	\$2,921	\$2,864	\$2,289
93rd	\$3,728	\$2,970	\$3,114	\$2,481	\$2,999	\$2,389	\$3,402	\$2,718	\$2,641	\$2,110
92nd	\$3,444	\$2,744	\$2,902	\$2,312	\$2,799	\$2,229	\$3,192	\$2,550	\$2,455	\$1,962
91st	\$3,201	\$2,550	\$2,720	\$2,167	\$2,627	\$2,092	\$3,009	\$2,403	\$2,294	\$1,833
90th	\$2,993	\$2,384	\$2,561	\$2,040	\$2,479	\$1,974	\$2,847	\$2,274	\$2,152	\$1,719
89th	\$2,810	\$2,239	\$2,424	\$1,930	\$2,347	\$1,869	\$2,703	\$2,159	\$2,032	\$1,623
88th	\$2,650	\$2,112	\$2,300	\$1,832	\$2,230	\$1,776	\$2,576	\$2,057	\$1,925	\$1,536
87th	\$2,509	\$1,998	\$2,188	\$1,742	\$2,124	\$1,692	\$2,458	\$1,963	\$1,827	\$1,457
86th	\$2,381	\$1,896	\$2,087	\$1,662	\$2,029	\$1,616	\$2,352	\$1,878	\$1,738	\$1,389
85th	\$2,265	\$1,803	\$1,994	\$1,588	\$1,941	\$1,545	\$2,252	\$1,798	\$1,663	\$1,326
84th	\$2,157	\$1,718	\$1,910	\$1,520	\$1,860	\$1,481	\$2,159	\$1,724	\$1,593	\$1,272
83rd	\$2,061	\$1,641	\$1,832	\$1,458	\$1,786	\$1,421	\$2,073	\$1,655	\$1,530	\$1,220
82nd	\$1,971	\$1,569	\$1,759	\$1,400	\$1,716	\$1,366	\$1,994	\$1,591	\$1,472	\$1,173
81st	\$1,111	\$1,503	\$1,691	\$1,346	\$1,650	\$1,313	\$1,920	\$1,532	\$1,418	\$1,129
80th	\$1,812	\$1,442	\$1,627	\$1,295	\$1,589	\$1,264	\$1,852	\$1,478	\$1,360	\$1,084
79th	\$1,740	\$1,385	\$1,567	\$1,247	\$1,531	\$1,218	\$1,787	\$1,426	\$1,308	\$1,042
78th	\$1,673	\$1,331	\$1,511	\$1,202	\$1,477	\$1,175	\$1,724	\$1,376	\$1,262	\$1,005
77th	\$1,609	\$1,280	\$1,457	\$1,159	\$1,426	\$1,134	\$1,665	\$1,329	\$1,216	\$969
76th	\$1,549	\$1,232	\$1,407	\$1,119	\$1,378	\$1,096	\$1,610	\$1,285	\$1,176	\$936
75th	\$1,493	\$1,187	\$1,359	\$1,081	\$1,332	\$1,059	\$1,556	\$1,241	\$1,137	\$907
74th	\$1,441	\$1,145	\$1,314	\$1,045	\$1,288	\$1,024	\$1,506	\$1,201	\$1,099	\$876
73rd	\$1,390	\$1,105	\$1,271	\$1,011	\$1,247	\$992	\$1,458	\$1,162	\$1,064	\$848
72nd	\$1,343	\$1,067	\$1,230	\$978	\$1,208	\$961	\$1,411	\$1,124	\$1,029	\$820
71st	\$1,297	\$1,031	\$1,192	\$947	\$1,170	\$931	\$1,366	\$1,089	\$999	\$795
70th	\$1,255	\$997	\$1,154	\$918	\$1,134	\$902	\$1,322	\$1,054	\$967	\$770
69th	\$1,213	\$964	\$1,118	\$889	\$1,099	\$874	\$1,282	\$1,022	\$936	\$745
68th	\$1,174	\$932	\$1,084	\$861	\$1,067	\$848	\$1,243	\$990	\$912	\$725
67 th	\$1,136	\$902	\$1,052	\$836	\$1,035	\$822	\$1,205	\$960	\$882	\$701
66th	\$1,100	\$874	\$1,020	\$810	\$1,005	\$798	\$1,169	\$932	\$857	\$683

Appendix O – Estimated Impact of Hospital Access on Caps Benchmark Tables

Utilization Analysis – High Expenditures Use of Therapy Services CY 2002 Beneficiary Characteristics

Outpatient Rehabilitation Services Payment System Evaluation Contract

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Appendix O-Table 3 Estimated Impact of Hospital Outpatient Access on Therapy Caps: Annual Expenditure Benchmarks by Therapy Type in CY 2002 – Hospital Not Accessed

Percentile	PT/OT/SLP Combined		PT/SLP Combined		PT Alone		OT Alone		SLP Alone	
	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
65th	\$1,066	\$846	\$990	\$787	\$976	\$775	\$1,134	\$904	\$836	\$664
64th	\$1,032	\$819	\$961	\$763	\$947	\$752	\$1,101	\$877	\$808	\$641
63rd	\$1,001	\$794	\$933	\$741	\$920	\$731	\$1,069	\$851	\$784	\$625
62nd	\$970	\$770	\$906	\$719	\$894	\$710	\$1,036	\$826	\$766	\$608
61st	\$941	\$746	\$879	\$698	\$868	\$689	\$1,006	\$801	\$743	\$589
60th	\$913	\$724	\$854	\$677	\$843	\$669	\$976	\$777	\$718	\$570
59th	\$885	\$702	\$829	\$658	\$818	\$649	\$947	\$754	\$700	\$555
58th	\$858	\$680	\$805	\$638	\$795	\$631	\$919	\$731	\$678	\$538
57th	\$832	\$660	\$781	\$619	\$772	\$612	\$892	\$709	\$659	\$522
56th	\$807	\$639	\$759	\$601	\$750	\$595	\$865	\$688	\$637	\$507
55th	\$782	\$620	\$737	\$584	\$728	\$577	\$840	\$668	\$623	\$492
54th	\$759	\$601	\$715	\$567	\$707	\$561	\$815	\$648	\$603	\$478
53rd	\$736	\$583	\$694	\$550	\$687	\$544	\$791	\$629	\$585	\$463
52nd	\$714	\$565	\$674	\$534	\$667	\$529	\$767	\$609	\$568	\$450
51st	\$692	\$548	\$654	\$518	\$648	\$513	\$743	\$591	\$556	\$441
50th	\$671	\$531	\$635	\$503	\$629	\$498	\$721	\$573	\$540	\$426
49th	\$651	\$515	\$616	\$488	\$610	\$484	\$700	\$556	\$524	\$413
48th	\$631	\$499	\$598	\$474	\$593	\$469	\$678	\$539	\$506	\$398
47th	\$611	\$484	\$580	\$459	\$575	\$455	\$657	\$522	\$490	\$390
46th	\$593	\$469	\$563	\$445	\$558	\$441	\$637	\$506	\$483	\$382
45th	\$574	\$454	\$546	\$432	\$541	\$428	\$617	\$490	\$468	\$369
44th	\$556	\$440	\$529	\$418	\$524	\$415	\$597	\$474	\$455	\$357
43rd	\$539	\$425	\$512	\$405	\$508	\$402	\$578	\$459	\$439	\$343
42nd	\$521	\$411	\$496	\$392	\$492	\$389	\$559	\$443	\$420	\$333
41st	\$504	\$398	\$481	\$380	\$476	\$376	\$541	\$429	\$411	\$325
40th	\$488	\$385	\$465	\$367	\$461	\$364	\$523	\$414	\$399	\$313
39th	\$472	\$372	\$450	\$355	\$446	\$352	\$505	\$400	\$385	\$303
38th	\$456	\$359	\$434	\$342	\$431	\$340	\$488	\$386	\$370	\$291
37th	\$440	\$346	\$419	\$331	\$416	\$328	\$471	\$373	\$355	\$278
36th	\$424	\$334	\$405	\$319	\$401	\$317	\$454	\$360	\$343	\$271
35th	\$409	\$322	\$390	\$308	\$387	\$305	\$438	\$346	\$334	\$262
34th	\$394	\$310	\$376	\$296	\$373	\$294	\$422	\$334	\$322	\$254
33 rd	\$379	\$298	\$362	\$285	\$359	\$283	\$407	\$321	\$311	\$243
32nd	\$365	\$287	\$348	\$274	\$345	\$272	\$391	\$309	\$298	\$233
31st	\$350	\$275	\$334	\$263	\$331	\$261	\$376	\$297	\$284	\$221
30th	\$336	\$264	\$321	\$252	\$318	\$250	\$361	\$285	\$270	\$214

Appendix O – Estimated Impact of Hospital Access on Caps Benchmark Tables

Utilization Analysis – High Expenditures Use of Therapy Services CY 2002 Beneficiary Characteristics

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Appendix O-Table 3 Estimated Impact of Hospital Outpatient Access on Therapy Caps: Annual Expenditure Benchmarks by Therapy Type in CY 2002 – Hospital Not Accessed

Percentile	PT/OT/SLP Combined		PT/SLP Combined		PT Alone		OT Alone		SLP Alone	
	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid	Allowed	Paid
29th	\$322	\$252	\$307	\$241	\$304	\$239	\$346	\$273	\$264	\$206
28th	\$308	\$241	\$293	\$230	\$291	\$228	\$332	\$262	\$253	\$197
27th	\$294	\$230	\$280	\$219	\$278	\$218	\$317	\$250	\$243	\$190
26th	\$280	\$219	\$267	\$209	\$264	\$208	\$303	\$239	\$233	\$182
25th	\$267	\$209	\$254	\$199	\$252	\$197	\$290	\$228	\$221	\$174
24th	\$254	\$198	\$241	\$189	\$239	\$187	\$276	\$217	\$212	\$164
23rd	\$240	\$188	\$229	\$179	\$226	\$177	\$263	\$207	\$198	\$157
22nd	\$228	\$178	\$216	\$169	\$214	\$168	\$250	\$196	\$194	\$151
21st	\$215	\$168	\$204	\$159	\$202	\$158	\$237	\$186	\$188	\$146
20th	\$202	\$158	\$192	\$150	\$189	\$148	\$224	\$176	\$178	\$137
19th	\$190	\$148	\$180	\$140	\$178	\$138	\$211	\$166	\$167	\$130
18th	\$178	\$138	\$168	\$131	\$166	\$129	\$199	\$156	\$157	\$122
17th	\$166	\$129	\$157	\$122	\$155	\$120	\$187	\$147	\$150	\$119
16th	\$155	\$120	\$146	\$113	\$143	\$111	\$175	\$137	\$146	\$115
15th	\$143	\$112	\$136	\$106	\$133	\$103	\$164	\$128	\$140	\$110
14th	\$134	\$104	\$126	\$98	\$123	\$95	\$153	\$119	\$136	\$108
13th	\$124	\$97	\$119	\$93	\$114	\$89	\$143	\$112	\$130	\$100
12th	\$116	\$90	\$111	\$86	\$105	\$81	\$132	\$103	\$124	\$98
11th	\$108	\$82	\$101	\$78	\$95	\$73	\$122	\$95	\$123	\$98
10th	\$97	\$75	\$91	\$71	\$88	\$68	\$113	\$87	\$123	\$97
9th	\$89	\$69	\$85	\$65	\$79	\$61	\$100	\$77	\$121	\$96
8th	\$79	\$61	\$75	\$58	\$71	\$55	\$92	\$72	\$120	\$94
7th	\$70	\$55	\$67	\$52	\$65	\$52	\$82	\$65	\$117	\$93
6th	\$65	\$51	\$63	\$49	\$62	\$48	\$74	\$58	\$115	\$89
5th	\$59	\$43	\$54	\$41	\$52	\$40	\$68	\$55	\$107	\$80
4th	\$47	\$34	\$43	\$30	\$39	\$28	\$68	\$54	\$96	\$73
3rd	\$31	\$23	\$29	\$22	\$28	\$21	\$66	\$52	\$90	\$69
2nd	\$24	\$19	\$24	\$18	\$23	\$17	\$58	\$44	\$82	\$59
1st	\$15	\$11	\$14	\$11	\$13	\$10	\$39	\$26	\$69	\$44

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