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# Appendix B

## Total Part B Therapy Users CY 2002: Gender and Therapy Type Tables

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Users CY 2002: Gender and Therapy  
Type Tables¶  
Utilization Analysis: High Expenditure  
Users of Outpatient Therapy Services CY  
2002: Beneficiary Characteristics ¶  
Outpatient Rehabilitation Services  
Payment System Evaluation Contract ¶  
Task Order # 500-99-  
0009/0009 Deliverable # 7 Analysis of  
Costliest Top 5% Report-Final July 29,  
2004*

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## Key to Appendix B:

**Gender Group** column = gender of therapy user.

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encounter

**Therapy User (N)** columns = Unique individuals who received the type of therapy (or combination of therapies) described in the column.

Therapy types:

**All Therapy Users** = Individuals that received PT, and/or OT, and/or SLP services.

**PT Users** = Individuals that received PT services.

**OT Users** = Individuals that received OT services.

**SLP Users** = Individuals that received SLP services.

**PT/SLP Users** = Individuals that received PT and/or SLP services.

**Gender Distribution (%)** columns = Proportion of all therapy users that an individual gender group represents.

**Expenditure Percentile** columns = Volume (N) or Distribution (%) of therapy users in an individual gender group that describe their relative annual therapy expenditures.

Expenditure Groups:

**< 10<sup>th</sup> Expenditure Percentile** = Ten percent of therapy users generating the lowest annual therapy expenditures.

**10-25<sup>th</sup> Expenditure Percentile** = The fifteen percent of therapy users in the first quartile with annual therapy expenditures greater than the <10<sup>th</sup> Expenditure percentile group.

**25-50<sup>th</sup> Expenditure Percentile** = The twenty-five percent of therapy users in the second quartile of annual therapy expenditures, representing below median expenditures.

**50-75<sup>th</sup> Expenditure Percentile** = Twenty-five percent of therapy users in the third quartile of annual therapy expenditures, representing above median expenditures.

**75-90<sup>th</sup> Expenditure Percentile** = Fifteen percent of therapy users in the fourth quartile of annual therapy expenditures, representing expenditures above the third quartile.

**90-95<sup>th</sup>, 95-99<sup>th</sup>, and above 99<sup>th</sup> Expenditure Percentile** = Ten percent of therapy users in the fourth quartile of annual therapy expenditures, representing utilization far above the median.

**Green colored cells** = Column and row labels and totals.

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**Appendix B-Table 1 Summary of Therapy Users by Therapy Type – Total Users and Distribution by Gender Group**

Gender Group	All Therapy Users (N)	PT Users (N)*	OT Users (N)*	SLP Users (N)*	PT/SLP Users (N)*	Gender Distribution All Therapy Users	Gender Distribution PT Users	Gender Distribution OT Users	Gender Distribution SLP Users	Gender Distribution PT/SLP Users
Total	3,747,395	3,296,407	745,240	367,783	3,503,136	100.0%	100.0%	100.0%	100.0%	100.0%
Female	2,484,260	2,183,319	510,081	231,647	2,314,385	66.3%	66.2%	68.4%	63.0%	66.1%
Male	1,263,130	1,113,084	235,156	136,135	1,188,747	33.7%	33.8%	31.6%	37.0%	33.9%

\*PT, OT, SLP and PT/SLP column numbers are not mutually exclusive; therefore the sum of these groups is greater than "All Therapy Users."

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Appendix B – Part B Therapy Users CY 2002: Gender and Therapy Type Tables

Utilization Analysis: High Expenditure Users of Outpatient Therapy Services CY 2002: Beneficiary Characteristics

Outpatient Rehabilitation Services Payment System Evaluation Contract

Task Order # 500-99-0009/0009

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**Appendix B- Table 2.0 Total Therapy Users by Gender Group and Annual Expenditure Percentile: All Therapy Types**

Gender Group	All Therapy Users (N)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	3,747,395	376,840	557,471	938,947	937,080	562,162	187,459	149,959	37,477
Female	2,484,260	241,915	360,361	626,460	629,446	377,179	125,473	99,255	24,171
Male	1,263,130	134,924	197,109	312,487	307,634	184,982	61,986	50,702	13,306

**Appendix B- Table 2.1 Distribution of Therapy Users by Gender Group and Annual Expenditure Percentile: All Therapy Types**

Gender Group	All Therapy Users (%)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	100.0%	10.1%	14.9%	25.1%	25.0%	15.0%	5.0%	4.0%	1.0%
Female	100.0%	9.7%	14.5%	25.2%	25.3%	15.2%	5.1%	4.0%	1.0%
Male	100.0%	10.7%	15.6%	24.7%	24.4%	14.6%	4.9%	4.0%	1.1%

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Appendix B – Part B Therapy Users CY 2002: Gender and Therapy Type Tables

Utilization Analysis: High Expenditure Users of Outpatient Therapy Services CY 2002: Beneficiary Characteristics

Outpatient Rehabilitation Services Payment System Evaluation Contract

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**Appendix B- Table 3 Total Therapy Users by Gender Group and Annual Expenditure Percentile: Physical Therapy**

Gender Group	PT Users (N)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	3,296,407	327,238	496,534	823,284	824,691	494,843	164,894	131,953	32,970
Female	2,183,319	210,215	323,777	549,140	552,481	330,486	109,116	87,102	21,002
Male	1,113,084	117,022	172,756	274,144	272,210	164,356	55,778	44,850	11,968

**Appendix B- Table 3.1 Distribution of Therapy Users by Gender Group and Annual Expenditure Percentile: Physical Therapy**

Gender Group	PT Users (%)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	100.0%	9.9%	15.1%	25.0%	25.0%	15.0%	5.0%	4.0%	1.0%
Female	100.0%	9.6%	14.8%	25.2%	25.3%	15.1%	5.0%	4.0%	1.0%
Male	100.0%	10.5%	15.5%	24.6%	24.5%	14.8%	5.0%	4.0%	1.1%

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**Appendix B- Table 4 Total Therapy Users by Gender Group and Annual Expenditure Percentile: Occupational Therapy.**

Gender Group	OT Users (N)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	745,240	72,482	113,552	209,369	163,482	111,798	37,275	29,829	7,453
Female	510,081	46,911	75,587	144,389	114,485	77,724	25,558	20,431	4,996
Male	235,156	25,571	37,965	64,980	48,996	34,073	11,717	9,397	2,457

**Appendix B- Table 4.1 Distribution of Therapy Users by Gender Group and Annual Expenditure Percentile: Occupational Therapy**

Gender Group	OT Users (%)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	100.0%	9.7%	15.2%	28.1%	21.9%	15.0%	5.0%	4.0%	1.0%
Female	100.0%	9.2%	14.8%	28.3%	22.4%	15.2%	5.0%	4.0%	1.0%
Male	100.0%	10.9%	16.1%	27.6%	20.8%	14.5%	5.0%	4.0%	1.0%

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Appendix B – Part B Therapy Users CY 2002: Gender and Therapy Type Tables

Utilization Analysis: High Expenditure Users of Outpatient Therapy Services CY 2002: Beneficiary Characteristics

Outpatient Rehabilitation Services Payment System Evaluation Contract

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**Appendix B- Table 5 Total Therapy Users by Gender Group and Annual Expenditure Percentile: Speech-Language Pathology**

Gender Group	SLP Users (N)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	367,783	35,620	54,502	93,570	92,128	55,167	18,397	14,719	3,680
Female	231,647	21,245	33,446	58,488	60,163	35,472	11,551	9,077	2,205
Male	136,135	14,375	21,056	35,082	31,965	19,695	6,845	5,642	1,475

**Appendix B- Table 5.1 Distribution of Therapy Users by Gender Group and Annual Expenditure Percentile: Speech-Language Pathology**

Gender Group	SLP Users (%)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	100.0%	9.7%	14.8%	25.4%	25.0%	15.0%	5.0%	4.0%	1.0%
Female	100.0%	9.2%	14.4%	25.2%	26.0%	15.3%	5.0%	3.9%	1.0%
Male	100.0%	10.6%	15.5%	25.8%	23.5%	14.5%	5.0%	4.1%	1.1%

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**Appendix B- Table 6 Total Therapy Users by Gender Group and Annual Expenditure Percentile: Physical Therapy and Speech-Language Pathology**

Gender Group	PT/SLP Users (N)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	3,503,136	343,561	530,694	875,159	877,222	525,952	175,298	140,199	35,051
Female	2,314,385	220,884	342,470	582,686	587,951	350,752	115,932	91,736	21,974
Male	1,188,747	122,676	188,223	292,473	289,270	175,200	59,366	48,462	13,077

**Appendix B- Table 6.1 Distribution of Therapy Users by Gender Group and Annual Expenditure Percentile: Physical Therapy and Speech-Language Pathology**

Gender Group	PT/SLP Users (%)	< 10th Expenditure Percentile	10-25th Expenditure Percentile	25-50th Expenditure Percentile	50-75th Expenditure Percentile	75-90th Expenditure Percentile	90-95th Expenditure Percentile	95-99th Expenditure Percentile	Above 99th Expenditure Percentile
Total	100.0%	9.8%	15.1%	25.0%	25.0%	15.0%	5.0%	4.0%	1.0%
Female	100.0%	9.5%	14.8%	25.2%	25.4%	15.2%	5.0%	4.0%	0.9%
Male	100.0%	10.3%	15.8%	24.6%	24.3%	14.7%	5.0%	4.1%	1.1%

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