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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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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:

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

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

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

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

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

90-95th, 95-99th, and above 99th 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- 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- 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- 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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