

## Appendix E – Race\* Tables

\* Identifies race demographics of outpatient therapy patients.

Note: Discussion of these tables is located in section 5.1 of this report.

Note: Slight variations in the gross total of patients by race compared with the national total is an artifact of missing beneficiary race information in the Denominator file for a small number of patients.

Note: Slight variations in gross provider payments compared with the national totals listed in this Appendix are an artifact of 1) missing race information for some patients and 2) estimating institutional therapy payments at the claim level.

### E-1.1: Utilization of Part B Therapy Services – Summary

All Part B Provider Settings	1998	1999	2000	% Change		
				98-99	99-00	98-00
Total (N) Part B Therapy Patients	3,511,793	3,424,309	3,589,865	-2.5%	4.8%	2.2%
% Enrollees Receiving Therapy	8.6%	8.3%	8.6%	-3.4%	3.6%	0.0%
Annual Total Payments	\$2,326,045,682	\$1,538,036,816	\$2,087,301,077	-33.9%	35.7%	-10.3%
Average Per-Patient Payments	\$662	\$449	\$581	-32.2%	29.5%	-12.2%
Average Per-Enrollee Payments	\$57.15	\$37.43	\$50.19	-34.5%	34.1%	-12.2%

### E-1.2: Annual Number of Medicare Part B Therapy Patients by Race

Race	Unique Therapy Patients (N)			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	18,150	17,809	18,826	-1.9%	5.7%	3.7%
White	3,084,538	2,995,885	3,134,700	-2.9%	4.6%	1.6%
African American	256,019	247,665	259,416	-3.3%	4.7%	1.3%
Other	59,543	69,951	81,459	17.5%	16.5%	36.8%
Asian	29,247	29,705	30,956	1.6%	4.2%	5.8%
Hispanic	60,498	59,773	60,977	-1.2%	2.0%	0.8%
N Amer Native	3,796	3,503	3,531	-7.7%	0.8%	-7.0%
National Total	3,511,793	3,424,309	3,589,865	-2.5%	4.8%	2.2%

### E-1.3: Annual Percent of Medicare Enrollees Receiving Part B Therapy by Race

Race	Percent of Enrollees			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	8.2%	7.6%	16.4%	-7.3%	116.5%	100.6%
White	8.9%	8.6%	8.9%	-3.4%	2.5%	-1.0%
African American	6.9%	6.5%	6.6%	-4.7%	0.9%	-3.9%
Other	6.3%	6.3%	14.0%	-0.2%	121.1%	120.6%
Asian	7.1%	7.5%	5.6%	5.6%	-25.5%	-21.3%
Hispanic	7.0%	7.2%	6.5%	2.5%	-9.3%	-6.9%
N Amer Native	6.5%	6.3%	5.2%	-2.7%	-18.6%	-20.8%
National Rate	8.6%	8.3%	8.6%	-3.4%	3.6%	0.0%

#### E-1.4: Annual Payments for Medicare Part B Therapy Patients by Race

Race	Total Therapy Payments			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$12,509,747	\$6,768,055	\$9,089,540	-45.9%	34.3%	-27.3%
White	\$1,848,833,919	\$1,133,949,315	\$1,534,053,816	-38.7%	35.3%	-17.0%
African American	\$249,742,639	\$153,163,964	\$195,818,897	-38.7%	27.8%	-21.6%
Other	\$33,001,539	\$27,878,699	\$42,728,634	-15.5%	53.3%	29.5%
Asian	\$20,849,129	\$13,808,346	\$19,798,504	-33.8%	43.4%	-5.0%
Hispanic	\$44,177,519	\$35,410,227	\$42,260,524	-19.8%	19.3%	-4.3%
N Amer Native	\$2,738,406	\$1,251,339	\$1,667,753	-54.3%	33.3%	-39.1%
National Total	\$2,326,045,682	\$1,538,036,816	\$2,087,301,077	-33.9%	35.7%	-10.3%

#### E-1.5: Average Annual Per-Patient Medicare Part B Therapy Payments by Race

Race	Therapy Payments Per-Patient			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$689	\$380	\$483	-44.9%	27.0%	-29.9%
White	\$599	\$379	\$489	-36.9%	29.3%	-18.4%
African American	\$975	\$618	\$755	-36.6%	22.1%	-22.6%
Other	\$554	\$399	\$525	-28.1%	31.6%	-5.4%
Asian	\$713	\$465	\$640	-34.8%	37.6%	-10.3%
Hispanic	\$730	\$592	\$693	-18.9%	17.0%	-5.1%
N Amer Native	\$721	\$357	\$472	-50.5%	32.2%	-34.5%
National Average	\$662	\$449	\$581	-32.2%	29.5%	-12.2%

#### E-1.6: Average Annual Per-Enrollee Medicare Part B Therapy Payments by Race

Race	Therapy Payments Per Enrollee			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$56.35	\$28.79	\$79.18	-48.9%	175.0%	40.5%
White	\$53.62	\$32.69	\$43.33	-39.0%	32.6%	-19.2%
African American	\$67.05	\$40.49	\$49.86	-39.6%	23.1%	-25.6%
Other	\$35.13	\$25.20	\$73.32	-28.3%	191.0%	108.7%
Asian	\$50.60	\$34.85	\$35.73	-31.1%	2.5%	-29.4%
Hispanic	\$51.05	\$42.47	\$45.09	-16.8%	6.2%	-11.7%
N Amer Native	\$46.98	\$22.62	\$24.35	-51.8%	7.7%	-48.2%
National Average	\$57.15	\$37.43	\$50.19	-34.5%	34.1%	-12.2%

### E-2.1: Utilization of Part B Therapy Services - Institutional Providers Summary

All Institutional Provider Settings	1998	1999	2000	% Change		
				98-99	99-00	98-00
Total (N) Part B Therapy Patients	2,392,349	2,277,161	2,339,513	-4.8%	2.7%	-2.2%
% Enrollees Receiving Therapy	5.9%	5.5%	5.6%	-5.7%	1.5%	-4.3%
Annual Total Payments	\$2,047,740,468	\$1,158,556,674	\$1,509,804,595	-43.4%	30.3%	-26.3%
Average Per-Patient Payments	\$856	\$509	\$645	-40.6%	26.8%	-24.6%
Average Per-Enrollee Payments	\$50.31	\$28.19	\$36.30	-44.0%	28.8%	-27.8%

### E-2.2: Annual Number of Medicare Part B Therapy Patients Receiving Institutional Provider Services by Race

Race	Unique Therapy Patients (N)			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	12,937	12,008	12,415	-7.2%	3.4%	-4.0%
White	2,101,463	1,996,883	2,049,220	-5.0%	2.6%	-2.5%
African American	195,425	182,612	187,864	-6.6%	2.9%	-3.9%
Other	33,231	37,612	41,891	13.2%	11.4%	26.1%
Asian	12,865	12,652	12,780	-1.7%	1.0%	-0.7%
Hispanic	33,580	32,816	32,786	-2.3%	-0.1%	-2.4%
N Amer Native	2,846	2,561	2,557	-10.0%	-0.2%	-10.2%
National Total	2,392,349	2,277,161	2,339,513	-4.8%	2.7%	-2.2%

### E-2.3: Annualized Percent of Medicare Enrollees Receiving Part B Therapy From Institutional Providers by Race

Race	Percent of Enrollees			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	5.8%	5.1%	10.8%	-12.3%	111.7%	85.6%
White	6.1%	5.8%	5.8%	-5.5%	0.5%	-5.0%
African American	5.2%	4.8%	4.8%	-8.0%	-0.9%	-8.8%
Other	3.5%	3.4%	7.2%	-3.9%	111.4%	103.2%
Asian	3.1%	3.2%	2.3%	2.3%	-27.8%	-26.1%
Hispanic	3.9%	3.9%	3.5%	1.4%	-11.1%	-9.9%
N Amer Native	4.9%	4.6%	3.7%	-5.2%	-19.4%	-23.5%
National Rate	5.9%	5.5%	5.6%	-5.7%	1.5%	-4.3%

**E-2.4: Annual Payments for Medicare Part B Therapy Patients to  
Institutional Providers by Race**

Race	Total Therapy Payments			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$11,109,338	\$4,893,029	\$6,232,700	-56.0%	27.4%	-43.9%
White	\$1,628,696,815	\$853,670,395	\$1,098,934,909	-47.6%	28.7%	-32.5%
African American	\$223,150,611	\$92,905,783	\$112,177,993	-58.4%	20.7%	-49.7%
Other	\$22,578,189	\$14,512,820	\$18,956,171	-35.7%	30.6%	-16.0%
Asian	\$9,393,772	\$4,383,208	\$4,878,884	-53.3%	11.3%	-48.1%
Hispanic	\$36,068,497	\$21,423,448	\$25,526,739	-40.6%	19.2%	-29.2%
N Amer Native	\$2,550,462	\$961,346	\$1,213,792	-62.3%	26.3%	-52.4%
National Total	\$2,047,740,468	\$1,158,556,674	\$1,509,804,595	-43.4%	30.3%	-26.3%

**E-2.5: Average Annual Per-Patient Medicare Part B Therapy Payments to  
Institutional Providers by Race**

Race	Therapy Payments Per-Patient			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$859	\$407	\$502	-52.5%	23.2%	-41.5%
White	\$775	\$428	\$536	-44.8%	25.4%	-30.8%
African American	\$1,142	\$509	\$597	-55.4%	17.4%	-47.7%
Other	\$679	\$386	\$453	-43.2%	17.3%	-33.4%
Asian	\$730	\$346	\$382	-52.6%	10.2%	-47.7%
Hispanic	\$1,074	\$653	\$779	-39.2%	19.3%	-27.5%
N Amer Native	\$896	\$375	\$475	-58.1%	26.5%	-47.0%
National Average	\$856	\$509	\$645	-40.6%	26.8%	-24.6%

**E-2.6: Average Annual Per-Enrollee Medicare Part B Therapy Payments to  
Institutional Providers by Race**

Race	Therapy Payments Per Enrollee			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$50.04	\$20.82	\$54.30	-58.4%	160.8%	8.5%
White	\$47.23	\$24.61	\$31.04	-47.9%	26.1%	-34.3%
African American	\$59.91	\$24.56	\$28.56	-59.0%	16.3%	-52.3%
Other	\$24.03	\$13.12	\$32.53	-45.4%	148.0%	35.4%
Asian	\$22.80	\$11.06	\$8.81	-51.5%	-20.4%	-61.4%
Hispanic	\$41.68	\$25.70	\$27.23	-38.4%	6.0%	-34.7%
N Amer Native	\$43.75	\$17.38	\$17.73	-60.3%	2.0%	-59.5%
National Average	\$50.31	\$28.19	\$36.30	-44.0%	28.8%	-27.8%

### E-3.1: Utilization of Part B Therapy Services - Non-Institutional Provider Summary

All Non-Institutional Provider Settings	1998	1999	2000	% Change		
				98-99	99-00	98-00
Total (N) Part B Therapy Patients	1,287,024	1,311,966	1,425,395	1.9%	8.6%	10.8%
% Enrollees Receiving Therapy	3.16%	3.19%	3.43%	1.0%	7.4%	8.4%
Annual Total Payments	\$278,305,214	\$379,480,143	\$577,496,482	36.4%	52.2%	107.5%
Average Per-Patient Payments	\$216	\$289	\$405	33.8%	40.1%	87.4%
Average Per-Enrollee Payments	\$6.84	\$9.23	\$13.89	35.1%	50.4%	103.1%

### E-3.2: Annual Number of Medicare Part B Therapy Patients Receiving Non-Institutional Provider Services by Race

Race	Unique Therapy Patients (N)			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	5,951	6,551	7,351	10.1%	12.2%	23.5%
White	1,133,022	1,145,795	1,241,450	1.1%	8.3%	9.6%
African American	69,458	73,986	80,781	6.5%	9.2%	16.3%
Other	29,648	35,960	44,261	21.3%	23.1%	49.3%
Asian	17,147	17,916	18,682	4.5%	4.3%	9.0%
Hispanic	30,700	30,715	31,781	0.0%	3.5%	3.5%
N Amer Native	1,098	1,040	1,089	-5.3%	4.7%	-0.8%
National Total	1,287,024	1,311,966	1,425,395	1.9%	8.6%	10.8%

### E-3.3: Annual Percent of Medicare Enrollees Receiving Part B Therapy from Non-Institutional Providers by Race

Race	Percent of Enrollees			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	2.7%	2.8%	6.4%	4.0%	129.8%	138.9%
White	3.3%	3.3%	3.5%	0.5%	6.2%	6.7%
African American	1.9%	2.0%	2.1%	4.9%	5.1%	10.3%
Other	3.2%	3.3%	7.6%	3.0%	133.7%	140.7%
Asian	4.2%	4.5%	3.4%	8.6%	-25.4%	-19.0%
Hispanic	3.5%	3.7%	3.4%	3.8%	-8.0%	-4.4%
N Amer Native	1.9%	1.9%	1.6%	-0.2%	-15.4%	-15.6%
National Rate	3.2%	3.2%	3.4%	1.0%	7.4%	8.4%

**E-3.4: Annual Payments for Medicare Part B Therapy Patients to  
Non-Institutional Providers by Race**

Race	Total Therapy Payments			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$1,400,409	\$1,875,026	\$2,856,841	33.9%	52.4%	104.0%
White	\$220,137,103	\$280,278,920	\$435,118,908	27.3%	55.2%	97.7%
African American	\$26,592,029	\$60,258,181	\$83,640,904	126.6%	38.8%	214.5%
Other	\$10,423,350	\$13,365,878	\$23,772,464	28.2%	77.9%	128.1%
Asian	\$11,455,357	\$9,425,138	\$14,919,620	-17.7%	58.3%	30.2%
Hispanic	\$8,109,021	\$13,986,779	\$16,733,785	72.5%	19.6%	106.4%
N Amer Native	\$187,944	\$289,993	\$453,961	54.3%	56.5%	141.5%
National Total	\$278,305,214	\$379,480,143	\$577,496,482	36.4%	52.2%	107.5%

**E-3.5: Average Annual Per-Patient Medicare Part B Therapy Payments to  
Non-Institutional Providers by Race**

Race	Therapy Payments Per-Patient			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$235	\$286	\$389	21.6%	35.8%	65.1%
White	\$194	\$245	\$350	25.9%	43.3%	80.4%
African American	\$383	\$814	\$1,035	112.7%	27.1%	170.4%
Other	\$352	\$372	\$537	5.7%	44.5%	52.8%
Asian	\$668	\$526	\$799	-21.3%	51.8%	19.5%
Hispanic	\$264	\$455	\$527	72.4%	15.6%	99.3%
N Amer Native	\$171	\$279	\$417	62.9%	49.5%	143.5%
National Average	\$216	\$289	\$405	33.8%	40.1%	87.4%

**E-3.6: Average Annual Per-Enrollee Medicare Part B Therapy Payments to  
Non-Institutional Providers by Race**

Race	Therapy Payments Per Enrollee			% Change		
	1998	1999	2000	98-99	99-00	98-00
Unknown	\$6.31	\$7.98	\$24.89	26.5%	212.0%	294.5%
White	\$6.38	\$8.08	\$12.29	26.6%	52.1%	92.5%
African American	\$7.14	\$15.93	\$21.29	123.1%	33.7%	198.3%
Other	\$11.09	\$12.08	\$40.79	8.9%	237.7%	267.7%
Asian	\$27.80	\$23.79	\$26.93	-14.4%	13.2%	-3.1%
Hispanic	\$9.37	\$16.78	\$17.85	79.0%	6.4%	90.5%
N Amer Native	\$3.22	\$5.24	\$6.63	62.6%	26.4%	105.6%
National Average	\$6.84	\$9.23	\$13.89	35.1%	50.4%	103.1%