

## Appendix Z – Analysis of Most Costly Outpatient Therapy Patients (Top 1% by Age-Gender\* Variables)

*\*Patients were classified in 12 different age-gender strata (e.g. 70-75 year old males). The top 1% most costly patients within each stratum were then analyzed by patient race, CMS region of residence, and frequently occurring principal claim diagnoses.*

*Note: Discussion of these tables is located in section 5.9 of this report.*

### Z-1.1: 1998 Top 1% - Claim Beneficiary Age - Summary

1998 Patients by Age	Volume of Patients of This Age	Volume of Top 1% Cost Patients of This Age	Prevalence of Each Age Within All Patients
<64	403,435	4,035	11.5%
65-69	586,421	5,867	16.7%
70-74	716,149	7,163	20.4%
75-79	673,189	6,733	19.2%
80-84	521,957	5,220	14.9%
85+	610,642	6,108	17.4%
<b>All Patients</b>	<b>3,511,793</b>	<b>35,126</b>	<b>100.0%</b>

### Z-1.2: 1999 Top 1% - Claim Beneficiary Age - Summary

1999 Patients by Age	Volume of Patients of This Age	Volume of Top 1% Cost Patients of This Age	Prevalence of Each Age Within All Patients
<64	408,331	4,086	11.9%
65-69	578,857	5,793	16.9%
70-74	699,759	7,005	20.4%
75-79	673,420	6,739	19.7%
80-84	501,245	5,016	14.6%
85+	562,697	5,629	16.4%
<b>All Patients</b>	<b>3,424,309</b>	<b>34,268</b>	<b>100.0%</b>

### Z-1.3: 2000 Top 1% - Claim Beneficiary Age - Summary

2000 Patients by Age	Volume of Patients of This Age	Volume of Top 1% Cost Patients of This Age	Prevalence of Each Age Within All Patients
<64	428,470	4,286	11.9%
65-69	601,303	6,015	16.7%
70-74	723,160	7,237	20.2%
75-79	702,322	7,026	19.6%
80-84	536,075	5,363	14.9%
85+	598,535	5,988	16.7%
<b>All Patients</b>	<b>3,589,865</b>	<b>35,915</b>	<b>100.0%</b>

**Z-2.1: 1998 Top 1% - Claim Beneficiary Gender - Summary**

1998 Patients by Gender	Volume of Patients of This Gender	Volume of Top 1% Cost Patients of This Gender	Prevalence of Each Gender Within All Patients
Male	1,211,013	12,113	34.5%
Female	2,300,780	23,013	65.5%
All Patients	3,511,793	35,126	100.0%

**Z-2.2: 1999 Top 1% - Claim Beneficiary Gender - Summary**

1999 Patients by Gender	Volume of Patients of This Gender	Volume of Top 1% Cost Patients of This Gender	Prevalence of Each Gender Within All Patients
Male	1,190,222	11,906	34.7%
Female	2,234,087	22,362	65.3%
All Patients	3,424,309	34,268	100.0%

**Z-2.3: 2000 Top 1% - Claim Beneficiary Gender - Summary**

2000 Patients by Gender	Volume of Patients of This Gender	Volume of Top 1% Cost Patients of This Gender	Prevalence of Each Gender Within All Patients
Male	1,242,547	12,433	34.6%
Female	2,347,318	23,482	65.4%
All Patients	3,589,865	35,915	100.0%

### Z-3.1: 1998 Top 1% - Claim Beneficiary Race - Summary

1998 Patients by Race	Volume of Patients of This Race	Volume of Top 1% Cost Patients of This Race	Percent of Top 1% Cost Patients Within Each Race	Prevalence of Each Race Within All Top 1% Cost Patients	Prevalence of Each Race Within All Patients
Unknown	18,150	184	1.0%	0.5%	0.5%
White	3,084,538	25,907	0.8%	73.8%	87.8%
African-American	256,019	6,694	2.6%	19.1%	7.3%
Other	59,543	706	1.2%	2.0%	1.7%
Asian	29,247	503	1.7%	1.4%	0.8%
Hispanic	60,498	1,072	1.8%	3.1%	1.7%
N Amer Native	3,796	60	1.6%	0.2%	0.1%
All Patients	3,511,793	35,126	1.0%	100.0%	100.0%

### Z-3.2: 1999 Top 1% - Claim Beneficiary Race - Summary

1999 Patients by Race	Volume of Patients of This Race	Volume of Top 1% Cost Patients of This Race	Percent of Top 1% Cost Patients Within Each Race	Prevalence of Each Race Within All Top 1% Cost Patients	Prevalence of Each Race Within All Patients
Unknown	17,809	194	1.1%	0.6%	0.5%
White	2,995,885	22,674	0.8%	66.2%	87.5%
African-American	247,665	7,111	2.9%	20.8%	7.2%
Other	69,951	1,179	1.7%	3.4%	2.0%
Asian	29,705	652	2.2%	1.9%	0.9%
Hispanic	59,773	2,436	4.1%	7.1%	1.7%
N Amer Native	3,503	22	0.6%	0.1%	0.1%
All Patients	3,424,309	34,268	1.0%	100.0%	100.0%

### Z-3.3: 2000 Top 1% - Claim Beneficiary Race - Summary

2000 Patients by Race	Volume of Patients of This Race	Volume of Top 1% Cost Patients of This Race	Percent of Top 1% Cost Patients Within Each Race	Prevalence of Each Race Within All Top 1% Cost Patients	Prevalence of Each Race Within All Patients
Unknown	18,826	197	1.0%	0.5%	0.5%
White	3,134,700	23,672	0.8%	65.9%	87.3%
African-American	259,416	7,697	3.0%	21.4%	7.2%
Other	81,459	1,467	1.8%	4.1%	2.3%
Asian	30,956	816	2.6%	2.3%	0.9%
Hispanic	60,977	2,029	3.3%	5.6%	1.7%
N Amer Native	3,531	37	1.0%	0.1%	0.1%
All Patients	3,589,865	35,915	1.0%	100.0%	100.0%

**Z-4.1: 1998 Top 1% - Claim Beneficiary CMS Region of Residence - Summary**

1998 Patients by Region	Volume of Patients of This Region	Volume of Top 1% Cost Patients of This Region	Percent of Top 1% Cost Patients Within Each Region	Prevalence of Each Region Within All Top 1% Cost Patients	Prevalence of Each Region Within All Patients
I-Boston	199,560	1,876	0.9%	5.3%	5.7%
II-New York	367,731	2,125	0.6%	6.0%	10.5%
III-Philadelphia	368,508	3,101	0.8%	8.8%	10.5%
IV-Atlanta	718,523	9,123	1.3%	26.0%	20.5%
V-Chicago	736,979	5,016	0.7%	14.3%	21.0%
VI-Dallas	323,676	8,749	2.7%	24.9%	9.2%
VII-Kansas City	234,811	1,742	0.7%	5.0%	6.7%
VIII-Denver	115,696	762	0.7%	2.2%	3.3%
IX-San Francisco	327,905	2,258	0.7%	6.4%	9.3%
X-Seattle	116,633	375	0.3%	1.1%	3.3%
Unknown Region	1,771	9	0.5%	0.0%	0.1%
<b>All Patients</b>	<b>3,511,793</b>	<b>35,126</b>	<b>1.0%</b>	<b>100.0%</b>	<b>100.0%</b>

**Z-4.2: 1999 Top 1% - Claim Beneficiary CMS Region of Residence - Summary**

1999 Patients by Region	Volume of Patients of This Region	Volume of Top 1% Cost Patients of This Region	Percent of Top 1% Cost Patients Within Each Region	Prevalence of Each Region Within All Top 1% Cost Patients	Prevalence of Each Region Within All Patients
I-Boston	188,445	842	0.4%	2.5%	5.5%
II-New York	369,667	3,258	0.9%	9.5%	10.8%
III-Philadelphia	355,355	2,993	0.8%	8.7%	10.4%
IV-Atlanta	694,509	8,271	1.2%	24.1%	20.3%
V-Chicago	715,995	4,386	0.6%	12.8%	20.9%
VI-Dallas	315,908	9,837	3.1%	28.7%	9.2%
VII-Kansas City	225,529	1,092	0.5%	3.2%	6.6%
VIII-Denver	115,788	567	0.5%	1.7%	3.4%
IX-San Francisco	325,633	2,614	0.8%	7.6%	9.5%
X-Seattle	115,861	394	0.3%	1.1%	3.4%
Unknown Region	1,619	14	0.9%	0.0%	0.0%
<b>All Patients</b>	<b>3,424,309</b>	<b>34,268</b>	<b>1.0%</b>	<b>100.0%</b>	<b>100.0%</b>

**Z-4.3: 2000 Top 1% - Claim Beneficiary CMS Region of Residence - Summary**

<b>2000 Patients by Region</b>	<b>Volume of Patients of This Region</b>	<b>Volume of Top 1% Cost Patients of This Region</b>	<b>Percent of Top 1% Cost Patients Within Each Region</b>	<b>Prevalence of Each Region Within All Top 1% Cost Patients</b>	<b>Prevalence of Each Region Within All Patients</b>
<b>I-Boston</b>	197,391	1,020	0.5%	2.8%	5.5%
<b>II-New York</b>	383,698	3,385	0.9%	9.4%	10.7%
<b>III-Philadelphia</b>	369,571	3,120	0.8%	8.7%	10.3%
<b>IV-Atlanta</b>	734,363	9,613	1.3%	26.8%	20.5%
<b>V-Chicago</b>	748,235	4,344	0.6%	12.1%	20.8%
<b>VI-Dallas</b>	337,310	9,516	2.8%	26.5%	9.4%
<b>VII-Kansas City</b>	233,507	936	0.4%	2.6%	6.5%
<b>VIII-Denver</b>	122,263	492	0.4%	1.4%	3.4%
<b>IX-San Francisco</b>	340,023	3,149	0.9%	8.8%	9.5%
<b>X-Seattle</b>	121,978	332	0.3%	0.9%	3.4%
<b>Unknown Region</b>	1,526	8	0.5%	0.0%	0.0%
<b>All Patients</b>	<b>3,589,865</b>	<b>35,915</b>	<b>1.0%</b>	<b>100.0%</b>	<b>100.0%</b>