

Appendix G

Part B Therapy Users CY 2002:

Most Frequently Observed Diagnosis Tables -
Annual Expenditure Ranking

Key to Appendix G:

The tables in Appendix G describe the most commonly reported Part B therapy user diagnosis groups in CY 2002. Individual therapy users are classified by the first principal claim diagnosis listed during the first therapy encounter.

The ICD-9 code groups with the greatest number of unique therapy users represented in Appendix J were then ranked in order of average annual expenditures per therapy user (Rank 1 = highest average annual expenditures). For example, in Appendix G-Table 1, the acute stroke diagnosis (436) had the highest average total therapy expenditure in CY 2002 at \$1787. This can be compared to the overall therapy user average of \$895 presented in the "All Therapy Users" row above. Most tables contain the first 100 ranked diagnosis groups.

The tan shaded cells indicate the relative ranking and the dollar value average column being ranked in the respective tables. For example, in Appendix G-Table 2, the "PT Users" table, the tan cells represent the total PT expenditures for any therapy user that received PT services for that diagnosis. The non-highlighted OT and SLP cells indicate the therapy expenditures for these services that are related to the PT user (e.g. complex cases require multiple therapies).

NOTE: To identify the average therapy expenditures for a specific type of therapy for a specific diagnosis group, review the amounts in the tan cells for that specific therapy type (e.g. Appendix G-Table 3 for average OT expenditures for acute stroke (ICD-9 = 436).

Appendix G-Table 6 provides a variation of Appendix K- Table 1. Both tables describe individual therapy users that received any type of therapy services (PT and/or OT and/or SLP) in CY 2002. While Appendix G-Table 1 describes the average annual expenditures of the most frequently occurring diagnosis groups among all therapy users, Appendix G-Table 6 describes the average annual expenditures of the most frequently occurring diagnosis groups, but only for therapy users representing the top 5 percent in annual expenditures. For example, in Appendix G-Table 1, acute stroke has the highest average expenditure at \$1787 while in Appendix G-Table 6; acute stroke is ranked eighth among the top 5% users, while averaging a significantly higher annual expenditure amount of \$6086.

These tables provide a general picture of the average annual expenditures most often associated with users presenting with commonly reported diagnoses and highlight differences in average annual expenditures and ranking of particular diagnosis groups depending upon the type of therapy services being described. It also highlights the differences in average annual expenditures and diagnosis group ranking when comparing high expenditure users with average users of therapy services.

Appendix G-Table 1 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: All Therapy Users

ICD-9 \$ Rank All Therapy Types	ICD-9 Code	Diagnosis Description	All Therapy Users (N)	Total Therapy Paid (Average)	PT Paid (Average)	OT Paid (Average)	SLP Paid (Average)
		All Therapy Users	3,747,396	\$895	\$669	\$163	\$63
1	436	Acute, but ill-defined, cerebrovascular disease	63,108	\$1,787	\$878	\$559	\$350
2	438.0	Late effects of cerebrovascular disease, cognitive deficits	9,175	\$1,718	\$727	\$643	\$348
3	438.20	Late effects of cerebrovascular disease, hemiplegia affecting unspecified side	8,329	\$1,710	\$814	\$627	\$269
4	780.9	Other general symptoms	23,350	\$1,629	\$825	\$651	\$152
5	715.09	Osteoarthritis, generalized, multiple sites	12,232	\$1,556	\$1,120	\$401	\$35
6	719.79	Difficulty in walking, multiple sites	9,149	\$1,546	\$1,054	\$392	\$99
7	438.9	Late effects of cerebrovascular disease, unspecified late effects of cerebrovascular disease	6,726	\$1,502	\$728	\$512	\$262
8	401.9	Essential hypertension, unspecified	11,215	\$1,499	\$773	\$520	\$205
9	820.8	Fracture of neck of femur, unspecified part, closed	17,720	\$1,489	\$1,005	\$381	\$102
10	719.70	Difficulty in walking, site unspecified	33,965	\$1,465	\$981	\$382	\$102
11	728.2	Muscular wasting and disuse atrophy, not elsewhere classified	33,681	\$1,464	\$930	\$457	\$77
12	332.0	Parkinson's Disease, paralysis agitans	26,013	\$1,458	\$845	\$407	\$207
13	799.3	Debility, unspecified	27,202	\$1,435	\$807	\$510	\$118
14	707.0	Decubitus ulcer	7,211	\$1,395	\$1,010	\$281	\$104
15	250.00	Type II Diabetes Mellitus or unspecified type, not stated as uncontrolled, without mention of complication	11,519	\$1,381	\$697	\$473	\$211
16	428.0	Congestive Heart Failure, unspecified	19,445	\$1,379	\$731	\$489	\$159
17	728.9	Unspecified disorder of muscle, ligament, and fascia	27,857	\$1,329	\$875	\$381	\$73
18	599.0	Urinary tract infection, site not specified	6,994	\$1,299	\$627	\$449	\$224
19	719.75	Difficulty in walking, pelvic region and thigh	6,257	\$1,298	\$964	\$268	\$66
20	715.00	Osteoarthritis, generalized, site unspecified	9,343	\$1,282	\$1,019	\$225	\$38
21	719.76	Difficulty in walking, lower leg	6,358	\$1,275	\$992	\$235	\$48
22	486	Pneumonia, organism unspecified	11,509	\$1,271	\$612	\$412	\$248
23	812.20	Fracture of humerus, unspecified part	7,622	\$1,247	\$887	\$338	\$21
24	781.3	Lack of coordination	14,686	\$1,234	\$805	\$359	\$70
25	780.79	Other malaise and fatigue	23,009	\$1,213	\$764	\$373	\$77
26	781.2	Abnormality of gait	118,604	\$1,211	\$917	\$232	\$62
27	340	Multiple sclerosis	9,074	\$1,183	\$765	\$320	\$98
28	716.90	Arthropathy, unspecified, site unspecified	6,616	\$1,157	\$753	\$346	\$58
29	715.90	Osteoarthritis, unspecified whether generalized or localized, site unspecified	31,297	\$1,155	\$821	\$289	\$46
30	812.00	Fracture of humerus, upper end, unspecified part	10,086	\$1,150	\$896	\$240	\$13
31	729.89	Other musculoskeletal symptoms referable to limbs, other	7,173	\$1,148	\$663	\$401	\$84
32	844.9	Sprains and strains, knee and leg, unspecified site	8,597	\$1,146	\$974	\$171	\$2
33	V57.89	Other specified rehabilitation procedure, other	19,776	\$1,143	\$694	\$325	\$124
34	V43.65	Joint replacement, knee	21,183	\$1,107	\$1,090	\$16	\$1
35	496	Chronic airway obstruction, not elsewhere classified	16,379	\$1,094	\$668	\$326	\$100
36	727.61	Complete rupture of rotator cuff, non-traumatic	12,570	\$1,075	\$1,020	\$54	\$1
37	V43.64	Joint replacement, hip	7,917	\$1,039	\$986	\$47	\$6

Appendix G-Table 1 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: All Therapy Users (Cont.)

ICD-9 \$ Rank All Therapy Types	ICD-9 Code	Diagnosis Description	All Therapy Users (N)	Total Therapy Paid Average	PT Paid Average	OT Paid Average	SLP Paid Average
38	290.0	Senile dementia, uncomplicated	9,669	\$1,039	\$464	\$333	\$242
39	733.00	Osteoporosis, unspecified	9,139	\$1,034	\$659	\$306	\$69
40	781.92	Abnormal posture	9,804	\$1,002	\$304	\$551	\$147
41	840.9	Sprains and strains, unspecified part of shoulder and upper arm	10,585	\$991	\$836	\$153	\$2
42	331.0	Alzheimer's Disease	19,428	\$979	\$432	\$324	\$223
43	294.8	Other specified organic brain syndromes (chronic)	8,143	\$960	\$419	\$330	\$211
44	840.4	Sprains and strains, rotator cuff (capsule)	43,511	\$949	\$895	\$52	\$1
45	715.16	Osteoarthritis, localized, primary, lower leg	37,889	\$944	\$916	\$26	\$2
46	715.91	Osteoarthritis, unspecified whether generalized or localized, shoulder region	6,716	\$943	\$830	\$109	\$4
47	718.44	Contracture of joint, hand	7,234	\$924	\$196	\$624	\$104
48	723.4	Brachia neuritis or radiculotis NOS	16,744	\$924	\$788	\$135	\$1
49	457.1	Other lymphadema	11,800	\$922	\$666	\$253	\$3
50	715.96	Osteoarthritis, unspecified whether generalized or localized, lower leg	45,616	\$919	\$875	\$41	\$3
51	726.11	Calcifying tendonitis of shoulder	8,341	\$910	\$824	\$85	\$1
52	724.4	Thoracic or lumbosacral neuritis or radiculitis, unspecified	33,315	\$881	\$812	\$68	\$1
53	715.36	Osteoarthritis, localized, unspecified whether primary or secondary, lower leg	12,416	\$875	\$821	\$51	\$3
54	726.0	Adhesive capsulitis of shoulder	28,204	\$862	\$798	\$61	\$3
55	847.2	Sprains and strains, lumbar	33,215	\$842	\$780	\$60	\$2
56	722.6	Degeneration of intervertebral disc, site unspecified	6,487	\$840	\$804	\$31	\$5
57	724.00	Spinal stenosis, other than cervical, unspecified region	10,829	\$839	\$751	\$77	\$11
58	715.15	Osteoarthritis, localized, primary, pelvic region and thigh	9,456	\$837	\$807	\$28	\$2
59	719.46	Pain in joint, lower leg	77,979	\$836	\$807	\$27	\$2
60	714.0	Rheumatoid arthritis	11,533	\$825	\$555	\$252	\$18
61	726.10	Disorders of bursae and tendons in shoulder region, not elsewhere classified	45,137	\$820	\$744	\$74	\$2
62	721.90	Spondylosis of unspecified site, without mention of myelopathy	10,258	\$816	\$767	\$45	\$4
63	724.02	Spinal stenosis, other than cervical, lumbar region	41,503	\$810	\$782	\$24	\$3
64	813.42	Other fractures of distal end of radius (alone)	8,616	\$797	\$393	\$399	\$4
65	715.95	Osteoarthritis, unspecified whether generalized or localized, pelvic region and thigh	12,505	\$792	\$747	\$40	\$5
66	721.3	Lumbosacral spondylosis without myelopathy	19,191	\$789	\$754	\$33	\$2
67	719.41	Pain in joint, shoulder region	90,650	\$781	\$726	\$52	\$3
68	722.10	Displacement of lumbar intervertebral disc without myelopathy	18,618	\$754	\$741	\$12	\$1
69	726.2	Other affections of shoulder region, not elsewhere classified	24,874	\$746	\$704	\$40	\$1
70	724.2	Lumbago	220,207	\$744	\$714	\$27	\$3
71	847.1	Sprains and strains, thoracic	6,518	\$743	\$727	\$15	\$1
72	847.0	Sprains and strains, neck	30,344	\$740	\$703	\$35	\$2
73	846.0	Sprains and strains, lumbosacral (joint) (ligament)	12,102	\$729	\$674	\$54	\$1
74	721.0	Cervical spondylosis without myelopathy	17,882	\$723	\$688	\$32	\$3

Appendix G-Table 1 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: All Therapy Users (Cont.)

ICD-9 \$ Rank All Therapy Types	ICD-9 Code	Diagnosis Description	All Therapy Users (N)	Total Therapy Paid Average	PT Paid Average	OT Paid Average	SLP Paid Average
75	719.45	Pain in joint, pelvic region and thigh	41,087	\$714	\$678	\$30	\$6
76	787.2	Dysphagia	108,767	\$713	\$156	\$117	\$439
77	729.5	Pain in limb	46,447	\$710	\$638	\$66	\$6
78	719.44	Other and unspecified disorders of joint, hand	6,961	\$694	\$427	\$257	\$10
79	722.52	Degeneration of lumbar or lumbosacral intervertebral disc	34,861	\$686	\$673	\$11	\$1
80	723.1	Cervicalgia	81,198	\$680	\$658	\$20	\$2
81	729.1	Myalgia and myositis, unspecified	20,736	\$675	\$629	\$42	\$4
82	V57.3	Speech therapy	12,828	\$675	\$111	\$68	\$496
83	724.3	Sciatica	28,942	\$669	\$648	\$19	\$2
84	722.4	Degeneration of cervical intervertebral disc	14,824	\$667	\$654	\$12	\$2
85	V57.21	Occupational therapy encounter	31,251	\$655	\$145	\$478	\$32
86	724.5	Backache, unspecified	41,020	\$652	\$622	\$25	\$5
87	726.5	Enthesopathy of hip region	21,650	\$648	\$625	\$21	\$2
88	836.0	Tear of medial cartilage or meniscus of knee, current	15,770	\$643	\$635	\$7	\$1
89	845.00	Sprains and strains, ankle, unspecified site	7,492	\$635	\$577	\$53	\$5
90	724.1	Pain in thoracic spine	10,097	\$634	\$614	\$18	\$3
91	728.85	Spasm of muscle	18,576	\$623	\$587	\$32	\$4
92	V57.1	Other physical therapy	346,228	\$618	\$552	\$52	\$14
93	782.3	Edema	7,117	\$602	\$465	\$124	\$14
94	719.47	Pain in joint, ankle and foot	16,627	\$592	\$570	\$20	\$2
95	726.71	Achilles bursitis and tendonitis	7,831	\$572	\$562	\$9	\$1
96	780.4	Dizziness and giddiness	12,803	\$548	\$437	\$92	\$18
97	354.0	Carpal Tunnel Syndrome	20,919	\$528	\$289	\$237	\$2
98	726.90	Enthesopathy of unspecified site, capsulitis, peri-arthritis, tendonitis	9,113	\$461	\$423	\$35	\$3
99	728.71	Plantar fascial fibromatosis	24,088	\$390	\$380	\$9	\$1

Appendix G-Table 2 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: PT Users

ICD-9 \$ Rank PT	ICD-9 Code	Diagnosis Description	PT Users (N)	PT Paid Average	OT Paid Average	SLP Paid Average	Total Therapy Paid Average
		All PT Users	3,296,407	\$760	\$137	\$40	\$938
1	715.09	Osteoarthritis, generalized, multiple sites	11,276	\$1,215	\$380	\$31	\$1,627
2	707.0	Decubitus ulcer	6,038	\$1,206	\$253	\$86	\$1,545
3	438.0	Late effects cerebrovascular disease, cognitive deficits	5,604	\$1,190	\$761	\$331	\$2,282
4	436	Acute, but ill-defined cerebrovascular disease	47,710	\$1,161	\$616	\$306	\$2,083
5	820.8	Fracture of neck of femur, unspecified part, closed	15,603	\$1,141	\$376	\$77	\$1,594
6	715.00	Osteoarthritis, generalized, site unspecified	8,509	\$1,119	\$194	\$32	\$1,345
7	V43.65	Joint replacement, knee	21,150	\$1,092	\$15	\$1	\$1,108
8	780.9	Other general symptoms	17,854	\$1,079	\$662	\$154	\$1,895
9	719.79	Difficulty in walking, multiple sites	9,031	\$1,068	\$389	\$98	\$1,555
10	332.0	Paralysis agitans (Parkinson's Disease)	20,688	\$1,062	\$416	\$176	\$1,655
11	438.20	Late effects cerebrovascular disease, hemiplegia affecting unspecified side	6,430	\$1,055	\$682	\$268	\$2,004
12	727.61	Complete rupture of rotator cuff, non-traumatic	12,194	\$1,051	\$24	\$1	\$1,077
13	401.9	Essential hypertension, unspecified	8,360	\$1,037	\$560	\$164	\$1,762
14	728.2	Muscular wasting and disuse atrophy, not elsewhere classified	30,297	\$1,034	\$421	\$73	\$1,528
15	812.20	Fracture of humerus, unspecified part	6,556	\$1,032	\$252	\$18	\$1,302
16	719.70	Difficulty in walking, site unspecified	33,263	\$1,002	\$381	\$99	\$1,481
17	719.76	Difficulty in walking, lower leg	6,305	\$1,001	\$231	\$47	\$1,278
18	812.00	Fracture of humerus, upper end, unspecified part	9,060	\$998	\$157	\$11	\$1,166
19	V43.64	Joint replacement, hip	7,835	\$996	\$44	\$5	\$1,045
20	719.75	Difficulty in walking, pelvic region and thigh	6,171	\$978	\$268	\$63	\$1,309
21	844.9	Sprains and strains, knee and leg, unspecified site	8,580	\$976	\$169	\$2	\$1,147
22	799.3	Debility, unspecified	22,507	\$975	\$493	\$115	\$1,583
23	250.00	Type II Diabetes Mellitus, without mention of complication, not stated as uncontrolled	8,316	\$966	\$498	\$161	\$1,625
24	728.9	Unspecified disorder of muscle, ligament, and fascia	25,424	\$959	\$348	\$69	\$1,377
25	340	Multiple sclerosis	7,310	\$950	\$293	\$67	\$1,310
26	428.0	Congestive Heart Failure, unspecified	15,154	\$938	\$518	\$124	\$1,580
27	715.11	Osteoarthritis, localized, primary, shoulder region	5,426	\$937	\$76	\$2	\$1,016
28	781.2	Abnormality of gait	116,623	\$932	\$227	\$60	\$1,219
29	840.4	Sprains and strains, rotator cuff (capsule)	42,061	\$926	\$26	\$1	\$953
30	715.90	Osteoarthritis, unspecified whether generalized or localized, site unspecified	27,731	\$926	\$258	\$38	\$1,221
31	781.3	Lack of coordination	12,830	\$921	\$316	\$65	\$1,302
32	715.16	Osteoarthritis, localized, primary, lower leg	37,809	\$918	\$25	\$2	\$946
33	716.90	Arthropathy, unspecified, site unspecified	5,558	\$897	\$299	\$45	\$1,240
34	486	Pneumonia, organism unspecified	7,983	\$882	\$465	\$188	\$1,534
35	715.96	Osteoarthritis, unspecified whether generalized or localized, lower leg	45,399	\$879	\$38	\$3	\$920
36	715.91	Osteoarthritis, unspecified whether generalized or localized, shoulder region	6,399	\$871	\$72	\$3	\$946
37	840.9	Sprains and strains, unspecified part of shoulder and upper arm	10,265	\$862	\$134	\$2	\$999
38	457.1	Other lymphadema	9,175	\$856	\$113	\$4	\$973

Appendix G-Table 2 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: PT Users (Cont.)

ICD-9 \$ Rank PT	ICD-9 Code	Diagnosis Description	PT Users (N)	PT Paid Average	OT Paid Average	SLP Paid Average	Total Therapy Paid Average
39	780.79	Other malaise and fatigue	20,531	\$856	\$351	\$70	\$1,276
40	726.11	Calcifying tendonitis of shoulder	8,159	\$843	\$69	\$1	\$913
41	726.0	Adhesive capsulitis of shoulder	27,227	\$826	\$36	\$3	\$865
42	715.36	Osteoarthritis, localized, not specified whether primary or secondary, lower leg	12,358	\$825	\$49	\$3	\$877
43	290.0	Senile dementia, uncomplicated	5,454	\$823	\$374	\$187	\$1,384
44	724.4	Thoracic or lumbosacral neuritis or radiculitis, unspecified	33,267	\$814	\$67	\$1	\$882
45	722.6	Degeneration of intervertebral disc, site unspecified	6,424	\$812	\$26	\$4	\$842
46	715.15	Osteoarthritis, localized, primary, pelvic region and thigh	9,413	\$811	\$26	\$2	\$839
47	719.46	Pain in joint, lower leg	77,819	\$809	\$26	\$2	\$837
48	496	Chronic airway obstruction, not elsewhere classified	13,589	\$805	\$318	\$70	\$1,193
49	723.4	Brachia neuritis or radiculitis NOS	16,512	\$799	\$124	\$1	\$924
50	729.89	Other musculoskeletal symptoms referable to limbs, other	6,025	\$789	\$368	\$86	\$1,243
51	724.02	Spinal stenosis, other than cervical, lumbar region	41,355	\$785	\$22	\$3	\$811
52	847.2	Sprains and strains, lumbar	33,158	\$781	\$59	\$2	\$842
53	721.90	Spondylosis of unspecified site, without mention of myelopathy	10,174	\$774	\$40	\$3	\$817
54	726.10	Disorders of bursae and tendons in shoulder region, not elsewhere classified	43,569	\$770	\$51	\$2	\$823
55	733.00	Osteoporosis, unspecified	7,854	\$767	\$269	\$51	\$1,087
56	V57.89	Other specified rehabilitation procedure, other	17,947	\$765	\$319	\$117	\$1,200
57	331.0	Alzheimer's Disease	10,989	\$764	\$357	\$174	\$1,295
58	724.00	Spinal stenosis, other than cervical, unspecified region	10,654	\$764	\$68	\$7	\$839
59	721.3	Lumbosacral spondylosis without myelopathy	19,137	\$756	\$31	\$2	\$789
60	715.95	Osteoarthritis, unspecified whether generalized or localized, pelvic region and thigh	12,381	\$754	\$38	\$4	\$796
61	719.41	Pain in joint, shoulder region	87,489	\$752	\$30	\$3	\$785
62	824.8	Fracture of ankle, unspecified, closed	5,856	\$747	\$106	\$12	\$865
63	714.0	Rheumatoid arthritis	8,607	\$744	\$190	\$16	\$950
64	722.10	Displacement of lumbar intervertebral disc without myelopathy	18,586	\$742	\$12	\$1	\$755
65	726.2	Other affections of shoulder region, not elsewhere classified	23,944	\$731	\$19	\$1	\$752
66	847.1	Sprains and strains, thoracic	6,511	\$728	\$14	\$1	\$743
67	724.2	Lumbago	219,618	\$716	\$26	\$3	\$744
68	787.2	Dysphagia	23,916	\$711	\$357	\$576	\$1,644
69	847.0	Sprains and strains, neck	30,238	\$705	\$32	\$2	\$739
70	721.0	Cervical spondylosis without myelopathy	17,790	\$691	\$29	\$3	\$723
71	719.45	Pain in joint, pelvic region and thigh	40,848	\$682	\$28	\$5	\$715
72	729.5	Pain in limb	43,637	\$679	\$40	\$5	\$724
73	846.0	Sprains and strains, lumbosacral (joint) (ligament)	12,078	\$676	\$52	\$1	\$729
74	722.52	Degeneration of lumbar or lumbosacral intervertebral disc	34,820	\$674	\$11	\$1	\$686
75	723.1	Cervicalgia	80,870	\$660	\$18	\$2	\$680
76	813.42	Other fracture of distal end of radius (alone)	5,142	\$659	\$195	\$5	\$858

Appendix G-Table 2 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: PT Users (Cont.)

ICD-9 \$ Rank PT	ICD-9 Code	Diagnosis Description	PT Users (N)	PT Paid Average	OT Paid Average	SLP Paid Average	Total Therapy Paid Average
77	722.4	Degeneration of cervical intervertebral disc	14,779	\$656	\$10	\$1	\$668
78	724.3	Sciatica	28,901	\$649	\$18	\$2	\$669
79	729.1	Myalgia and myositis, unspecified	20,406	\$639	\$34	\$4	\$677
80	836.0	Tear of medial cartilage or meniscus of knee, current	15,755	\$636	\$6	\$1	\$643
81	724.5	Backache, unspecified	40,774	\$626	\$23	\$4	\$653
82	726.5	Enthesopathy of hip region	21,619	\$626	\$20	\$2	\$648
83	724.1	Pain in thoracic spine	10,062	\$616	\$16	\$3	\$635
84	728.85	Spasm of muscle	18,316	\$596	\$26	\$3	\$624
85	845.00	Sprains and strains, ankle, unspecified site	7,465	\$580	\$52	\$4	\$635
86	719.47	Pain in joint, ankle and foot	16,576	\$572	\$19	\$2	\$592
87	V57.1	Other physical therapy	338,509	\$565	\$43	\$12	\$620
88	726.71	Achilles bursitis and tendonitis	7,822	\$563	\$9	\$1	\$573
89	V57.21	Occupational therapy encounter	8,115	\$557	\$559	\$67	\$1,183
90	782.3	Edema	6,317	\$523	\$70	\$9	\$603
91	354.0	Carpal Tunnel Syndrome	11,659	\$518	\$135	\$3	\$656
92	780.4	Dizziness and giddiness	12,256	\$457	\$78	\$17	\$551
93	726.90	Enthesopathy of unspecified site, capsulitis, peri-arthritis, tendonitis	8,856	\$436	\$22	\$2	\$460
94	V72.83	Other specified preoperative examination	5,957	\$387	\$22	\$2	\$410
95	728.71	Plantar fascial fibromatosis	24,055	\$380	\$8	\$1	\$389
96	726.73	Calcaneal spur	5,693	\$332	\$12	\$1	\$345
97	726.79	Peroneal tendonitis	5,206	\$299	\$8	\$1	\$308
98	386.11	Benign paroxysmal positional vertigo	5,195	\$241	\$16	\$3	\$260

Appendix G-Table 3 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: OT Users

ICD-9 \$ Rank OT	ICD-9 Code	Diagnosis Description	OT Users (N)	OT Paid Average	PT Paid Average	SLP Paid Average	Total Therapy Paid Average
		All OT Users	745,241	\$821	\$738	\$165	\$1,725
1	723.4	Brachia neuritis or radiculitis NOS	1,436	\$1,576	\$1,613	\$3	\$3,192
2	724.4	Thoracic or lumbosacral neuritis or radiculitis, unspecified	1,602	\$1,408	\$1,835	\$14	\$3,257
3	847.2	Sprains and strains, lumbar	1,477	\$1,345	\$1,815	\$32	\$3,192
4	715.09	Osteoarthritis, generalized, multiple sites	3,860	\$1,270	\$1,252	\$80	\$2,601
5	438.21	Hemiplegia affecting dominant side	2,832	\$1,199	\$1,032	\$431	\$2,662
6	438.22	Hemiplegia affecting nondominant side	2,746	\$1,172	\$1,059	\$263	\$2,494
7	728.2	Muscular wasting and disuse atrophy, not elsewhere classified	13,228	\$1,164	\$1,093	\$164	\$2,420
8	719.79	Difficulty in walking, multiple sites	3,186	\$1,127	\$1,377	\$196	\$2,700
9	812.00	Fracture of humerus, upper end, unspecified part, closed	2,156	\$1,125	\$655	\$46	\$1,826
10	820.21	Fracture of neck of femur, peritrochanteric, closed, intertrochanteric section	1,572	\$1,096	\$1,425	\$158	\$2,679
11	342.90	Hemiplegia, unspecified type, unspecified side affected	1,902	\$1,090	\$1,006	\$310	\$2,406
12	812.20	Fracture of humerus, unspecified part of humerus, closed	2,389	\$1,079	\$666	\$45	\$1,790
13	436	Acute, but ill-defined, cerebrovascular disease	32,726	\$1,078	\$1,006	\$433	\$2,517
14	250.01	Type I Diabetes Mellitus without mention of complication	2,525	\$1,077	\$912	\$256	\$2,245
15	728.9	Unspecified disorder of muscle, ligament, and fascia	9,857	\$1,076	\$999	\$169	\$2,243
16	719.76	Difficulty in walking, lower leg	1,402	\$1,066	\$1,413	\$139	\$2,618
17	719.70	Difficulty in walking, site unspecified	12,341	\$1,051	\$1,293	\$194	\$2,537
18	443.9	Peripheral vascular disease, unspecified	1,377	\$1,045	\$1,100	\$121	\$2,265
19	438.0	Late effects of cerebrovascular disease, cognitive deficits	5,678	\$1,040	\$798	\$335	\$2,172
20	401.9	Essential hypertension, unspecified type	5,625	\$1,038	\$909	\$231	\$2,178
21	434.91	Cerebral artery occlusion, unspecified, with cerebral infarction	2,198	\$1,034	\$1,066	\$603	\$2,702
22	820.8	Fracture of neck of femur, unspecified part, closed	6,612	\$1,022	\$1,182	\$160	\$2,365
23	781.2	Abnormality of gait	27,369	\$1,004	\$1,288	\$178	\$2,470
24	438.20	Hemiplegia affecting unspecified side	5,257	\$994	\$914	\$328	\$2,237
25	719.75	Difficulty in walking, pelvic region and thigh	1,704	\$985	\$1,340	\$162	\$2,487
26	781.3	Lack of coordination	5,391	\$979	\$858	\$150	\$1,987
27	250.00	Type II Diabetes Mellitus without mention of complication	5,580	\$976	\$842	\$239	\$2,057
28	332.0	Parkinson's Disease paralysis agitans	10,865	\$974	\$951	\$294	\$2,218
29	780.9	Other general symptoms	15,644	\$972	\$846	\$184	\$2,002
30	578.9	Hemorrhage of gastrointestinal tract, unspecified	1,344	\$968	\$793	\$201	\$1,961
31	414.00	Chronic ischemic heart disease, unspecified vessel, native or graft	1,795	\$966	\$851	\$179	\$1,996
32	428.0	Congestive Heart Failure, unspecified	9,939	\$957	\$895	\$176	\$2,029
33	715.90	Osteoarthritis, unspecified whether generalized or localized, site unspecified	9,522	\$950	\$913	\$105	\$1,968
34	715.00	Osteoarthritis, generalized, site unspecified	2,237	\$939	\$969	\$115	\$2,023
35	716.90	Arthropathy, unspecified, site unspecified	2,456	\$931	\$772	\$94	\$1,797
36	438.9	Unspecified late effects of cerebrovascular disease	3,708	\$928	\$813	\$295	\$2,036
37	780.79	Other malaise and fatigue	9,331	\$919	\$895	\$141	\$1,955
38	799.3	Debility, unspecified	15,224	\$911	\$848	\$158	\$1,917
39	718.49	Contracture of joint, multiple sites	2,570	\$906	\$281	\$169	\$1,356
40	599.0	Urinary tract infection, site not specified	3,480	\$901	\$778	\$248	\$1,928
41	729.89	Other musculoskeletal symptoms referable to limbs, other	3,233	\$890	\$726	\$162	\$1,778

Appendix G-Table 3 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: OT Users (Cont.)

ICD-9 \$ Rank OT	ICD-9 Code	Diagnosis Description	OT Users (N)	OT Paid Average	PT Paid Average	SLP Paid Average	Total Therapy Paid Average
42	486	Pneumonia, organism unspecified	5,347	\$887	\$819	\$256	\$1,962
43	733.00	Osteoporosis, unspecified	3,152	\$886	\$769	\$135	\$1,790
44	438.89	Other late effects of cerebrovascular disease	2,238	\$877	\$840	\$287	\$2,004
45	726.10	Disorders of bursae and tendons in shoulder region, unspecified	3,825	\$874	\$752	\$14	\$1,640
46	427.31	Atrial fibrillation	1,880	\$860	\$792	\$192	\$1,844
47	780.39	Other convulsions	1,360	\$856	\$724	\$282	\$1,862
48	311	Depressive disorder, not elsewhere classified	1,353	\$837	\$645	\$212	\$1,695
49	726.0	Adhesive capsulitis of shoulder	2,076	\$834	\$667	\$25	\$1,526
50	814.00	Fracture of carpal bone(s), closed, bone unspecified	3,352	\$829	\$263	\$17	\$1,109
51	719.46	Pain in joint, lower leg	2,547	\$824	\$1,321	\$40	\$2,184
52	V57.8 9	Other care involving rehabilitation procedures, multiple training or therapy	7,819	\$821	\$827	\$260	\$1,908
53	787.2	Dysphagia	15,537	\$818	\$583	\$819	\$2,221
54	724.2	Lumbago	7,379	\$810	\$1,216	\$41	\$2,067
55	707.0	Decubitus ulcer	2,547	\$796	\$1,074	\$168	\$2,038
56	783.3	feeding difficulties and mismanagement	2,640	\$794	\$272	\$248	\$1,314
57	496	Chronic airway obstruction, not elsewhere classified	6,716	\$794	\$740	\$130	\$1,664
58	340	Multiple sclerosis	3,658	\$794	\$720	\$153	\$1,667
59	813.41	Colles' fracture	2,974	\$793	\$172	\$5	\$970
60	729.9	Other and unspecified disorders of soft tissue	3,118	\$765	\$490	\$164	\$1,419
61	457.1	Other lymphadema	3,917	\$762	\$304	\$7	\$1,074
62	276.5	Disorders of fluid, electrolyte and acid-base balance, volume depletion	1,581	\$761	\$715	\$210	\$1,686
63	298.9	Nonorganic psychoses, unspecified psychosis	1,346	\$754	\$536	\$175	\$1,465
64	813.42	Other fracture of distal end of radius (alone)	4,707	\$731	\$161	\$6	\$897
65	435.9	Unspecified transient cerebral ischemia	2,566	\$716	\$710	\$222	\$1,648
66	840.4	Sprains and strains, shoulder, rotator cuff (capsule)	3,166	\$713	\$546	\$9	\$1,267
67	715.16	Osteoarthritis, localized, lower leg	1,385	\$711	\$1,207	\$36	\$1,954
68	780.2	Syncope and collapse	1,969	\$707	\$684	\$133	\$1,524
69	719.41	Pain in joint, shoulder region	6,777	\$700	\$542	\$28	\$1,270
70	718.44	Contracture of joint, hand	6,509	\$694	\$149	\$109	\$952
71	781.99	Other symptoms involving nervous and musculoskeletal symptoms	2,034	\$693	\$383	\$168	\$1,244
72	290.0	Senile dementia, uncomplicated	4,702	\$686	\$486	\$220	\$1,391
73	723.1	Cervicalgia	2,419	\$685	\$984	\$35	\$1,703
74	724.02	Spinal stenosis, lumbar region	1,463	\$682	\$1,196	\$51	\$1,929
75	780.4	Dizziness and giddiness	1,729	\$680	\$724	\$77	\$1,482
76	719.45	Pain in joint, pelvic region and thigh	1,868	\$670	\$1,017	\$66	\$1,752
77	331.0	Alzheimer's Disease	9,542	\$659	\$452	\$202	\$1,313
78	343.9	Infantile cerebral palsy, unspecified	1,352	\$658	\$439	\$188	\$1,286
79	719.54	Stiffness in joint, not elsewhere classified, hand	1,501	\$649	\$146	\$28	\$822
80	781.92	Abnormal posture	8,354	\$647	\$247	\$160	\$1,054
81	294.8	Other specified organic brain syndromes (chronic)	4,197	\$640	\$463	\$191	\$1,294
82	729.1	Myalgia and myositis, unspecified	1,397	\$625	\$769	\$39	\$1,434
83	715.96	Osteoarthritis, unspecified whether generalized or localized, lower leg	3,006	\$619	\$1,156	\$25	\$1,800
84	728.6	Contracture of palmar fascia, Dupuytren's contracture	3,375	\$609	\$73	\$3	\$685
85	724.5	Backache, unspecified	1,747	\$590	\$877	\$56	\$1,523
86	V57.3	Speech therapy	1,491	\$588	\$443	\$842	\$1,873
87	714.0	Rheumatoid arthritis	4,979	\$583	\$381	\$30	\$994
88	729.5	Pain in limb	5,355	\$576	\$442	\$30	\$1,049
89	V57.1	Other physical therapy	31,739	\$572	\$662	\$95	\$1,329

Appendix G-Table 3 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: OT Users (Cont.)

ICD-9 \$ Rank OT	ICD-9 Code	Diagnosis Description	OT Users (N)	OT Paid Average	PT Paid Average	SLP Paid Average	Total Therapy Paid Average
90	726.2	Other affections of shoulder region, not elsewhere classified	1,785	\$562	\$418	\$8	\$988
91	719.44	Pain in joint, hand	3,419	\$524	\$175	\$15	\$714
92	719.43	Pain in joint, forearm	2,201	\$521	\$173	\$8	\$703
93	V57.2 1	Occupational therapy encounter	30,178	\$495	\$134	\$31	\$661
94	727.05	Other tenosynovitis of hand or wrist	1,543	\$478	\$186	\$2	\$665
95	354.0	Carpal Tunnel Syndrome	12,189	\$407	\$140	\$3	\$550
96	727.03	Trigger finger (acquired)	3,031	\$400	\$109	\$2	\$511
97	716.94	Arthropathy, unspecified, hand	1,313	\$380	\$127	\$9	\$516
98	715.14	Osteoarthritis, localized, primary, hand	2,253	\$362	\$122	\$1	\$486
99	715.94	Osteoarthritis, unspecified whether generalized or localized, hand	2,835	\$359	\$146	\$5	\$509
100	V72.8 3	Other specified preoperative examination	1,664	\$91	\$351	\$5	\$446

Appendix G-Table 4 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: SLP Users

ICD-9 \$ Rank SLP	ICD-9 Code	Diagnosis Description	SLP Users (N)	SLP Paid Average	PT Paid Average	OT Paid Average	Total Therapy Paid Average
		All SLP Users	367,783	\$643	\$499	\$396	\$1,537
1	438.11	Late effects of cerebrovascular disease, aphasia	1,692	\$1,122	\$306	\$289	\$1,717
2	438.21	Late effects of cerebrovascular disease, hemiplegia affecting dominant side	1,300	\$1,121	\$1,086	\$1,057	\$3,264
3	784.3	Aphasia	3,202	\$1,117	\$252	\$212	\$1,581
4	431	Intracerebral hemorrhage	715	\$1,106	\$973	\$887	\$2,966
5	436	Acute, but ill-defined, cerebrovascular disease	22,411	\$986	\$765	\$690	\$2,441
6	784.60	Symbolic dysfunction, unspecified	875	\$973	\$361	\$305	\$1,640
7	784.69	Other symbolic dysfunctions	622	\$964	\$388	\$283	\$1,635
8	434.91	Cerebral artery occlusion, unspecified, with cerebral infarction	1,697	\$960	\$1,029	\$920	\$2,909
9	342.90	Hemiplegia, unspecified type, unspecified side	831	\$946	\$952	\$875	\$2,773
10	438.0	Late effects of cerebrovascular disease, cognitive deficits	3,417	\$933	\$629	\$620	\$2,182
11	854.00	Intracranial injury of other and unspecified nature, without mention of open intracranial wound	531	\$914	\$838	\$791	\$2,543
12	438.22	Late effects of cerebrovascular disease, hemiplegia affecting nondominant side	1,029	\$906	\$1,074	\$1,012	\$2,993
13	718.49	Contracture of joint, multiple sites	565	\$902	\$532	\$917	\$2,351
14	438.20	Late effects of cerebrovascular disease, hemiplegia affecting unspecified side	2,496	\$896	\$901	\$819	\$2,617
15	719.75	Difficulty in walking, pelvic region and thigh	460	\$892	\$1,297	\$664	\$2,853
16	438.10	Late effects of cerebrovascular disease, speech and language deficit, unspecified	555	\$880	\$382	\$324	\$1,586
17	719.79	Difficulty in walking, multiple sites	1,034	\$876	\$1,390	\$868	\$3,134
18	729.89	Other musculoskeletal symptoms referable to limbs	691	\$873	\$980	\$950	\$2,802
19	518.81	Acute respiratory failure	921	\$871	\$1,127	\$693	\$2,691
20	250.01	Type I Diabetes Mellitus without mention of complication	1,372	\$869	\$636	\$575	\$2,079
21	437.9	Unspecified cerebrovascular disease or lesion	442	\$860	\$665	\$588	\$2,113
22	728.2	Muscular wasting and disuse atrophy, not elsewhere classified	3,072	\$846	\$1,240	\$1,087	\$3,174
23	728.9	Unspecified disorder of muscle, ligament, and fascia	2,419	\$845	\$1,173	\$961	\$2,980
24	780.9	Other general symptoms	4,231	\$841	\$902	\$870	\$2,614
25	V57.89	Other care involving rehabilitation procedures, multiple training or therapy	2,944	\$836	\$951	\$911	\$2,698
26	438.89	Other late effects of cerebrovascular disease	1,123	\$827	\$721	\$641	\$2,190
27	438.9	Unspecified late effects of cerebrovascular disease	2,136	\$826	\$623	\$555	\$2,004
28	438.12	Late effects of cerebrovascular disease, dysphasia	665	\$810	\$355	\$289	\$1,453
29	715.00	Osteoarthritis, generalized, site unspecified	444	\$804	\$1,088	\$758	\$2,650
30	781.3	Lack of coordination	1,291	\$802	\$971	\$805	\$2,578
31	250.00	Type II Diabetes Mellitus without mention of complication	3,061	\$793	\$540	\$491	\$1,824
32	719.70	Difficulty in walking, site unspecified	4,384	\$790	\$1,244	\$783	\$2,818
33	401.9	Essential hypertension, unspecified	2,935	\$785	\$629	\$571	\$1,985
34	781.99	Other symptoms involving nervous and musculoskeletal systems	526	\$774	\$503	\$719	\$1,996
35	781.2	Abnormality of gait	9,546	\$771	\$1,198	\$672	\$2,640
36	781.92	Abnormal posture	1,875	\$767	\$382	\$753	\$1,902
37	332.0	Parkinson's Disease, paralysis agitans	7,047	\$763	\$733	\$546	\$2,043
38	715.09	Osteoarthritis, generalized, multiple sites	565	\$762	\$1,179	\$864	\$2,805
39	729.9	Other and unspecified disorders of soft tissues	772	\$756	\$615	\$793	\$2,164
40	799.3	Debility, unspecified	4,251	\$755	\$903	\$756	\$2,414

Appendix G-Table 4 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: SLP Users (Cont.)

ICD-9 \$ Rank SLP	ICD-9 Code	Diagnosis Description	SLP Users (N)	SLP Paid Average	PT Paid Average	OT Paid Average	Total Therapy Paid Average
41	311	Depressive disorder, not elsewhere classified	668	\$750	\$578	\$507	\$1,835
42	733.00	Osteoporosis, unspecified	844	\$747	\$794	\$668	\$2,209
43	718.44	Contracture of joint, hand	1,015	\$743	\$270	\$902	\$1,915
44	780.79	Other malaise and fatigue	2,377	\$742	\$912	\$752	\$2,406
45	343.9	Infantile cerebral palsy, unspecified	582	\$741	\$387	\$477	\$1,605
46	820.21	Fracture of neck of femur, pertrochanteric, closed, intertrochanteric section	526	\$737	\$1,196	\$795	\$2,728
47	443.9	Peripheral vascular disease, unspecified	411	\$733	\$899	\$719	\$2,351
48	780.39	Other convulsions	929	\$733	\$450	\$414	\$1,597
49	715.90	Osteoarthroses, unspecified whether generalized or localized, site unspecified	1,974	\$727	\$866	\$710	\$2,303
50	820.8	Fracture of neck of femur, unspecified part of neck, closed	2,503	\$724	\$829	\$583	\$2,136
51	716.90	Arthropathy, unspecified, site unspecified	530	\$718	\$797	\$781	\$2,296
52	599.0	Chronic pyelonephritis	2,180	\$718	\$519	\$455	\$1,692
53	578.9	Hemorrhage of gastrointestinal tract, unspecified	798	\$707	\$570	\$484	\$1,762
54	719.76	Difficulty in walking, lower leg	428	\$706	\$1,284	\$741	\$2,731
55	414.00	Chronic ischemic heart disease of unspecified type of vessel, native or graft	924	\$705	\$561	\$461	\$1,727
56	V57.21	Occupational therapy encounter	1,443	\$702	\$447	\$697	\$1,846
57	340	Multiple sclerosis	1,282	\$692	\$588	\$563	\$1,843
58	428.0	Congestive Heart Failure, unspecified	4,469	\$690	\$627	\$517	\$1,834
59	496	Chronic airway obstruction, not elsewhere classified	2,408	\$683	\$562	\$452	\$1,697
60	707.0	Decubitus ulcer	1,102	\$682	\$963	\$457	\$2,101
61	294.10	Dementia in conditions classified elsewhere without behavioral disturbance	764	\$678	\$345	\$370	\$1,393
62	285.9	Anemia, unspecified	551	\$667	\$486	\$475	\$1,628
63	427.31	Atrial fibrillation	978	\$662	\$548	\$438	\$1,648
64	038.9	Unspecified septicemia	544	\$662	\$484	\$367	\$1,513
65	784.5	Other speech disturbance	4,039	\$653	\$189	\$121	\$963
66	486	Pneumonia, unspecified	4,392	\$649	\$467	\$386	\$1,502
67	783.3	feeding difficulties and mismanagement	1,646	\$645	\$264	\$446	\$1,355
68	435.9	Unspecified transient cerebral ischemia	1,727	\$643	\$504	\$402	\$1,549
69	780.2	Syncope and collapse	828	\$640	\$557	\$422	\$1,620
70	244.9	Unspecified acquired hypothyroidism	444	\$639	\$585	\$497	\$1,721
71	290.10	Presenile dementia, uncomplicated	533	\$639	\$353	\$359	\$1,351
72	438.82	Late effects of cerebrovascular disease, dysphagia	2,661	\$625	\$204	\$200	\$1,029
73	276.5	Disorders of fluid, electrolyte, and acid-base balance, volume depletion	1,026	\$623	\$487	\$423	\$1,533
74	V57.1	Other physical therapy	7,724	\$620	\$753	\$440	\$1,813
75	298.9	Unspecified psychosis	839	\$619	\$345	\$350	\$1,314
76	290.40	Arteriosclerotic dementia, uncomplicated	685	\$600	\$377	\$362	\$1,338
77	290.0	Senile dementia, uncomplicated	3,964	\$589	\$312	\$285	\$1,186
78	780.4	Dizziness and giddiness	403	\$581	\$863	\$494	\$1,937
79	331.0	Alzheimer's Disease	7,545	\$574	\$316	\$282	\$1,172
80	729.5	Pain in limb	458	\$565	\$905	\$483	\$1,953
81	294.8	Other specific organic brain syndromes (chronic)	3,063	\$562	\$317	\$310	\$1,189
82	507.0	Pneumonitis due to solids and liquids due to inhalation of food or vomitus	1,841	\$539	\$312	\$240	\$1,091
83	719.41	Pain in joint, shoulder region	572	\$539	\$976	\$487	\$2,002
84	724.2	Lumbago	1,152	\$508	\$1,052	\$314	\$1,874
85	V57.3	Speech therapy	12,630	\$503	\$107	\$67	\$677
86	784.41	Aphonia	410	\$480	\$115	\$66	\$661
87	787.2	Dysphagia	101,201	\$472	\$143	\$112	\$727
88	319	Unspecified mental retardation	454	\$450	\$238	\$159	\$847

Appendix G-Table 4 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: SLP Users (Cont.)

ICD-9 \$ Rank SLP	ICD-9 Code	Diagnosis Description	SLP Users (N)	SLP Paid Average	PT Paid Average	OT Paid Average	Total Therapy Paid Average
89	723.1	Cervicalgia	482	\$397	\$942	\$212	\$1,551
90	784.40	Voice disturbance, unspecified	525	\$394	\$149	\$38	\$581
91	161.9	Malignant neoplasm of larynx, unspecified	599	\$349	\$58	\$17	\$424
92	478.30	Paralysis of vocal cords or larynx, unspecified	494	\$346	\$79	\$13	\$439
93	530.81	Esophageal reflux	1,105	\$338	\$174	\$119	\$630
94	335.20	Amyotrophic lateral sclerosis	651	\$330	\$304	\$221	\$855
95	784.49	Other voice disturbance	3,105	\$327	\$92	\$23	\$442
96	478.5	Other diseases of vocal cords	495	\$314	\$96	\$19	\$429
97	389.10	Sensorineural hearing loss, unspecified	548	\$294	\$106	\$21	\$421
98	786.2	Cough	1,784	\$226	\$97	\$58	\$381
99	933.1	Foreign body in larynx, choking due to food/phlegm	683	\$214	\$115	\$50	\$380
100	784.9	Other systems involving head and neck, choking sensation	597	\$198	\$62	\$31	\$291

Appendix G-Table 5 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: PT/SLP Users

ICD-9 \$ Rank PT/SLP	ICD-9 Code	Diagnosis Description	PT/SLP Users (N)	PT/SLP Paid Average	PT Paid Average	OT Paid Average	SLP Paid Average	Total Therapy Paid Average
		All PT/SLP Users	3,503,136	\$783	\$715	\$136	\$67	\$919
1	436	Acute, but ill-defined, cerebrovascular disease	56,969	\$1,360	\$973	\$549	\$388	\$1,910
2	438.0	Late effects of cerebrovascular disease, cognitive deficits	7,366	\$1,338	\$905	\$638	\$433	\$1,976
3	438.20	Late effects of cerebrovascular disease, hemiplegia affecting unspecified side	7,203	\$1,252	\$942	\$640	\$311	\$1,893
4	707.0	Decubitus ulcer	6,437	\$1,248	\$1,132	\$254	\$117	\$1,503
5	715.09	Osteoarthritis, generalized, multiple sites	11,401	\$1,239	\$1,202	\$382	\$38	\$1,621
6	780.9	Other general symptoms	19,045	\$1,198	\$1,012	\$653	\$187	\$1,852
7	820.8	Fracture of neck of femur, unspecified part, closed	16,618	\$1,181	\$1,072	\$365	\$109	\$1,546
8	719.79	Difficulty in walking, multiple sites	9,069	\$1,163	\$1,063	\$389	\$100	\$1,552
9	332.0	Parkinson's Disease, paralysis agitans	23,690	\$1,155	\$928	\$386	\$227	\$1,540
10	438.9	Late effects of cerebrovascular disease, unspecified late effects of cerebrovascular disease	5,792	\$1,150	\$845	\$501	\$305	\$1,651
11	715.00	Osteoarthritis, generalized, site unspecified	8,628	\$1,145	\$1,104	\$199	\$41	\$1,344
12	401.9	Essential hypertension, unspecified	9,836	\$1,116	\$882	\$504	\$234	\$1,620
13	728.2	Muscular wasting and disuse atrophy, not elsewhere classified	30,816	\$1,100	\$1,016	\$428	\$84	\$1,528
14	719.70	Difficulty in walking, site unspecified	33,551	\$1,096	\$993	\$380	\$103	\$1,476
15	V43.65	Joint replacement, knee	21,153	\$1,093	\$1,091	\$15	\$1	\$1,108
16	799.3	Debility, unspecified	23,519	\$1,070	\$933	\$492	\$137	\$1,562
17	727.61	Complete rupture of rotator cuff, non-traumatic	12,194	\$1,053	\$1,051	\$24	\$1	\$1,077
18	250.00	Type II Diabetes Mellitus or unspecified type, not stated as uncontrolled, without mention of complication	9,979	\$1,048	\$805	\$448	\$243	\$1,496
19	719.76	Difficulty in walking, lower leg	6,326	\$1,045	\$997	\$231	\$48	\$1,276
20	812.20	Fracture of humerus, unspecified part	6,640	\$1,043	\$1,019	\$252	\$25	\$1,295
21	719.75	Difficulty in walking, pelvic region and thigh	6,202	\$1,039	\$973	\$268	\$66	\$1,307
22	728.9	Unspecified disorder of muscle, ligament, and fascia	25,793	\$1,025	\$945	\$353	\$79	\$1,377
23	812.00	Fracture of humerus, upper end, unspecified part	9,115	\$1,006	\$992	\$159	\$14	\$1,165
24	428.0	Congestive Heart Failure, unspecified	17,320	\$999	\$821	\$472	\$178	\$1,471
25	V43.64	Joint replacement, hip	7,865	\$999	\$992	\$45	\$6	\$1,044
26	781.2	Abnormality of gait	117,260	\$990	\$927	\$227	\$63	\$1,217
27	340	Multiple sclerosis	7,944	\$986	\$874	\$291	\$112	\$1,277
28	781.3	Lack of coordination	13,152	\$977	\$899	\$322	\$79	\$1,299
29	844.9	Sprains and strains, knee and leg, unspecified site	8,583	\$977	\$975	\$169	\$2	\$1,147
30	599.0	Urinary tract infection, site not specified	6,144	\$968	\$714	\$417	\$255	\$1,385
31	715.90	Osteoarthritis, unspecified whether generalized or localized, site unspecified	28,341	\$957	\$906	\$262	\$51	\$1,218
32	486	Pneumonia, organism unspecified	10,388	\$952	\$678	\$387	\$274	\$1,339
33	716.90	Arthropathy, unspecified, site unspecified	5,743	\$934	\$868	\$302	\$66	\$1,236

Appendix G-Table 5 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: PT/SLP Users (Cont.)

ICD-9 \$ Rank PT/SLP	ICD-9 Code	Diagnosis Description	PT/SLP Users (N)	PT/SLP Paid Average	PT Paid Average	OT Paid Average	SLP Paid Average	Total Therapy Paid Average
34	840.4	Sprains and strains, rotator cuff (capsule)	42,070	\$928	\$926	\$26	\$2	\$953
35	715.16	Osteoarthritis, localized, primary, lower leg	37,813	\$920	\$918	\$25	\$2	\$945
36	780.79	Other malaise and fatigue	21,056	\$918	\$834	\$352	\$84	\$1,270
37	715.96	Osteoarthritis, unspecified whether generalized or localized, lower leg	45,430	\$882	\$879	\$38	\$3	\$920
38	V57.89	Other specified rehabilitation procedure, other	18,537	\$873	\$740	\$314	\$133	\$1,188
39	715.91	Osteoarthritis, unspecified whether generalized or localized, shoulder region	6,421	\$872	\$868	\$74	\$4	\$947
40	729.89	Other musculoskeletal symptoms referable to limbs, other	6,168	\$868	\$771	\$372	\$98	\$1,240
41	840.9	Sprains and strains, unspecified part of shoulder and upper arm	10,266	\$864	\$862	\$134	\$2	\$998
42	457.1	Other lymphadema	9,194	\$859	\$854	\$114	\$4	\$973
43	290.0	Senile dementia, uncomplicated	8,014	\$852	\$560	\$301	\$291	\$1,152
44	496	Chronic airway obstruction, not elsewhere classified	14,817	\$849	\$738	\$303	\$111	\$1,152
45	726.11	Calcifying tendonitis of shoulder	8,160	\$844	\$842	\$69	\$1	\$913
46	726.0	Adhesive capsulitis of shoulder	27,245	\$829	\$826	\$36	\$3	\$866
47	715.36	Osteoarthritis, localized, unspecified whether primary or secondary, lower leg	12,362	\$828	\$825	\$50	\$3	\$877
48	722.6	Degeneration of intervertebral disc, site unspecified	6,434	\$816	\$811	\$26	\$5	\$842
49	724.4	Thoracic or lumbosacral neuritis or radiculitis, unspecified	33,267	\$815	\$814	\$67	\$1	\$882
50	715.15	Osteoarthritis, localized, primary, pelvic region and thigh	9,414	\$813	\$811	\$26	\$2	\$839
51	733.00	Osteoporosis, unspecified	8,190	\$812	\$735	\$271	\$77	\$1,084
52	719.46	Pain in joint, lower leg	77,844	\$811	\$808	\$26	\$2	\$837
53	331.0	Alzheimer's Disease	15,796	\$805	\$531	\$288	\$274	\$1,094
54	715.98	Osteoarthritis, unspecified whether generalized or localized, other specified sites	5,753	\$800	\$789	\$80	\$11	\$880
55	723.4	Brachia neuritis or radiculotitis NOS	16,514	\$800	\$799	\$124	\$1	\$924
56	724.02	Spinal stenosis, other than cervical, lumbar region	41,374	\$788	\$785	\$22	\$3	\$811
57	294.8	Other specified organic brain syndromes (chronic)	6,546	\$785	\$522	\$313	\$263	\$1,098
58	847.2	Sprains and strains, lumbar	33,159	\$783	\$781	\$59	\$2	\$842
59	721.90	Spondylosis of unspecified site, without mention of myelopathy	10,190	\$776	\$772	\$41	\$4	\$817
60	726.10	Disorders of bursae and tendons in shoulder region, not elsewhere classified	43,578	\$772	\$770	\$51	\$2	\$823
61	724.00	Spinal stenosis, other than cervical, unspecified region	10,693	\$772	\$761	\$69	\$11	\$840
62	715.95	Osteoarthritis, unspecified whether generalized or localized, pelvic region and thigh	12,396	\$758	\$753	\$38	\$5	\$796
63	721.3	Lumbosacral spondylosis without myelopathy	19,147	\$758	\$756	\$31	\$2	\$789
64	824.8	Fracture of ankle, unspecified, closed	5,885	\$757	\$743	\$106	\$14	\$863

Appendix G-Table 5 Ranking of Average Annual Therapy Expenditures for Most Frequently Observed Diagnoses: PT/SLP Users (Cont.)

ICD-9 \$ Rank PT/SLP	ICD-9 Code	Diagnosis Description	PT/SLP Users (N)	PT/SLP Paid Average	PT Paid Average	OT Paid Average	SLP Paid Average	Total Therapy Paid Average
65	714.0	Rheumatoid arthritis	8,747	\$755	\$732	\$193	\$23	\$948
66	719.41	Pain in joint, shoulder region	87,551	\$755	\$751	\$31	\$4	\$786
67	722.10	Displacement of lumbar intervertebral disc without myelopathy	18,590	\$743	\$742	\$12	\$1	\$755
68	726.2	Other affections of shoulder region, not elsewhere classified	23,947	\$733	\$731	\$19	\$1	\$752
69	847.1	Sprains and strains, thoracic	6,512	\$729	\$727	\$14	\$1	\$743
70	724.2	Lumbago	219,672	\$718	\$716	\$26	\$3	\$744
71	847.0	Sprains and strains, neck	30,239	\$707	\$705	\$32	\$2	\$739
72	721.0	Cervical spondylosis without myelopathy	17,798	\$694	\$691	\$29	\$3	\$723
73	719.45	Pain in joint, pelvic region and thigh	40,910	\$687	\$681	\$28	\$6	\$715
74	729.5	Pain in limb	43,705	\$684	\$678	\$41	\$6	\$724
75	846.0	Sprains and strains, lumbosacral (joint) (ligament)	12,079	\$677	\$676	\$52	\$1	\$729
76	722.52	Degeneration of lumbar or lumbosacral intervertebral disc	34,824	\$675	\$674	\$11	\$1	\$686
77	723.1	Cervicalgia	80,907	\$662	\$660	\$18	\$2	\$680
78	722.4	Degeneration of cervical intervertebral disc	14,787	\$657	\$656	\$10	\$2	\$668
79	724.3	Sciatica	28,905	\$650	\$649	\$18	\$2	\$669
80	729.1	Myalgia and myositis, unspecified	20,428	\$643	\$639	\$34	\$4	\$677
81	836.0	Tear of medial cartilage or meniscus of knee, current	15,756	\$637	\$636	\$6	\$1	\$643
82	724.5	Backache, unspecified	40,824	\$630	\$625	\$23	\$5	\$653
83	V57.21	Occupational therapy encounter	8,792	\$629	\$514	\$551	\$115	\$1,180
84	726.5	Enthesopathy of hip region	21,623	\$628	\$626	\$20	\$2	\$648
85	724.1	Pain in thoracic spine	10,070	\$618	\$615	\$16	\$3	\$634
86	V57.3	Speech therapy	12,782	\$609	\$111	\$68	\$497	\$677
87	787.2	Dysphagia	107,730	\$601	\$158	\$113	\$444	\$715
88	728.85	Spasm of muscle	18,343	\$598	\$595	\$26	\$4	\$625
89	845.00	Sprains and strains, ankle, unspecified site	7,470	\$584	\$579	\$52	\$5	\$636
90	V57.1	Other physical therapy	339,701	\$577	\$563	\$43	\$14	\$620
91	719.47	Pain in joint, ankle and foot	16,587	\$573	\$571	\$19	\$2	\$592
92	726.71	Achilles bursitis and tendonitis	7,822	\$564	\$563	\$9	\$1	\$573
93	782.3	Edema	6,391	\$533	\$517	\$73	\$16	\$606
94	354.0	Carpal Tunnel Syndrome	11,703	\$520	\$516	\$136	\$4	\$656
95	780.4	Dizziness and giddiness	12,349	\$473	\$454	\$78	\$19	\$551
96	726.90	Enthesopathy of unspecified site, capsulitis, peri-arthritis, tendonitis	8,858	\$438	\$436	\$22	\$3	\$460
97	V72.83	Other specified preoperative examination	5,981	\$388	\$385	\$22	\$2	\$409
98	728.71	Plantar fascial fibromatosis	24,056	\$381	\$380	\$8	\$1	\$390
99	726.73	Calcaneal spur	5,695	\$332	\$331	\$12	\$1	\$345

Appendix G-Table 6 Ranking of Average Annual Therapy Expenditures for the Top 5% High Expenditure Users within the Most Frequently Observed Diagnoses: All Therapy Users

ICD-9 \$ Rank Top 5%	ICD-9 Code	Diagnosis Description	Top 5% Users (N)	Total Therapy Paid Average Top 5%	PT Paid Average Top 5%	OT Paid Average Top 5%	SLP Paid Average Top 5%
		Top 5% Expenditure Users	187,436	\$5,430	\$3,345	\$1,560	\$525
1	434.91	Cerebral artery occlusion, unspecified, with cerebral infarction	656	\$6,784	\$2,679	\$2,415	\$1,690
2	518.81	Acute respiratory failure	345	\$6,737	\$3,255	\$2,121	\$1,361
3	707.0	Decubitus ulcer	847	\$6,402	\$4,795	\$1,221	\$385
4	438.21	Late effects of cerebrovascular disease, hemiplegia affecting dominant side	903	\$6,139	\$2,639	\$2,384	\$1,116
5	715.09	Osteoarthritis, generalized, multiple sites	1,590	\$6,115	\$3,945	\$2,019	\$151
6	342.90	Hemiplegia, unspecified	591	\$6,101	\$3,090	\$2,136	\$874
7	438.22	Late effects of cerebrovascular disease, hemiplegia affecting nondominant side	779	\$6,089	\$2,906	\$2,472	\$710
8	436	Acute, but ill-defined, cerebrovascular disease	10,316	\$6,086	\$2,782	\$2,087	\$1,218
9	443.9	Peripheral vascular disease, unspecified	400	\$5,994	\$3,652	\$2,030	\$312
10	840.9	Sprains and strains, unspecified part of shoulder and upper arm	635	\$5,985	\$4,154	\$1,823	\$8
11	844.9	Sprains and strains, knee and leg, unspecified site	757	\$5,975	\$4,373	\$1,590	\$12
12	438.20	Late effects of cerebrovascular disease, hemiplegia affecting unspecified side	1,299	\$5,970	\$2,671	\$2,290	\$1,009
13	V57.89	Other specified rehabilitation procedure, other	1,532	\$5,944	\$2,713	\$2,258	\$974
14	438.0	Late effects of cerebrovascular disease, cognitive deficits	1,390	\$5,923	\$2,560	\$2,228	\$1,136
15	250.01	Type I Diabetes Mellitus, not stated as uncontrolled, without mention of complication	664	\$5,871	\$2,827	\$2,216	\$829
16	715.90	Osteoarthritis, unspecified whether generalized or localized, site unspecified	2,443	\$5,853	\$3,615	\$1,965	\$273
17	332.0	Parkinson's Disease, paralysis agitans	3,037	\$5,822	\$3,026	\$1,936	\$860
18	780.79	Other malaise and fatigue	1,962	\$5,795	\$3,068	\$2,242	\$485
19	820.21	Fracture of neck of femur, pertrochanteric, closed, intertrochanteric section	558	\$5,750	\$3,412	\$1,961	\$377
20	784.3	Aphasia	452	\$5,730	\$1,206	\$1,091	\$3,433
21	401.9	Essential hypertension, unspecified	1,448	\$5,702	\$2,783	\$2,196	\$723
22	414.00	Other forms of ischemic heart disease, of unspecified type of vessel, native or graft	415	\$5,679	\$2,817	\$2,199	\$663
23	728.2	Muscular wasting and disuse atrophy, not elsewhere classified	4,239	\$5,652	\$3,181	\$2,086	\$385
24	428.0	Congestive Heart Failure, unspecified	2,199	\$5,643	\$2,786	\$2,279	\$578
25	438.9	Late effects of cerebrovascular disease, unspecified late effects of cerebrovascular disease	883	\$5,635	\$2,591	\$2,084	\$960
26	780.9	Other general symptoms	3,378	\$5,618	\$2,725	\$2,291	\$603
27	729.9	Other and unspecified disorders of soft tissue	392	\$5,610	\$2,654	\$2,281	\$674
28	820.8	Fracture of neck of femur, unspecified part, closed	2,048	\$5,603	\$3,308	\$1,903	\$392
29	340	Multiple sclerosis	823	\$5,599	\$3,387	\$1,717	\$495
30	799.3	Debility, unspecified	3,072	\$5,583	\$2,900	\$2,150	\$533
31	438.89	Late effects of cerebrovascular disease, unspecified late effects of cerebrovascular disease	485	\$5,577	\$2,529	\$2,107	\$941
32	781.3	Lack of coordination	1,321	\$5,570	\$3,135	\$1,971	\$463
33	250.00	Type II Diabetes Mellitus or unspecified type, not stated as uncontrolled, without mention of complication	1,349	\$5,570	\$2,736	\$2,078	\$755
34	728.9	Unspecified disorder of muscle, ligament, and fascia	2,809	\$5,554	\$3,047	\$2,051	\$455
35	723.4	Brachia neuritis or radiculotis NOS	900	\$5,549	\$3,688	\$1,858	\$3
36	486	Pneumonia, organism unspecified	1,202	\$5,539	\$2,630	\$2,040	\$869
37	427.31	Atrial fibrillation	365	\$5,534	\$2,718	\$2,161	\$656

Appendix G-Table 6 Ranking of Average Annual Therapy Expenditures for the Top 5% High Expenditure Users within the Most Frequently Observed Diagnoses: All Therapy Users (Cont.)

ICD-9 \$ Rank Top 5%	ICD-9 Code	Diagnosis Description	Top 5% Users (N)	Total Therapy Paid Average Top 5%	PT Paid Average Top 5%	OT Paid Average Top 5%	SLP Paid Average Top 5%
38	729.89	Other musculoskeletal symptoms referable to limbs, other	567	\$5,526	\$2,556	\$2,331	\$639
39	716.90	Arthropathy, unspecified, site unspecified	568	\$5,525	\$3,115	\$2,092	\$319
40	599.0	Urinary tract infection, site not specified	756	\$5,522	\$2,595	\$2,061	\$866
41	726.60	Enthesopathy of knee, unspecified	347	\$5,512	\$3,495	\$2,007	\$10
42	435.9	Unspecified transient cerebral ischemia	484	\$5,504	\$2,664	\$1,915	\$925
43	714.0	Rheumatoid arthritis	518	\$5,488	\$3,558	\$1,756	\$174
44	719.79	Difficulty in walking, multiple sites	1,149	\$5,464	\$3,018	\$1,942	\$504
45	715.00	Osteoarthritis, generalized, site unspecified	899	\$5,432	\$3,925	\$1,277	\$230
46	787.2	Dysphagia	4,776	\$5,429	\$1,606	\$1,406	\$2,417
47	729.5	Pain in limb	1,470	\$5,375	\$4,728	\$581	\$67
48	719.70	Difficulty in walking, site unspecified	4,000	\$5,370	\$2,951	\$1,922	\$497
49	781.2	Abnormality of gait	10,159	\$5,365	\$3,344	\$1,617	\$405
50	726.11	Calcifying tendonitis of shoulder	332	\$5,327	\$4,027	\$1,281	\$19
51	847.2	Sprains and strains, lumbar	1,520	\$5,314	\$4,332	\$954	\$28
52	821.00	Fracture of unspecified part of femur	375	\$5,298	\$3,502	\$1,495	\$301
53	780.2	Syncope and collapse	321	\$5,286	\$2,793	\$1,915	\$577
54	729.1	Myalgia and myositis, unspecified	536	\$5,270	\$4,515	\$684	\$72
55	733.00	Osteoporosis, unspecified	639	\$5,254	\$2,733	\$2,054	\$468
56	721.3	Lumbosacral spondylosis without myelopathy	607	\$5,247	\$4,571	\$663	\$13
57	719.76	Difficulty in walking, lower leg	557	\$5,230	\$3,280	\$1,681	\$270
58	781.92	Abnormal posture	613	\$5,222	\$1,984	\$2,334	\$904
59	719.46	Pain in joint, lower leg	2,642	\$5,222	\$4,689	\$499	\$34
60	846.0	Sprains and strains, lumbosacral (joint) (ligament)	403	\$5,219	\$3,988	\$1,221	\$10
61	719.75	Difficulty in walking, pelvic region and thigh	574	\$5,213	\$3,124	\$1,664	\$425
62	496	Chronic airway obstruction, not elsewhere classified	1,307	\$5,212	\$2,798	\$1,905	\$509
63	724.2	Lumbago	6,558	\$5,210	\$4,632	\$538	\$41
64	723.1	Cervicalgia	1,878	\$5,186	\$4,736	\$411	\$39
65	V57.3	Speech therapy	442	\$5,176	\$1,164	\$1,001	\$3,011
66	294.8	Other specified organic brain syndromes (chronic)	501	\$5,154	\$2,323	\$1,968	\$863
67	719.45	Pain in joint, pelvic region and thigh	961	\$5,147	\$4,432	\$616	\$99
68	724.4	Thoracic or lumbosacral neuritis or radiculitis, unspecified	1,522	\$5,142	\$4,001	\$1,127	\$14
69	V57.21	Occupational therapy encounter	811	\$5,141	\$1,593	\$2,943	\$604
70	715.96	Osteoarthritis, unspecified whether generalized or localized, lower leg	1,697	\$5,132	\$4,380	\$713	\$39
71	290.0	Senile dementia, uncomplicated	639	\$5,132	\$2,331	\$1,875	\$926
72	724.5	Backache, unspecified	969	\$5,128	\$4,572	\$453	\$104
73	457.1	Other lymphadema	504	\$5,124	\$3,564	\$1,520	\$40
74	728.85	Spasm of muscle	488	\$5,103	\$4,442	\$608	\$53
75	847.0	Sprains and strains, neck	944	\$5,077	\$4,336	\$716	\$25
76	719.41	Pain in joint, shoulder region	2,545	\$5,003	\$4,389	\$558	\$56
77	812.00	Fracture of humerus, upper end, unspecified part	610	\$4,992	\$3,184	\$1,692	\$115
78	715.36	Osteoarthritis, localized, unspecified whether primary or secondary, lower leg	419	\$4,980	\$4,032	\$903	\$44
79	724.00	Spinal stenosis, other than cervical, unspecified region	376	\$4,958	\$3,644	\$1,150	\$164
80	718.44	Contracture of joint, hand	358	\$4,944	\$1,503	\$2,553	\$889
81	812.20	Fracture of humerus, unspecified part	602	\$4,936	\$2,943	\$1,878	\$115
82	724.3	Sciatica	558	\$4,925	\$4,322	\$556	\$47

Appendix G-Table 6 Ranking of Average Annual Therapy Expenditures for the Top 5% High Expenditure Users within the Most Frequently Observed Diagnoses: All Therapy Users (Cont.)

ICD-9 \$ Rank Top 5%	ICD-9 Code	Diagnosis Description	Top 5% Users (N)	Total Therapy Paid Average Top 5%	PT Paid Average Top 5%	OT Paid Average Top 5%	SLP Paid Average Top 5%
83	721.90	Spondylosis of unspecified site, without mention of myelopathy	351	\$4,921	\$4,142	\$751	\$29
84	726.10	Disorders of bursae and tendons in shoulder region, not elsewhere classified	1,520	\$4,917	\$3,859	\$1,034	\$24
85	726.5	Enthesopathy of hip region	395	\$4,914	\$4,140	\$708	\$65
86	726.0	Adhesive capsulitis of shoulder	861	\$4,906	\$4,131	\$723	\$52
87	V57.1	Other physical therapy	5,688	\$4,895	\$3,379	\$1,134	\$382
88	721.0	Cervical spondylosis without myelopathy	465	\$4,881	\$4,177	\$653	\$51
89	331.0	Alzheimer's Disease	1,196	\$4,861	\$2,250	\$1,719	\$893
90	V43.64	Joint replacement, hip	367	\$4,821	\$4,164	\$610	\$47
91	715.95	Osteoarthritis, unspecified whether generalized or localized, pelvic region and thigh	373	\$4,801	\$4,023	\$684	\$95
92	715.16	Osteoarthritis, localized, primary, lower leg	1,353	\$4,755	\$4,290	\$430	\$36
93	722.10	Displacement of lumbar intervertebral disc without myelopathy	511	\$4,733	\$4,518	\$199	\$17
94	724.02	Spinal stenosis, other than cervical, lumbar region	1,173	\$4,731	\$4,222	\$446	\$62
95	715.15	Osteoarthritis, localized, primary, pelvic region and thigh	338	\$4,679	\$4,240	\$411	\$28
96	722.52	Degeneration of lumbar or lumbosacral intervertebral disc	656	\$4,670	\$4,380	\$271	\$19
97	726.2	Other affections of shoulder region, not elsewhere classified	497	\$4,613	\$4,291	\$304	\$18
98	V43.65	Joint replacement, knee	923	\$4,434	\$4,232	\$194	\$9
99	840.4	Sprains and strains, rotator cuff (capsule)	1,520	\$4,423	\$4,068	\$344	\$12
100	727.61	Complete rupture of rotator cuff, non-traumatic	604	\$4,346	\$4,023	\$311	\$13