

Appendix H – Table 2

SLP - Regression Model, Dept Variable: Medicare Paid Amount (Natural Logarithm)

The REG Procedure Model: MODEL1
Dependent Variable: log_episode_paid

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	87	84040	965.98180	922.22	<.0001
Error	403682	422839	1.04746		
Corrected Total	403769	506880			

Root MSE	1.02345	R-Square	0.1658
Dependent Mean	5.71132	Adj R-Sq	0.1656
Coeff Var	17.91972		

Parameter Estimates								
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	95% Confidence Limits	
Intercept	Intercept	1	4.84100	0.01425	339.79	<.0001	4.81308	4.86893
Male		1	0.03816	0.00344	11.08	<.0001	0.03141	0.04491
Age 0-64		1	-0.10741	0.00789	-13.61	<.0001	-0.12288	-0.09195
Age 70-74		1	-0.00778	0.00744	-1.05	0.2957	-0.02237	0.00680
Age 75-79		1	-0.04222	0.00702	-6.01	<.0001	-0.05598	-0.02846
Age 80-84		1	-0.08822	0.00692	-12.74	<.0001	-0.10179	-0.07464
Age 85-89		1	-0.11922	0.00709	-16.83	<.0001	-0.13311	-0.10534
Age ≥ 90		1	-0.16608	0.00729	-22.79	<.0001	-0.18036	-0.15179
Setting_snf		1	0.76641	0.00388	197.31	<.0001	0.75879	0.77402
Setting_corf		1	0.70528	0.01742	40.48	<.0001	0.67113	0.73943
Setting_orf		1	0.62111	0.00825	75.25	<.0001	0.60493	0.63728
Setting_hha		1	0.56136	0.03588	15.64	<.0001	0.49103	0.63169

Parameter Estimates								
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	95% Confidence Limits	
Setting_md		1	-0.25984	0.02661	-9.76	<.0001	-0.31200	-0.20768
Setting_nonmd		1	-0.84420	0.17856	-4.73	<.0001	-1.19417	-0.49423
advance_grp1	amputation	1	0.22095	0.05179	4.27	<.0001	0.11943	0.32246
advance_grp2	balance/functional movement	1	0.44040	0.01549	28.43	<.0001	0.41004	0.47077
advance_grp3	cardiac/vascular/pulmonary	1	0.22374	0.00686	32.64	<.0001	0.21031	0.23718
advance_grp4	chronic ulcer of skin	1	0.12657	0.02913	4.35	<.0001	0.06948	0.18366
advance_grp5	communication	1	0.46268	0.00650	71.21	<.0001	0.44995	0.47542
advance_grp6	general/non-specific impact and other	1	0.15259	0.00537	28.43	<.0001	0.14207	0.16311
advance_grp7	mental/cognitive	1	0.14731	0.00762	19.34	<.0001	0.13238	0.16224
advance_grp8	musculoskeletal - ankle/foot	1	0.17094	0.05365	3.19	0.0014	0.06579	0.27610
advance_grp9	musculoskeletal-elbow to hand	1	0.21884	0.03295	6.64	<.0001	0.15427	0.28342
advance_grp10	musculoskeletal-hip/pelvis/thigh	1	0.23364	0.01461	15.99	<.0001	0.20500	0.26228
advance_grp11	musculoskeletal-knee/lower leg	1	0.23823	0.03221	7.40	<.0001	0.17509	0.30137
advance_grp12	musculoskeletal-lumbar/thoracic	1	0.24716	0.02738	9.03	<.0001	0.19350	0.30083
advance_grp13	musculoskeletal-multiple sites	1	0.30723	0.02877	10.68	<.0001	0.25083	0.36363
advance_grp14	musculoskeletal-neck	1	0.14301	0.04978	2.87	0.0041	0.04544	0.24059
advance_grp15	musculoskeletal-shoulder/upper arm	1	0.29044	0.03142	9.24	<.0001	0.22884	0.35203
advance_grp16	musculoskeletal-site unspecified	1	0.38268	0.00788	48.58	<.0001	0.36724	0.39812
advance_grp17	neurologic-central	1	0.50463	0.00471	107.21	<.0001	0.49540	0.51385
advance_grp18	neurologic-peripheral	1	0.36885	0.02909	12.68	<.0001	0.31183	0.42587
advance_grp19	spinal cord injury	1	0.51326	0.20894	2.46	0.0140	0.10374	0.92278
advance_grp21	systemic	1	0.19947	0.01007	19.80	<.0001	0.17973	0.21922
STATE AL		1	0.51253	0.01812	28.29	<.0001	0.47702	0.54804

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Outpatient Rehabilitation Services Payment System Evaluation Contract

November 3, 2004

Task Order #500-99-0009/0009

Deliverable # 8 Report Describing Models - Final

Parameter Estimates								
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	95% Confidence Limits	
STATE AK		1	0.07669	0.05417	1.42	0.1569	-0.02949	0.18287
STATE AZ		1	0.26675	0.02093	12.75	<.0001	0.22574	0.30777
STATE AR		1	0.19907	0.02125	9.37	<.0001	0.15743	0.24071
STATE CA		1	0.44692	0.01449	30.84	<.0001	0.41852	0.47533
STATE CO		1	0.32294	0.01995	16.19	<.0001	0.28385	0.36203
STATE CT		1	0.17097	0.01794	9.53	<.0001	0.13581	0.20613
STATE DE		1	0.14194	0.03071	4.62	<.0001	0.08175	0.20212
STATE DC		1	0.44724	0.03635	12.30	<.0001	0.37598	0.51849
STATE FL		1	0.40389	0.01408	28.69	<.0001	0.37630	0.43149
STATE GA		1	0.31166	0.01715	18.17	<.0001	0.27804	0.34528
STATE HI		1	-0.07529	0.03683	-2.04	0.0409	-0.14747	-0.00310
STATE ID		1	0.17892	0.02743	6.52	<.0001	0.12516	0.23269
STATE IL		1	0.14593	0.01478	9.88	<.0001	0.11697	0.17489
STATE IN		1	0.18529	0.01577	11.75	<.0001	0.15438	0.21620
STATE KS		1	0.22721	0.01986	11.44	<.0001	0.18827	0.26614
STATE KY		1	0.11638	0.01725	6.75	<.0001	0.08258	0.15018
STATE LA		1	0.71508	0.01752	40.81	<.0001	0.68074	0.74943
STATE ME		1	0.05182	0.02579	2.01	0.0445	0.00127	0.10237
STATE MD		1	0.30172	0.01726	17.48	<.0001	0.26788	0.33556
STATE MA		1	0.33323	0.01615	20.64	<.0001	0.30158	0.36488
STATE MI		1	0.09282	0.01522	6.10	<.0001	0.06299	0.12264
STATE MN		1	-0.12588	0.01769	-7.11	<.0001	-0.16056	-0.09120
STATE MS		1	0.73999	0.01960	37.75	<.0001	0.70156	0.77841
STATE MO		1	0.39175	0.01608	24.36	<.0001	0.36023	0.42326
STATE MT		1	0.03943	0.03171	1.24	0.2138	-0.02273	0.10159
STATE NE		1	0.16708	0.02305	7.25	<.0001	0.12190	0.21225

Parameter Estimates								
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	95% Confidence Limits	
STATE NV		1	0.44077	0.03027	14.56	<.0001	0.38144	0.50009
STATE NH		1	0.23344	0.02537	9.20	<.0001	0.18371	0.28317
STATE NJ		1	0.36517	0.01607	22.72	<.0001	0.33367	0.39668
STATE NM		1	0.24721	0.02589	9.55	<.0001	0.19648	0.29795
STATE NY		1	-0.29680	0.01452	-20.44	<.0001	-0.32525	-0.26834
STATE NC		1	0.39755	0.01568	25.36	<.0001	0.36682	0.42827
STATE ND		1	-0.23673	0.03255	-7.27	<.0001	-0.30053	-0.17292
STATE OH		1	0.27345	0.01428	19.14	<.0001	0.24546	0.30145
STATE OK		1	0.55127	0.02078	26.53	<.0001	0.51054	0.59199
STATE OR		1	0.03889	0.02159	1.80	0.0716	-0.00342	0.08120
STATE PA		1	0.28221	0.01403	20.11	<.0001	0.25471	0.30971
STATE PR		1	0.23680	0.08376	2.83	0.0047	0.07264	0.40097
STATE RI		1	0.36001	0.02700	13.34	<.0001	0.30710	0.41292
STATE SC		1	0.22854	0.01848	12.37	<.0001	0.19232	0.26476
STATE SD		1	0.02507	0.03424	0.73	0.4641	-0.04204	0.09217
STATE TN		1	0.21340	0.01686	12.66	<.0001	0.18035	0.24644
STATE TX		1	0.46420	0.01452	31.97	<.0001	0.43574	0.49266
STATE UT		1	0.05372	0.02889	1.86	0.0629	-0.00290	0.11035
STATE VT		1	0.14883	0.03424	4.35	<.0001	0.08171	0.21594
STATE VI		1	0.32017	0.29573	1.08	0.2790	-0.25944	0.89979
STATE VA		1	0.36938	0.01609	22.96	<.0001	0.33784	0.40091
STATE WA		1	0.20877	0.01725	12.10	<.0001	0.17496	0.24258
STATE WV		1	0.31568	0.02072	15.24	<.0001	0.27508	0.35629
STATE WI		1	0.14635	0.01604	9.12	<.0001	0.11491	0.17779
STATE WY		1	0.09281	0.04314	2.15	0.0314	0.00826	0.17736