

Analysis of 2000-2009 Home Health Case-mix Change: Tables

Table 1:
Summary of Real and Nominal Case-mix Change Estimates: 2000- 2005

Measure	Value
Average case-mix: 2000 (IPS period)	1.0959
Average case-mix: 2005	1.2331
Total change in case-mix	0.1371
Total percentage change	12.51%
Predicted case-mix 2005	1.1166
Estimated real (predicted) change in case-mix	0.0207
Percent of total change estimated as real	15.12%
Percent of total change estimated as nominal (creep)	84.88%
Percentage points (of total percentage change) estimated as real	1.89%
Percentage points (of total percentage change) estimated as nominal (creep)	10.62%
Notes: Estimates of real (predicted) case-mix change are based on the sum of case-mix change associated with the variables in the model. Nominal case-mix change is defined as the total change in case-mix minus real change in case-mix.	
Source: Abt Associates, 2011	

Table 2:
Summary of Real and Nominal Case-mix Change Estimates: 2005- 2007

Measure	Value
Average case-mix: 2005	1.2331
Average case-mix: 2007	1.2606
Total change in case-mix	0.0276
Total percentage change	2.23%
Predicted case-mix: 2007	1.2392
Estimated real (predicted) change in case-mix	0.0061
Percent of total change estimated as real	22.23%
Percent of total change estimated as nominal (creep)	77.77%
Percentage points (of total percentage change) estimated as real	0.50%
Percentage points (of total percentage change) estimated as nominal (creep)	1.74%
Notes: Estimates of real (predicted) case-mix change are based on the sum of case-mix change associated with the variables in the model. Nominal case-mix change is defined as the total change in case-mix minus real change in case-mix.	
Source: Abt Associates, 2011	

Table 3:
Summary of Real and Nominal Case-mix Change Estimates: 2007- 2009

Measure	Value
Average case-mix: 2007	1.2552
Average case-mix: 2009	1.3435
Total change in case-mix	0.0883
Total percentage change	7.04%
Predicted case-mix: 2009	1.2674
Estimated real (predicted) change in case-mix	0.0122
Percent of total change estimated as real	13.77%
Percent of total change estimated as nominal (creep)	86.23%
Percentage points (of total percentage change) estimated as real	0.97%
Percentage points (of total percentage change) estimated as nominal (creep)	6.07%
Notes: Estimates of real (predicted) case-mix change are based on the sum of case-mix change associated with the variables in the model. Nominal case-mix change is defined as the total change in case-mix minus real change in case-mix.	
Source: Abt Associates, 2011	

Table 4:
Summary of Real and Nominal Case-mix Change Estimates: 2000- 2009

Measure	Value
Actual case-mix: 2000	1.0959
Actual case-mix: 2009	1.3435
Total change in case-mix	0.2476
Total percentage change	22.59%
Predicted case-mix: 2009	1.1349
Estimated real (predicted) change in case-mix	0.0390
Percent of total change estimated as real	15.76%
Percent of total change estimated as nominal (creep)	84.24%
Percentage points (of total percentage change) estimated as real	3.56%
Percentage points (of total percentage change) estimated as nominal (creep)	19.03%
Notes: Estimates of real (predicted) case-mix change are based on the sum of case-mix change associated with the variables in the model. Nominal case-mix change is defined as the total change in case-mix minus real change in case-mix.	
Source: Abt Associates, 2011	

Table 5:
Drivers of Real Case-Mix Change: IPS-2009

Sev	Variable	Predicted Case-Mix Change			
		IPS-2005	2005-2007	2007-2009	Total
	Facility-Based Vol/NP	0.0180	0.0120	0.0011	0.0311
	Other Proprietary	-0.0168	-0.0134	0.0099	-0.0203
	Any Hospital in Prior 14 Days IP Claims	0.0038	0.0067	0.0035	0.0140
	Free-Standing Vol/NP	0.0040	0.0044	0.0003	0.0087
	Medicare SNF Payments in 120 Days Preceding Home Health Episode	0.0059	0.0018	-0.0004	0.0074
	Acute Care Hospital Days in Period 14 Days Preceding Home Health Episode	-0.0032	-0.0018	-0.0020	-0.0070
	No Hosp/Rehab/SNF in 14 Days From Prior IP Claims	-0.0014	-0.0036	-0.0008	-0.0059
	Acute Care Hospital Days in Period 15 to 120 Days Preceding Home Health Episode	-0.0016	-0.0011	-0.0016	-0.0043
	Facility-Based Government	0.0025	0.0013	0.0000	0.0039
Any	Cva W Infarct/Nonspecific Cva & Precerebral Occl W/O Infarct	-0.0028	-0.0011	0.0001	-0.0038
	Rehabilitation Facility Days in Period 14 Days Preceding Home Health Episode	-0.0004	-0.0019	-0.0015	-0.0037
	Other Vol/NP	-0.0010	0.0050	-0.0004	0.0036
	Free-Standing Government	0.0021	0.0012	-0.0001	0.0032
	Facility-Based Proprietary	0.0025	0.0004	0.0000	0.0028
	Patient Lives with Paid Help	0.0019	-0.0010	0.0017	0.0026
	Free-Standing Proprietary	-0.0021	-0.0012	0.0009	-0.0023
Any	08 Knee Joint Replacement	0.0030	-0.0007	0.0000	0.0023
	Medicare Skilled Nursing Facility (SNF) Days in Period 15 to 120 Days Preceding Home Health Episode	0.0017	0.0002	0.0005	0.0023
	Rehabilitation Facility Days in Period 15 to 120 Days Preceding Home Health Episode	-0.00108	-0.00066	-0.00055	-0.00229
See the Appendix for complete model results. This table reports all variables associated with a change in real case-mix of more than 0.002 or less than -0.002 for the 2000-2009 period.					
Source: Abt Associates, 2011					

Table 6:
Real Case-Mix Change Associated with HCC Measures: 2005-2009

Variable	Regression Coefficients		Means			Predicted Case-Mix Change		
	2005	2009	2005	2007	2009	2005-2007	2007-2009	Total
EM_MEDICAID_FEMALE_AGED	-0.0111	-0.0525	0.1842	0.2143	0.2121	-0.0003	0.0001	-0.0002
EM_MEDICAID_FEMALE_DISABLED	-0.0495	-0.0534	0.0374	0.0453	0.0473	-0.0004	-0.0001	-0.0005
EM_ORIGINALLYDISABLED_FEMALE	0.0160	0.0202	0.0687	0.0715	0.0731	0.0000	0.0000	0.0001
EM_MEDICAID_MALE_AGED	-0.0205	-0.0776	0.0593	0.0760	0.0763	-0.0003	0.0000	-0.0004
EM_MEDICAID_MALE_DISABLED	-0.0222	-0.0517	0.0269	0.0339	0.0356	-0.0002	-0.0001	-0.0002
EM_ORIGINALLYDISABLED_MALE	0.0249	0.0286	0.0504	0.0519	0.0521	0.0000	0.0000	0.0000
EM_RF_CHF1	-0.0407	-0.0302	0.0524	0.0616	0.0648	-0.0004	-0.0001	-0.0005
EM_RF_CHF_DM	-0.0405	-0.0215	0.0833	0.0995	0.1020	-0.0007	-0.0001	-0.0007
EM_CHF_COPD	-0.0479	-0.0169	0.2239	0.2036	0.2040	0.0010	0.0000	0.0010
EM_COPD_CVD_CAD	-0.0065	-0.0168	0.0275	0.0211	0.0211	0.0000	0.0000	0.0000
EM_DM_CHF1	-0.0090	-0.0043	0.1476	0.1306	0.1288	0.0002	0.0000	0.0002
EM_DM_CVD	0.0840	0.1261	0.0916	0.0816	0.0835	-0.0008	0.0002	-0.0006
EM_DISABL	0.0375	-0.0020	0.1087	0.1171	0.1191	0.0003	0.0000	0.0003
Disabled_Opportunistic Infections	-0.0805	-0.0832	0.0022	0.0021	0.0023	0.0000	0.0000	0.0000
Disabled_Severe Hematological Disorders	-0.1250	-0.1075	0.0036	0.0036	0.0044	0.0000	-0.0001	-0.0001
Disabled_Drug/Alcohol Psychosis	-0.1063	-0.1126	0.0032	0.0032	0.0038	0.0000	-0.0001	-0.0001
Disabled_Drug/Alcohol Dependence	-0.0863	-0.0667	0.0045	0.0052	0.0055	-0.0001	0.0000	-0.0001
Disabled_Cystic Fibrosis	-0.2857	-0.2131	0.0002	0.0001	0.0001	0.0000	0.0000	0.0000
HCC Community Score	0.0179	0.0185	2.8553	2.8016	2.8775	-0.0010	0.0014	0.0004
Total						-0.0025	0.0012	-0.0013

Appendix Table 1:**Summary of Real and Nominal Case-mix Change Estimates for Alternative HCC Models: 2005-2007**

Measure	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
Average case-mix: 2005	1.2331	1.2331	1.2331	1.2331	1.2331	1.2331
Average case-mix: 2007	1.2606	1.2606	1.2606	1.2606	1.2606	1.2606
Total change in case-mix	0.0276	0.0276	0.0276	0.0276	0.0276	0.0276
Total percentage change	2.23%	2.23%	2.23%	2.23%	2.23%	2.23%
Predicted case-mix (2007 using 2005 coefficients)	1.2386	1.2368	1.2377	1.2392	1.2367	1.2392
Estimated real (predicted) change in case-mix	0.0056	0.0038	0.0046	0.0062	0.0036	0.0061
Percent of total change estimated as real	20.22%	13.66%	16.80%	22.40%	13.17%	22.23%
Percent of total change estimated as nominal (creep)	79.78%	86.34%	83.20%	77.60%	86.83%	77.77%
Percentage points (of total percentage change) estimated as real	0.45%	0.31%	0.38%	0.50%	0.29%	0.50%
Percentage points (of total percentage change) estimated as nominal (creep)	1.78%	1.93%	1.86%	1.73%	1.94%	1.74%
<p>Notes: Estimates of real (predicted) case-mix change are based on the sum of case-mix change associated with the variables in the model. Nominal case-mix change is defined as the total change in case-mix minus real change in case-mix.</p> <p>Model 1: Add HCC community score.</p> <p>Model 2: Add indicators for HCC conditions, disease conditions, and demographic variables</p> <p>Model 3: Add HCC community score and HCC disease indicators and demographic variables</p> <p>Source: Abt Associates, 2011</p>						

Appendix Table 2:**Summary of Real and Nominal Case-mix Change Estimates for Alternative HCC Models: 2007-2009**

	Concurrent Models			Prospective Models		
Measure	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
Average case-mix: 2007	1.2552	1.2552	1.2552	1.2552	1.2552	1.2552
Average case-mix: 2009	1.3435	1.3435	1.3435	1.3435	1.3435	1.3435
Total change in case-mix	0.0883	0.0883	0.0883	0.0883	0.0883	0.0883
Total percentage change	7.04%	7.04%	7.04%	7.04%	7.04%	7.04%
Predicted case-mix (2007)	1.3560	1.3531	1.3530	1.3551	1.3571	1.3557
Estimated real (predicted) change in case-mix	0.0124	0.0096	0.0095	0.0116	0.0136	0.0122
Percent of total change estimated as real	14.09%	10.89%	10.77%	13.17%	15.40%	13.77%
Percent of total change estimated as nominal (creep)	85.91%	89.11%	89.23%	86.83%	84.60%	86.23%
Percentage points (of total percentage change) estimated as real	0.99%	0.77%	0.76%	0.93%	1.08%	0.97%
Percentage points (of total percentage change) estimated as nominal (creep)	6.04%	6.27%	6.28%	6.11%	5.95%	6.07%
<p>Notes: Estimates of real (predicted) case-mix change are based on the sum of case-mix change associated with the variables in the model (see the Appendix). Nominal case-mix change is defined as the total change in case-mix minus real change in case-mix.</p> <p>Model 1: Add HCC community score. Model 2: Add indicators for HCC conditions, disease conditions, and demographic variables Model 3: Add HCC community score and HCC disease indicators and demographic variables</p> <p>Source: Abt Associates, 2011</p>						

Appendix Table 3:
Summary of Real and Nominal Case-mix Change Estimates for Alternative HCC Models: 2000-2009

	Concurrent Models			Prospective Models		
Measure	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
Actual case-mix: 2000	1.0959	1.0959	1.0959	1.0959	1.0959	1.0959
Actual case-mix: 2009	1.3435	1.3435	1.3435	1.3435	1.3435	1.3435
Total change in case-mix	0.2476	0.2476	0.2476	0.2476	0.2476	0.2476
Total percentage change	22.59%	22.59%	22.59%	22.59%	22.59%	22.59%
Predicted case-mix (2009) using IPS coefficients)	1.1347	1.1300	1.1308	1.1344	1.1339	1.1349
Estimated real (predicted) change in case-mix	0.0387	0.0341	0.0349	0.0385	0.0380	0.0390
Percent of total change estimated as real	15.65%	13.78%	14.09%	15.56%	15.33%	15.76%
Percent of total change estimated as nominal (creep)	84.35%	86.22%	85.91%	84.44%	84.67%	84.24%
Percentage points (of total percentage change) estimated as real	3.54%	3.11%	3.18%	3.52%	3.46%	3.56%
Percentage points (of total percentage change) estimated as nominal (creep)	19.06%	19.48%	19.41%	19.08%	19.13%	19.03%
<p>Notes: Estimates of real (predicted) case-mix change are based on the sum of case-mix change associated with the variables in the model (see the Appendix). Nominal case-mix change is defined as the total change in case-mix minus real change in case-mix.</p> <p>Model 1: Add HCC community score. Model 2: Add indicators for HCC conditions, disease conditions, and demographic variables Model 3: Add HCC community score and HCC disease indicators and demographic variables</p> <p>Source: Abt Associates, 2011</p>						

Appendix Table 4

Regression Coefficients and Mean Values Used for Calculation of Real and Nominal Case-Mix Changes: 2000-2009

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
	Intercept	1.18258	1.34255	0.95868	1.00000	1.00000	1.00000	1.00000	0.00000	0.00000	0.00000
	Age 65 to 74	-0.01802	0.00194	-0.00981	0.24525	0.24052	0.23830	0.23833	0.00009	0.00000	0.00000
	Age 75 to 84	0.00051	0.05009	0.00605	0.40132	0.38681	0.37056	0.34912	-0.00001	-0.00081	-0.00013
	Age 85 to 94	0.04671	0.09997	0.02523	0.23657	0.23371	0.24223	0.25135	-0.00013	0.00085	0.00023
	Age 95+	0.09629	0.10953	0.02761	0.02461	0.02429	0.02498	0.02681	-0.00003	0.00007	0.00005
	Age 65 to 74 * Male	-0.00503	-0.00363	0.01056	0.09241	0.09045	0.09021	0.09060	0.00001	0.00000	0.00000
	Age 75 to 84 * Male	-0.00643	0.01803	0.03077	0.13414	0.12962	0.12532	0.11921	0.00003	-0.00008	-0.00019
	Age 85 to 84 * male	-0.01264	0.02023	0.03819	0.06418	0.06726	0.07016	0.07447	-0.00004	0.00006	0.00016
	Age 95+ * Male	-0.02836	0.01662	0.03941	0.00487	0.00481	0.00518	0.00595	0.00000	0.00001	0.00003
	Male	-0.00860	-0.04029	-0.04252	0.33952	0.34436	0.34745	0.35145	-0.00004	-0.00012	-0.00017
	Age 65 to 74 * White	-0.01342	-0.00822	-0.00993	0.19339	0.18343	0.17700	0.17382	0.00013	0.00005	0.00003
	Age 75 to 84 * White	-0.01441	-0.04470	0.00375	0.34045	0.31208	0.29419	0.27333	0.00041	0.00080	-0.00008
	Age 85 to 94 * White	-0.05118	-0.08312	-0.00692	0.20412	0.19834	0.20474	0.21142	0.00030	-0.00053	-0.00005
	Age 95+ * White	-0.09787	-0.08038	-0.03992	0.02005	0.01967	0.02040	0.02178	0.00004	-0.00006	-0.00005
	White	0.01833	0.02294	0.05582	0.82305	0.79037	0.77601	0.76326	-0.00060	-0.00033	-0.00071
	Age 65 to 74 * African American	0.02500	0.01844	0.00102	0.03864	0.04297	0.04488	0.04645	0.00011	0.00004	0.00000
	Age 75 to 84 * African American	0.04468	-0.00297	0.00366	0.04459	0.04897	0.04741	0.04750	0.00020	0.00000	0.00000
	Age 85 to 94 * African American	0.00748	-0.02769	-0.00397	0.02373	0.02392	0.02429	0.02488	0.00000	-0.00001	0.00000
	Age 95+ * African American	-0.02844	0.01598	0.01813	0.00351	0.00338	0.00328	0.00343	0.00000	0.00000	0.00000
	African American	-0.00638	0.02024	0.04214	0.13240	0.14954	0.15512	0.16333	-0.00011	0.00011	0.00035
	Any Hospital in Prior 14 Days IP Claims	-0.08141	-0.15148	-0.08927	0.38390	0.33760	0.29331	0.25376	0.00377	0.00671	0.00353
	Any Rehab in 14 Days Prior from IP Claims	0.06680	0.03893	-0.02957	0.04423	0.04265	0.03108	0.02697	-0.00011	-0.00045	0.00012
	Any MCR SNF in 14 Days Prior From IP Claims	0.02830	0.04831	0.06116	0.11958	0.12490	0.11815	0.10960	0.00015	-0.00033	-0.00052
	No Hosp/Rehab/SNF in 14 Days From Prior IP Claims	-0.04320	-0.07207	-0.01842	0.51808	0.55090	0.60118	0.64519	-0.00142	-0.00362	-0.00081
	Acute Care Hospital Days in Period 14 Days Preceding Home Health Episode	0.00782	0.00613	0.00721	2.25851	1.84561	1.55584	1.28066	-0.00323	-0.00178	-0.00198

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
	Acute Care Hospital Days in Period 15 to 120 Days Preceding Home Health Episode	0.00405	0.00298	0.00448	4.07408	3.67663	3.29343	2.94503	-0.00161	-0.00114	-0.00156
	Long Term Care Hospital Days in Period 14 Days Preceding Home Health Episode	0.02171	0.01694	0.01654	0.05415	0.07542	0.05991	0.05000	0.00046	-0.00026	-0.00016
	Long Term Care Hospital Days in Period 15 to 120 Days Preceding Home Health Episode	0.00418	0.00338	0.00336	0.20612	0.29257	0.26206	0.23366	0.00036	-0.00010	-0.00010
	Rehabilitation Facility Days in Period 14 Days Preceding Home Health Episode	0.02284	0.01752	0.03789	0.44197	0.42478	0.31633	0.27789	-0.00039	-0.00190	-0.00146
	Rehabilitation Facility Days in Period 15 to 120 Days Preceding Home Health Episode	0.00718	0.00653	0.01723	0.67949	0.52902	0.42812	0.39634	-0.00108	-0.00066	-0.00055
	Medicare Skilled Nursing Facility (SNF) Days in Period 14 Days Preceding Home Health Episode	0.01278	0.00465	0.00700	1.17008	1.29349	1.24250	1.17624	0.00158	-0.00024	-0.00046
	Medicare Skilled Nursing Facility (SNF) Days in Period 15 to 120 Days Preceding Home Health Episode	0.00194	0.00150	0.00558	2.77538	3.62890	3.75143	3.83596	0.00166	0.00018	0.00047
	Patient Lives Alone	-0.07267	0.04891	0.16593	0.30460	0.29048	0.29674	0.29737	0.00103	0.00031	0.00011
	Patient Lives with Other (Not Family, Friends, Paid Help or Spouse)	0.05791	0.11271	0.18904	0.01460	0.00971	0.00968	0.00937	-0.00028	0.00000	-0.00006
	Patient Lives with Other Family	0.06056	0.14401	0.22378	0.28298	0.29732	0.27966	0.29558	0.00087	-0.00254	0.00356
	Patient Lives with Paid Help	0.12521	0.21713	0.30940	0.07667	0.09192	0.08721	0.09269	0.00191	-0.00102	0.00170
	Patient Lives with Spouse	0.04426	0.12398	0.20406	0.34951	0.35116	0.36263	0.34578	0.00007	0.00142	-0.00344
	Medical APR DRG	-0.00756	-0.00172	-0.00915	0.60946	0.61950	0.59591	0.62404	-0.00008	0.00004	-0.00026
	Procedure APR DRG	-0.03775	-0.01068	0.03929	0.27703	0.29450	0.27146	0.27917	-0.00066	0.00025	0.00030
	Mortality Risk Level 1	-0.07210	-0.04182	-0.03684	0.27460	0.28291	0.25027	0.27084	-0.00060	0.00136	-0.00076
	Mortality Risk Level 2	-0.05438	-0.02856	-0.02046	0.45441	0.45139	0.41878	0.38721	0.00016	0.00093	0.00065
	Mortality Risk Level 3	-0.02796	-0.00871	-0.01586	0.13584	0.14693	0.15839	0.18849	-0.00031	-0.00010	-0.00048
Any	Tracheostomy W Long Term Mechanical Ventilation W Extensive Procedure	0.32730	-0.01583	0.12790	0.00054	0.00057	0.00049	0.00062	0.00001	0.00000	0.00002

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	Tracheostomy W Long Term Mechanical Ventilation W Extensive Procedure	-0.00117	0.20537	0.21208	0.00019	0.00019	0.00010	0.00014	0.00000	-0.00002	0.00001
Extreme	Tracheostomy W Long Term Mechanical Ventilation W Extensive Procedure	-0.12727	0.26196	0.13920	0.00031	0.00035	0.00037	0.00046	0.00000	0.00001	0.00001
Any	Tracheostomy W Long Term Mechanical Ventilation W/O Extensive Procedure	0.19932	0.17791	0.16679	0.00095	0.00104	0.00088	0.00087	0.00002	-0.00003	0.00000
Mod	Tracheostomy W Long Term Mechanical Ventilation W/O Extensive Procedure	-0.18388	-0.03222	0.21384	0.00011	0.00007	0.00005	0.00003	0.00001	0.00000	0.00000
Major	Tracheostomy W Long Term Mechanical Ventilation W/O Extensive Procedure	0.05043	-0.06293	-0.04869	0.00035	0.00040	0.00027	0.00021	0.00000	0.00001	0.00000
Any	01 Craniotomy For Trauma	-0.01526	0.05099	0.18714	0.00054	0.00061	0.00066	0.00073	0.00000	0.00000	0.00001
Minor	01 Craniotomy For Trauma	0.33770	0.06440	-0.10667	0.00031	0.00034	0.00037	0.00040	0.00001	0.00000	0.00000
Mod	01 Craniotomy For Trauma	0.35483	0.03617	-0.06096	0.00009	0.00003	0.00004	0.00005	-0.00002	0.00000	0.00000
Major	01 Craniotomy For Trauma	0.24770	0.13768	-0.00816	0.00011	0.00016	0.00018	0.00020	0.00001	0.00000	0.00000
Any	01 Craniotomy Except For Trauma	0.42073	0.24119	0.38398	0.00235	0.00225	0.00220	0.00220	-0.00004	-0.00001	0.00000
Minor	01 Craniotomy Except For Trauma	-0.13243	-0.06096	-0.18699	0.00092	0.00079	0.00073	0.00074	0.00002	0.00000	0.00000
Mod	01 Craniotomy Except For Trauma	-0.09805	-0.09782	-0.17696	0.00084	0.00085	0.00081	0.00078	0.00000	0.00000	0.00000
Major	01 Craniotomy Except For Trauma	-0.03669	-0.05347	-0.13758	0.00040	0.00039	0.00040	0.00041	0.00000	0.00000	0.00000
Any	01 Ventricular Shunt Procedures	0.39968	0.38625	0.17287	0.00064	0.00074	0.00078	0.00072	0.00004	0.00001	-0.00001
Minor	01 Ventricular Shunt Procedures	0.09766	-0.13512	0.09708	0.00018	0.00019	0.00018	0.00015	0.00000	0.00000	0.00000
Mod	01 Ventricular Shunt Procedures	-0.01476	-0.08869	0.04359	0.00037	0.00045	0.00050	0.00045	0.00000	0.00000	0.00000
Any	01 Spinal Procedures	0.38137	0.38107	0.32230	0.00066	0.00064	0.00073	0.00073	-0.00001	0.00003	0.00000
Minor	01 Spinal Procedures	-0.06927	-0.15768	-0.18030	0.00019	0.00016	0.00016	0.00017	0.00000	0.00000	0.00000
Mod	01 Spinal Procedures	-0.18271	-0.15693	-0.15530	0.00025	0.00026	0.00028	0.00029	0.00000	0.00000	0.00000
Major	01 Spinal Procedures	-0.11748	-0.12896	-0.12150	0.00017	0.00018	0.00021	0.00021	0.00000	0.00000	0.00000
Any	01 Extracranial Vascular Procedures	0.36423	0.12277	0.10135	0.00365	0.00391	0.00346	0.00419	0.00009	-0.00006	0.00007
Minor	01 Extracranial Vascular Procedures	-0.25690	-0.09974	-0.12839	0.00120	0.00149	0.00116	0.00158	-0.00007	0.00003	-0.00005
Mod	01 Extracranial Vascular Procedures	-0.17653	-0.05436	-0.05753	0.00169	0.00176	0.00151	0.00170	-0.00001	0.00001	-0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	01 Extracranial Vascular Procedures	-0.14735	0.02024	0.00012	0.00066	0.00058	0.00068	0.00076	0.00001	0.00000	0.00000
Any	01 Other Nervous System & Related Procedures	0.23396	0.26798	-0.03015	0.00093	0.00102	0.00097	0.00095	0.00002	-0.00001	0.00000
Minor	01 Other Nervous System & Related Procedures	0.01026	-0.17608	0.19942	0.00013	0.00017	0.00018	0.00015	0.00000	0.00000	-0.00001
Mod	01 Other Nervous System & Related Procedures	0.06770	-0.10947	0.28012	0.00045	0.00043	0.00035	0.00037	0.00000	0.00001	0.00001
Major	01 Other Nervous System & Related Procedures	0.12801	-0.04414	0.16346	0.00034	0.00037	0.00038	0.00038	0.00000	0.00000	0.00000
Any	01 Spinal Disorders & Injuries	0.29678	0.20865	0.18194	0.00029	0.00025	0.00025	0.00028	-0.00001	0.00000	0.00000
Mod	01 Spinal Disorders & Injuries	0.10278	-0.03836	0.11982	0.00017	0.00015	0.00013	0.00012	0.00000	0.00000	0.00000
Major	01 Spinal Disorders & Injuries	0.06315	-0.02450	0.13664	0.00010	0.00007	0.00009	0.00010	0.00000	0.00000	0.00000
Any	01 Nervous System Malignancy	-0.08084	-0.16160	-0.13432	0.00092	0.00066	0.00058	0.00055	0.00002	0.00001	0.00000
Minor	01 Nervous System Malignancy	0.27972	-0.17434	0.21572	0.00009	0.00004	0.00005	0.00003	-0.00001	0.00000	0.00000
Mod	01 Nervous System Malignancy	0.27316	-0.10393	0.33274	0.00042	0.00031	0.00025	0.00021	-0.00003	0.00001	-0.00001
Major	01 Nervous System Malignancy	0.12755	-0.17085	0.20459	0.00040	0.00029	0.00026	0.00028	-0.00001	0.00001	0.00000
Any	01 Degenerative Nervous System Disorders Exc Mult Sclerosis	0.36428	0.14701	0.20621	0.00472	0.00630	0.00681	0.00668	0.00058	0.00007	-0.00003
Minor	01 Degenerative Nervous System Disorders Exc Mult Sclerosis	-0.18549	0.04696	0.09071	0.00091	0.00079	0.00065	0.00059	0.00002	-0.00001	-0.00001
Mod	01 Degenerative Nervous System Disorders Exc Mult Sclerosis	-0.15438	-0.00430	-0.08033	0.00283	0.00405	0.00460	0.00427	-0.00019	0.00000	0.00003
Major	01 Degenerative Nervous System Disorders Exc Mult Sclerosis	-0.13009	-0.00176	-0.05029	0.00088	0.00137	0.00147	0.00171	-0.00006	0.00000	-0.00001
Any	01 Multiple Sclerosis & Other Demyelinating Diseases	0.58785	-0.00166	0.15833	0.00132	0.00146	0.00122	0.00133	0.00008	0.00000	0.00002
Minor	01 Multiple Sclerosis & Other Demyelinating Diseases	-0.24667	-0.22555	0.20778	0.00049	0.00054	0.00030	0.00033	-0.00001	0.00005	0.00000
Mod	01 Multiple Sclerosis & Other Demyelinating Diseases	-0.28785	0.29884	0.23082	0.00069	0.00075	0.00075	0.00074	-0.00002	0.00000	0.00000
Major	01 Multiple Sclerosis & Other Demyelinating Diseases	-0.15219	0.37212	0.28232	0.00014	0.00016	0.00015	0.00024	0.00000	0.00000	0.00002
Any	01 Intracranial Hemorrhage	0.25023	0.26108	0.26795	0.00287	0.00265	0.00241	0.00264	-0.00005	-0.00006	0.00006
Minor	01 Intracranial Hemorrhage	0.04772	-0.11995	-0.12341	0.00058	0.00047	0.00035	0.00040	0.00000	0.00001	-0.00001
Mod	01 Intracranial Hemorrhage	0.06663	-0.05001	-0.02616	0.00133	0.00123	0.00101	0.00101	-0.00001	0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	01 Intracranial Hemorrhage	0.09628	-0.05437	0.05308	0.00085	0.00082	0.00091	0.00104	0.00000	0.00000	0.00001
Any	Cva W Infarct/Nonspecific Cva & Precerebral Occl W/O Infarct	0.39495	0.29527	0.28835	0.03496	0.02793	0.02417	0.02436	-0.00277	-0.00111	0.00005
Minor	Cva W Infarct/Nonspecific Cva & Precerebral Occl W/O Infarct	-0.07792	-0.09228	-0.09156	0.00355	0.00263	0.00198	0.00192	0.00007	0.00006	0.00001
Mod	Cva W Infarct/Nonspecific Cva & Precerebral Occl W/O Infarct	-0.07325	-0.08969	-0.00721	0.02253	0.01755	0.01491	0.01441	0.00036	0.00024	0.00000
Major	Cva W Infarct/Nonspecific Cva & Precerebral Occl W/O Infarct	-0.06912	-0.07566	0.01195	0.00839	0.00722	0.00666	0.00721	0.00008	0.00004	0.00001
Any	01 Transient Ischemia	-0.05165	-0.05275	0.37712	0.01095	0.00994	0.00920	0.00949	0.00005	0.00004	0.00011
Minor	01 Transient Ischemia	0.21585	-0.01200	-0.25554	0.00192	0.00166	0.00126	0.00127	-0.00006	0.00000	0.00000
Mod	01 Transient Ischemia	0.23145	-0.00577	-0.24994	0.00731	0.00643	0.00599	0.00624	-0.00020	0.00000	-0.00006
Major	01 Transient Ischemia	0.17389	-0.00736	-0.23637	0.00170	0.00179	0.00189	0.00189	0.00002	0.00000	0.00000
Any	01 Peripheral, Cranial & Autonomic Nerve Disorders	-0.16514	-0.08437	0.09007	0.00367	0.00374	0.00329	0.00334	-0.00001	0.00004	0.00000
Minor	01 Peripheral, Cranial & Autonomic Nerve Disorders	0.34645	-0.00053	0.10166	0.00051	0.00059	0.00041	0.00057	0.00003	0.00000	0.00002
Mod	01 Peripheral, Cranial & Autonomic Nerve Disorders	0.26553	-0.00733	0.02387	0.00178	0.00179	0.00151	0.00143	0.00000	0.00000	0.00000
Major	01 Peripheral, Cranial & Autonomic Nerve Disorders	0.31229	-0.00425	0.02757	0.00133	0.00126	0.00128	0.00122	-0.00002	0.00000	0.00000
Any	01 Bacterial & Tuberculous Infections Of Nervous System	0.18768	-0.03865	0.19735	0.00026	0.00026	0.00022	0.00028	0.00000	0.00000	0.00001
Mod	01 Bacterial & Tuberculous Infections Of Nervous System	0.09716	0.20398	0.07980	0.00015	0.00011	0.00007	0.00013	0.00000	-0.00001	0.00000
Major	01 Bacterial & Tuberculous Infections Of Nervous System	-0.06652	0.24995	0.04034	0.00010	0.00010	0.00008	0.00010	0.00000	0.00000	0.00000
Any	01 Non-Bacterial Infections Of Nervous System Exc Viral Meningitis	-0.09775	-0.08537	0.03216	0.00041	0.00052	0.00041	0.00046	-0.00001	0.00001	0.00000
Minor	01 Non-Bacterial Infections Of Nervous System Exc Viral Meningitis	-0.02908	-0.02247	0.04227	0.00011	0.00015	0.00011	0.00014	0.00000	0.00000	0.00000
Mod	01 Non-Bacterial Infections Of Nervous System Exc Viral Meningitis	0.22816	0.02142	-0.02193	0.00014	0.00017	0.00014	0.00012	0.00001	0.00000	0.00000
Major	01 Non-Bacterial Infections Of Nervous System Exc Viral Meningitis	0.37930	0.03839	0.18169	0.00014	0.00015	0.00011	0.00013	0.00000	0.00000	0.00000
Any	01 Nontraumatic Stupor & Coma	0.18585	0.06232	0.11854	0.00169	0.00285	0.00299	0.00362	0.00021	0.00001	0.00008

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Minor	01 Nontraumatic Stupor & Coma	-0.12804	0.02531	-0.10380	0.00019	0.00016	0.00016	0.00018	0.00000	0.00000	0.00000
Mod	01 Nontraumatic Stupor & Coma	-0.03121	0.02578	0.02572	0.00070	0.00076	0.00073	0.00065	0.00000	0.00000	0.00000
Major	01 Nontraumatic Stupor & Coma	-0.05085	0.05831	0.02501	0.00077	0.00180	0.00193	0.00238	-0.00005	0.00001	0.00001
Any	01 Seizure	0.13094	0.00559	0.13266	0.00477	0.00507	0.00495	0.00549	0.00004	0.00000	0.00007
Minor	01 Seizure	-0.09450	0.00465	-0.09964	0.00068	0.00067	0.00058	0.00071	0.00000	0.00000	-0.00001
Mod	01 Seizure	0.03536	0.08711	-0.01072	0.00269	0.00282	0.00264	0.00283	0.00000	-0.00002	0.00000
Major	01 Seizure	-0.04479	0.09433	-0.03195	0.00126	0.00138	0.00151	0.00168	-0.00001	0.00001	-0.00001
Any	01 Migraine & Other Headaches	0.02372	-0.09715	0.07051	0.00052	0.00070	0.00070	0.00075	0.00000	0.00000	0.00000
Minor	01 Migraine & Other Headaches	0.01025	0.00905	0.01901	0.00013	0.00015	0.00014	0.00017	0.00000	0.00000	0.00000
Mod	01 Migraine & Other Headaches	0.15649	0.10227	0.05245	0.00031	0.00045	0.00045	0.00047	0.00002	0.00000	0.00000
Any	01 Head Trauma W Coma >1 Hr Or Hemorrhage	0.39013	0.22822	0.20859	0.00090	0.00166	0.00205	0.00252	0.00030	0.00009	0.00010
Minor	01 Head Trauma W Coma >1 Hr Or Hemorrhage	-0.03567	-0.12264	-0.02629	0.00014	0.00024	0.00024	0.00032	0.00000	0.00000	0.00000
Mod	01 Head Trauma W Coma >1 Hr Or Hemorrhage	-0.17407	-0.07281	0.00815	0.00047	0.00094	0.00111	0.00135	-0.00008	-0.00001	0.00000
Major	01 Head Trauma W Coma >1 Hr Or Hemorrhage	-0.11597	-0.08722	-0.06786	0.00024	0.00040	0.00058	0.00072	-0.00002	-0.00002	-0.00001
Any	01 Brain Contusion/Laceration & Complicated Skull Fx, Coma < 1 Hr Or No Coma	0.45473	0.09737	0.18003	0.00036	0.00048	0.00047	0.00056	0.00006	0.00000	0.00002
Mod	01 Brain Contusion/Laceration & Complicated Skull Fx, Coma < 1 Hr Or No Coma	-0.23255	0.01708	0.04144	0.00022	0.00026	0.00026	0.00029	-0.00001	0.00000	0.00000
Major	01 Brain Contusion/Laceration & Complicated Skull Fx, Coma < 1 Hr Or No Coma	-0.40577	0.06054	0.06325	0.00008	0.00013	0.00012	0.00016	-0.00002	0.00000	0.00000
Any	01 Concussion, Closed Skull Fx Nos, Uncomplicated Intracranial Injury, Coma < 1 Hr Or No Coma	-0.01457	-0.09153	0.15808	0.00054	0.00078	0.00076	0.00083	0.00000	0.00000	0.00001
Minor	01 Concussion, Closed Skull Fx Nos, Uncomplicated Intracranial Injury, Coma < 1 Hr Or No Coma	0.18334	0.22283	0.06450	0.00010	0.00011	0.00007	0.00010	0.00000	-0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	01 Concussion, Closed Skull Fx Nos, Uncomplicated Intracranial Injury, Coma < 1 Hr Or No Coma	0.13346	0.20190	-0.03772	0.00032	0.00049	0.00048	0.00051	0.00002	0.00000	0.00000
Major	01 Concussion, Closed Skull Fx Nos, Uncomplicated Intracranial Injury, Coma < 1 Hr Or No Coma	0.09551	0.12085	-0.04763	0.00011	0.00016	0.00019	0.00019	0.00000	0.00000	0.00000
Any	01 Other Disorders Of Nervous System	0.27138	0.18234	0.27057	0.00393	0.00465	0.00468	0.00454	0.00019	0.00001	-0.00004
Minor	01 Other Disorders Of Nervous System	-0.05643	-0.07166	-0.09222	0.00166	0.00220	0.00205	0.00181	-0.00003	0.00001	0.00002
Mod	01 Other Disorders Of Nervous System	-0.02672	-0.06127	-0.05184	0.00164	0.00184	0.00187	0.00180	-0.00001	0.00000	0.00000
Major	01 Other Disorders Of Nervous System	-0.08349	-0.02863	-0.04211	0.00061	0.00055	0.00068	0.00081	0.00000	0.00000	-0.00001
Any	02 Eye Procedures Except Orbit	0.03160	0.07080	-0.06130	0.00041	0.00027	0.00015	0.00021	0.00000	-0.00001	0.00000
Minor	02 Eye Procedures Except Orbit	0.03056	-0.06554	-0.04484	0.00013	0.00008	0.00006	0.00009	0.00000	0.00000	0.00000
Mod	02 Eye Procedures Except Orbit	0.18053	0.00079	0.05280	0.00022	0.00016	0.00007	0.00010	-0.00001	0.00000	0.00000
Any	02 Acute Major Eye Infections	0.18497	-0.03706	-0.08975	0.00017	0.00017	0.00020	0.00021	0.00000	0.00000	0.00000
Mod	02 Acute Major Eye Infections	-0.02851	0.06749	0.15962	0.00009	0.00010	0.00012	0.00013	0.00000	0.00000	0.00000
Any	02 Eye Disorders Except Major Infections	0.11621	0.17476	0.05037	0.00039	0.00048	0.00049	0.00054	0.00001	0.00000	0.00000
Mod	02 Eye Disorders Except Major Infections	-0.05748	-0.13395	0.03292	0.00025	0.00031	0.00028	0.00031	0.00000	0.00000	0.00000
Major	02 Eye Disorders Except Major Infections	-0.08336	-0.14447	-0.01423	0.00009	0.00007	0.00013	0.00014	0.00000	-0.00001	0.00000
Any	03 Major Cranial/Facial Bone Procedures	0.18856	0.08524	0.11647	0.00028	0.00021	0.00023	0.00022	-0.00001	0.00000	0.00000
Major	03 Major Cranial/Facial Bone Procedures	-0.07385	-0.13436	-0.06796	0.00018	0.00011	0.00013	0.00013	0.00000	0.00000	0.00000
Any	03 Major Larynx & Trachea Procedures	0.01359	-0.09637	-0.06652	0.00039	0.00024	0.00019	0.00017	0.00000	0.00001	0.00000
Mod	03 Major Larynx & Trachea Procedures	-0.03584	-0.04945	-0.06974	0.00031	0.00017	0.00014	0.00010	0.00001	0.00000	0.00000
Any	03 Other Major Head & Neck Procedures	0.10069	-0.03077	-0.09089	0.00024	0.00016	0.00016	0.00021	-0.00001	0.00000	0.00000
Mod	03 Other Major Head & Neck Procedures	-0.01987	0.02773	-0.02278	0.00014	0.00007	0.00007	0.00010	0.00000	0.00000	0.00000
Any	03 Facial Bone Procedures Except Major Cranial/Facial Bone Procedures	0.12438	0.04385	0.08103	0.00016	0.00011	0.00010	0.00015	-0.00001	0.00000	0.00000
Mod	03 Facial Bone Procedures Except Major Cranial/Facial Bone Procedures	0.12151	-0.13870	-0.00205	0.00008	0.00006	0.00004	0.00005	0.00000	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	03 Other Ear, Nose, Mouth & Throat Procedures	0.05519	0.15226	0.15853	0.00056	0.00048	0.00039	0.00046	0.00000	-0.00001	0.00001
Minor	03 Other Ear, Nose, Mouth & Throat Procedures	-0.02432	-0.27366	-0.16329	0.00016	0.00011	0.00009	0.00015	0.00000	0.00001	-0.00001
Mod	03 Other Ear, Nose, Mouth & Throat Procedures	-0.06385	-0.16353	-0.15970	0.00027	0.00023	0.00017	0.00019	0.00000	0.00001	0.00000
Major	03 Other Ear, Nose, Mouth & Throat Procedures	-0.12200	-0.13657	-0.32240	0.00010	0.00011	0.00010	0.00008	0.00000	0.00000	0.00001
Any	03 Ear, Nose, Mouth, Throat, Cranial/Facial Malignancies	-0.03748	-0.14443	-0.07760	0.00028	0.00032	0.00025	0.00024	0.00000	0.00001	0.00000
Mod	03 Ear, Nose, Mouth, Throat, Cranial/Facial Malignancies	-0.03105	-0.03089	-0.15707	0.00009	0.00007	0.00007	0.00005	0.00000	0.00000	0.00000
Major	F	0.01864	0.03860	-0.04691	0.00013	0.00017	0.00013	0.00012	0.00000	0.00000	0.00000
Any	03 Vertigo & Other Labyrinth Disorders	-0.03939	0.02548	-0.00773	0.00206	0.00297	0.00302	0.00321	-0.00004	0.00000	0.00000
Minor	03 Vertigo & Other Labyrinth Disorders	0.08128	-0.02561	0.05161	0.00061	0.00078	0.00081	0.00082	0.00001	0.00000	0.00000
Mod	03 Vertigo & Other Labyrinth Disorders	0.10758	-0.00969	0.08641	0.00123	0.00183	0.00178	0.00196	0.00006	0.00000	0.00002
Any	03 Infections Of Upper Respiratory Tract	-0.38314	-0.03782	0.34588	0.00130	0.00156	0.00110	0.00137	-0.00010	0.00002	0.00009
Minor	03 Infections Of Upper Respiratory Tract	0.39849	0.06347	-0.17001	0.00016	0.00013	0.00012	0.00011	-0.00001	0.00000	0.00000
Mod	03 Infections Of Upper Respiratory Tract	0.38670	0.06302	-0.28232	0.00087	0.00098	0.00067	0.00080	0.00004	-0.00002	-0.00004
Major	03 Infections Of Upper Respiratory Tract	0.43610	0.08239	-0.26024	0.00026	0.00042	0.00029	0.00044	0.00007	-0.00001	-0.00004
Any	03 Dental & Oral Diseases & Injuries	-0.05560	0.03235	0.13218	0.00029	0.00039	0.00043	0.00049	-0.00001	0.00000	0.00001
Mod	03 Dental & Oral Diseases & Injuries	0.15990	0.00696	0.00509	0.00019	0.00021	0.00024	0.00024	0.00000	0.00000	0.00000
Any	03 Other Ear, Nose, Mouth, Throat & Cranial/Facial Diagnoses	-0.03881	0.01923	0.17284	0.00126	0.00176	0.00166	0.00199	-0.00002	0.00000	0.00006
Minor	03 Other Ear, Nose, Mouth, Throat & Cranial/Facial Diagnoses	-0.00587	0.04177	-0.16484	0.00038	0.00057	0.00051	0.00060	0.00000	0.00000	-0.00002
Mod	03 Other Ear, Nose, Mouth, Throat & Cranial/Facial Diagnoses	0.11690	0.03790	-0.04303	0.00063	0.00083	0.00086	0.00089	0.00002	0.00000	0.00000
Major	03 Other Ear, Nose, Mouth, Throat & Cranial/Facial Diagnoses	0.08940	0.01522	-0.07378	0.00022	0.00031	0.00023	0.00039	0.00001	0.00000	-0.00001
Any	04 Major Respiratory & Chest Procedures	0.03143	0.01402	-0.04112	0.00194	0.00234	0.00211	0.00205	0.00001	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Minor	04 Major Respiratory & Chest Procedures	-0.07511	-0.16716	-0.09111	0.00029	0.00031	0.00023	0.00024	0.00000	0.00001	0.00000
Mod	04 Major Respiratory & Chest Procedures	-0.07645	-0.10778	-0.05182	0.00097	0.00109	0.00098	0.00088	-0.00001	0.00001	0.00001
Major	04 Major Respiratory & Chest Procedures	-0.06678	-0.04426	-0.00556	0.00053	0.00069	0.00064	0.00063	-0.00001	0.00000	0.00000
Any	04 Other Respiratory & Chest Procedures	0.06319	0.06409	0.05092	0.00179	0.00171	0.00169	0.00180	-0.00001	0.00000	0.00001
Minor	04 Other Respiratory & Chest Procedures	-0.10817	-0.19497	-0.17578	0.00031	0.00021	0.00019	0.00025	0.00001	0.00000	-0.00001
Mod	04 Other Respiratory & Chest Procedures	-0.11261	-0.17292	-0.14857	0.00081	0.00076	0.00073	0.00076	0.00001	0.00000	0.00000
Major	04 Other Respiratory & Chest Procedures	-0.08622	-0.13988	-0.08595	0.00049	0.00057	0.00054	0.00058	-0.00001	0.00000	0.00000
Any	04 Respiratory System Diagnosis W Ventilator Support 96+ Hours	0.18301	0.16875	-0.08118	0.00286	0.00244	0.00202	0.00187	-0.00008	-0.00007	0.00001
Mod	04 Respiratory System Diagnosis W Ventilator Support 96+ Hours	-0.10922	-0.13612	0.12482	0.00050	0.00028	0.00022	0.00022	0.00002	0.00001	0.00000
Major	04 Respiratory System Diagnosis W Ventilator Support 96+ Hours	-0.16609	-0.09233	0.19362	0.00137	0.00096	0.00082	0.00066	0.00007	0.00001	-0.00003
Extreme	04 Respiratory System Diagnosis W Ventilator Support 96+ Hours	-0.10190	-0.06734	0.16497	0.00093	0.00117	0.00096	0.00097	-0.00002	0.00001	0.00000
Any	04 Pulmonary Edema & Respiratory Failure	-0.04014	0.00123	0.04345	0.00620	0.00793	0.00930	0.00857	-0.00007	0.00000	-0.00003
Minor	04 Pulmonary Edema & Respiratory Failure	-0.03280	0.01794	0.01531	0.00012	0.00005	0.00003	0.00003	0.00000	0.00000	0.00000
Mod	04 Pulmonary Edema & Respiratory Failure	-0.05930	-0.09071	-0.04049	0.00145	0.00133	0.00132	0.00147	0.00001	0.00000	-0.00001
Major	04 Pulmonary Edema & Respiratory Failure	-0.02843	-0.03159	0.00028	0.00263	0.00372	0.00433	0.00366	-0.00003	-0.00002	0.00000
Any	04 Pulmonary Embolism	-0.10157	0.00023	0.03402	0.00341	0.00528	0.00577	0.00571	-0.00019	0.00000	0.00000
Minor	04 Pulmonary Embolism	-0.00229	-0.09917	-0.05555	0.00039	0.00056	0.00063	0.00056	0.00000	-0.00001	0.00000
Mod	04 Pulmonary Embolism	0.09668	-0.04014	-0.03701	0.00168	0.00253	0.00267	0.00261	0.00008	-0.00001	0.00000
Major	04 Pulmonary Embolism	0.05564	-0.01245	-0.00905	0.00116	0.00196	0.00217	0.00211	0.00004	0.00000	0.00000
Any	04 Major Chest & Respiratory Trauma	0.00141	-0.01471	0.20887	0.00139	0.00146	0.00146	0.00158	0.00000	0.00000	0.00002
Minor	04 Major Chest & Respiratory Trauma	0.06772	0.11147	-0.04779	0.00054	0.00046	0.00048	0.00054	0.00000	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	04 Major Chest & Respiratory Trauma	0.13911	0.06793	-0.09749	0.00044	0.00047	0.00046	0.00045	0.00001	0.00000	0.00000
Major	04 Major Chest & Respiratory Trauma	0.06419	0.17295	-0.13332	0.00037	0.00045	0.00045	0.00050	0.00001	0.00000	-0.00001
Any	04 Respiratory Malignancy	-0.12515	-0.17795	-0.13389	0.00313	0.00240	0.00219	0.00155	0.00009	0.00004	0.00009
Minor	04 Respiratory Malignancy	0.10583	-0.02246	0.06137	0.00012	0.00011	0.00009	0.00004	0.00000	0.00000	0.00000
Mod	04 Respiratory Malignancy	0.00191	0.00630	0.03389	0.00138	0.00092	0.00076	0.00047	0.00000	0.00000	-0.00001
Major	04 Respiratory Malignancy	-0.00563	0.00712	0.03910	0.00152	0.00125	0.00122	0.00090	0.00000	0.00000	-0.00001
Any	04 Major Respiratory Infections & Inflammations	0.15550	0.14341	0.14824	0.01413	0.01094	0.00988	0.00973	-0.00050	-0.00015	-0.00002
Minor	04 Major Respiratory Infections & Inflammations	-0.17445	-0.19427	-0.09923	0.00059	0.00040	0.00025	0.00027	0.00003	0.00003	0.00000
Mod	04 Major Respiratory Infections & Inflammations	-0.05159	-0.05457	-0.04079	0.00558	0.00404	0.00343	0.00295	0.00008	0.00003	0.00002
Major	04 Major Respiratory Infections & Inflammations	0.01144	0.00644	0.01093	0.00665	0.00523	0.00489	0.00476	-0.00002	0.00000	0.00000
Any	04 Other Pneumonia	-0.03810	0.00444	0.05079	0.04433	0.04366	0.03710	0.03418	0.00003	-0.00003	-0.00015
Minor	04 Other Pneumonia	0.02881	0.00567	-0.00520	0.00227	0.00191	0.00176	0.00196	-0.00001	0.00000	0.00000
Mod	04 Other Pneumonia	0.03360	0.00115	0.00472	0.02322	0.02142	0.01817	0.01538	-0.00006	0.00000	-0.00001
Major	04 Other Pneumonia	0.04181	0.01193	0.01979	0.01737	0.01849	0.01559	0.01426	0.00005	-0.00003	-0.00003
Any	04 Chronic Obstructive Pulmonary Disease	-0.10151	-0.05477	0.04226	0.02927	0.02832	0.02521	0.03084	0.00010	0.00017	0.00024
Minor	04 Chronic Obstructive Pulmonary Disease	0.01143	-0.03794	-0.04596	0.00626	0.00481	0.00386	0.00363	-0.00002	0.00004	0.00001
Mod	04 Chronic Obstructive Pulmonary Disease	0.03585	-0.01005	-0.03160	0.01490	0.01402	0.01253	0.01373	-0.00003	0.00001	-0.00004
Major	04 Chronic Obstructive Pulmonary Disease	0.01786	0.00817	0.00520	0.00714	0.00837	0.00780	0.01189	0.00002	0.00000	0.00002
Any	04 Asthma	0.04547	-0.11775	0.07069	0.00230	0.00212	0.00176	0.00207	-0.00001	0.00004	0.00002
Minor	04 Asthma	-0.04726	0.08704	-0.08460	0.00040	0.00037	0.00026	0.00032	0.00000	-0.00001	-0.00001
Mod	04 Asthma	-0.12376	0.09657	-0.03058	0.00138	0.00125	0.00104	0.00120	0.00002	-0.00002	0.00000
Major	04 Asthma	-0.07255	0.11051	-0.05058	0.00051	0.00046	0.00044	0.00050	0.00000	0.00000	0.00000
Any	04 Interstitial Lung Disease	-0.09960	-0.15100	0.01904	0.00127	0.00134	0.00117	0.00118	-0.00001	0.00003	0.00000
Mod	04 Interstitial Lung Disease	0.05090	0.02677	-0.03125	0.00056	0.00054	0.00050	0.00044	0.00000	0.00000	0.00000
Major	04 Interstitial Lung Disease	0.11287	0.14411	0.02375	0.00058	0.00065	0.00056	0.00058	0.00001	-0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	04 Other Respiratory Diagnoses Except Signs, Symptoms & Minor Diagnoses	-0.01016	-0.06960	0.06821	0.00290	0.00263	0.00225	0.00274	0.00000	0.00003	0.00003
Minor	04 Other Respiratory Diagnoses Except Signs, Symptoms & Minor Diagnoses	0.02987	0.04516	-0.04964	0.00022	0.00017	0.00014	0.00012	0.00000	0.00000	0.00000
Mod	04 Other Respiratory Diagnoses Except Signs, Symptoms & Minor Diagnoses	0.00153	0.05107	-0.09759	0.00147	0.00134	0.00109	0.00120	0.00000	-0.00001	-0.00001
Major	04 Other Respiratory Diagnoses Except Signs, Symptoms & Minor Diagnoses	0.05195	0.05053	-0.04416	0.00101	0.00095	0.00082	0.00110	0.00000	-0.00001	-0.00001
Any	04 Respiratory Signs, Symptoms & Minor Diagnoses	0.23861	0.17705	-0.03311	0.00660	0.00634	0.00614	0.00692	-0.00006	-0.00004	-0.00003
Minor	04 Respiratory Signs, Symptoms & Minor Diagnoses	-0.22731	-0.15486	0.09926	0.00137	0.00138	0.00122	0.00141	0.00000	0.00002	0.00002
Mod	04 Respiratory Signs, Symptoms & Minor Diagnoses	-0.19844	-0.14389	0.10683	0.00369	0.00335	0.00341	0.00369	0.00007	-0.00001	0.00003
Major	04 Respiratory Signs, Symptoms & Minor Diagnoses	-0.19640	-0.10588	0.13372	0.00149	0.00153	0.00139	0.00166	-0.00001	0.00001	0.00004
Any	05 Cardiac Defibrillator & Heart Assist Implant	-0.07126	-0.02826	-0.04936	0.00126	0.00314	0.00331	0.00338	-0.00013	0.00000	0.00000
Mod	05 Cardiac Defibrillator & Heart Assist Implant	0.07897	-0.00146	-0.01135	0.00041	0.00087	0.00097	0.00090	0.00004	0.00000	0.00000
Major	05 Cardiac Defibrillator & Heart Assist Implant	-0.01013	-0.00557	-0.02785	0.00061	0.00183	0.00188	0.00186	-0.00001	0.00000	0.00000
Extreme	05 Cardiac Defibrillator & Heart Assist Implant	0.11118	0.06601	0.02270	0.00015	0.00033	0.00033	0.00044	0.00002	0.00000	0.00000
Any	05 Cardiac Valve Procedures W Cardiac Catheterization	-0.01012	-0.04617	-0.07446	0.00232	0.00217	0.00194	0.00179	0.00000	0.00001	0.00001
Minor	05 Cardiac Valve Procedures W Cardiac Catheterization	-0.10774	-0.01004	-0.22231	0.00012	0.00011	0.00007	0.00006	0.00000	0.00000	0.00000
Mod	05 Cardiac Valve Procedures W Cardiac Catheterization	-0.08774	-0.05655	-0.09898	0.00060	0.00050	0.00037	0.00032	0.00001	0.00001	0.00000
Major	05 Cardiac Valve Procedures W Cardiac Catheterization	-0.05744	0.00827	-0.04500	0.00135	0.00113	0.00098	0.00086	0.00001	0.00000	0.00001
Any	05 Cardiac Valve Procedures W/O Cardiac Catheterization	0.04630	0.00959	-0.05256	0.00331	0.00333	0.00326	0.00340	0.00000	0.00000	-0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Minor	05 Cardiac Valve Procedures W/O Cardiac Catheterization	-0.23228	-0.15835	-0.09971	0.00030	0.00030	0.00022	0.00022	0.00000	0.00001	0.00000
Mod	05 Cardiac Valve Procedures W/O Cardiac Catheterization	-0.14621	-0.14239	-0.12595	0.00126	0.00111	0.00103	0.00095	0.00002	0.00001	0.00001
Major	05 Cardiac Valve Procedures W/O Cardiac Catheterization	-0.13906	-0.10701	-0.06459	0.00144	0.00149	0.00144	0.00156	-0.00001	0.00000	-0.00001
Any	05 Coronary Bypass W Cardiac Cath Or Percutaneous Cardiac Procedure	0.06255	-0.01162	-0.03113	0.01120	0.00847	0.00641	0.00554	-0.00017	0.00002	0.00003
Minor	05 Coronary Bypass W Cardiac Cath Or Percutaneous Cardiac Procedure	-0.19524	-0.11396	-0.16939	0.00066	0.00051	0.00026	0.00020	0.00003	0.00003	0.00001
Mod	05 Coronary Bypass W Cardiac Cath Or Percutaneous Cardiac Procedure	-0.16022	-0.05488	-0.09789	0.00582	0.00387	0.00264	0.00221	0.00031	0.00007	0.00004
Major	05 Coronary Bypass W Cardiac Cath Or Percutaneous Cardiac Procedure	-0.12918	-0.05581	-0.08136	0.00389	0.00319	0.00265	0.00221	0.00009	0.00003	0.00004
Any	05 Coronary Bypass W/O Cardiac Cath Or Percutaneous Cardiac Procedure	-0.03305	0.02061	-0.07796	0.00694	0.00586	0.00440	0.00404	0.00004	-0.00003	0.00003
Minor	05 Coronary Bypass W/O Cardiac Cath Or Percutaneous Cardiac Procedure	-0.12286	-0.16533	-0.12848	0.00074	0.00048	0.00028	0.00024	0.00003	0.00003	0.00001
Mod	05 Coronary Bypass W/O Cardiac Cath Or Percutaneous Cardiac Procedure	-0.07994	-0.12756	-0.05768	0.00401	0.00306	0.00216	0.00187	0.00008	0.00012	0.00002
Major	05 Coronary Bypass W/O Cardiac Cath Or Percutaneous Cardiac Procedure	-0.01555	-0.09096	-0.01778	0.00188	0.00183	0.00149	0.00145	0.00000	0.00003	0.00000
Any	05 Other Cardiothoracic Procedures	-0.13653	-0.03615	-0.10642	0.00031	0.00034	0.00031	0.00032	0.00000	0.00000	0.00000
Major	05 Other Cardiothoracic Procedures	-0.01263	-0.04531	0.01545	0.00016	0.00019	0.00015	0.00013	0.00000	0.00000	0.00000
Any	05 Major Thoracic & Abdominal Vascular Procedures	0.03085	0.00409	-0.00903	0.00341	0.00258	0.00181	0.00155	-0.00003	0.00000	0.00000
Minor	05 Major Thoracic & Abdominal Vascular Procedures	0.01834	-0.09168	-0.00767	0.00024	0.00019	0.00011	0.00010	0.00000	0.00001	0.00000
Mod	05 Major Thoracic & Abdominal Vascular Procedures	-0.08289	-0.04724	-0.06999	0.00145	0.00095	0.00067	0.00056	0.00004	0.00001	0.00001
Major	05 Major Thoracic & Abdominal Vascular Procedures	-0.02152	-0.00208	-0.02084	0.00122	0.00099	0.00065	0.00060	0.00001	0.00000	0.00000
Any	05 Permanent Cardiac Pacemaker Implant W Ami, Heart Failure Or Shock	-0.13838	0.05643	-0.07528	0.00113	0.00113	0.00084	0.00065	0.00000	-0.00002	0.00001
Minor	05 Permanent Cardiac Pacemaker Implant W Ami, Heart Failure Or Shock	0.04907	-0.03841	0.04995	0.00013	0.00008	0.00005	0.00005	0.00000	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	05 Permanent Cardiac Pacemaker Implant W Ami, Heart Failure Or Shock	0.11044	-0.08715	0.03563	0.00057	0.00057	0.00042	0.00028	0.00000	0.00001	0.00000
Major	05 Permanent Cardiac Pacemaker Implant W Ami, Heart Failure Or Shock	0.14890	-0.06787	0.07247	0.00039	0.00040	0.00031	0.00025	0.00000	0.00001	0.00000
Any	05 Perm Cardiac Pacemaker Implant W/O Ami, Heart Failure Or Shock	0.18454	0.07605	0.02034	0.00724	0.00815	0.00786	0.00885	0.00017	-0.00002	0.00002
Minor	05 Perm Cardiac Pacemaker Implant W/O Ami, Heart Failure Or Shock	-0.19878	-0.08850	-0.08084	0.00191	0.00203	0.00183	0.00216	-0.00002	0.00002	-0.00003
Mod	05 Perm Cardiac Pacemaker Implant W/O Ami, Heart Failure Or Shock	-0.17207	-0.08678	-0.05141	0.00392	0.00450	0.00420	0.00436	-0.00010	0.00003	-0.00001
Major	05 Perm Cardiac Pacemaker Implant W/O Ami, Heart Failure Or Shock	-0.20099	-0.05576	-0.04927	0.00126	0.00144	0.00163	0.00199	-0.00004	-0.00001	-0.00002
Any	05 Other Vascular Procedures Drg Med - Surg Mdc Long Descriptions	0.17388	0.04301	-0.00589	0.01149	0.01042	0.01026	0.01002	-0.00019	-0.00001	0.00000
Minor	05 Other Vascular Procedures Drg Med - Surg Mdc Long Descriptions	-0.13183	-0.08707	-0.05077	0.00222	0.00203	0.00191	0.00190	0.00003	0.00001	0.00000
Mod	05 Other Vascular Procedures Drg Med - Surg Mdc Long Descriptions	-0.09287	-0.04885	-0.05050	0.00445	0.00418	0.00391	0.00355	0.00003	0.00001	0.00002
Major	05 Other Vascular Procedures Drg Med - Surg Mdc Long Descriptions	-0.08703	-0.02125	-0.04641	0.00401	0.00343	0.00345	0.00351	0.00005	0.00000	0.00000
Any	05 Percutaneous Cardiovascular Procedures W Ami	-0.05866	-0.06147	-0.03719	0.00287	0.00431	0.00418	0.00434	-0.00008	0.00001	-0.00001
Minor	05 Percutaneous Cardiovascular Procedures W Ami	0.00838	-0.02642	-0.05965	0.00027	0.00040	0.00042	0.00055	0.00000	0.00000	-0.00001
Mod	05 Percutaneous Cardiovascular Procedures W Ami	0.00818	0.02328	-0.01873	0.00140	0.00205	0.00189	0.00190	0.00001	0.00000	0.00000
Major	05 Percutaneous Cardiovascular Procedures W Ami	0.01120	0.03142	0.01412	0.00071	0.00116	0.00122	0.00118	0.00000	0.00000	0.00000
Any	05 Percutaneous Cardiovascular Procedures W/O Ami	0.05225	0.00486	-0.00740	0.00515	0.00732	0.00800	0.00851	0.00011	0.00000	0.00000
Minor	05 Percutaneous Cardiovascular Procedures W/O Ami	-0.06542	0.03753	-0.04389	0.00116	0.00183	0.00221	0.00242	-0.00004	0.00001	-0.00001
Mod	05 Percutaneous Cardiovascular Procedures W/O Ami	-0.07120	-0.02869	-0.03057	0.00245	0.00341	0.00344	0.00348	-0.00007	0.00000	0.00000
Major	05 Percutaneous Cardiovascular Procedures W/O Ami	-0.12773	-0.04040	-0.04521	0.00121	0.00172	0.00192	0.00208	-0.00007	-0.00001	-0.00001
Any	05 Cardiac Pacemaker & Defibrillator Device Replacement	0.05205	0.04736	-0.07262	0.00056	0.00070	0.00077	0.00085	0.00001	0.00000	-0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Minor	05 Cardiac Pacemaker & Defibrillator Device Replacement	-0.03142	-0.04042	0.10725	0.00040	0.00042	0.00046	0.00044	0.00000	0.00000	0.00000
Major	05 Cardiac Pacemaker & Defibrillator Device Replacement	-0.06681	-0.05488	0.11695	0.00012	0.00018	0.00022	0.00032	0.00000	0.00000	0.00001
Any	05 Percutaneous Cardiovascular Procedures W Ami	-0.10606	0.01196	-0.12848	0.00029	0.00046	0.00060	0.00073	-0.00002	0.00000	-0.00002
Minor	05 Percutaneous Cardiovascular Procedures W Ami	0.01836	0.00711	0.04624	0.00012	0.00017	0.00019	0.00025	0.00000	0.00000	0.00000
Mod	05 Percutaneous Cardiovascular Procedures W Ami	-0.09660	-0.06572	0.00760	0.00012	0.00014	0.00023	0.00025	0.00000	-0.00001	0.00000
Any	05 Other Circulatory System Procedures	0.03398	-0.00670	-0.11415	0.00193	0.00153	0.00126	0.00123	-0.00001	0.00000	0.00000
Minor	05 Other Circulatory System Procedures	-0.03879	-0.07083	0.09504	0.00039	0.00017	0.00010	0.00009	0.00001	0.00001	0.00000
Mod	05 Other Circulatory System Procedures	-0.01486	-0.02581	0.08519	0.00056	0.00051	0.00038	0.00039	0.00000	0.00000	0.00000
Major	05 Other Circulatory System Procedures	-0.02025	-0.03176	0.03260	0.00082	0.00065	0.00058	0.00050	0.00000	0.00000	0.00000
Any	05 Acute Myocardial Infarction	-0.04724	-0.01360	0.01829	0.01335	0.01076	0.00933	0.00892	0.00012	0.00002	-0.00001
Minor	05 Acute Myocardial Infarction	-0.02241	-0.03128	-0.06560	0.00131	0.00091	0.00070	0.00067	0.00001	0.00001	0.00000
Mod	05 Acute Myocardial Infarction	-0.02352	-0.04254	-0.01041	0.00579	0.00394	0.00338	0.00307	0.00004	0.00002	0.00000
Major	05 Acute Myocardial Infarction	-0.01039	-0.01599	0.01443	0.00488	0.00431	0.00386	0.00352	0.00001	0.00001	0.00000
Any	05 Cardiac Catheterization W Circ Disord Exc Ischemic Heart Disease	-0.14573	-0.03757	-0.01520	0.00338	0.00374	0.00345	0.00367	-0.00005	0.00001	0.00000
Minor	05 Cardiac Catheterization W Circ Disord Exc Ischemic Heart Disease	0.09156	-0.01342	-0.00607	0.00024	0.00032	0.00025	0.00043	0.00001	0.00000	0.00000
Mod	05 Cardiac Catheterization W Circ Disord Exc Ischemic Heart Disease	0.07185	-0.04971	0.00835	0.00064	0.00070	0.00071	0.00076	0.00000	0.00000	0.00000
Major	05 Cardiac Catheterization W Circ Disord Exc Ischemic Heart Disease	0.01882	-0.04139	-0.00528	0.00230	0.00235	0.00209	0.00196	0.00000	0.00001	0.00000
Any	05 Cardiac Catheterization For Ischemic Heart Disease	-0.06392	-0.18728	0.07578	0.00376	0.00471	0.00455	0.00526	-0.00006	0.00003	0.00005
Minor	05 Cardiac Catheterization For Ischemic Heart Disease	0.01755	0.17382	-0.06797	0.00095	0.00136	0.00116	0.00148	0.00001	-0.00003	-0.00002
Mod	05 Cardiac Catheterization For Ischemic Heart Disease	0.03560	0.15861	-0.04554	0.00196	0.00237	0.00229	0.00257	0.00001	-0.00001	-0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	05 Cardiac Catheterization For Ischemic Heart Disease	-0.00279	0.14699	-0.02343	0.00077	0.00091	0.00102	0.00111	0.00000	0.00002	0.00000
Any	05 Acute & Subacute Endocarditis	-0.02502	0.02346	0.02387	0.00041	0.00033	0.00030	0.00027	0.00000	0.00000	0.00000
Mod	05 Acute & Subacute Endocarditis	-0.08975	-0.01030	0.00373	0.00014	0.00008	0.00007	0.00006	0.00001	0.00000	0.00000
Major	05 Acute & Subacute Endocarditis	0.01372	-0.09116	-0.03367	0.00019	0.00019	0.00014	0.00013	0.00000	0.00001	0.00000
Any	05 Heart Failure	-0.05508	-0.01883	0.04027	0.06093	0.05333	0.04901	0.04534	0.00042	0.00008	-0.00015
Minor	05 Heart Failure	-0.02686	-0.03818	-0.05034	0.00847	0.00558	0.00470	0.00342	0.00008	0.00003	0.00006
Mod	05 Heart Failure	-0.00863	-0.03130	-0.04093	0.03778	0.03189	0.02742	0.02230	0.00005	0.00014	0.00021
Major	05 Heart Failure	0.01093	-0.01975	-0.02531	0.01323	0.01397	0.01500	0.01679	0.00001	-0.00002	-0.00005
Any	05 Cardiac Arrest	-0.02919	-0.01325	-0.14004	0.00009	0.00008	0.00008	0.00009	0.00000	0.00000	0.00000
Any	05 Peripheral & Other Vascular Disorders	0.07850	0.01356	0.08261	0.01385	0.01299	0.01174	0.01213	-0.00007	-0.00002	0.00003
Minor	05 Peripheral & Other Vascular Disorders	-0.11006	-0.08048	-0.09453	0.00305	0.00293	0.00243	0.00242	0.00001	0.00004	0.00000
Mod	05 Peripheral & Other Vascular Disorders	-0.05834	-0.03861	-0.06456	0.00744	0.00646	0.00578	0.00554	0.00006	0.00003	0.00002
Major	05 Peripheral & Other Vascular Disorders	-0.04389	-0.01914	-0.08031	0.00320	0.00329	0.00319	0.00372	0.00000	0.00000	-0.00004
Any	05 Angina Pectoris & Coronary Atherosclerosis	-0.01396	-0.00063	-0.02839	0.01258	0.01089	0.00973	0.00968	0.00002	0.00000	0.00000
Minor	05 Angina Pectoris & Coronary Atherosclerosis	-0.01233	-0.00151	0.03201	0.00318	0.00293	0.00238	0.00259	0.00000	0.00000	0.00001
Mod	05 Angina Pectoris & Coronary Atherosclerosis	-0.01551	0.00438	0.07060	0.00719	0.00600	0.00530	0.00507	0.00002	0.00000	-0.00002
Major	05 Angina Pectoris & Coronary Atherosclerosis	-0.02624	-0.01955	0.09658	0.00214	0.00188	0.00192	0.00190	0.00001	0.00000	0.00000
Any	05 Hypertension	-0.24351	-0.02992	-0.07037	0.00243	0.00333	0.00347	0.00382	-0.00022	0.00000	-0.00002
Minor	05 Hypertension	0.16794	-0.04149	0.07330	0.00083	0.00098	0.00100	0.00107	0.00002	0.00000	0.00001
Mod	05 Hypertension	0.22529	0.01931	0.06086	0.00127	0.00190	0.00194	0.00206	0.00014	0.00000	0.00001
Major	05 Hypertension	0.13723	0.02134	0.12903	0.00032	0.00042	0.00050	0.00064	0.00001	0.00000	0.00002
Any	05 Cardiac Structural & Valvular Disorders	0.04773	-0.07283	0.06604	0.00048	0.00051	0.00047	0.00059	0.00000	0.00000	0.00001
Mod	05 Cardiac Structural & Valvular Disorders	-0.06702	0.00082	-0.04781	0.00027	0.00027	0.00025	0.00024	0.00000	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	05 Cardiac Structural & Valvular Disorders	-0.00761	0.04583	0.00244	0.00013	0.00019	0.00017	0.00024	0.00000	0.00000	0.00000
Any	05 Cardiac Arrhythmia & Conduction Disorders	-0.00984	0.02937	0.02353	0.01525	0.01585	0.01595	0.01937	-0.00001	0.00000	0.00008
Minor	05 Cardiac Arrhythmia & Conduction Disorders	-0.02638	-0.08771	-0.05232	0.00260	0.00272	0.00237	0.00307	0.00000	0.00003	-0.00004
Mod	05 Cardiac Arrhythmia & Conduction Disorders	-0.01703	-0.07747	-0.01878	0.00858	0.00817	0.00809	0.00904	0.00001	0.00001	-0.00002
Major	05 Cardiac Arrhythmia & Conduction Disorders	-0.01521	-0.06158	-0.01628	0.00377	0.00456	0.00493	0.00644	-0.00001	-0.00002	-0.00002
Any	05 Chest Pain	-0.04900	0.03413	-0.07510	0.00462	0.00661	0.00665	0.00737	-0.00010	0.00000	-0.00005
Minor	05 Chest Pain	0.07393	-0.03310	0.10586	0.00169	0.00225	0.00194	0.00233	0.00004	0.00001	0.00004
Mod	05 Chest Pain	0.07075	-0.00470	0.13349	0.00237	0.00346	0.00360	0.00385	0.00008	0.00000	0.00003
Major	05 Chest Pain	0.10473	-0.02625	0.14696	0.00055	0.00086	0.00104	0.00110	0.00003	0.00000	0.00001
Any	05 Syncope & Collapse	-0.06111	0.12742	-0.03209	0.00999	0.01293	0.01302	0.01466	-0.00018	0.00001	-0.00005
Minor	05 Syncope & Collapse	0.07699	-0.11534	0.10012	0.00205	0.00242	0.00205	0.00246	0.00003	0.00004	0.00004
Mod	05 Syncope & Collapse	0.11569	-0.09137	0.12091	0.00634	0.00804	0.00795	0.00879	0.00020	0.00001	0.00010
Major	05 Syncope & Collapse	0.11948	-0.07579	0.08905	0.00158	0.00239	0.00291	0.00323	0.00010	-0.00004	0.00003
Any	05 Cardiomyopathy	-0.15218	-0.02170	0.13405	0.00040	0.00022	0.00016	0.00012	0.00003	0.00000	-0.00001
Mod	05 Cardiomyopathy	0.04063	0.05581	-0.12940	0.00021	0.00012	0.00008	0.00005	0.00000	0.00000	0.00000
Major	05 Cardiomyopathy	0.05236	-0.00266	-0.10492	0.00014	0.00008	0.00006	0.00005	0.00000	0.00000	0.00000
Any	05 Malfunction,Reaction,Complication Of Cardiac/Vasc Device Or Procedure	-0.08752	-0.04585	-0.03539	0.00146	0.00189	0.00208	0.00232	-0.00004	-0.00001	-0.00001
Mod	05 Malfunction,Reaction,Complication Of Cardiac/Vasc Device Or Procedure	-0.01012	-0.05432	-0.06395	0.00065	0.00063	0.00058	0.00054	0.00000	0.00000	0.00000
Major	05 Malfunction,Reaction,Complication Of Cardiac/Vasc Device Or Procedure	0.07412	0.00277	0.02079	0.00056	0.00085	0.00091	0.00090	0.00002	0.00000	0.00000
Extreme	05 Malfunction,Reaction,Complication Of Cardiac/Vasc Device Or Procedure	0.05034	0.01332	0.02875	0.00019	0.00034	0.00054	0.00081	0.00001	0.00000	0.00001
Any	05 Other Circulatory System Diagnoses	-0.10684	-0.02736	-0.01284	0.00264	0.00355	0.00365	0.00379	-0.00010	0.00000	0.00000
Minor	05 Other Circulatory System Diagnoses	0.11816	0.07262	0.12177	0.00109	0.00135	0.00126	0.00143	0.00003	-0.00001	0.00002
Mod	05 Other Circulatory System Diagnoses	0.09652	0.03737	0.06341	0.00097	0.00135	0.00141	0.00142	0.00004	0.00000	0.00000
Major	05 Other Circulatory System Diagnoses	0.04267	-0.01757	0.03489	0.00050	0.00066	0.00072	0.00061	0.00001	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	06 Major Stomach, Esophageal & Duodenal Procedures	0.04306	0.04973	0.00411	0.00253	0.00228	0.00201	0.00208	-0.00001	-0.00001	0.00000
Minor	06 Major Stomach, Esophageal & Duodenal Procedures	-0.05649	-0.10037	-0.11832	0.00034	0.00034	0.00034	0.00036	0.00000	0.00000	0.00000
Mod	06 Major Stomach, Esophageal & Duodenal Procedures	-0.03838	-0.14042	-0.07980	0.00083	0.00069	0.00056	0.00054	0.00001	0.00002	0.00000
Major	06 Major Stomach, Esophageal & Duodenal Procedures	-0.06662	-0.10425	-0.08922	0.00102	0.00081	0.00070	0.00062	0.00001	0.00001	0.00001
Any	06 Major Small & Large Bowel Procedures	0.00099	-0.02148	-0.03788	0.01626	0.01510	0.01345	0.01301	0.00000	0.00004	0.00002
Minor	06 Major Small & Large Bowel Procedures	-0.05773	-0.07050	-0.05726	0.00167	0.00170	0.00140	0.00165	0.00000	0.00002	-0.00001
Mod	06 Major Small & Large Bowel Procedures	-0.04508	-0.06878	-0.07379	0.00740	0.00623	0.00513	0.00476	0.00005	0.00008	0.00003
Major	06 Major Small & Large Bowel Procedures	-0.02596	-0.03794	-0.03016	0.00570	0.00513	0.00476	0.00433	0.00001	0.00001	0.00001
Any	06 Other Stomach, Esophageal & Duodenal Procedures	0.06063	-0.10057	-0.09912	0.00019	0.00020	0.00015	0.00018	0.00000	0.00000	0.00000
Mod	06 Other Stomach, Esophageal & Duodenal Procedures	-0.03830	0.13949	0.17281	0.00009	0.00008	0.00006	0.00006	0.00000	0.00000	0.00000
Any	06 Other Small & Large Bowel Procedures	0.21663	-0.10292	-0.02722	0.00158	0.00154	0.00144	0.00147	-0.00001	0.00001	0.00000
Minor	06 Other Small & Large Bowel Procedures	-0.22343	0.03065	-0.10875	0.00047	0.00042	0.00035	0.00034	0.00001	0.00000	0.00000
Mod	06 Other Small & Large Bowel Procedures	-0.22418	-0.00953	-0.06889	0.00061	0.00058	0.00053	0.00052	0.00001	0.00000	0.00000
Major	06 Other Small & Large Bowel Procedures	-0.26116	0.00276	-0.11614	0.00041	0.00042	0.00041	0.00044	0.00000	0.00000	0.00000
Any	06 Peritoneal Adhesiolysis	0.07064	-0.00083	0.03404	0.00108	0.00107	0.00101	0.00116	0.00000	0.00000	0.00001
Minor	06 Peritoneal Adhesiolysis	-0.14474	0.01556	-0.06871	0.00016	0.00010	0.00010	0.00012	0.00001	0.00000	0.00000
Mod	06 Peritoneal Adhesiolysis	-0.05491	-0.01407	-0.10599	0.00048	0.00044	0.00039	0.00044	0.00000	0.00000	-0.00001
Major	06 Peritoneal Adhesiolysis	-0.04942	0.00420	-0.06155	0.00034	0.00039	0.00034	0.00042	0.00000	0.00000	0.00000
Any	06 Appendectomy	-0.18154	-0.07941	-0.13728	0.00085	0.00085	0.00078	0.00094	0.00000	0.00001	-0.00002
Mod	06 Appendectomy	0.10027	0.00369	0.10634	0.00048	0.00042	0.00038	0.00047	-0.00001	0.00000	0.00001
Major	06 Appendectomy	0.09473	0.03062	-0.00021	0.00026	0.00027	0.00026	0.00026	0.00000	0.00000	0.00000
Any	06 Anal Procedures	0.05519	-0.10176	0.02064	0.00075	0.00086	0.00065	0.00078	0.00001	0.00002	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Minor	06 Anal Procedures	-0.09461	0.12871	-0.08807	0.00034	0.00039	0.00023	0.00032	0.00000	-0.00002	-0.00001
Mod	06 Anal Procedures	-0.03848	0.03924	-0.07867	0.00032	0.00035	0.00030	0.00029	0.00000	0.00000	0.00000
Any	06 Hernia Procedures Except Inguinal, Femoral & Umbilical	0.08383	-0.00097	-0.05503	0.00191	0.00228	0.00206	0.00262	0.00003	0.00000	-0.00003
Minor	06 Hernia Procedures Except Inguinal, Femoral & Umbilical	-0.11543	-0.04573	-0.01525	0.00064	0.00080	0.00057	0.00075	-0.00002	0.00001	0.00000
Mod	06 Hernia Procedures Except Inguinal, Femoral & Umbilical	-0.12688	-0.07526	-0.02934	0.00095	0.00101	0.00099	0.00121	-0.00001	0.00000	-0.00001
Major	06 Hernia Procedures Except Inguinal, Femoral & Umbilical	-0.12692	0.00570	0.02015	0.00026	0.00040	0.00040	0.00051	-0.00002	0.00000	0.00000
Any	06 Inguinal, Femoral & Umbilical Hernia Procedures	0.07441	-0.06126	-0.00390	0.00122	0.00131	0.00120	0.00133	0.00001	0.00001	0.00000
Minor	06 Inguinal, Femoral & Umbilical Hernia Procedures	-0.07420	0.08320	-0.07609	0.00037	0.00037	0.00028	0.00032	0.00000	-0.00001	0.00000
Mod	06 Inguinal, Femoral & Umbilical Hernia Procedures	-0.06345	0.10244	0.00928	0.00060	0.00071	0.00064	0.00070	-0.00001	-0.00001	0.00000
Major	06 Inguinal, Femoral & Umbilical Hernia Procedures	-0.11495	0.01175	0.00703	0.00022	0.00020	0.00024	0.00026	0.00000	0.00000	0.00000
Any	06 Other Digestive System & Abdominal Procedures	-0.14787	-0.03290	-0.23340	0.00078	0.00070	0.00065	0.00062	0.00001	0.00000	0.00001
Mod	06 Other Digestive System & Abdominal Procedures	0.15197	-0.03594	0.13553	0.00028	0.00028	0.00026	0.00019	0.00000	0.00000	-0.00001
Major	06 Other Digestive System & Abdominal Procedures	0.12871	0.05526	0.17528	0.00033	0.00030	0.00025	0.00024	0.00000	0.00000	0.00000
Extreme	06 Other Digestive System & Abdominal Procedures	0.11276	0.01306	0.19329	0.00010	0.00006	0.00008	0.00013	0.00000	0.00000	0.00001
Any	06 Digestive Malignancy	-0.03302	-0.06140	-0.14019	0.00146	0.00123	0.00102	0.00089	0.00001	0.00001	0.00002
Minor	06 Digestive Malignancy	-0.00736	-0.04870	0.24783	0.00008	0.00008	0.00004	0.00004	0.00000	0.00000	0.00000
Mod	06 Digestive Malignancy	-0.04158	-0.09165	0.03047	0.00056	0.00043	0.00037	0.00030	0.00001	0.00000	0.00000
Major	06 Digestive Malignancy	-0.03737	-0.03658	0.03239	0.00074	0.00065	0.00053	0.00046	0.00000	0.00000	0.00000
Any	06 Peptic Ulcer & Gastritis	-0.00749	0.04499	0.01213	0.00900	0.00883	0.00786	0.00736	0.00000	-0.00004	-0.00001
Minor	06 Peptic Ulcer & Gastritis	0.05229	-0.02406	-0.01815	0.00107	0.00106	0.00085	0.00096	0.00000	0.00001	0.00000
Mod	06 Peptic Ulcer & Gastritis	0.02801	-0.02037	0.05566	0.00480	0.00437	0.00379	0.00329	-0.00001	0.00001	-0.00003
Major	06 Peptic Ulcer & Gastritis	0.07065	-0.00259	0.07528	0.00293	0.00302	0.00287	0.00273	0.00001	0.00000	-0.00001
Any	06 Major Esophageal Disorders	0.13683	0.09891	-0.06977	0.00057	0.00060	0.00066	0.00062	0.00000	0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	06 Major Esophageal Disorders	-0.02379	-0.07412	0.17122	0.00027	0.00025	0.00026	0.00022	0.00000	0.00000	-0.00001
Major	06 Major Esophageal Disorders	-0.07716	-0.09019	0.14239	0.00025	0.00027	0.00031	0.00032	0.00000	0.00000	0.00000
Any	06 Other Esophageal Disorders	0.02921	-0.11859	0.02006	0.00281	0.00302	0.00275	0.00301	0.00001	0.00003	0.00001
Minor	06 Other Esophageal Disorders	-0.02482	0.08081	-0.00358	0.00042	0.00039	0.00036	0.00044	0.00000	0.00000	0.00000
Mod	06 Other Esophageal Disorders	-0.00791	0.12963	0.05786	0.00163	0.00163	0.00154	0.00153	0.00000	-0.00001	0.00000
Major	06 Other Esophageal Disorders	0.04485	0.15932	0.07357	0.00070	0.00094	0.00079	0.00091	0.00001	-0.00002	0.00001
Any	06 Diverticulitis & Diverticulosis	0.01658	0.08089	0.14610	0.00607	0.00708	0.00667	0.00685	0.00002	-0.00003	0.00003
Minor	06 Diverticulitis & Diverticulosis	0.01719	-0.09360	-0.08956	0.00075	0.00116	0.00095	0.00113	0.00001	0.00002	-0.00002
Mod	06 Diverticulitis & Diverticulosis	-0.00773	-0.04855	-0.10324	0.00387	0.00404	0.00370	0.00362	0.00000	0.00002	0.00001
Major	06 Diverticulitis & Diverticulosis	0.00068	-0.05850	-0.05779	0.00138	0.00176	0.00189	0.00187	0.00000	-0.00001	0.00000
Any	06 Inflammatory Bowel Disease	-0.02266	0.02102	-0.01688	0.00063	0.00061	0.00056	0.00062	0.00000	0.00000	0.00000
Mod	06 Inflammatory Bowel Disease	0.03538	-0.03787	0.08600	0.00034	0.00030	0.00024	0.00026	0.00000	0.00000	0.00000
Major	06 Inflammatory Bowel Disease	0.01053	-0.11802	0.03328	0.00021	0.00022	0.00023	0.00025	0.00000	0.00000	0.00000
Any	06 Gastrointestinal Vascular Insufficiency	0.02030	-0.02386	0.07190	0.00089	0.00125	0.00119	0.00149	0.00001	0.00000	0.00002
Minor	06 Gastrointestinal Vascular Insufficiency	-0.09681	0.15981	0.10208	0.00008	0.00011	0.00010	0.00014	0.00000	0.00000	0.00000
Mod	06 Gastrointestinal Vascular Insufficiency	-0.03003	-0.00788	0.01268	0.00050	0.00066	0.00060	0.00074	0.00000	0.00000	0.00000
Major	06 Gastrointestinal Vascular Insufficiency	0.09183	0.07428	0.05890	0.00026	0.00042	0.00043	0.00049	0.00002	0.00000	0.00000
Any	06 Intestinal Obstruction	0.06595	0.13838	0.07989	0.00710	0.00686	0.00622	0.00699	-0.00002	-0.00009	0.00006
Minor	06 Intestinal Obstruction	-0.02548	-0.14273	-0.04906	0.00062	0.00076	0.00066	0.00081	0.00000	0.00001	-0.00001
Mod	06 Intestinal Obstruction	0.00574	-0.08617	0.02372	0.00426	0.00377	0.00331	0.00342	0.00000	0.00004	0.00000
Major	06 Intestinal Obstruction	0.02802	-0.08023	-0.01146	0.00203	0.00211	0.00200	0.00240	0.00000	0.00001	0.00000
Any	06 Major Gastrointestinal & Peritoneal Infections	0.06627	0.12771	0.05119	0.00225	0.00362	0.00432	0.00464	0.00009	0.00009	0.00002
Minor	06 Major Gastrointestinal & Peritoneal Infections	-0.09516	-0.07928	0.07819	0.00012	0.00011	0.00012	0.00012	0.00000	0.00000	0.00000
Mod	06 Major Gastrointestinal & Peritoneal Infections	-0.01698	-0.10134	0.02267	0.00100	0.00150	0.00172	0.00158	-0.00001	-0.00002	0.00000
Major	06 Major Gastrointestinal & Peritoneal Infections	-0.00869	-0.07293	0.04406	0.00107	0.00180	0.00207	0.00239	-0.00001	-0.00002	0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	06 Non-Bacterial Gastroenteritis, Nausea & Vomiting	0.10293	0.03968	0.07911	0.00735	0.00843	0.00990	0.00996	0.00011	0.00006	0.00000
Minor	06 Non-Bacterial Gastroenteritis, Nausea & Vomiting	-0.03836	0.04053	-0.06376	0.00049	0.00067	0.00069	0.00079	-0.00001	0.00000	-0.00001
Mod	06 Non-Bacterial Gastroenteritis, Nausea & Vomiting	-0.06835	0.08230	0.00046	0.00491	0.00539	0.00609	0.00583	-0.00003	0.00006	0.00000
Major	06 Non-Bacterial Gastroenteritis, Nausea & Vomiting	-0.02170	0.06832	-0.03022	0.00187	0.00226	0.00296	0.00312	-0.00001	0.00005	0.00000
Any	06 Abdominal Pain	0.15094	-0.13261	0.15570	0.00212	0.00255	0.00258	0.00262	0.00006	0.00000	0.00001
Minor	06 Abdominal Pain	-0.08509	0.12187	-0.12019	0.00037	0.00044	0.00041	0.00050	-0.00001	0.00000	-0.00001
Mod	06 Abdominal Pain	-0.13037	0.12402	-0.09404	0.00136	0.00148	0.00150	0.00141	-0.00002	0.00000	0.00001
Major	06 Abdominal Pain	-0.17154	0.16954	-0.09964	0.00038	0.00062	0.00062	0.00065	-0.00004	0.00000	0.00000
Any	06 Malfunction, Reaction & Complication Of Gi Device Or Procedure	0.04451	0.03013	-0.01952	0.00138	0.00149	0.00137	0.00134	0.00001	0.00000	0.00000
Minor	06 Malfunction, Reaction & Complication Of Gi Device Or Procedure	0.00010	-0.03351	-0.08366	0.00012	0.00014	0.00009	0.00011	0.00000	0.00000	0.00000
Mod	06 Malfunction, Reaction & Complication Of Gi Device Or Procedure	0.14598	0.09843	0.05472	0.00069	0.00070	0.00062	0.00056	0.00000	-0.00001	0.00000
Major	06 Malfunction, Reaction & Complication Of Gi Device Or Procedure	0.11109	0.12913	0.09268	0.00051	0.00054	0.00057	0.00054	0.00000	0.00000	0.00000
Any	06 Other & Unspecified Gastrointestinal Hemorrhage	-0.07484	0.04257	0.06797	0.00634	0.00613	0.00654	0.00735	0.00002	0.00002	0.00005
Minor	06 Other & Unspecified Gastrointestinal Hemorrhage	0.06936	-0.08136	0.03076	0.00068	0.00065	0.00060	0.00076	0.00000	0.00000	0.00001
Mod	06 Other & Unspecified Gastrointestinal Hemorrhage	0.12060	-0.00657	-0.00847	0.00347	0.00307	0.00310	0.00322	-0.00005	0.00000	0.00000
Major	06 Other & Unspecified Gastrointestinal Hemorrhage	0.11956	-0.03906	0.02661	0.00205	0.00213	0.00247	0.00289	0.00001	-0.00001	0.00001
Any	06 Other Digestive System Diagnoses	0.03811	0.08252	0.10443	0.00670	0.00762	0.00748	0.00800	0.00003	-0.00001	0.00005
Minor	06 Other Digestive System Diagnoses	0.02866	-0.04669	-0.02154	0.00206	0.00246	0.00211	0.00234	0.00001	0.00002	-0.00001
Mod	06 Other Digestive System Diagnoses	0.00595	-0.05344	-0.02269	0.00286	0.00291	0.00289	0.00298	0.00000	0.00000	0.00000
Major	06 Other Digestive System Diagnoses	0.00915	-0.05804	-0.03411	0.00164	0.00208	0.00221	0.00229	0.00000	-0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	07 Major Pancreas, Liver & Shunt Procedures	-0.10134	-0.24411	-0.15964	0.00083	0.00091	0.00086	0.00083	-0.00001	0.00001	0.00001
Mod	07 Major Pancreas, Liver & Shunt Procedures	-0.05253	0.17413	0.08335	0.00022	0.00023	0.00023	0.00024	0.00000	0.00000	0.00000
Major	07 Major Pancreas, Liver & Shunt Procedures	0.02580	0.14032	0.04823	0.00046	0.00046	0.00044	0.00038	0.00000	0.00000	0.00000
Extreme	07 Major Pancreas, Liver & Shunt Procedures	0.01090	0.24863	0.17568	0.00012	0.00016	0.00015	0.00015	0.00000	0.00000	0.00000
Any	07 Major Biliary Tract Procedures	0.11299	-0.01774	0.00820	0.00065	0.00042	0.00031	0.00032	-0.00003	0.00000	0.00000
Mod	07 Major Biliary Tract Procedures	-0.19016	-0.09221	-0.09473	0.00030	0.00022	0.00012	0.00011	0.00002	0.00001	0.00000
Major	07 Major Biliary Tract Procedures	-0.21398	-0.14017	-0.05762	0.00023	0.00014	0.00013	0.00014	0.00002	0.00000	0.00000
Any	07 Cholecystectomy Except Laparoscopic	-0.03449	-0.00102	-0.03282	0.00234	0.00205	0.00161	0.00171	0.00001	0.00000	0.00000
Minor	07 Cholecystectomy Except Laparoscopic	0.02876	-0.02539	-0.01312	0.00025	0.00029	0.00016	0.00021	0.00000	0.00000	0.00000
Mod	07 Cholecystectomy Except Laparoscopic	0.05303	-0.04708	0.02852	0.00113	0.00082	0.00061	0.00070	-0.00002	0.00001	0.00000
Major	07 Cholecystectomy Except Laparoscopic	0.06707	0.02268	-0.01177	0.00074	0.00069	0.00063	0.00058	0.00000	0.00000	0.00000
Any	07 Laparoscopic Cholecystectomy	0.08180	0.05872	0.04490	0.00388	0.00498	0.00488	0.00597	0.00009	-0.00001	0.00005
Minor	07 Laparoscopic Cholecystectomy	-0.02245	-0.06245	-0.10014	0.00058	0.00084	0.00064	0.00091	-0.00001	0.00001	-0.00003
Mod	07 Laparoscopic Cholecystectomy	0.01586	-0.03018	-0.02218	0.00174	0.00218	0.00212	0.00261	0.00001	0.00000	-0.00001
Major	07 Laparoscopic Cholecystectomy	-0.07994	-0.02225	-0.07011	0.00134	0.00173	0.00181	0.00197	-0.00003	0.00000	-0.00001
Any	07 Other Hepatobiliary, Pancreas & Abdominal Procedures	-0.18022	-0.09444	-0.04637	0.00037	0.00025	0.00027	0.00024	0.00002	0.00000	0.00000
Mod	07 Other Hepatobiliary, Pancreas & Abdominal Procedures	0.08562	0.13674	-0.19458	0.00008	0.00005	0.00006	0.00007	0.00000	0.00000	0.00000
Major	07 Other Hepatobiliary, Pancreas & Abdominal Procedures	0.09663	0.03966	-0.10562	0.00019	0.00012	0.00012	0.00009	-0.00001	0.00000	0.00000
Any	07 Hepatic Coma & Other Major Acute Liver Disorders	0.01574	0.05955	0.05825	0.00073	0.00095	0.00099	0.00110	0.00000	0.00000	0.00001
Mod	07 Hepatic Coma & Other Major Acute Liver Disorders	-0.05263	-0.08898	-0.02822	0.00034	0.00039	0.00038	0.00036	0.00000	0.00000	0.00000
Major	07 Hepatic Coma & Other Major Acute Liver Disorders	-0.12555	-0.12953	-0.06639	0.00033	0.00044	0.00048	0.00055	-0.00001	0.00000	-0.00001
Any	07 Alcoholic Liver Disease	0.07183	-0.04993	-0.12407	0.00056	0.00039	0.00041	0.00029	-0.00001	0.00000	0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	07 Alcoholic Liver Disease	-0.23564	-0.03343	0.05716	0.00016	0.00013	0.00011	0.00007	0.00001	0.00000	0.00000
Major	07 Alcoholic Liver Disease	-0.15066	0.09322	0.11012	0.00035	0.00020	0.00024	0.00017	0.00002	0.00000	-0.00001
Any	07 Malignancy Of Hepatobiliary System & Pancreas	-0.10410	-0.25732	-0.14627	0.00111	0.00088	0.00071	0.00060	0.00002	0.00004	0.00002
Mod	07 Malignancy Of Hepatobiliary System & Pancreas	-0.03612	0.06943	-0.01401	0.00052	0.00036	0.00026	0.00020	0.00001	-0.00001	0.00000
Major	07 Malignancy Of Hepatobiliary System & Pancreas	-0.00253	0.03791	0.04337	0.00047	0.00041	0.00036	0.00032	0.00000	0.00000	0.00000
Any	07 Disorders Of Pancreas Except Malignancy	-0.00683	-0.03741	0.02471	0.00232	0.00288	0.00282	0.00304	0.00000	0.00000	0.00001
Minor	07 Disorders Of Pancreas Except Malignancy	-0.04211	-0.03645	0.03444	0.00027	0.00044	0.00030	0.00042	-0.00001	0.00001	0.00000
Mod	07 Disorders Of Pancreas Except Malignancy	-0.02510	-0.00775	-0.00373	0.00131	0.00143	0.00135	0.00135	0.00000	0.00000	0.00000
Major	07 Disorders Of Pancreas Except Malignancy	0.02589	0.00579	-0.01061	0.00065	0.00084	0.00097	0.00098	0.00000	0.00000	0.00000
Any	07 Other Disorders Of The Liver	-0.03645	0.08958	-0.00907	0.00107	0.00118	0.00109	0.00095	0.00000	-0.00001	0.00000
Mod	07 Other Disorders Of The Liver	0.09027	-0.11221	0.04324	0.00030	0.00037	0.00037	0.00029	0.00001	0.00000	0.00000
Major	07 Other Disorders Of The Liver	-0.04520	-0.15210	0.02459	0.00060	0.00063	0.00058	0.00051	0.00000	0.00001	0.00000
Extreme	07 Other Disorders Of The Liver	0.06730	-0.21622	0.01720	0.00011	0.00011	0.00011	0.00011	0.00000	0.00000	0.00000
Any	07 Disorders Of Gallbladder & Biliary Tract	-0.05990	0.04074	-0.00580	0.00214	0.00242	0.00250	0.00275	-0.00002	0.00000	0.00000
Minor	07 Disorders Of Gallbladder & Biliary Tract	0.09303	-0.09423	-0.01513	0.00016	0.00024	0.00023	0.00030	0.00001	0.00000	0.00000
Mod	07 Disorders Of Gallbladder & Biliary Tract	0.06167	-0.05255	0.05367	0.00109	0.00113	0.00121	0.00119	0.00000	0.00000	0.00000
Major	07 Disorders Of Gallbladder & Biliary Tract	0.05988	-0.05500	0.03727	0.00078	0.00092	0.00090	0.00106	0.00001	0.00000	0.00001
Any	08 Hip Joint Replacement	0.15321	0.24573	0.15012	0.03143	0.03336	0.03002	0.02972	0.00030	-0.00082	-0.00004
Minor	08 Hip Joint Replacement	0.11393	-0.02481	-0.04350	0.00348	0.00253	0.00212	0.00163	-0.00011	0.00001	0.00002
Mod	08 Hip Joint Replacement	0.05304	-0.02933	-0.03443	0.01617	0.01498	0.01308	0.01267	-0.00006	0.00006	0.00001
Major	08 Hip Joint Replacement	0.04714	-0.03678	-0.02962	0.01158	0.01542	0.01435	0.01470	0.00018	0.00004	-0.00001
Any	08 Knee Joint Replacement	0.21463	0.20836	0.14546	0.02761	0.04162	0.03816	0.03843	0.00301	-0.00072	0.00004
Minor	08 Knee Joint Replacement	0.02531	-0.08451	-0.01583	0.01392	0.01898	0.01603	0.01440	0.00013	0.00025	0.00003

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	08 Knee Joint Replacement	0.01546	-0.06271	0.00901	0.01223	0.02009	0.01934	0.02060	0.00012	0.00005	0.00001
Major	08 Knee Joint Replacement	-0.00076	0.02207	0.00402	0.00138	0.00237	0.00258	0.00318	0.00000	0.00000	0.00000
Any	08 Dorsal & Lumbar Fusion Proc For Curvature Of Back	0.19356	0.20130	0.14486	0.00008	0.00015	0.00032	0.00032	0.00001	0.00003	0.00000
Any	08 Dorsal & Lumbar Fusion Proc Except For Curvature Of Back	0.17272	0.11536	0.09797	0.00281	0.00483	0.00510	0.00596	0.00035	0.00003	0.00008
Minor	08 Dorsal & Lumbar Fusion Proc Except For Curvature Of Back	-0.01348	0.03434	-0.09588	0.00096	0.00132	0.00135	0.00156	0.00000	0.00000	-0.00002
Mod	08 Dorsal & Lumbar Fusion Proc Except For Curvature Of Back	0.00753	0.03606	0.00530	0.00135	0.00253	0.00263	0.00314	0.00001	0.00000	0.00000
Major	08 Dorsal & Lumbar Fusion Proc Except For Curvature Of Back	-0.01919	0.06229	-0.00335	0.00048	0.00087	0.00099	0.00115	-0.00001	0.00001	0.00000
Any	08 Amputation Of Lower Limb Except Toes	0.24443	0.22121	0.16335	0.00738	0.00533	0.00424	0.00374	-0.00050	-0.00024	-0.00008
Minor	08 Amputation Of Lower Limb Except Toes	-0.01916	-0.05178	-0.00970	0.00065	0.00041	0.00029	0.00019	0.00000	0.00001	0.00000
Mod	08 Amputation Of Lower Limb Except Toes	0.00998	-0.05718	-0.01077	0.00352	0.00221	0.00153	0.00121	-0.00001	0.00004	0.00000
Major	08 Amputation Of Lower Limb Except Toes	-0.00557	-0.04416	-0.02753	0.00282	0.00230	0.00190	0.00172	0.00000	0.00002	0.00001
Any	08 Hip & Femur Procedures For Trauma Except Joint Replacement	0.23189	0.23627	0.19928	0.02413	0.02192	0.01986	0.01981	-0.00051	-0.00049	-0.00001
Minor	08 Hip & Femur Procedures For Trauma Except Joint Replacement	0.07959	-0.00490	-0.03588	0.00560	0.00391	0.00301	0.00287	-0.00013	0.00000	0.00001
Mod	08 Hip & Femur Procedures For Trauma Except Joint Replacement	0.06575	0.00800	-0.02304	0.01356	0.01222	0.01098	0.01051	-0.00009	-0.00001	0.00001
Major	08 Hip & Femur Procedures For Trauma Except Joint Replacement	0.05825	0.01166	0.00134	0.00463	0.00537	0.00530	0.00563	0.00004	0.00000	0.00000
Any	08 Hip & Femur Procedures For Non- Trauma Except Joint Replacement	0.44508	0.31340	0.17021	0.00177	0.00177	0.00195	0.00188	0.00000	0.00006	-0.00001
Minor	08 Hip & Femur Procedures For Non- Trauma Except Joint Replacement	-0.24277	-0.09417	0.02827	0.00028	0.00027	0.00033	0.00030	0.00000	-0.00001	0.00000
Mod	08 Hip & Femur Procedures For Non- Trauma Except Joint Replacement	-0.22936	-0.13914	0.02080	0.00106	0.00103	0.00103	0.00098	0.00001	0.00000	0.00000
Major	08 Hip & Femur Procedures For Non- Trauma Except Joint Replacement	-0.18734	-0.11801	-0.04518	0.00041	0.00043	0.00051	0.00053	0.00000	-0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	08 Intervertebral Disc Excision & Decompression	0.38265	0.11507	0.18616	0.00468	0.00713	0.00778	0.00797	0.00094	0.00008	0.00003
Minor	08 Intervertebral Disc Excision & Decompression	-0.24059	0.01262	-0.14358	0.00182	0.00168	0.00133	0.00154	0.00003	0.00000	-0.00003
Mod	08 Intervertebral Disc Excision & Decompression	-0.17169	0.02945	-0.12716	0.00237	0.00303	0.00305	0.00298	-0.00011	0.00000	0.00001
Major	08 Intervertebral Disc Excision & Decompression	-0.20536	0.01212	-0.06452	0.00048	0.00236	0.00328	0.00330	-0.00039	0.00001	0.00000
Any	08 Skin Graft, Except Hand, For Musculoskeletal & Connective Tissue Diagnoses	0.19985	-0.10312	-0.01370	0.00042	0.00033	0.00033	0.00031	-0.00002	0.00000	0.00000
Mod	08 Skin Graft, Except Hand, For Musculoskeletal & Connective Tissue Diagnoses	-0.19157	0.11865	0.04975	0.00017	0.00016	0.00013	0.00012	0.00000	0.00000	0.00000
Major	08 Skin Graft, Except Hand, For Musculoskeletal & Connective Tissue Diagnoses	0.01348	0.16182	0.14578	0.00017	0.00011	0.00014	0.00010	0.00000	0.00000	-0.00001
Any	08 Knee & Lower Leg Procedures Except Foot	0.31507	0.09119	0.12996	0.00608	0.00679	0.00646	0.00681	0.00022	-0.00003	0.00005
Minor	08 Knee & Lower Leg Procedures Except Foot	-0.04980	0.10322	-0.00322	0.00236	0.00242	0.00190	0.00198	0.00000	-0.00005	0.00000
Mod	08 Knee & Lower Leg Procedures Except Foot	-0.08960	0.09575	0.02340	0.00294	0.00338	0.00341	0.00343	-0.00004	0.00000	0.00000
Major	08 Knee & Lower Leg Procedures Except Foot	-0.12229	0.07556	0.00628	0.00067	0.00086	0.00102	0.00122	-0.00002	0.00001	0.00000
Any	08 Foot & Toe Procedures	0.07147	-0.01811	-0.12915	0.00386	0.00392	0.00348	0.00343	0.00000	0.00001	0.00001
Minor	08 Foot & Toe Procedures	0.15238	0.03757	0.11084	0.00040	0.00027	0.00021	0.00022	-0.00002	0.00000	0.00000
Mod	08 Foot & Toe Procedures	-0.01654	-0.02320	0.06415	0.00177	0.00168	0.00139	0.00121	0.00000	0.00001	-0.00001
Major	08 Foot & Toe Procedures	-0.05818	-0.00237	0.02148	0.00156	0.00179	0.00162	0.00168	-0.00001	0.00000	0.00000
Any	08 Shoulder, Upper Arm & Forearm Procedures	0.45981	0.03821	0.17856	0.00544	0.00665	0.00656	0.00705	0.00056	0.00000	0.00009
Minor	08 Shoulder, Upper Arm & Forearm Procedures	-0.18825	-0.14675	0.00096	0.00155	0.00135	0.00110	0.00116	0.00004	0.00004	0.00000
Mod	08 Shoulder, Upper Arm & Forearm Procedures	-0.11975	0.21303	0.11229	0.00355	0.00466	0.00465	0.00483	-0.00013	0.00000	0.00002
Major	08 Shoulder, Upper Arm & Forearm Procedures	-0.15573	0.17224	0.12609	0.00032	0.00059	0.00076	0.00094	-0.00004	0.00003	0.00002

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	08 Hand & Wrist Procedures	0.18267	0.01804	-0.04367	0.00043	0.00036	0.00030	0.00030	-0.00001	0.00000	0.00000
Mod	08 Hand & Wrist Procedures	-0.08046	0.03619	0.05569	0.00032	0.00020	0.00013	0.00013	0.00001	0.00000	0.00000
Any	08 Tendon, Muscle & Other Soft Tissue Procedures	-0.01123	0.04864	-0.04956	0.00153	0.00165	0.00149	0.00162	0.00000	-0.00001	-0.00001
Minor	08 Tendon, Muscle & Other Soft Tissue Procedures	0.16238	0.07461	0.05724	0.00055	0.00047	0.00041	0.00043	-0.00001	0.00000	0.00000
Mod	08 Tendon, Muscle & Other Soft Tissue Procedures	0.10922	0.01110	0.09191	0.00065	0.00076	0.00061	0.00065	0.00001	0.00000	0.00000
Major	08 Tendon, Muscle & Other Soft Tissue Procedures	0.09909	0.03600	0.00884	0.00029	0.00037	0.00041	0.00047	0.00001	0.00000	0.00000
Any	08 Other Musculoskeletal System & Connective Tissue Procedures	0.39482	0.13670	0.03311	0.00114	0.00146	0.00131	0.00136	0.00012	-0.00002	0.00000
Minor	08 Other Musculoskeletal System & Connective Tissue Procedures	-0.19471	-0.01513	-0.08720	0.00018	0.00023	0.00016	0.00019	-0.00001	0.00000	0.00000
Mod	08 Other Musculoskeletal System & Connective Tissue Procedures	-0.23752	-0.02049	0.00937	0.00071	0.00087	0.00072	0.00076	-0.00004	0.00000	0.00000
Major	08 Other Musculoskeletal System & Connective Tissue Procedures	-0.19551	0.01798	0.03307	0.00021	0.00032	0.00038	0.00036	-0.00002	0.00000	0.00000
Any	08 Cervical Spinal Fusion & Other Back/Neck Proc Exc Disc Excis/Decomp	-0.01311	0.32197	0.30635	0.00178	0.00253	0.00243	0.00279	-0.00001	-0.00003	0.00011
Minor	08 Cervical Spinal Fusion & Other Back/Neck Proc Exc Disc Excis/Decomp	0.18949	-0.16877	-0.21485	0.00067	0.00085	0.00081	0.00094	0.00003	0.00001	-0.00003
Mod	08 Cervical Spinal Fusion & Other Back/Neck Proc Exc Disc Excis/Decomp	0.17970	-0.15522	-0.17888	0.00086	0.00129	0.00116	0.00129	0.00008	0.00002	-0.00002
Major	08 Cervical Spinal Fusion & Other Back/Neck Proc Exc Disc Excis/Decomp	0.23674	-0.07099	-0.08104	0.00023	0.00032	0.00037	0.00043	0.00002	0.00000	-0.00001
Any	08 Fracture Of Femur	0.19997	0.17646	0.29351	0.00222	0.00178	0.00157	0.00148	-0.00009	-0.00004	-0.00003
Minor	08 Fracture Of Femur	0.12867	0.06456	-0.08625	0.00056	0.00038	0.00028	0.00025	-0.00002	-0.00001	0.00000
Mod	08 Fracture Of Femur	0.06793	-0.00606	-0.10410	0.00116	0.00106	0.00089	0.00082	-0.00001	0.00000	0.00001
Major	08 Fracture Of Femur	-0.02382	0.05658	-0.11536	0.00048	0.00033	0.00038	0.00038	0.00000	0.00000	0.00000
Any	08 Fracture Of Pelvis Or Dislocation Of Hip	0.24225	0.23530	0.33806	0.00440	0.00468	0.00447	0.00465	0.00007	-0.00005	0.00006

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Minor	08 Fracture Of Pelvis Or Dislocation Of Hip	-0.08598	-0.07455	-0.23257	0.00117	0.00103	0.00081	0.00081	0.00001	0.00002	0.00000
Mod	08 Fracture Of Pelvis Or Dislocation Of Hip	-0.07492	-0.09491	-0.21484	0.00235	0.00260	0.00239	0.00245	-0.00002	0.00002	-0.00001
Major	08 Fracture Of Pelvis Or Dislocation Of Hip	-0.03247	-0.06479	-0.18858	0.00085	0.00102	0.00120	0.00131	-0.00001	-0.00001	-0.00002
Any	08 Fractures & Dislocations Except Femur, Pelvis & Back	0.19038	0.19506	0.24703	0.00590	0.00612	0.00596	0.00551	0.00004	-0.00003	-0.00011
Minor	08 Fractures & Dislocations Except Femur, Pelvis & Back	0.04374	-0.02073	-0.02049	0.00177	0.00135	0.00118	0.00104	-0.00002	0.00000	0.00000
Mod	08 Fractures & Dislocations Except Femur, Pelvis & Back	0.06435	-0.01142	-0.00203	0.00336	0.00364	0.00361	0.00310	0.00002	0.00000	0.00000
Major	08 Fractures & Dislocations Except Femur, Pelvis & Back	0.06305	-0.02165	-0.03587	0.00073	0.00109	0.00111	0.00125	0.00002	0.00000	0.00000
Any	08 Musculoskeletal Malignancy & Pathol Fracture D/T Muscskel Malig	-0.12506	-0.14445	-0.30874	0.00133	0.00082	0.00075	0.00060	0.00006	0.00001	0.00005
Minor	08 Musculoskeletal Malignancy & Pathol Fracture D/T Muscskel Malig	0.12315	0.05336	0.56580	0.00010	0.00005	0.00004	0.00002	-0.00001	0.00000	-0.00001
Mod	08 Musculoskeletal Malignancy & Pathol Fracture D/T Muscskel Malig	0.17323	0.11687	0.32835	0.00063	0.00038	0.00028	0.00022	-0.00004	-0.00001	-0.00002
Major	08 Musculoskeletal Malignancy & Pathol Fracture D/T Muscskel Malig	0.12559	0.07748	0.30502	0.00056	0.00037	0.00040	0.00032	-0.00002	0.00000	-0.00002
Any	08 Osteomyelitis, Septic Arthritis & Other Musculoskeletal Infections	0.02178	0.13253	0.02238	0.00214	0.00243	0.00214	0.00227	0.00001	-0.00004	0.00000
Minor	08 Osteomyelitis, Septic Arthritis & Other Musculoskeletal Infections	-0.03296	-0.12603	-0.03278	0.00010	0.00009	0.00007	0.00008	0.00000	0.00000	0.00000
Mod	08 Osteomyelitis, Septic Arthritis & Other Musculoskeletal Infections	0.00205	-0.13737	-0.03268	0.00105	0.00119	0.00092	0.00090	0.00000	0.00004	0.00000
Major	08 Osteomyelitis, Septic Arthritis & Other Musculoskeletal Infections	0.12209	-0.03450	-0.03725	0.00091	0.00104	0.00101	0.00109	0.00002	0.00000	0.00000
Any	08 Connective Tissue Disorders	-0.03587	-0.05812	0.09740	0.00169	0.00132	0.00122	0.00111	0.00001	0.00001	-0.00001
Minor	08 Connective Tissue Disorders	0.14218	0.12340	0.01532	0.00051	0.00037	0.00028	0.00026	-0.00002	-0.00001	0.00000
Mod	08 Connective Tissue Disorders	0.15704	0.11002	0.02969	0.00070	0.00050	0.00048	0.00042	-0.00003	0.00000	0.00000
Major	08 Connective Tissue Disorders	0.07419	0.11841	-0.03625	0.00045	0.00038	0.00038	0.00034	0.00000	0.00000	0.00000
Any	08 Other Back & Neck Disorders, Fractures & Injuries	0.00410	-0.05680	0.11608	0.01433	0.01365	0.01265	0.01203	0.00000	0.00006	-0.00007

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Minor	08 Other Back & Neck Disorders, Fractures & Injuries	0.17213	0.04485	0.01295	0.00466	0.00427	0.00388	0.00326	-0.00007	-0.00002	-0.00001
Mod	08 Other Back & Neck Disorders, Fractures & Injuries	0.13002	-0.07048	0.03340	0.00754	0.00685	0.00611	0.00569	-0.00009	0.00005	-0.00001
Major	08 Other Back & Neck Disorders, Fractures & Injuries	0.14773	0.02669	0.03113	0.00205	0.00241	0.00250	0.00288	0.00005	0.00000	0.00001
Any	08 Malfunction, Reaction, Complic Of Orthopedic Device Or Procedure	0.06958	0.01641	0.04561	0.00155	0.00142	0.00147	0.00143	-0.00001	0.00000	0.00000
Minor	08 Malfunction, Reaction, Complic Of Orthopedic Device Or Procedure	0.12997	0.09916	0.05891	0.00032	0.00021	0.00022	0.00019	-0.00001	0.00000	0.00000
Mod	08 Malfunction, Reaction, Complic Of Orthopedic Device Or Procedure	0.03561	0.03636	0.09886	0.00090	0.00082	0.00079	0.00072	0.00000	0.00000	-0.00001
Major	08 Malfunction, Reaction, Complic Of Orthopedic Device Or Procedure	0.05968	0.10213	0.10943	0.00031	0.00035	0.00040	0.00046	0.00000	0.00001	0.00001
Any	08 Other Musculoskeletal System & Connective Tissue Diagnoses	-0.13294	0.06368	0.06529	0.00602	0.00784	0.00806	0.00838	-0.00024	0.00001	0.00002
Minor	08 Other Musculoskeletal System & Connective Tissue Diagnoses	0.25998	0.06821	0.06971	0.00147	0.00154	0.00135	0.00120	0.00002	-0.00001	-0.00001
Mod	08 Other Musculoskeletal System & Connective Tissue Diagnoses	0.23918	0.05316	0.08350	0.00349	0.00448	0.00457	0.00447	0.00023	0.00000	-0.00001
Major	08 Other Musculoskeletal System & Connective Tissue Diagnoses	0.22310	0.00859	0.03003	0.00102	0.00173	0.00199	0.00250	0.00016	0.00000	0.00002
Any	09 Skin Graft For Skin & Subcutaneous Tissue Diagnoses	0.44743	0.07463	0.17321	0.00318	0.00223	0.00166	0.00165	-0.00043	-0.00004	0.00000
Minor	09 Skin Graft For Skin & Subcutaneous Tissue Diagnoses	-0.41087	-0.14686	-0.24856	0.00111	0.00077	0.00055	0.00053	0.00014	0.00003	0.00000
Mod	09 Skin Graft For Skin & Subcutaneous Tissue Diagnoses	-0.29901	0.00578	-0.17271	0.00142	0.00093	0.00072	0.00070	0.00015	0.00000	0.00000
Major	09 Skin Graft For Skin & Subcutaneous Tissue Diagnoses	-0.25278	0.03260	-0.19479	0.00061	0.00050	0.00035	0.00037	0.00003	0.00000	0.00000
Any	09 Mastectomy Procedures	-0.01155	0.04211	-0.06176	0.00384	0.00312	0.00260	0.00272	0.00001	-0.00002	-0.00001
Minor	09 Mastectomy Procedures	-0.09938	-0.16426	-0.02158	0.00247	0.00188	0.00148	0.00160	0.00006	0.00007	0.00000
Mod	09 Mastectomy Procedures	-0.04776	-0.16366	-0.00336	0.00131	0.00116	0.00101	0.00101	0.00001	0.00002	0.00000
Any	09 Breast Procedures Except Mastectomy	0.02810	-0.10924	-0.04928	0.00048	0.00038	0.00028	0.00040	0.00000	0.00001	-0.00001
Minor	09 Breast Procedures Except Mastectomy	-0.12284	0.00183	-0.00877	0.00037	0.00031	0.00022	0.00032	0.00001	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	09 Other Skin, Subcutaneous Tissue & Related Procedures	0.19810	0.07998	-0.07750	0.00159	0.00192	0.00193	0.00210	0.00007	0.00000	-0.00001
Minor	09 Other Skin, Subcutaneous Tissue & Related Procedures	-0.22027	-0.18271	-0.01634	0.00025	0.00028	0.00025	0.00031	-0.00001	0.00001	0.00000
Mod	09 Other Skin, Subcutaneous Tissue & Related Procedures	-0.06520	-0.05779	0.02613	0.00078	0.00100	0.00097	0.00097	-0.00001	0.00000	0.00000
Major	09 Other Skin, Subcutaneous Tissue & Related Procedures	-0.01874	0.00939	0.01936	0.00050	0.00057	0.00060	0.00071	0.00000	0.00000	0.00000
Any	09 Skin Ulcers	0.30134	0.05356	-0.06061	0.00747	0.00644	0.00537	0.00478	-0.00031	-0.00006	0.00004
Minor	09 Skin Ulcers	-0.34909	-0.25961	0.00305	0.00084	0.00056	0.00035	0.00030	0.00010	0.00005	0.00000
Mod	09 Skin Ulcers	-0.15064	-0.09567	0.10156	0.00454	0.00376	0.00302	0.00260	0.00012	0.00007	-0.00004
Major	09 Skin Ulcers	-0.13585	-0.01760	0.11116	0.00200	0.00201	0.00186	0.00170	0.00000	0.00000	-0.00002
Any	09 Major Skin Disorders	0.05339	-0.08142	0.02362	0.00066	0.00056	0.00053	0.00063	-0.00001	0.00000	0.00000
Mod	09 Major Skin Disorders	-0.05469	0.06280	0.04781	0.00040	0.00034	0.00032	0.00032	0.00000	0.00000	0.00000
Major	09 Major Skin Disorders	-0.01052	0.12827	0.00093	0.00018	0.00017	0.00015	0.00019	0.00000	0.00000	0.00000
Any	09 Malignant Breast Disorders	-0.14142	-0.17060	0.07633	0.00013	0.00015	0.00014	0.00011	0.00000	0.00000	0.00000
Mod	09 Malignant Breast Disorders	0.01955	-0.01976	-0.14518	0.00008	0.00005	0.00005	0.00004	0.00000	0.00000	0.00000
Any	09 Cellulitis & Other Bacterial Skin Infections	0.05708	0.00813	0.04095	0.01535	0.01792	0.01766	0.01951	0.00015	0.00000	0.00008
Minor	09 Cellulitis & Other Bacterial Skin Infections	-0.06390	-0.04657	-0.02546	0.00226	0.00235	0.00206	0.00243	-0.00001	0.00001	-0.00001
Mod	09 Cellulitis & Other Bacterial Skin Infections	-0.06071	-0.04106	0.00269	0.00856	0.01010	0.00941	0.00987	-0.00009	0.00003	0.00000
Major	09 Cellulitis & Other Bacterial Skin Infections	-0.02989	-0.02844	0.01454	0.00434	0.00518	0.00581	0.00661	-0.00003	-0.00002	0.00001
Any	09 Contusion, Open Wound & Other Trauma To Skin & Subcutaneous Tissue	-0.73963	-0.05313	0.05430	0.00316	0.00347	0.00334	0.00325	-0.00022	0.00001	0.00000
Minor	09 Contusion, Open Wound & Other Trauma To Skin & Subcutaneous Tissue	0.84764	0.18100	0.04003	0.00071	0.00055	0.00048	0.00054	-0.00014	-0.00001	0.00000
Mod	09 Contusion, Open Wound & Other Trauma To Skin & Subcutaneous Tissue	0.89099	0.15055	0.08947	0.00192	0.00222	0.00206	0.00194	0.00027	-0.00002	-0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	09 Contusion, Open Wound & Other Trauma To Skin & Subcutaneous Tissue	0.86233	0.15769	0.05447	0.00053	0.00066	0.00073	0.00072	0.00011	0.00001	0.00000
Any	09 Other Skin, Subcutaneous Tissue & Breast Disorders	0.25961	-0.01984	-0.21035	0.00077	0.00085	0.00094	0.00108	0.00002	0.00000	-0.00003
Minor	09 Other Skin, Subcutaneous Tissue & Breast Disorders	-0.36284	-0.04153	0.20250	0.00020	0.00020	0.00021	0.00021	0.00000	0.00000	0.00000
Mod	09 Other Skin, Subcutaneous Tissue & Breast Disorders	-0.31994	0.00564	0.28305	0.00040	0.00047	0.00048	0.00052	-0.00002	0.00000	0.00001
Major	09 Other Skin, Subcutaneous Tissue & Breast Disorders	-0.21507	0.00608	0.23622	0.00016	0.00017	0.00021	0.00032	0.00000	0.00000	0.00002
Any	10 Pituitary & Adrenal Procedures	-0.01574	-0.07874	-0.10846	0.00011	0.00013	0.00010	0.00016	0.00000	0.00000	-0.00001
Any	10 Procedures For Obesity	0.01792	-0.05673	-0.00040	0.00011	0.00032	0.00030	0.00042	0.00000	0.00000	0.00000
Any	10 Thyroid, Parathyroid & Thyroglossal Procedures	-0.04397	0.12395	-0.00973	0.00032	0.00060	0.00064	0.00088	-0.00001	0.00001	0.00000
Minor	10 Thyroid, Parathyroid & Thyroglossal Procedures	0.09380	-0.09776	0.00239	0.00016	0.00034	0.00030	0.00047	0.00002	0.00000	0.00000
Mod	10 Thyroid, Parathyroid & Thyroglossal Procedures	0.09357	-0.17745	0.02567	0.00012	0.00021	0.00026	0.00029	0.00001	-0.00001	0.00000
Any	10 Other Procedures For Endocrine, Nutritional & Metabolic Disorders	0.26553	-0.04202	-0.00017	0.00032	0.00031	0.00028	0.00030	0.00000	0.00000	0.00000
Mod	10 Other Procedures For Endocrine, Nutritional & Metabolic Disorders	-0.18678	0.04845	0.03844	0.00013	0.00011	0.00007	0.00008	0.00000	0.00000	0.00000
Major	10 Other Procedures For Endocrine, Nutritional & Metabolic Disorders	-0.19132	0.12282	-0.09075	0.00014	0.00014	0.00015	0.00017	0.00000	0.00000	0.00000
Any	10 Diabetes	-0.06868	0.03837	-0.02635	0.00864	0.00900	0.00864	0.00913	-0.00002	-0.00001	-0.00001
Minor	10 Diabetes	0.06354	-0.04552	0.03683	0.00326	0.00294	0.00266	0.00254	-0.00002	0.00001	0.00000
Mod	10 Diabetes	0.09207	-0.01222	0.07266	0.00318	0.00361	0.00343	0.00361	0.00004	0.00000	0.00001
Major	10 Diabetes	0.08454	-0.03811	0.05115	0.00202	0.00220	0.00225	0.00257	0.00001	0.00000	0.00002
Any	10 Malnutrition, Failure To Thrive & Other Nutritional Disorders	0.11751	0.11449	0.12369	0.00153	0.00141	0.00132	0.00131	-0.00001	-0.00001	0.00000
Mod	10 Malnutrition, Failure To Thrive & Other Nutritional Disorders	-0.13920	-0.00446	-0.01931	0.00071	0.00069	0.00059	0.00058	0.00000	0.00000	0.00000
Major	10 Malnutrition, Failure To Thrive & Other Nutritional Disorders	0.08468	0.00639	0.03571	0.00077	0.00064	0.00066	0.00062	-0.00001	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	10 Hypovolemia & Related Electrolyte Disorders	0.14646	0.07126	0.10373	0.01404	0.01185	0.01024	0.00903	-0.00032	-0.00011	-0.00013
Minor	10 Hypovolemia & Related Electrolyte Disorders	-0.07589	-0.06071	-0.11518	0.00038	0.00038	0.00026	0.00036	0.00000	0.00001	-0.00001
Mod	10 Hypovolemia & Related Electrolyte Disorders	-0.07628	-0.01790	-0.02368	0.00833	0.00701	0.00609	0.00520	0.00010	0.00002	0.00002
Major	10 Hypovolemia & Related Electrolyte Disorders	-0.08228	-0.01137	-0.01698	0.00507	0.00418	0.00361	0.00322	0.00007	0.00001	0.00001
Any	10 Other Endocrine Disorders	0.22535	-0.00265	-0.00206	0.00189	0.00240	0.00233	0.00261	0.00011	0.00000	0.00000
Minor	10 Other Endocrine Disorders	-0.21165	0.00534	0.03723	0.00045	0.00039	0.00035	0.00037	0.00001	0.00000	0.00000
Mod	10 Other Endocrine Disorders	-0.19119	0.00684	0.03715	0.00093	0.00110	0.00107	0.00108	-0.00003	0.00000	0.00000
Major	10 Other Endocrine Disorders	-0.18120	0.03906	0.07976	0.00048	0.00085	0.00081	0.00103	-0.00007	0.00000	0.00002
Any	10 Electrolyte Disorders Except Hypovolemia Related	0.05147	0.03441	0.07740	0.00528	0.00668	0.00693	0.00791	0.00007	0.00001	0.00008
Minor	10 Electrolyte Disorders Except Hypovolemia Related	-0.04656	-0.03346	-0.00638	0.00060	0.00078	0.00074	0.00088	-0.00001	0.00000	0.00000
Mod	10 Electrolyte Disorders Except Hypovolemia Related	-0.01375	-0.01262	-0.01317	0.00320	0.00370	0.00367	0.00370	-0.00001	0.00000	0.00000
Major	10 Electrolyte Disorders Except Hypovolemia Related	0.03698	-0.01699	-0.02097	0.00140	0.00205	0.00234	0.00294	0.00002	0.00000	-0.00001
Any	11 Kidney Transplant	-0.09761	-0.23679	-0.16305	0.00033	0.00038	0.00042	0.00041	0.00000	-0.00001	0.00000
Mod	11 Kidney Transplant	-0.07291	0.03485	-0.00528	0.00016	0.00017	0.00015	0.00014	0.00000	0.00000	0.00000
Major	11 Kidney Transplant	0.00476	0.07031	-0.08010	0.00013	0.00013	0.00022	0.00022	0.00000	0.00001	0.00000
Any	11 Major Bladder Procedures	0.00380	-0.07572	-0.07633	0.00113	0.00092	0.00091	0.00083	0.00000	0.00000	0.00001
Mod	11 Major Bladder Procedures	-0.15020	-0.12214	0.01523	0.00041	0.00029	0.00023	0.00022	0.00002	0.00001	0.00000
Major	11 Major Bladder Procedures	-0.16737	-0.14979	-0.08798	0.00065	0.00054	0.00057	0.00049	0.00002	0.00000	0.00001
Any	11 Kidney & Urinary Tract Procedures For Malignancy	-0.05043	0.01759	-0.02285	0.00111	0.00115	0.00096	0.00103	0.00000	0.00000	0.00000
Minor	11 Kidney & Urinary Tract Procedures For Malignancy	-0.03730	-0.06581	-0.09436	0.00029	0.00023	0.00020	0.00018	0.00000	0.00000	0.00000
Mod	11 Kidney & Urinary Tract Procedures For Malignancy	0.00701	-0.10344	-0.01540	0.00039	0.00046	0.00036	0.00041	0.00000	0.00001	0.00000
Major	11 Kidney & Urinary Tract Procedures For Malignancy	0.05191	-0.16276	-0.09654	0.00036	0.00039	0.00034	0.00035	0.00000	0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	11 Kidney & Urinary Tract Procedures For Nonmalignancy	0.12810	0.07852	-0.08333	0.00131	0.00125	0.00107	0.00119	-0.00001	-0.00001	-0.00001
Minor	11 Kidney & Urinary Tract Procedures For Nonmalignancy	-0.19464	-0.12157	-0.03953	0.00026	0.00020	0.00014	0.00018	0.00001	0.00001	0.00000
Mod	11 Kidney & Urinary Tract Procedures For Nonmalignancy	-0.18175	-0.14534	-0.03212	0.00045	0.00040	0.00035	0.00039	0.00001	0.00001	0.00000
Major	11 Kidney & Urinary Tract Procedures For Nonmalignancy	-0.25160	-0.14725	-0.00457	0.00051	0.00055	0.00049	0.00049	-0.00001	0.00001	0.00000
Any	11 Renal Dialysis Access Device Procedure Only	0.00380	0.03260	-0.20504	0.00158	0.00147	0.00141	0.00125	0.00000	0.00000	0.00003
Minor	11 Renal Dialysis Access Device Procedure Only	0.04816	0.04192	0.07273	0.00019	0.00021	0.00006	0.00002	0.00000	-0.00001	0.00000
Mod	11 Renal Dialysis Access Device Procedure Only	0.05035	-0.03626	0.10525	0.00080	0.00072	0.00050	0.00041	0.00000	0.00001	-0.00001
Major	11 Renal Dialysis Access Device Procedure Only	0.06738	-0.09511	0.11641	0.00055	0.00048	0.00073	0.00071	0.00000	-0.00002	0.00000
Any	11 Other Bladder Procedures	-0.50070	0.06342	0.18145	0.00081	0.00068	0.00055	0.00056	0.00007	-0.00001	0.00000
Minor	11 Other Bladder Procedures	0.54740	-0.13277	-0.16766	0.00033	0.00023	0.00015	0.00020	-0.00006	0.00001	-0.00001
Mod	11 Other Bladder Procedures	0.55054	-0.04202	-0.09387	0.00028	0.00027	0.00023	0.00019	0.00000	0.00000	0.00000
Major	11 Other Bladder Procedures	0.65712	0.06299	-0.13179	0.00020	0.00014	0.00015	0.00013	-0.00004	0.00000	0.00000
Any	11 Urethral & Transurethral Procedures	0.09169	0.05062	-0.00632	0.00149	0.00149	0.00140	0.00152	0.00000	0.00000	0.00000
Minor	11 Urethral & Transurethral Procedures	-0.08707	-0.10432	-0.05572	0.00031	0.00032	0.00026	0.00027	0.00000	0.00001	0.00000
Mod	11 Urethral & Transurethral Procedures	-0.04472	-0.07967	0.01142	0.00094	0.00080	0.00074	0.00073	0.00001	0.00000	0.00000
Any	11 Other Kidney, Urinary Tract & Related Procedures	0.08450	0.05874	-0.04478	0.00119	0.00124	0.00144	0.00134	0.00000	0.00001	0.00000
Minor	11 Other Kidney, Urinary Tract & Related Procedures	-0.05654	-0.11052	-0.00203	0.00016	0.00018	0.00015	0.00011	0.00000	0.00000	0.00000
Mod	11 Other Kidney, Urinary Tract & Related Procedures	-0.07899	-0.10068	-0.02159	0.00055	0.00051	0.00045	0.00040	0.00000	0.00001	0.00000
Major	11 Other Kidney, Urinary Tract & Related Procedures	-0.06204	-0.09837	0.01626	0.00039	0.00045	0.00068	0.00065	0.00000	-0.00002	0.00000
Any	11 Renal Failure	0.01888	0.04715	0.09019	0.00671	0.01271	0.01622	0.01611	0.00011	0.00017	-0.00001
Minor	11 Renal Failure	0.03173	-0.16568	0.00584	0.00012	0.00011	0.00004	0.00001	0.00000	0.00001	0.00000
Mod	11 Renal Failure	-0.02687	-0.03560	-0.04601	0.00113	0.00115	0.00074	0.00066	0.00000	0.00001	0.00000
Major	11 Renal Failure	-0.01825	-0.03503	-0.02619	0.00505	0.01070	0.01455	0.01430	-0.00010	-0.00014	0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	11 Kidney & Urinary Tract Malignancy	-0.04585	-0.21340	-0.00827	0.00023	0.00020	0.00023	0.00017	0.00000	-0.00001	0.00000
Major	11 Kidney & Urinary Tract Malignancy	-0.11308	0.11995	-0.09981	0.00013	0.00011	0.00011	0.00009	0.00000	0.00000	0.00000
Any	11 Nephritis & Nephrosis	-0.06725	-0.01055	0.18707	0.00012	0.00009	0.00007	0.00005	0.00000	0.00000	0.00000
Any	11 Kidney & Urinary Tract Infections	0.27720	0.15730	0.06464	0.02327	0.02526	0.02542	0.02877	0.00055	0.00002	0.00022
Minor	11 Urinary Stones & Acquired Upper Urinary Tract Obstruction	-0.19348	-0.10455	0.03584	0.00136	0.00145	0.00131	0.00173	-0.00002	0.00001	0.00001
Mod	11 Urinary Stones & Acquired Upper Urinary Tract Obstruction	-0.15011	-0.05674	0.06465	0.01304	0.01401	0.01401	0.01453	-0.00015	0.00000	0.00003
Major	11 Urinary Stones & Acquired Upper Urinary Tract Obstruction	-0.09800	-0.01012	0.06252	0.00844	0.00914	0.00940	0.01151	-0.00007	0.00000	0.00013
Any	11 Urinary Stones & Acquired Upper Urinary Tract Obstruction	0.62128	-0.03434	-0.04918	0.00076	0.00096	0.00089	0.00110	0.00013	0.00000	-0.00001
Minor	11 Urinary Stones & Acquired Upper Urinary Tract Obstruction	-0.60379	0.04534	0.00996	0.00008	0.00011	0.00010	0.00010	-0.00002	0.00000	0.00000
Mod	11 Urinary Stones & Acquired Upper Urinary Tract Obstruction	-0.53576	0.02814	0.06122	0.00048	0.00058	0.00051	0.00062	-0.00005	0.00000	0.00001
Major	11 Urinary Stones & Acquired Upper Urinary Tract Obstruction	-0.62226	0.02691	0.11661	0.00019	0.00025	0.00025	0.00033	-0.00004	0.00000	0.00001
Any	11 Malfunction, Reaction, Complic Of Genitourinary Device Or Proc	-0.02099	0.07016	-0.02205	0.00349	0.00417	0.00440	0.00499	-0.00001	0.00002	-0.00001
Mod	11 Malfunction, Reaction, Complic Of Genitourinary Device Or Proc	0.10188	-0.00870	0.15439	0.00126	0.00130	0.00101	0.00095	0.00000	0.00000	-0.00001
Major	11 Malfunction, Reaction, Complic Of Genitourinary Device Or Proc	0.12537	-0.02292	0.10114	0.00193	0.00228	0.00233	0.00265	0.00004	0.00000	0.00003
Extreme	11 Malfunction, Reaction, Complic Of Genitourinary Device Or Proc	0.08014	-0.02376	0.06639	0.00027	0.00056	0.00104	0.00134	0.00002	-0.00001	0.00002
Any	12 Major Male Pelvic Procedures	-0.14206	-0.09233	-0.19734	0.00086	0.00057	0.00052	0.00061	0.00004	0.00000	-0.00002
Minor	12 Major Male Pelvic Procedures	-0.02506	-0.08378	0.05433	0.00050	0.00034	0.00029	0.00034	0.00000	0.00000	0.00000
Mod	12 Major Male Pelvic Procedures	0.05447	-0.01307	0.09863	0.00031	0.00019	0.00017	0.00023	-0.00001	0.00000	0.00001
Any	12 Penis Procedures	0.29856	0.00751	-0.08183	0.00025	0.00019	0.00018	0.00023	-0.00002	0.00000	0.00000
Minor	12 Penis Procedures	-0.29223	-0.06899	-0.13936	0.00011	0.00007	0.00005	0.00005	0.00001	0.00000	0.00000
Mod	12 Penis Procedures	-0.22426	0.03416	0.06253	0.00011	0.00009	0.00010	0.00014	0.00000	0.00000	0.00000
Any	12 Transurethral Prostatectomy	0.02632	-0.00708	-0.11411	0.00299	0.00229	0.00195	0.00217	-0.00002	0.00000	-0.00003
Minor	12 Transurethral Prostatectomy	0.02700	-0.03581	0.06269	0.00108	0.00090	0.00073	0.00105	-0.00001	0.00001	0.00002

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	12 Transurethral Prostatectomy	0.04861	0.01015	0.10095	0.00163	0.00112	0.00099	0.00095	-0.00002	0.00000	0.00000
Major	12 Transurethral Prostatectomy	-0.02344	-0.04831	0.04163	0.00023	0.00025	0.00021	0.00015	0.00000	0.00000	0.00000
Any	12 Testes & Scrotal Procedures	0.08948	-0.09303	-0.04528	0.00016	0.00013	0.00009	0.00012	0.00000	0.00000	0.00000
Any	12 Other Male Reproductive System & Related Procedures	-0.12564	-0.01531	0.08491	0.00028	0.00018	0.00019	0.00020	0.00001	0.00000	0.00000
Mod	12 Other Male Reproductive System & Related Procedures	0.02998	0.01788	-0.14802	0.00010	0.00006	0.00007	0.00009	0.00000	0.00000	0.00000
Major	12 Other Male Reproductive System & Related Procedures	0.04282	-0.09616	-0.23456	0.00011	0.00008	0.00007	0.00007	0.00000	0.00000	0.00000
Any	12 Malignancy, Male Reproductive System	-0.21935	-0.23773	-0.09559	0.00037	0.00022	0.00014	0.00015	0.00003	0.00002	0.00000
Mod	12 Malignancy, Male Reproductive System	0.23241	0.17028	0.28148	0.00019	0.00009	0.00006	0.00005	-0.00002	-0.00001	0.00000
Major	12 Malignancy, Male Reproductive System	0.00982	0.20093	0.05796	0.00012	0.00011	0.00006	0.00008	0.00000	-0.00001	0.00000
Any	12 Male Reproductive System Diagnoses Except Malignancy	0.13624	-0.32953	-0.12820	0.00070	0.00089	0.00092	0.00114	0.00003	-0.00001	-0.00003
Minor	12 Male Reproductive System Diagnoses Except Malignancy	-0.26206	0.20070	0.16783	0.00008	0.00012	0.00007	0.00010	-0.00001	-0.00001	0.00000
Mod	12 Male Reproductive System Diagnoses Except Malignancy	-0.11248	0.31390	0.13238	0.00041	0.00046	0.00050	0.00055	-0.00001	0.00001	0.00001
Major	12 Male Reproductive System Diagnoses Except Malignancy	-0.14208	0.31971	0.16205	0.00019	0.00029	0.00032	0.00045	-0.00001	0.00001	0.00002
Any	13 Pelvic Evisceration, Radical Hysterectomy & Other Radical Gyn Procs	-0.00647	0.01693	0.09732	0.00037	0.00030	0.00023	0.00020	0.00000	0.00000	0.00000
Minor	13 Pelvic Evisceration, Radical Hysterectomy & Other Radical Gyn Procs	-0.13719	-0.21481	-0.19900	0.00013	0.00006	0.00005	0.00006	0.00001	0.00000	0.00000
Mod	13 Pelvic Evisceration, Radical Hysterectomy & Other Radical Gyn Procs	-0.00660	-0.18205	-0.22115	0.00015	0.00015	0.00010	0.00009	0.00000	0.00001	0.00000
Any	13 Uterine & Adnexa Procedures For Ovarian & Adnexal Malignancy	0.07812	-0.01478	-0.03193	0.00050	0.00044	0.00037	0.00041	0.00000	0.00000	0.00000
Mod	13 Uterine & Adnexa Procedures For Ovarian & Adnexal Malignancy	-0.22147	-0.11457	-0.06208	0.00028	0.00021	0.00013	0.00016	0.00002	0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	13 Uterine & Adnexa Procedures For Ovarian & Adnexal Malignancy	-0.19183	-0.14931	-0.06135	0.00017	0.00017	0.00017	0.00018	0.00000	0.00000	0.00000
Any	13 Uterine & Adnexa Procedures For Non-Ovarian & Non-Adnexal Malig	-0.32511	0.13604	0.13285	0.00086	0.00089	0.00083	0.00085	-0.00001	-0.00001	0.00000
Minor	13 Uterine & Adnexa Procedures For Non-Ovarian & Non-Adnexal Malig	0.27117	-0.23173	-0.14477	0.00023	0.00021	0.00018	0.00021	-0.00001	0.00001	0.00000
Mod	13 Uterine & Adnexa Procedures For Non-Ovarian & Non-Adnexal Malig	0.30653	-0.22846	-0.19036	0.00049	0.00048	0.00046	0.00044	0.00000	0.00001	0.00000
Major	13 Uterine & Adnexa Procedures For Non-Ovarian & Non-Adnexal Malig	0.36432	-0.28130	-0.26669	0.00012	0.00019	0.00016	0.00017	0.00002	0.00001	0.00000
Any	13 Uterine & Adnexa Procedures For Non-Malignancy Except Leiomyoma	-0.20766	-0.05593	0.11184	0.00168	0.00179	0.00133	0.00199	-0.00002	0.00003	0.00007
Minor	13 Uterine & Adnexa Procedures For Non-Malignancy Except Leiomyoma	0.13418	0.00944	-0.14992	0.00063	0.00070	0.00045	0.00092	0.00001	0.00000	-0.00007
Mod	13 Uterine & Adnexa Procedures For Non-Malignancy Except Leiomyoma	0.22395	0.01984	-0.11494	0.00081	0.00085	0.00067	0.00090	0.00001	0.00000	-0.00003
Major	13 Uterine & Adnexa Procedures For Non-Malignancy Except Leiomyoma	0.15676	0.04339	-0.24498	0.00019	0.00019	0.00019	0.00014	0.00000	0.00000	0.00001
Any	13 Female Reproductive System Reconstructive Procedures	0.07356	-0.06237	-0.05833	0.00137	0.00120	0.00102	0.00155	-0.00001	0.00001	-0.00003
Minor	13 Female Reproductive System Reconstructive Procedures	-0.13827	0.04893	0.05963	0.00078	0.00066	0.00047	0.00080	0.00002	-0.00001	0.00002
Mod	13 Female Reproductive System Reconstructive Procedures	-0.15367	0.00180	-0.04199	0.00053	0.00047	0.00050	0.00068	0.00001	0.00000	-0.00001
Any	13 Dilation & Curettage For Non-Obstetric Diagnoses	-0.02610	0.04682	-0.04691	0.00014	0.00015	0.00012	0.00013	0.00000	0.00000	0.00000
Any	13 Other Female Reproductive System & Related Procedures	-0.02677	0.08551	-0.01298	0.00040	0.00033	0.00035	0.00033	0.00000	0.00000	0.00000
Minor	13 Other Female Reproductive System & Related Procedures	-0.03144	-0.25033	-0.16359	0.00020	0.00012	0.00010	0.00011	0.00000	0.00000	0.00000
Mod	13 Other Female Reproductive System & Related Procedures	-0.13708	-0.20791	-0.09528	0.00015	0.00014	0.00016	0.00014	0.00000	0.00000	0.00000
Any	13 Uterine & Adnexa Procedures For Leiomyoma	0.36233	0.01060	-0.24538	0.00022	0.00026	0.00023	0.00035	0.00001	0.00000	-0.00003
Minor	13 Uterine & Adnexa Procedures For Leiomyoma	-0.38328	-0.09235	0.15924	0.00009	0.00011	0.00010	0.00017	-0.00001	0.00000	0.00001
Mod	13 Uterine & Adnexa Procedures For Leiomyoma	-0.42493	0.04996	0.19046	0.00012	0.00013	0.00010	0.00015	0.00000	0.00000	0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	13 Female Reproductive System Malignancy	-0.17391	-0.20633	0.02952	0.00031	0.00025	0.00020	0.00019	0.00001	0.00001	0.00000
Mod	13 Female Reproductive System Malignancy	0.05397	0.05734	-0.09264	0.00016	0.00009	0.00007	0.00007	0.00000	0.00000	0.00000
Major	13 Female Reproductive System Malignancy	0.06987	0.10433	-0.06151	0.00014	0.00014	0.00009	0.00009	0.00000	-0.00001	0.00000
Any	13 Female Reproductive System Infections	0.05841	-0.12631	0.15648	0.00032	0.00033	0.00039	0.00038	0.00000	-0.00001	0.00000
Mod	13 Female Reproductive System Infections	0.22322	0.13561	-0.19278	0.00018	0.00013	0.00015	0.00014	-0.00001	0.00000	0.00000
Major	13 Female Reproductive System Infections	-0.00222	0.38109	-0.17868	0.00011	0.00016	0.00021	0.00017	0.00000	0.00002	0.00001
Any	13 Menstrual & Other Female Reproductive System Disorders	-0.00542	-0.01298	-0.00420	0.00020	0.00024	0.00025	0.00029	0.00000	0.00000	0.00000
Mod	13 Menstrual & Other Female Reproductive System Disorders	-0.00877	0.04688	-0.01412	0.00013	0.00014	0.00015	0.00016	0.00000	0.00000	0.00000
Any	16 Splenectomy	-0.05058	0.00085	0.01891	0.00017	0.00010	0.00013	0.00013	0.00000	0.00000	0.00000
Any	16 Other Procedures Of Blood & Blood-Forming Organs	-0.12197	-0.12829	-0.21583	0.00008	0.00008	0.00010	0.00010	0.00000	0.00000	0.00000
Any	16 Major Hematologic/Immunologic Diag Exc Sickle Cell Crisis & Coagul	-0.04088	-0.10861	0.05437	0.00157	0.00124	0.00112	0.00117	0.00001	0.00001	0.00000
Minor	16 Major Hematologic/Immunologic Diag Exc Sickle Cell Crisis & Coagul	-0.12216	-0.05147	-0.18286	0.00013	0.00010	0.00005	0.00003	0.00000	0.00000	0.00000
Mod	16 Major Hematologic/Immunologic Diag Exc Sickle Cell Crisis & Coagul	-0.06552	-0.02064	-0.07185	0.00080	0.00058	0.00051	0.00046	0.00001	0.00000	0.00000
Major	16 Major Hematologic/Immunologic Diag Exc Sickle Cell Crisis & Coagul	0.02330	-0.02137	-0.02229	0.00061	0.00052	0.00049	0.00057	0.00000	0.00000	0.00000
Any	16 Coagulation & Platelet Disorders	0.06996	0.11175	-0.10690	0.00127	0.00110	0.00088	0.00070	-0.00001	-0.00002	0.00002
Minor	16 Coagulation & Platelet Disorders	-0.07955	-0.10680	0.11587	0.00057	0.00049	0.00032	0.00024	0.00001	0.00002	-0.00001
Mod	16 Coagulation & Platelet Disorders	-0.03068	-0.09055	0.13655	0.00050	0.00041	0.00034	0.00030	0.00000	0.00001	-0.00001
Major	16 Coagulation & Platelet Disorders	-0.03252	-0.04454	0.15609	0.00015	0.00017	0.00016	0.00014	0.00000	0.00000	0.00000
Any	16 Other Anemia & Disorders Of Blood & Blood-Forming Organs	-0.10250	0.05492	0.00396	0.00463	0.00630	0.00698	0.00809	-0.00017	0.00004	0.00000
Minor	16 Other Anemia & Disorders Of Blood & Blood-Forming Organs	0.08175	-0.06641	0.03533	0.00187	0.00196	0.00206	0.00218	0.00001	-0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	16 Other Anemia & Disorders Of Blood & Blood-Forming Organs	0.09292	-0.04798	0.03117	0.00187	0.00279	0.00306	0.00341	0.00009	-0.00001	0.00001
Major	16 Other Anemia & Disorders Of Blood & Blood-Forming Organs	0.07444	-0.05173	0.03646	0.00083	0.00139	0.00165	0.00217	0.00004	-0.00001	0.00002
Any	17 Major O.R. Procedures For Lymphatic/Hematopoietic/Other Neoplasms	0.06619	-0.17488	-0.13856	0.00045	0.00045	0.00043	0.00038	0.00000	0.00000	0.00001
Mod	17 Major O.R. Procedures For Lymphatic/Hematopoietic/Other Neoplasms	-0.13016	0.11415	0.03958	0.00019	0.00020	0.00019	0.00017	0.00000	0.00000	0.00000
Major	17 Major O.R. Procedures For Lymphatic/Hematopoietic/Other Neoplasms	-0.15658	0.11144	0.14811	0.00015	0.00014	0.00014	0.00011	0.00000	0.00000	0.00000
Any	17 Other O.R. Procedures For Lymphatic/Hematopoietic/Other Neoplasms	0.19687	-0.04683	-0.06974	0.00069	0.00058	0.00053	0.00048	-0.00002	0.00000	0.00000
Minor	17 Other O.R. Procedures For Lymphatic/Hematopoietic/Other Neoplasms	-0.29409	-0.13790	-0.05838	0.00017	0.00014	0.00010	0.00010	0.00001	0.00001	0.00000
Mod	17 Other O.R. Procedures For Lymphatic/Hematopoietic/Other Neoplasms	-0.25614	-0.00191	0.00364	0.00035	0.00024	0.00025	0.00020	0.00003	0.00000	0.00000
Major	17 Other O.R. Procedures For Lymphatic/Hematopoietic/Other Neoplasms	-0.20635	-0.09617	-0.02851	0.00015	0.00016	0.00015	0.00013	0.00000	0.00000	0.00000
Any	17 Acute Leukemia	-0.24780	-0.33711	-0.11253	0.00029	0.00021	0.00018	0.00016	0.00002	0.00001	0.00000
Mod	17 Acute Leukemia	0.09013	0.03090	-0.13283	0.00008	0.00007	0.00006	0.00004	0.00000	0.00000	0.00000
Major	17 Acute Leukemia	0.17244	0.02166	-0.07098	0.00013	0.00009	0.00008	0.00007	-0.00001	0.00000	0.00000
Any	17 Lymphoma, Myeloma & Non-Acute Leukemia	0.15584	-0.11219	0.01080	0.00157	0.00115	0.00097	0.00079	-0.00007	0.00002	0.00000
Minor	17 Lymphoma, Myeloma & Non-Acute Leukemia	-0.29222	0.03034	-0.05152	0.00009	0.00008	0.00007	0.00004	0.00000	0.00000	0.00000
Mod	17 Lymphoma, Myeloma & Non-Acute Leukemia	-0.18952	0.10871	-0.05282	0.00072	0.00045	0.00035	0.00026	0.00005	-0.00001	0.00000
Major	17 Lymphoma, Myeloma & Non-Acute Leukemia	-0.26594	0.03385	-0.01696	0.00064	0.00050	0.00044	0.00035	0.00004	0.00000	0.00000
Any	17 Radiotherapy	-0.10251	-0.02230	-0.01240	0.00016	0.00011	0.00010	0.00007	0.00000	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Mod	17 Radiotherapy	0.30459	-0.07609	-0.02386	0.00012	0.00007	0.00007	0.00004	-0.00002	0.00000	0.00000
Any	17 Chemotherapy	-0.11960	-0.35562	0.00071	0.00150	0.00081	0.00070	0.00061	0.00008	0.00004	0.00000
Minor	17 Chemotherapy	0.00365	0.17120	-0.05149	0.00066	0.00032	0.00027	0.00020	0.00000	-0.00001	0.00000
Mod	17 Chemotherapy	0.07576	0.20856	-0.04821	0.00062	0.00030	0.00027	0.00024	-0.00002	-0.00001	0.00000
Major	17 Chemotherapy	-0.02195	0.15144	-0.07958	0.00013	0.00015	0.00012	0.00013	0.00000	0.00000	0.00000
Any	17 Lymphatic & Other Malignancies & Neoplasms Of Uncertain Behavior	-0.05927	-0.13464	-0.05668	0.00095	0.00075	0.00063	0.00054	0.00001	0.00002	0.00000
Minor	17 Lymphatic & Other Malignancies & Neoplasms Of Uncertain Behavior	-0.05410	0.17550	0.03983	0.00008	0.00004	0.00004	0.00004	0.00000	0.00000	0.00000
Mod	17 Lymphatic & Other Malignancies & Neoplasms Of Uncertain Behavior	0.04280	0.02504	-0.02522	0.00040	0.00030	0.00023	0.00021	0.00000	0.00000	0.00000
Major	17 Lymphatic & Other Malignancies & Neoplasms Of Uncertain Behavior	0.05568	0.02884	0.04896	0.00042	0.00035	0.00031	0.00025	0.00000	0.00000	0.00000
Any	18 Infectious & Parasitic Diseases Including Hiv W O.R. Procedure	-0.13565	0.05161	0.00266	0.00164	0.00213	0.00261	0.00295	-0.00007	0.00002	0.00000
Mod	18 Infectious & Parasitic Diseases Including Hiv W O.R. Procedure	0.24315	-0.02818	-0.04752	0.00043	0.00028	0.00028	0.00024	-0.00004	0.00000	0.00000
Major	18 Infectious & Parasitic Diseases Including Hiv W O.R. Procedure	0.26109	0.05503	0.02641	0.00085	0.00098	0.00110	0.00109	0.00003	0.00001	0.00000
Extreme	18 Infectious & Parasitic Diseases Including Hiv W O.R. Procedure	0.18815	0.05177	0.01977	0.00033	0.00084	0.00120	0.00159	0.00010	0.00002	0.00001
Any	18 Post-Op, Post-Trauma, Other Device Infections W O.R. Procedure	-0.03992	0.02297	-0.05086	0.00213	0.00221	0.00205	0.00213	0.00000	0.00000	0.00000
Minor	18 Post-Op, Post-Trauma, Other Device Infections W O.R. Procedure	-0.00088	-0.09862	-0.00800	0.00028	0.00030	0.00028	0.00026	0.00000	0.00000	0.00000
Mod	18 Post-Op, Post-Trauma, Other Device Infections W O.R. Procedure	0.01401	-0.09920	-0.00313	0.00093	0.00101	0.00087	0.00083	0.00000	0.00001	0.00000
Major	18 Post-Op, Post-Trauma, Other Device Infections W O.R. Procedure	0.09548	-0.05711	-0.04459	0.00072	0.00065	0.00068	0.00072	-0.00001	0.00000	0.00000
Any	18 Septicemia & Disseminated Infections	0.05778	0.07824	0.07340	0.01449	0.01604	0.01850	0.02187	0.00009	0.00019	0.00025
Minor	18 Septicemia & Disseminated Infections	-0.06850	-0.06314	0.04989	0.00020	0.00017	0.00024	0.00024	0.00000	0.00000	0.00000
Mod	18 Septicemia & Disseminated Infections	0.03276	0.00727	0.02562	0.00619	0.00528	0.00502	0.00515	-0.00003	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	18 Septicemia & Disseminated Infections	0.03394	0.02274	0.01930	0.00674	0.00741	0.00845	0.00956	0.00002	0.00002	0.00002
Any	18 Post-Operative, Post-Traumatic, Other Device Infections	-0.16361	-0.03545	-0.03369	0.00430	0.00455	0.00417	0.00403	-0.00004	0.00001	0.00000
Minor	18 Post-Operative, Post-Traumatic, Other Device Infections	0.05096	-0.08886	0.00735	0.00096	0.00093	0.00071	0.00065	0.00000	0.00002	0.00000
Mod	18 Post-Operative, Post-Traumatic, Other Device Infections	0.12858	-0.07015	0.00826	0.00222	0.00231	0.00206	0.00185	0.00001	0.00002	0.00000
Major	18 Post-Operative, Post-Traumatic, Other Device Infections	0.11966	-0.04976	0.03279	0.00098	0.00113	0.00116	0.00119	0.00002	0.00000	0.00000
Any	18 Fever	-0.10893	0.12895	0.08696	0.00105	0.00112	0.00105	0.00108	-0.00001	-0.00001	0.00000
Minor	18 Fever	0.17420	-0.11635	-0.07851	0.00011	0.00009	0.00007	0.00009	0.00000	0.00000	0.00000
Mod	18 Fever	0.14572	-0.05143	-0.02314	0.00062	0.00065	0.00058	0.00055	0.00000	0.00000	0.00000
Major	18 Fever	0.26241	-0.03851	-0.04339	0.00031	0.00036	0.00037	0.00038	0.00001	0.00000	0.00000
Any	18 Viral Illness	0.30241	-0.08211	0.09295	0.00076	0.00081	0.00066	0.00075	0.00001	0.00001	0.00001
Minor	18 Viral Illness	-0.28522	0.34021	0.04146	0.00009	0.00006	0.00003	0.00005	0.00001	-0.00001	0.00000
Mod	18 Viral Illness	-0.24571	0.15436	0.05347	0.00045	0.00046	0.00039	0.00032	0.00000	-0.00001	0.00000
Major	18 Viral Illness	-0.34730	0.10383	-0.01747	0.00020	0.00028	0.00022	0.00034	-0.00003	-0.00001	0.00000
Any	18 Other Infectious & Parasitic Diseases	0.27446	0.08097	0.03734	0.00108	0.00138	0.00137	0.00123	0.00008	0.00000	-0.00001
Minor	18 Other Infectious & Parasitic Diseases	-0.21646	-0.06845	-0.00155	0.00024	0.00032	0.00032	0.00025	-0.00002	0.00000	0.00000
Mod	18 Other Infectious & Parasitic Diseases	-0.26738	-0.00740	0.05319	0.00048	0.00063	0.00064	0.00056	-0.00004	0.00000	0.00000
Major	18 Other Infectious & Parasitic Diseases	-0.31766	-0.16150	-0.10753	0.00030	0.00027	0.00025	0.00024	0.00001	0.00000	0.00000
Any	19 Mental Illness Diagnosis W O.R. Procedure	0.23463	0.02183	-0.04493	0.00008	0.00006	0.00005	0.00006	-0.00001	0.00000	0.00000
Any	19 Schizophrenia	-0.52967	-0.07383	0.00747	0.00258	0.00310	0.00358	0.00484	-0.00028	-0.00004	0.00001
Minor	19 Schizophrenia	0.16307	-0.21638	-0.14571	0.00076	0.00083	0.00087	0.00126	0.00001	-0.00001	-0.00006
Mod	19 Schizophrenia	0.26682	-0.14247	-0.12547	0.00168	0.00202	0.00239	0.00320	0.00009	-0.00005	-0.00010
Major	19 Schizophrenia	0.37919	-0.09765	-0.08629	0.00012	0.00024	0.00030	0.00035	0.00004	-0.00001	0.00000
Any	19 Major Depressive Disorders & Other/Unspecified Psychoses	-0.14180	-0.07565	0.07445	0.00707	0.00607	0.00556	0.00667	0.00014	0.00004	0.00008

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Minor	19 Major Depressive Disorders & Other/Unspecified Psychoses	0.02758	-0.04625	-0.11819	0.00022	0.00027	0.00024	0.00034	0.00000	0.00000	-0.00001
Mod	19 Major Depressive Disorders & Other/Unspecified Psychoses	0.11288	0.05504	-0.02373	0.00551	0.00462	0.00424	0.00511	-0.00010	-0.00002	-0.00002
Major	19 Major Depressive Disorders & Other/Unspecified Psychoses	0.12870	0.07954	-0.00237	0.00105	0.00091	0.00086	0.00101	-0.00002	0.00000	0.00000
Any	19 Bipolar Disorders	-0.14582	-0.11710	-0.00493	0.00171	0.00204	0.00221	0.00295	-0.00005	-0.00002	0.00000
Minor	19 Bipolar Disorders	-0.15147	-0.03724	-0.09894	0.00026	0.00035	0.00037	0.00053	-0.00001	0.00000	-0.00002
Mod	19 Bipolar Disorders	0.03475	0.00087	-0.01876	0.00130	0.00140	0.00152	0.00211	0.00000	0.00000	-0.00001
Major	19 Bipolar Disorders	0.06594	-0.03141	-0.02608	0.00013	0.00021	0.00025	0.00024	0.00001	0.00000	0.00000
Any	19 Depression Except Major Depressive Disorder	0.19360	-0.07357	0.11832	0.00088	0.00083	0.00065	0.00072	-0.00001	0.00001	0.00001
Minor	19 Depression Except Major Depressive Disorder	-0.42514	0.01028	-0.17907	0.00010	0.00009	0.00011	0.00014	0.00000	0.00000	-0.00001
Mod	19 Depression Except Major Depressive Disorder	-0.21887	0.03279	-0.02225	0.00072	0.00064	0.00045	0.00049	0.00002	-0.00001	0.00000
Any	19 Adjustment Disorders & Neuroses Except Depressive Diagnoses	-0.19965	0.04606	-0.03441	0.00019	0.00013	0.00013	0.00016	0.00001	0.00000	0.00000
Minor	19 Adjustment Disorders & Neuroses Except Depressive Diagnoses	0.11350	-0.04795	-0.02197	0.00009	0.00006	0.00006	0.00007	0.00000	0.00000	0.00000
Mod	19 Adjustment Disorders & Neuroses Except Depressive Diagnoses	0.18339	-0.11626	-0.05918	0.00008	0.00006	0.00006	0.00007	0.00000	0.00000	0.00000
Any	19 Acute Anxiety & Delirium States	-0.13778	-0.00157	0.27667	0.00168	0.00127	0.00089	0.00083	0.00006	0.00000	-0.00002
Minor	19 Acute Anxiety & Delirium States	0.06030	0.01360	-0.22442	0.00053	0.00044	0.00033	0.00034	-0.00001	0.00000	0.00000
Mod	19 Acute Anxiety & Delirium States	0.25635	0.02155	-0.16476	0.00079	0.00059	0.00039	0.00034	-0.00005	0.00000	0.00001
Major	19 Acute Anxiety & Delirium States	0.24339	0.16262	-0.11024	0.00034	0.00023	0.00015	0.00013	-0.00003	-0.00001	0.00000
Any	19 Organic Mental Health Disturbances	0.21646	-0.12966	0.22886	0.00522	0.00419	0.00308	0.00326	-0.00022	0.00014	0.00004
Minor	19 Organic Mental Health Disturbances	-0.17276	-0.10065	-0.12002	0.00176	0.00113	0.00065	0.00067	0.00011	0.00005	0.00000
Mod	19 Organic Mental Health Disturbances	-0.15738	-0.07093	-0.13664	0.00267	0.00235	0.00178	0.00193	0.00005	0.00004	-0.00002
Major	19 Organic Mental Health Disturbances	-0.10200	-0.11281	-0.11783	0.00076	0.00068	0.00062	0.00064	0.00001	0.00001	0.00000
Any	19 Other Mental Health Disorders	-0.02406	0.11065	-0.01978	0.00035	0.00023	0.00027	0.00032	0.00000	0.00000	0.00000
Minor	19 Other Mental Health Disorders	0.09665	-0.14256	-0.05138	0.00008	0.00005	0.00002	0.00005	0.00000	0.00000	0.00000
Mod	19 Other Mental Health Disorders	0.11724	-0.15387	0.11059	0.00021	0.00015	0.00019	0.00021	-0.00001	-0.00001	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	20 Alcohol & Drug Dependence W Rehab Or Rehab/Detox Therapy	-0.14321	-0.08189	0.10669	0.00008	0.00008	0.00010	0.00014	0.00000	0.00000	0.00000
Any	20 Alcohol Abuse & Dependence	-0.00301	-0.13787	0.08064	0.00053	0.00053	0.00060	0.00072	0.00000	-0.00001	0.00001
Mod	20 Alcohol Abuse & Dependence	0.00098	0.10767	-0.10701	0.00034	0.00030	0.00033	0.00037	0.00000	0.00000	0.00000
Major	20 Alcohol Abuse & Dependence	-0.16142	0.09797	-0.13875	0.00010	0.00012	0.00016	0.00023	0.00000	0.00000	-0.00001
Any	20 Other Drug Abuse & Dependence	-0.08930	-0.12344	0.11850	0.00097	0.00085	0.00086	0.00102	0.00001	0.00000	0.00002
Minor	20 Other Drug Abuse & Dependence	0.22062	0.30967	-0.09767	0.00010	0.00008	0.00006	0.00008	-0.00001	0.00000	0.00000
Mod	20 Other Drug Abuse & Dependence	0.18428	0.18705	0.05204	0.00060	0.00048	0.00048	0.00052	-0.00002	0.00000	0.00000
Major	20 Other Drug Abuse & Dependence	0.27851	0.30164	0.04934	0.00026	0.00028	0.00029	0.00039	0.00001	0.00000	0.00000
Any	21 O.R. Procedure For Other Complications Of Treatment	-0.03645	0.01086	0.00132	0.00187	0.00181	0.00173	0.00192	0.00000	0.00000	0.00000
Minor	21 O.R. Procedure For Other Complications Of Treatment	-0.00593	0.01386	-0.02525	0.00037	0.00029	0.00024	0.00027	0.00000	0.00000	0.00000
Mod	21 O.R. Procedure For Other Complications Of Treatment	0.01173	-0.05355	0.02310	0.00091	0.00084	0.00079	0.00085	0.00000	0.00000	0.00000
Major	21 O.R. Procedure For Other Complications Of Treatment	0.09849	-0.00354	-0.01112	0.00048	0.00049	0.00052	0.00058	0.00000	0.00000	0.00000
Any	21 Allergic Reactions	0.13400	-0.05971	0.06996	0.00018	0.00034	0.00034	0.00051	0.00002	0.00000	0.00001
Mod	21 Allergic Reactions	-0.10884	0.03504	0.03670	0.00009	0.00016	0.00016	0.00020	-0.00001	0.00000	0.00000
Any	21 Poisoning Of Medicinal Agents	0.06752	-0.00714	0.08783	0.00176	0.00201	0.00211	0.00263	0.00002	0.00000	0.00005
Minor	21 Poisoning Of Medicinal Agents	-0.13046	0.14479	-0.10744	0.00013	0.00013	0.00011	0.00017	0.00000	0.00000	-0.00001
Mod	21 Poisoning Of Medicinal Agents	-0.07502	0.01642	-0.00474	0.00099	0.00106	0.00100	0.00123	-0.00001	0.00000	0.00000
Major	21 Poisoning Of Medicinal Agents	-0.06670	-0.01306	-0.01610	0.00058	0.00069	0.00080	0.00089	-0.00001	0.00000	0.00000
Any	21 Other Complications Of Treatment	0.41196	-0.08451	0.03126	0.00193	0.00204	0.00209	0.00216	0.00004	0.00000	0.00000
Minor	21 Other Complications Of Treatment	-0.41494	-0.00151	-0.03478	0.00043	0.00036	0.00031	0.00037	0.00003	0.00000	0.00000
Mod	21 Other Complications Of Treatment	-0.41327	0.04046	-0.02525	0.00097	0.00103	0.00096	0.00096	-0.00002	0.00000	0.00000
Major	21 Other Complications Of Treatment	-0.35757	0.05876	-0.00984	0.00048	0.00057	0.00070	0.00070	-0.00003	0.00001	0.00000
Any	21 Other Injury, Poisoning & Toxic Effect Diagnoses	0.39773	0.16410	0.00740	0.00048	0.00040	0.00041	0.00040	-0.00003	0.00000	0.00000
Minor	21 Other Injury, Poisoning & Toxic Effect Diagnoses	-0.27559	0.03637	0.01174	0.00012	0.00008	0.00009	0.00011	0.00001	0.00000	0.00000
Mod	21 Other Injury, Poisoning & Toxic Effect Diagnoses	-0.29590	-0.08398	0.12284	0.00020	0.00018	0.00019	0.00014	0.00001	0.00000	-0.00001

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Major	21 Other Injury, Poisoning & Toxic Effect Diagnoses	-0.37748	-0.25581	0.12303	0.00012	0.00012	0.00011	0.00011	0.00000	0.00000	0.00000
Any	21 Toxic Effects Of Non-Medicinal Substances	-0.08727	-0.00283	0.06167	0.00018	0.00022	0.00033	0.00042	0.00000	0.00000	0.00001
Mod	21 Toxic Effects Of Non-Medicinal Substances	0.17377	0.09073	0.10070	0.00009	0.00009	0.00013	0.00015	0.00000	0.00000	0.00000
Any	22 Full Thickness Burns W Skin Graft	0.43158	0.25695	0.13722	0.00025	0.00017	0.00013	0.00016	-0.00003	-0.00001	0.00000
Mod	22 Full Thickness Burns W Skin Graft	-0.48957	-0.03246	-0.04253	0.00012	0.00007	0.00006	0.00006	0.00002	0.00000	0.00000
Major	22 Full Thickness Burns W Skin Graft	-0.08129	-0.13116	-0.07809	0.00009	0.00006	0.00005	0.00007	0.00000	0.00000	0.00000
Any	22 Extensive 3Rd Degree Or Full Thickness Burns W/O Skin Graft	-0.02290	0.15759	-0.17561	0.00018	0.00014	0.00010	0.00013	0.00000	-0.00001	-0.00001
Mod	22 Extensive 3Rd Degree Or Full Thickness Burns W/O Skin Graft	-0.05638	-0.15102	0.07743	0.00009	0.00007	0.00005	0.00008	0.00000	0.00000	0.00000
Any	22 Partial Thickness Burns W Or W/O Skin Graft	0.00032	-0.00972	-0.04106	0.00028	0.00027	0.00022	0.00024	0.00000	0.00000	0.00000
Mod		0.04066	-0.02529	0.00975	0.00018	0.00011	0.00009	0.00011	0.00000	0.00000	0.00000
Any	23 Procedure W Diag Of Rehab, Aftercare Or Oth Contact W Health Service	0.21980	0.08322	0.09085	0.00023	0.00021	0.00029	0.00029	0.00000	0.00001	0.00000
Minor		-0.21107	-0.04036	-0.05493	0.00015	0.00013	0.00010	0.00013	0.00000	0.00000	0.00000
Any	23 Rehabilitation	0.66989	0.33482	0.11210	0.00210	0.00135	0.00129	0.00117	-0.00050	-0.00002	-0.00001
Minor	23 Rehabilitation	-0.43636	-0.11053	-0.03529	0.00034	0.00033	0.00024	0.00019	0.00001	0.00001	0.00000
Mod	23 Rehabilitation	-0.43173	-0.15663	0.06934	0.00099	0.00065	0.00065	0.00054	0.00015	0.00000	-0.00001
Major	23 Rehabilitation	-0.23122	-0.14146	0.29997	0.00067	0.00031	0.00035	0.00037	0.00008	-0.00001	0.00001
Any	23 Signs, Symptoms & Other Factors Influencing Health Status	-0.25563	-0.03597	0.00826	0.00269	0.00368	0.00490	0.00645	-0.00026	-0.00004	0.00001
Minor	23 Signs, Symptoms & Other Factors Influencing Health Status	0.36536	0.10047	0.13621	0.00048	0.00052	0.00065	0.00084	0.00002	0.00001	0.00003
Mod	23 Signs, Symptoms & Other Factors Influencing Health Status	0.35875	0.13215	0.14295	0.00190	0.00253	0.00317	0.00388	0.00023	0.00008	0.00010
Major	23 Signs, Symptoms & Other Factors Influencing Health Status	0.32604	0.14629	0.08399	0.00031	0.00059	0.00103	0.00159	0.00009	0.00006	0.00005
Any	23 Other Aftercare & Convalescence	-0.02102	0.07689	0.17475	0.00011	0.00020	0.00017	0.00013	0.00000	0.00000	-0.00001
Any	24 Hiv W Multiple Major Hiv Related Conditions	-0.18478	-0.03876	0.06370	0.00013	0.00012	0.00016	0.00015	0.00000	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	24 Hiv W Major Hiv Related Condition	-0.13662	-0.07488	0.07326	0.00027	0.00023	0.00023	0.00023	0.00001	0.00000	0.00000
Major	24 Hiv W Major Hiv Related Condition	-0.00541	-0.06619	-0.06651	0.00016	0.00014	0.00015	0.00016	0.00000	0.00000	0.00000
Any	24 Hiv W One Signif Hiv Cond Or W/O Signif Related Cond	-0.09393	-0.12569	0.09772	0.00022	0.00019	0.00018	0.00020	0.00000	0.00000	0.00000
Mod	24 Hiv W One Signif Hiv Cond Or W/O Signif Related Cond	-0.02640	-0.01104	-0.13036	0.00011	0.00011	0.00010	0.00013	0.00000	0.00000	0.00000
Any	25 Musculoskeletal & Other Procedures For Multiple Significant Trauma	0.24488	0.28079	0.18961	0.00054	0.00064	0.00065	0.00074	0.00002	0.00000	0.00002
Mod	25 Musculoskeletal & Other Procedures For Multiple Significant Trauma	0.06123	-0.05873	0.03474	0.00024	0.00022	0.00022	0.00025	0.00000	0.00000	0.00000
Major	25 Musculoskeletal & Other Procedures For Multiple Significant Trauma	0.11120	-0.04818	-0.04193	0.00021	0.00032	0.00031	0.00037	0.00001	0.00000	0.00000
Any	25 Multiple Significant Trauma W/O O.R. Procedure	0.20028	0.29880	0.18619	0.00029	0.00047	0.00049	0.00050	0.00003	0.00001	0.00000
Mod	25 Multiple Significant Trauma W/O O.R. Procedure	0.04338	-0.15214	-0.04730	0.00016	0.00020	0.00020	0.00021	0.00000	0.00000	0.00000
Major	25 Multiple Significant Trauma W/O O.R. Procedure	-0.12974	-0.18909	-0.02483	0.00011	0.00020	0.00023	0.00023	-0.00001	-0.00001	0.00000
Any	Extensive Procedure Unrelated To Principal Diagnosis	0.09132	0.11896	0.00726	0.00225	0.00225	0.00200	0.00188	0.00000	-0.00003	0.00000
Minor	Extensive Procedure Unrelated To Principal Diagnosis	0.00727	-0.00766	0.09009	0.00016	0.00009	0.00007	0.00006	0.00000	0.00000	0.00000
Mod	Extensive Procedure Unrelated To Principal Diagnosis	-0.02153	-0.01876	0.08520	0.00065	0.00055	0.00044	0.00043	0.00000	0.00000	0.00000
Major	Extensive Procedure Unrelated To Principal Diagnosis	0.08518	0.00467	0.09754	0.00105	0.00110	0.00101	0.00086	0.00000	0.00000	-0.00001
Any	Moderately Extensive Procedure Unrelated To Principal Diagnosis	0.08974	0.04979	0.00704	0.00274	0.00326	0.00292	0.00297	0.00005	-0.00002	0.00000
Minor	Moderately Extensive Procedure Unrelated To Principal Diagnosis	-0.01413	0.01967	0.11018	0.00012	0.00014	0.00011	0.00011	0.00000	0.00000	0.00000
Mod	Moderately Extensive Procedure Unrelated To Principal Diagnosis	-0.02473	-0.04497	0.02454	0.00087	0.00106	0.00081	0.00070	0.00000	0.00001	0.00000
Major	Moderately Extensive Procedure Unrelated To Principal Diagnosis	0.00949	-0.00221	-0.03510	0.00140	0.00155	0.00140	0.00143	0.00000	0.00000	0.00000

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
Any	Nonextensive Procedure Unrelated To Principal Diagnosis	0.18751	0.07706	-0.06372	0.00327	0.00276	0.00233	0.00213	-0.00010	-0.00003	0.00001
Minor	Nonextensive Procedure Unrelated To Principal Diagnosis	-0.17520	-0.11165	-0.01011	0.00028	0.00022	0.00015	0.00012	0.00001	0.00001	0.00000
Mod	Nonextensive Procedure Unrelated To Principal Diagnosis	-0.15200	-0.12196	0.08724	0.00139	0.00098	0.00082	0.00072	0.00006	0.00002	-0.00001
Major	Nonextensive Procedure Unrelated To Principal Diagnosis	-0.09730	-0.06435	0.06737	0.00137	0.00128	0.00107	0.00098	0.00001	0.00001	-0.00001
	Free-Standing Vol/NP	-0.14221	-0.30190	-0.01896	0.15849	0.13003	0.11555	0.09936	0.00405	0.00437	0.00031
	Free-Standing Proprietary	-0.08207	-0.16754	0.14518	0.04057	0.06564	0.07288	0.07924	-0.00206	-0.00121	0.00092
	Free-Standing Government	-0.13322	-0.26364	0.01693	0.03869	0.02294	0.01857	0.01388	0.00210	0.00115	-0.00008
	Facility-Based Vol/NP	-0.14481	-0.31035	-0.03865	0.29925	0.17467	0.13603	0.10872	0.01804	0.01199	0.00106
	Facility-Based Proprietary	-0.11309	-0.26202	0.07303	0.03622	0.01450	0.01295	0.01280	0.00246	0.00040	-0.00001
	Facility-Based Government	-0.15300	-0.30948	-0.01566	0.04120	0.02502	0.02068	0.01814	0.00248	0.00134	0.00004
	Other Vol/NP	-0.11094	-0.25799	0.04215	0.08832	0.09741	0.07810	0.06820	-0.00101	0.00498	-0.00042
	Other Proprietary	-0.09851	-0.17477	0.17817	0.29267	0.46356	0.53995	0.59534	-0.01683	-0.01335	0.00987
	Other Government	-0.11499	-0.21265	0.09365	0.00441	0.00564	0.00469	0.00417	-0.00014	0.00020	-0.00005
	Acute Care Hospital Payments in 120 Days Preceding Home Health Episode	0.00000	0.00000	0.00000	\$7,569.96	\$8,083.79	\$7,979.46	\$7,958.94	-0.00106	0.00022	0.00004
	Long Term Care Hospital Payments in 120 Days Preceding Home Health Episode	0.00000	0.00000	0.00000	\$214.01	\$429.62	\$381.19	\$369.12	-0.00005	-0.00005	0.00000
	Rehabilitation Facility Payments in 120 Days Preceding Home Health Episode	0.00000	0.00000	0.00000	\$799.97	\$1,039.53	\$923.77	\$852.18	0.00048	-0.00034	-0.00001
	Medicare SNF Payments in 120 Days Preceding Home Health Episode	0.00001	0.00001	0.00000	\$1,164.79	\$1,811.73	\$2,151.44	\$2,382.63	0.00592	0.00185	-0.00037
	EM_MEDICAID_FEMALE_AGED		-0.01105	-0.05253		0.18421	0.21432	0.21213		-0.00033	0.00012
	EM_MEDICAID_FEMALE_DISABLED		-0.04952	-0.05340		0.03738	0.04529	0.04733		-0.00039	-0.00011
	EM_ORIGINALLYDISABLED_FEMALE		0.01600	0.02021		0.06867	0.07146	0.07311		0.00004	0.00003
	EM_MEDICAID_MALE_AGED		-0.02054	-0.07755		0.05927	0.07599	0.07635		-0.00034	-0.00003
	EM_MEDICAID_MALE_DISABLED		-0.02216	-0.05171		0.02686	0.03394	0.03558		-0.00016	-0.00008
	EM_ORIGINALLYDISABLED_MALE		0.02488	0.02863		0.05041	0.05194	0.05206		0.00004	0.00000
	EM_RF_CHF1		-0.04065	-0.03019		0.05238	0.06161	0.06477		-0.00038	-0.00010

APR- DRG Sev Level	Variable	Regression Coefficients			Means				Predicted Case-Mix Change		
		2000 (IPS)	2005	2009	2000	2005	2007	2009	2005	2007	2009
	EM_RF_CHF_DM		-0.04046	-0.02146		0.08332	0.09946	0.10198		-0.00065	-0.00005
	EM_CHF_COPD		-0.04788	-0.01688		0.22389	0.20360	0.20399		0.00097	-0.00001
	EM_COPD_CVD_CAD		-0.00653	-0.01684		0.02748	0.02110	0.02112		0.00004	0.00000
	EM_DM_CHF1		-0.00899	-0.00434		0.14759	0.13060	0.12885		0.00015	0.00001
	EM_DM_CVD		0.08397	0.12610		0.09159	0.08160	0.08347		-0.00084	0.00024
	EM_DISABL		0.03747	-0.00201		0.10874	0.11708	0.11914		0.00031	0.00000
	Disabled_Opportunistic Infections		-0.08050	-0.08316		0.00221	0.00208	0.00229		0.00001	-0.00002
	Disabled_Severe Hematological Disorders		-0.12495	-0.10754		0.00362	0.00361	0.00438		0.00000	-0.00008
	Disabled_Drug/Alcohol Psychosis		-0.10633	-0.11256		0.00324	0.00325	0.00382		0.00000	-0.00006
	Disabled_Drug/Alcohol Dependence		-0.08631	-0.06674		0.00454	0.00525	0.00548		-0.00006	-0.00002
	Disabled_Cystic Fibrosis		-0.28567	-0.21308		0.00016	0.00015	0.00014		0.00000	0.00000
	HCC Community Score		0.01786	0.01854		2.85531	2.80158	2.87746		-0.00096	0.00141

Notes: Three regression models were used to estimate real and nominal case-mix change for the 2000-2009 period—one that uses data from 2000 (the IPS period) that was used to predict case-mix change for 2000-2005 (the period for which HCC data were not available), a second that was used to predict case-mix change for 2005-2007, and a third that used 2009 data to predict 2007-2009 case-mix levels under the 153 HHRG model.

DM is diabetes mellitus (HCCs 15-19). CHF is congestive heart failure (HCC 80). COPD is chronic obstructive pulmonary disease (HCC 108). CVD is cerebrovascular disease (HCCs 95-96, 100-101). CAD is coronary artery disease (HCCs 81-83). RF is renal failure (HCC 131).

Real case-mix change equals the change in mean values times the regression coefficient for the appropriate time period.

Source: Abt Associates, 2011