



Study of: Readmission Rates in terms of Primary Payment Source, Top 20 APR DRGs, and Age Cohorts

SMA Informatics

Presentation of Maryland Statewide Data
Q1 2005 - Q4 2008

Maryland Statewide
Study of Readmission Rates (Readmitted Cases / Total Cases)
Q1 2005 - Q4 2008
Primary Payment Source by Readmission Rate

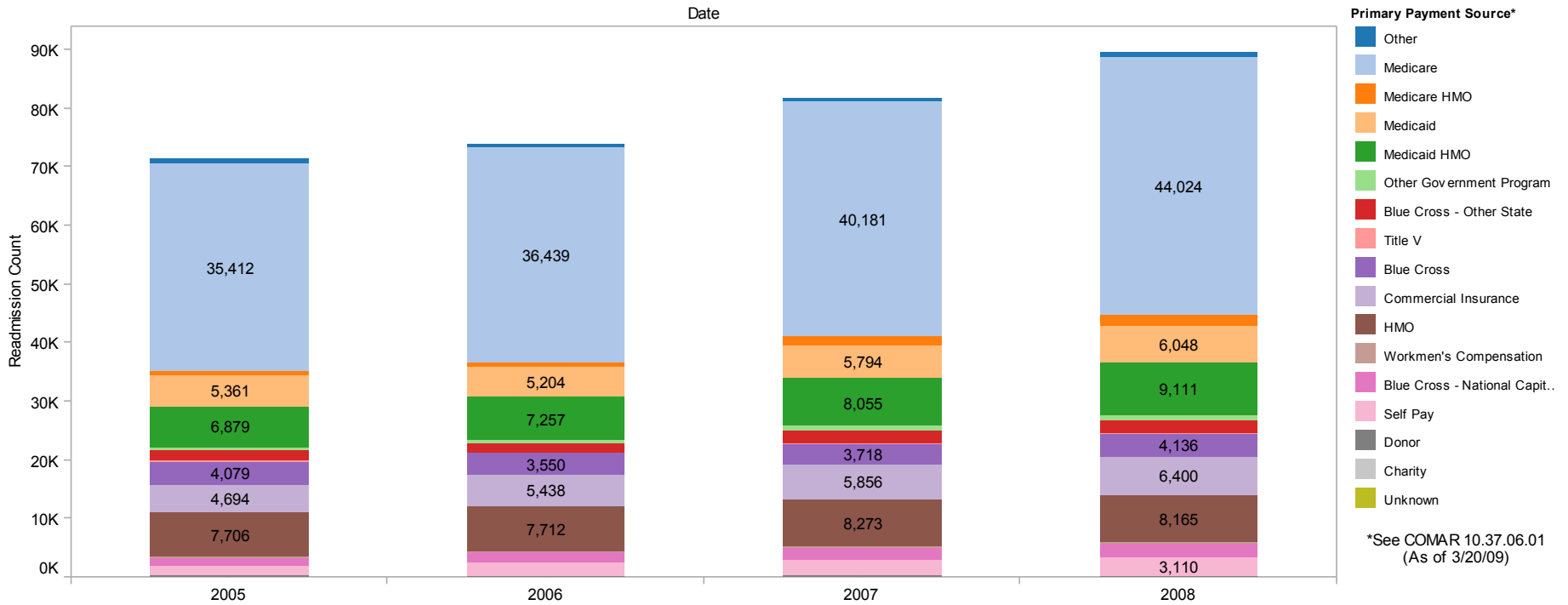


*See COMAR 10.37.06.01
(As of 3/20/09)

Primary Payment Source	2005	2006	2007	2008
Other	18.70%	18.30%	17.10%	19.35%
Medicare	13.55%	13.76%	15.14%	16.31%
Medicare HMO	13.43%	12.61%	14.49%	15.35%
Medicaid	10.67%	10.52%	11.24%	11.54%
Medicaid HMO	8.15%	8.06%	9.01%	9.99%
Other Government Program	8.00%	7.79%	8.68%	10.56%
Blue Cross - Other State	7.64%	8.59%	9.58%	9.12%
Title V	3.13%	3.13%	6.02%	10.95%
Blue Cross	7.84%	7.41%	7.76%	8.63%
Commercial Insurance	6.65%	7.35%	7.94%	8.42%
HMO	6.50%	6.65%	7.29%	7.61%
Workmen's Compensation	6.80%	6.61%	7.40%	6.75%
Blue Cross - National Capital..	5.64%	6.59%	7.10%	7.61%
Self Pay	5.40%	6.02%	6.79%	7.91%
Donor	7.58%	3.50%	5.26%	8.00%
Charity	5.72%	4.19%	6.44%	6.97%
Unknown	2.06%	3.57%	2.21%	5.49%



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Primary Payment Source by Readmission Count



*See COMAR 10.37.06.01
(As of 3/20/09)

Primary Payment Source	2005	2006	2007	2008
Other	614	605	586	702
Medicare	35,412	36,439	40,181	44,024
Medicare HMO	710	850	1,309	2,009
Medicaid	5,361	5,204	5,794	6,048
Medicaid HMO	6,879	7,257	8,055	9,111
Other Government Program	515	498	604	768
Blue Cross - Other State	1,775	1,897	2,219	2,224
Title V	1	5	8	22
Blue Cross	4,079	3,550	3,718	4,136
Commercial Insurance	4,694	5,438	5,856	6,400
HMO	7,706	7,712	8,273	8,165
Workmen's Compensation	281	259	275	248
Blue Cross - National Capital..	1,099	1,621	1,890	2,271
Self Pay	1,922	2,322	2,753	3,110
Donor	10	5	6	8
Charity	99	96	164	196
Unknown	14	36	23	45



Maryland Statewide
Study of Readmission Rates (Readmitted Cases / Total Cases)
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Top 20 APR DRGs by Readmission Rate

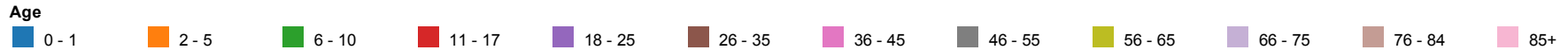
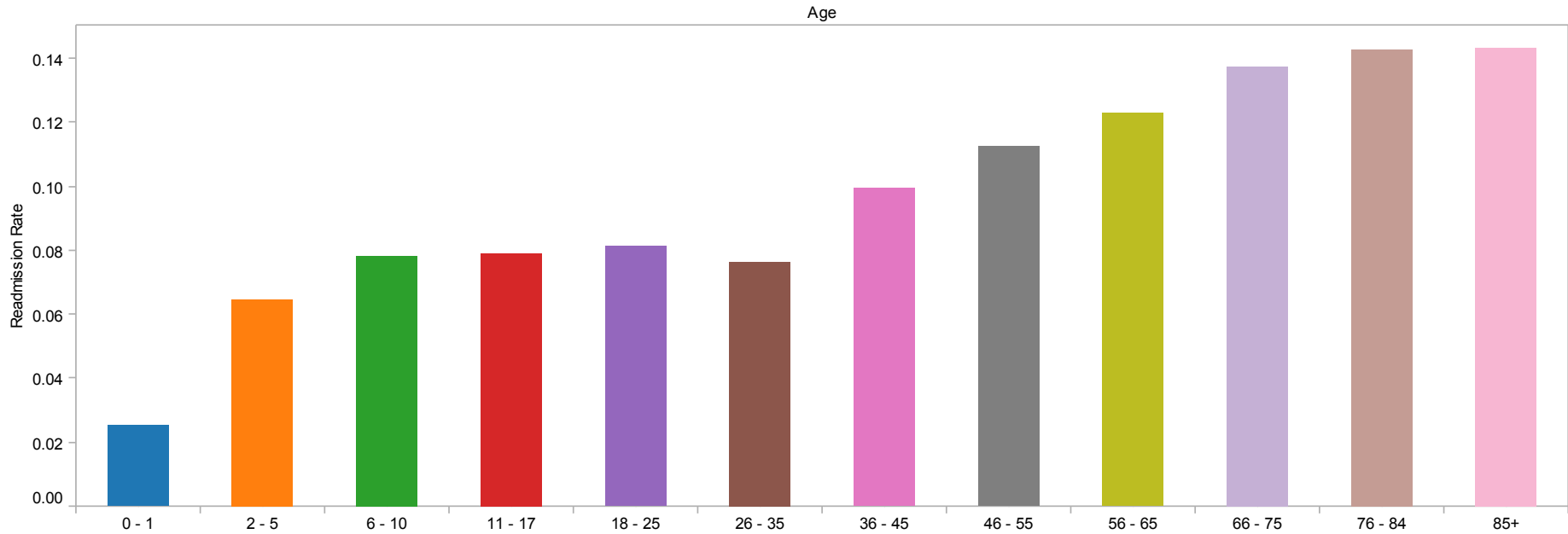
DRG	Description	Readmit Rate	DRG	Description	Readmit Cases	Readmit Rate
693	CHEMOTHERAPY	54.27%	693	CHEMOTHERAPY	10,719	54.27%
561	POSTPARTUM & POST ABORTION DIAGNOSES W/O PROCEDURE	43.16%	561	POSTPARTUM & POST ABORTION DIAGNOSES W/O PROCEDURE	4,690	43.16%
721	POST-OPERATIVE, POST-TRAUMATIC, OTHER DEVICE INFECTIONS	43.02%	721	POST-OPERATIVE, POST-TRAUMATIC, OTHER DEVICE INFECTIONS	10,913	43.02%
860	REHABILITATION	42.69%	860	REHABILITATION	37,615	42.69%
252	MALFUNCTION, REACTION & COMPLICATION OF GI DEVICE OR PROC..	38.61%	252	MALFUNCTION, REACTION & COMPLICATION OF GI DEVICE OR PROCEDURE	6,482	38.61%
863	NEONATAL AFTERCARE	37.80%	863	NEONATAL AFTERCARE	291	37.80%
711	POST-OP, POST-TRAUMA, OTHER DEVICE INFECTIONS W O.R. PROCEDURE	37.69%	711	POST-OP, POST-TRAUMA, OTHER DEVICE INFECTIONS W O.R. PROCEDURE	4,723	37.69%
813	OTHER COMPLICATIONS OF TREATMENT	33.14%	813	OTHER COMPLICATIONS OF TREATMENT	7,710	33.14%
692	RADIOTHERAPY	31.53%	692	RADIOTHERAPY	444	31.53%
001	LIVER TRANSPLANT &/OR INTESTINAL TRANSPLANT	31.22%	001	LIVER TRANSPLANT &/OR INTESTINAL TRANSPLANT	410	31.22%
660	MAJOR HEMATOLOGIC/IMMUNOLOGIC DIAG EXC SICKLE CELL CRISIS & COAGUL	30.53%	660	MAJOR HEMATOLOGIC/IMMUNOLOGIC DIAG EXC SICKLE CELL CRISIS & COAGUL	4,095	30.53%
206	MALFUNCTION, REACTION, COMPLICATIO N OF CARDIAC/VASC DEVICE OR PROCE..	29.45%	206	MALFUNCTION, REACTION, COMPLICATION OF CARDIAC/VASC DEVICE OR PROCEDURE	8,994	29.45%
662	SICKLE CELL ANEMIA CRISIS	28.69%	662	SICKLE CELL ANEMIA CRISIS	9,819	28.69%
002	HEART &/OR LUNG TRANSPLANT	28.34%	002	HEART &/OR LUNG TRANSPLANT	307	28.34%
248	MAJOR GASTROINTESTINAL & PERITONEAL INFECTIONS	28.19%	248	MAJOR GASTROINTESTINAL & PERITONEAL INFECTIONS	10,630	28.19%
791	O.R. PROCEDURE FOR OTHER COMPLICATIONS OF TREATMENT	28.04%	791	O.R. PROCEDURE FOR OTHER COMPLICATIONS OF TREATMENT	4,626	28.04%
279	HEPATIC COMA & OTHER MAJOR ACUTE LIVER DISORDERS	26.41%	279	HEPATIC COMA & OTHER MAJOR ACUTE LIVER DISORDERS	5,107	26.41%
349	MALFUNCTION, REACTION, COMPLIC OF ORTHOPEDIC DEVICE OR PROCEDURE	25.92%	349	MALFUNCTION, REACTION, COMPLIC OF ORTHOPEDIC DEVICE OR PROCEDURE	3,210	25.92%
132	BPD & OTH CHRONIC RESPIRATORY DISEASES ARISING IN PERINATAL PERIO..	25.11%	132	BPD & OTH CHRONIC RESPIRATORY DISEASES ARISING IN PERINATAL PERIOD	219	25.11%
850	PROCEDURE W DIAG OF REHAB, AFTERCARE OR OTH CONTACT W HEAL..	24.85%	850	PROCEDURE W DIAG OF REHAB, AFTERCARE OR OTH CONTACT W HEALTH SERVICE	1,674	24.85%

0.4 0.6
Readmission Rate

Case Count



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Age Cohorts by Readmission Rate



Age	Date							
	2005		2006		2007		2008	
	Readmit Cases	Readmit Rate	Readmit Cases	Readmit Rate	Readmit Cases	Readmit Rate	Readmit Cases	Readmit Rate
0 - 1	79,050	2.47%	82,238	2.25%	83,291	2.69%	81,954	2.79%
2 - 5	5,901	5.80%	6,156	6.17%	6,003	7.35%	5,777	6.42%
6 - 10	4,883	7.54%	4,829	8.01%	4,806	7.57%	4,745	8.11%
11 - 17	13,111	7.17%	12,900	7.87%	12,729	7.93%	12,412	8.64%
18 - 25	48,365	7.14%	50,646	7.64%	51,193	8.35%	51,921	9.33%
26 - 35	77,984	7.11%	78,365	7.31%	77,431	7.78%	77,889	8.37%
36 - 45	86,666	9.11%	87,265	9.59%	84,975	10.24%	82,630	10.89%
46 - 55	95,429	10.52%	97,557	10.40%	101,765	11.56%	103,912	12.44%
56 - 65	93,584	11.50%	96,330	11.48%	100,159	12.66%	104,424	13.40%
66 - 75	93,436	12.77%	93,916	12.85%	93,893	14.08%	97,743	15.14%
76 - 84	89,764	13.05%	90,226	13.32%	88,695	14.60%	89,598	16.03%
85+	48,733	12.80%	50,872	13.55%	53,754	14.96%	56,875	15.70%





Data Source: SMA Informatics Proprietary Database

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