Appendix Table 2. Changes in 30-day Readmission Rates in MA and NY Following Health Care Reform, Age18-64

	Unadjusted Results							Adjusted Results	
	Massachusetts			NY			MA vs. NY	Odds of 30-day All-Cause Readmission in MA Relative to NY	
	Pre-reform Readmission rate*	Post-reform Readmission rate	Change in Readmission rate	Pre-reform Readmission rate*	Post-reform Readmission rate	Change in Readmission Rates	Difference-in-Differences§	OR (95% CI) ‡	P-value
Index Admission Diagnosis									
All diagnoses, excluding obstetrical	14.3%	14.5%	0.2%	14.8%	14.8%	0.0%	0.2%	1.03 (1.01-1.04)	0.0005
Top 5 index admission diagnoses†									
1. Mood disorders & Schizophrenia and other psychotic disorders	18.1%	16.6%	-1.5%	18.2%	17.9%	-0.3%	-1.2%	0.92 (0.87-0.91)	0.0003
2. Back problems & Osteoporosis	8.2%	6.8%	-1.4%	14.3%	12.3%	-2.0%	0.5%	0.97 (0.90-1.05)	0.5053
3. Non specified chest pain & Coronary atherosclerosis	10.1%	11.4%	1.3%	9.3%	9.5%	0.2%	1.1%	1.12 (1.03-1.21)	0.002
4. Substance-related & Alcohol-related disorders	14.5%	15.8%	1.3%	25.0%	24.4%	-0.5%	1.8%	1.08 (1.01-1.14)	0.0162
5. Skin and subcutaneous tissue infections	11.3%	10.7%	-0.6%	10.0%	9.6%	-0.4%	-0.2%	1.00 (0.90-1.11)	0.9353

* Pre-reform period defined as 9/1/2004-6/30/2006; post-reform period defined as 1/1/2008-9/30/2009
† Patient diagnoses categorized by AHRQ's Clinical Classifications Software (CCS)
‡ Adjusted for age, sex, comorbidity, hospital ownership, teaching hospital and nurse-to-census ratio
§ Compare changes of pre- to post-reform between MA and NY where reference is NY; unadjusted