Public and Private Options in Practice: The Military Health System

MICHAEL D. FRAKES, JONATHAN GRUBER, AND TIMOTHY JUSTICZ

Online Appendix

Table A1: Sample Generalizability

	MHS	NHIS	ACS
	(1)	(2)	(3)
Age	26.93	30.11	30.85
	[4.84]	[5.61]	[5.90]
Age at First Birth	24.54	25.05	--
	[4.30]	[5.72]	
Number of Children/ Number	2.27	2.13	1.99
of Children in Household (ACS)	[1.20]	[1.12]	[1.20]
Low Birth Weight	0.033	0.072	--
	[0.178]	[0.250]	
Husband Information			
White	0.777	0.845	0.790
	[0.416]	[0.362]	[0.407]
Black	0.104	0.074	0.058
	[0.304]	[0.262]	[0.234]
Officer (MHS) or Four-Year	0.257	0.317	0.391
College Graduate (NHIS)	[0.437]	[0.466]	[0.488]
In the Labor Force	1	0.966	0.950
	[0]	[0.182]	[0.217]
Unemployed	0	0.041	0.039
	[0]	[0.199]	[0.194]
N	182,779	1,130	254,361

Notes: Military Health System (MHS) sample includes first and subsequent observed births. National Health Interview Survey (NHIS) sample constructed using the following restrictions: women from sample years 2003-2013, married to a spouse of the opposite sex, not on active duty, who have at least one child between the ages of zero and one. American Community Survey (ACS) sample constructed using the following restrictions: women from sample years 2003-2013, married to a spouse of the opposite sex, who had a child within the past year. Labor force and unemployment rules for active duty follow NHIS definitions.

Table A2: Characterizing Areas with and without Hospital-Equivalent Military Treatment Facilities

	No MTF	MTF
	(1)	(2)
Panel 1: Vital Statistics Natality Birth Data (2004)		
Age at Birth	27.59	27.86
Number of Prenatal Visits	11.46	11.50
Premature	12.22%	12.27%
Low Birth Weight	8.42%	8.05%
Mother is White	68.80%	63.13%
Mother is Black	9.37%	12.31%
Mother Used Tobacco	8.45%	5.88%
Mother Drank Alcohol	0.49%	0.52%
Births in Catchment Area Counties	17,802.16	24,218.31
N Counties	76	141
Panel 2: ACS Data (2013)		
Household Income	$81,542.34	$86,597.00
Proportion Black Population	15.05%	16.28%
Proportion White Population	75.44%	73.70%
Population with Health Insurance	85.56%	86.18%
Medicaid	16.85%	16.42%
Medicare	15.71%	15.04 %
Population with TRICARE	3.65%	7.06%
Labor Force Participation Rate	60.91%	62.10%
Unemployment Rate	8.13%	7.94%
College Graduates	19.94%	21.01%
Poverty Rate	15.15%	14.35%
Veterans	6.50%	7.49%
N Counties	61	119

Notes: Counties considered are all those within 40 miles of a Military Treatment Facility (MTF). Clinic-level MTFs do not accept inpatients. Panel 1 uses 2004 natality birth data from the National Vital Statistics System of the National Center for Health Statistics. Means are weighted by the number of births. Panel 2 uses the 2013 American Community Survey (ACS). County level means use person weights.

Table A3: First Stage

	ΔOff-Base
	(1)
	β
MTF Hospital to No MTF Hospital	0.630***
	(0.021)
No MTF Hospital to MTF Hospital	-0.593***
	(0.015)
F-Statistic	575.097
p-value	0.178
Outcome Mean	0.013
R^2	0.456
N	95,773

Notes: Column 1 shows coefficients from an OLS regression where the outcome is the change in off-base status from the previous to the current birth. The p-value is for an F-test where the null hypothesis is that the two instruments are opposite and equal. The model includes controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Standard errors are clustered at the base level.

Table A4: Alternate First Stages

	ΔOff-Base	On to Off-Base	Off to On-Base
	(1)	(2)	(3)
	β_1	β_b	β_d
ΔMTF Hospital	0.662***		
	(0.013)		
MTF Hospital to No MTF Hospital		0.437***	
		(0.024)	
No MTF Hospital to MTF Hospital			0.557***
			(0.021)
F-Statistic	577.945	116.549	175.976
Outcome Mean	0.013	0.360	0.388
R^2	0.495	0.286	0.371
N	95,773	60,140	39,564

Notes: Column 1 shows coefficients from an OLS regression where the outcome is the change in off-base status from the previous to the current birth, and the instrument is the change in whether there is an MTF hospital available within 40 miles. Possible values for the change in off-base and for the change in MTF hospital availability are 1, 0, and -1. Column 2 focuses on the subsample assigned to a base with an MTF hospital at the time of the first birth. The outcome is an indicator for having given birth on-base first and off-base subsequently. The instrument is an indicator for having moved to a base without an MTF hospital at the time of the second birth. Column 3 is the reverse of column 2, and includes the subsample assigned to a base without an MTF hospital at the time of the first birth. The outcome is an indicator for having given birth off-base first and on-base subsequently. The instrument is an indicator for having moved to a base with an MTF hospital at the time of the second birth. Each model includes controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Standard errors are clustered at the base level.

Table A5: Alternate Specifications

	(1) Mean	Single Instrument (2) β_1	Two Move Types (3) β_b	Two Move Types (4) β_d
Bed Days	2.159	0.124** (0.053)	0.092 (0.060)	-0.113** (0.052)
Bassinet Days	2.361	0.041 (0.101)	0.085 (0.109)	-0.071 (0.118)
RWP	0.503	0.009*** (0.003)	0.009*** (0.003)	-0.010*** (0.003)
Procedures	2.134	0.132 (0.107)	0.116 (0.106)	-0.126 (0.095)
Diagnostics	0.100	0.056*** (0.016)	0.045*** (0.017)	-0.047*** (0.021)
C-Section	0.282	0.026*** (0.005)	0.023*** (0.006)	-0.027*** (0.006)
Severe Complication	0.036	-0.022*** (0.004)	-0.025*** (0.005)	0.011** (0.005)
Preventable Complication	0.189	-0.082*** (0.018)	-0.075*** (0.020)	0.072*** (0.016)
Severe Acute Maternal Morbidity	0.012	-0.002 (0.002)	-0.004 (0.003)	-0.001 (0.002)
28-Day Infant Mortality (per 1,000)	0.804	-0.043 (0.597)	-0.190 (0.905)	0.069 (0.817)
1-Year Infant Mortality (per 1,000)	1.576	-0.240 (0.822)	0.579 (1.265)	0.067 (1.046)
Unplanned Readmissions (per 1,000)	12.089	-5.911** (2.018)	-4.457* (2.594)	4.741* (2.841)
Unplanned Child Readmit (per 1,000)	36.080	-2.913 (4.831)	-7.866 (5.711)	-0.878 (6.101)
30-Day Child Hosp. (per 1,000)	53.917	-13.816** (5.639)	-16.633** (6.535)	12.385 (7.766)
1-Year Unplanned Child Hosp. (per 1,000)	84.343	-2.182 (5.547)	-14.395* (7.262)	-5.313 (7.423)
Any 1-Year Child Hosp. (per 1,000)	102.091	-13.451** (6.135)	-25.027*** (8.325)	6.488 (8.703)
N		95,773	95,773	

Notes: All estimates in this table use the first difference between the current and prior birth admission. Coefficients estimate the effect of an off-base birth relative to an on-base birth. The sample includes civilian women married to military personnel who moved across bases between the previous and the current birth. Column 1 shows means for the current birth. Column 2 shows IV estimates of the effect of a change in off-base admission between the current and prior birth. Possible values for the change in off-base are 1 (for a change from on to off-base), 0 (for no change), and -1 (for a change from off to on base). This specification includes an indicator for whether the prior birth took place off base. The change in admission location is instrumented with the change in proximity to a MTF hospital, with possible values 1, 0, and -1. Columns 3 and 4 show IV estimates where the two types of change in off-base admission are estimated separately, and are instrumented with indicators for a move from MTF hospital to no MTF hospital, or from no MTF hospital to MTF hospital. β_b is the coefficient on an indicator for off-base admission when the previous admission was on-base, while β_d is the coefficient on an indicator for on-base admission when the previous admission was off-base. All regressions include controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Standard errors are clustered at the base level.

Table A6: Heterogeneity by Move Type

	Move from Base with MTF Hospital		Move from Base without MTF Hospital	
	(1) Mean	(2) β	(3) Mean	(4) β
Bed Days	2.160	0.153** (0.063)	2.158	0.105* (0.063)
Bassinet Days	2.346	0.186* (0.110)	2.385	0.022 (0.140)
RWP	0.503	0.010*** (0.003)	0.504	0.007** (0.003)
Procedures	2.141	0.102 (0.116)	2.124	0.116 (0.109)
Diagnostics	0.102	0.075*** (0.018)	0.097	0.053** (0.025)
C-Section	0.279	0.028*** (0.006)	0.286	0.023*** (0.007)
Severe Complication	0.036	-0.026*** (0.005)	0.036	-0.014** (0.006)
Preventable Complication	0.193	-0.078*** (0.021)	0.184	-0.089*** (0.018)
Severe Acute Maternal Morbidity	0.012	-0.002 (0.003)	0.011	0.000 (0.002)
28-Day Infant Mortality (per 1,000)	0.825	-1.079 (0.818)	0.772	0.089 (0.871)
1-Year Infant Mortality (per 1,000)	1.597	-0.286 (1.180)	1.544	-0.661 (1.100)
Unplanned Readmissions (per 1,000)	12.498	-2.662 (2.700)	11.460	-7.657** (2.922)
Unplanned Child Readmit (per 1,000)	36.414	-6.519 (6.436)	35.566	1.326 (6.547)
30-Day Child Hosp. (per 1,000)	55.122	-15.062** (6.767)	52.064	-12.791 (8.945)
1-Year Unplanned Child Hosp. (per 1,000)	85.784	-8.002 (7.855)	82.128	9.821 (7.517)
Any 1-Year Child Hosp. (per 1,000)	104.159	-17.570** (8.366)	98.913	-3.594 (9.095)
N		58,144		37,629

Notes: All estimates considered in this table use the first difference between the current and prior birth admission. Coefficients are for the effect of an off-base birth and are instrumented using moves away from or to areas with an MTF hospital. The sample includes civilian women married to military personnel who moved across bases between the previous and the current birth. Means are for the current birth. The sample is split by whether the nearest base at the time of the prior birth had a hospital-level military treatment facility (MTF). All regressions use the preferred instrumented specification and include controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Standard errors are clustered at the base level.

Table A7: Controlling for Distance to Hospital

	(1)	OLS (2)	IV (3)
	Mean	β	β
Bed Days	2.159	0.234***	0.119**
		(0.037)	(0.055)
Bassinet Days	2.361	0.511***	0.118
		(0.073)	(0.107)
RWP	0.503	0.014***	0.010***
		(0.002)	(0.003)
Procedures	2.134	0.026	0.132
		(0.074)	(0.112)
Diagnostics	0.100	0.110***	0.050***
		(0.010)	(0.018)
C-Section	0.282	0.035***	0.027***
		(0.004)	(0.005)
Severe Complication	0.036	-0.017***	-0.021***
		(0.003)	(0.004)
Preventable Complication	0.189	-0.079***	-0.084***
		(0.016)	(0.018)
Severe Acute Maternal Morbidity	0.012	0.001	-0.003
		(0.001)	(0.002)
28-Day Infant Mortality (per 1,000)	0.804	-0.027	-0.111
		(0.302)	(0.784)
1-Year Infant Mortality (per 1,000)	1.576	-0.347	0.366
		(0.420)	(1.000)
Unplanned Readmissions (per 1,000)	12.089	-5.674***	-4.799**
		(1.390)	(2.325)
Unplanned Child Readmit (per 1,000)	36.080	-3.149	-4.482
		(3.175)	(5.402)
30-Day Child Hosp. (per 1,000)	53.917	-6.433*	-18.166***
		(3.657)	(5.974)
1-Year Unplanned Child Hosp. (per 1,000)	84.343	-4.067	-6.102
		(3.949)	(6.012)
Any 1-Year Child Hosp. (per 1,000)	102.091	-7.490*	-19.846***
		(4.081)	(6.632)
N		95,773	95,773

Notes: All estimates considered in this table use the first difference between the current and prior birth admission. Coefficients are for the effect of an off-base birth and are instrumented in column 3 using moves away from or to areas with an MTF hospital. The sample includes civilian women married to military personnel who moved across bases between the previous and the current birth. Means are shown for the current birth. All regressions include controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. This tables adds distance to the hospital and its square. Standard errors are clustered at the base level.

Table A8: Controlling for Area Volume and Hospital Volume

	Catchment Area Volume			Hospital Volume		
	(1)	(2)	(3)	(4)	(5)	(6)
	Mean	β	p-value	Mean	β	p-value
Bed Days	2.134	0.177***	0.349	2.152	0.063	0.529
		(0.065)			(0.054)	
Bassinet Days	2.310	-0.005	0.766	2.353	-0.014	0.871
		(0.132)			(0.115)	
RWP	0.503	0.012***	0.751	0.503	0.010***	0.540
		(0.004)			(0.003)	
Procedures	2.091	0.091	0.978	2.129	0.163	0.610
		(0.105)			(0.108)	
Diagnostics	0.095	0.070**	0.299	0.097	0.041**	0.591
		(0.027)			(0.020)	
C-Section	0.280	0.029***	0.574	0.280	0.026***	0.533
		(0.006)			(0.005)	
Severe Complication	0.033	-0.019***	0.302	0.036	-0.021***	0.076
		(0.006)			(0.004)	
Preventable Complication	0.183	-0.087***	0.529	0.191	-0.084***	0.554
		(0.019)			(0.021)	
Severe Acute Maternal Morbidity	0.011	-0.003	0.041	0.012	-0.001	0.149
		(0.003)			(0.002)	
28-Day Infant Mortality (per 1,000)	0.828	0.458	0.924	0.791	-0.402	0.966
		(0.949)			(0.718)	
1-Year Infant Mortality (per 1,000)	1.610	0.596	0.599	1.593	0.060	0.706
		(1.308)			(0.957)	
Unplanned Readmissions (per 1,000)	11.669	-3.344	0.753	12.029	-6.761***	0.978
		(2.321)			(2.365)	
Unplanned Child Readmit (per 1,000)	35.444	-2.592	0.830	36.111	-5.286	0.406
		(5.431)			(5.610)	
30-Day Child Hosp. (per 1,000)	54.999	-18.254***	0.617	54.052	-16.168**	0.848
		(6.063)			(6.192)	
1-Year Unplanned Child Hosp. (per 1,000)	84.219	-0.618	0.111	84.296	-9.321	0.110
		(7.334)			(6.616)	
Any 1-Year Child Hosp. (per 1,000)	103.296	-16.297**	0.282	102.188	-21.281***	0.185
		(7.061)			(7.172)	
N		56,647			90,821	

Notes: All estimates considered in this table use the first difference between the current and prior birth admission. Coefficients are for the effect of an off-base birth and are instrumented using moves away from or to areas with an MTF hospital. The sample includes civilian women married to military personnel who moved across bases between the previous and the current birth. Means are shown for the current birth. All regressions include controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Columns 1-3 control for the total volume of surgical inpatient cases in 2004 in counties that fall within 40 miles of the nearest base. Columns 4-6 control for the number of surgical inpatient cases performed at the delivery hospital in 2004, the most recent year of data availability for off-base hospitals. Hospitals are identified using zip codes. In zip codes with more than one surgical hospital we take the average. Not all zip codes are present in the 2004 AHA data, resulting in a smaller sample when calculating catchment area volume. Standard errors are clustered at the base level. P-values in columns 3 and 6 are for a Hansen's J statistic where the null hypothesis is that both instruments identify the same parameter.

Table A9: First Stage for Enlisted and Officers

	ΔOff-Base Enlisted	ΔOff-Base Officer
	(1)	(2)
	β	β
MTF Hospital to No MTF Hospital	0.636***	0.615***
	(0.021)	(0.027)
No MTF Hospital to MTF Hospital	-0.598***	-0.581***
	(0.016)	(0.023)
F-Statistic	703.308	319.969
p-value	0.137	0.448
Outcome Mean	0.001	0.045
R^2	0.464	0.436
N	69,766	26,007

Notes: Column 1 shows coefficients from an OLS regression where the outcome is the change in off-base status from the previous to the current birth for wives of enlisted personnel. The p-value is for an F-test where the null hypothesis is that the two instruments are opposite and equal. The model includes controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Standard errors are clustered at the base level. Column 2 repeats the exercise for wives of officers.

Table A10: Heterogeneity by Enlisted or Officer

	Enlisted Sponsor			Officer Sponsor		
	(1)	(2)	(3)	(4)	(5)	(6)
	Mean	β	p-value	Mean	β	p-value
Bed Days	2.164	0.098*	0.399	2.146	0.161**	0.888
		(0.059)			(0.072)	
Bassinet Days	2.400	0.068	0.755	2.257	0.126	0.814
		(0.129)			(0.152)	
RWP	0.506	0.012***	0.660	0.495	0.008**	0.039
		(0.004)			(0.004)	
Procedures	2.130	0.152	0.447	2.144	0.104	0.766
		(0.117)			(0.115)	
Diagnostics	0.105	0.048**	0.577	0.088	0.063**	0.132
		(0.021)			(0.027)	
C-Section	0.287	0.031***	0.816	0.268	0.023***	0.027
		(0.006)			(0.007)	
Severe Complication	0.038	-0.022***	0.222	0.030	-0.019***	0.052
		(0.005)			(0.007)	
Preventable Complication	0.193	-0.080***	0.292	0.180	-0.098***	0.148
		(0.021)			(0.021)	
Severe Acute Maternal Morbidity	0.012	-0.001	0.503	0.010	-0.006	0.094
		(0.003)			(0.003)	
28-Day Infant Mortality (per 1,000)	0.809	0.114	0.803	0.793	-0.826	0.570
		(0.939)			(0.959)	
1-Year Infant Mortality (per 1,000)	1.677	1.508	0.966	1.308	-2.812**	0.361
		(1.217)			(1.377)	
Unplanned Readmissions (per 1,000)	13.083	-5.800**	0.690	9.428	-3.930	0.846
		(2.794)			(2.869)	
Unplanned Child Readmit (per 1,000)	38.184	-4.913	0.271	30.516	-3.507	0.587
		(5.521)			(7.989)	
30-Day Child Hosp. (per 1,000)	57.083	-18.313***	0.891	45.541	-13.707	0.672
		(6.764)			(8.392)	
1-Year Unplanned Child Hosp. (per 1,000)	90.149	-3.673	0.065	68.990	-12.553	0.463
		(6.141)			(10.664)	
Any 1-Year Child Hosp. (per 1,000)	108.757	-16.814**	0.190	84.463	-24.709**	0.510
		(7.345)			(11.666)	
N		69,766			26,007	

Notes: All estimates considered in this table use the first difference between the current and prior birth admission. Coefficients are for the effect of an off-base birth and are instrumented using moves away from or to areas with an MTF hospital. The sample includes civilian women married to military personnel who moved across bases between the previous and the current birth. Means are shown for the current birth. The sample is split by whether the sponsor is enlisted or is an officer. Note that officers are required to hold four-year college degrees. All regressions use the preferred instrumented specification and include controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Standard errors are clustered at the base level. P-values in columns 3 and 6 are for a Hansen's J statistic where the null hypothesis is that both instruments identify the same parameter.

Table A11: Controlling for Previous C-Section

	(1) Mean	OLS (2) β	IV (3) β	(4) p-value
Bed Days	2.159	0.231*** (0.038)	0.115*** (0.055)	0.434
Bassinet Days	2.361	0.480*** (0.076)	0.088 (0.106)	0.930
RWP	0.503	0.015*** (0.002)	0.011*** (0.003)	0.104
Procedures	2.134	0.031 (0.074)	0.137 (0.111)	0.673
Diagnostics	0.100	0.109*** (0.010)	0.052*** (0.018)	0.684
C-Section	0.282	0.036*** (0.004)	0.028*** (0.005)	0.111
Severe Complication	0.036	-0.018*** (0.003)	-0.021*** (0.004)	0.044
Preventable Complication	0.189	-0.078*** (0.016)	-0.084*** (0.019)	0.988
Severe Acute Maternal Morbidity	0.012	0.001 (0.001)	-0.002 (0.002)	0.154
28-Day Infant Mortality (per 1,000)	0.804	-0.026 (0.292)	-0.155 (0.752)	0.903
1-Year Infant Mortality (per 1,000)	1.576	-0.353 (0.414)	0.314 (0.980)	0.722
Unplanned Readmissions (per 1,000)	12.089	-5.923*** (1.425)	-5.218** (2.249)	0.861
Unplanned Child Readmission (per 1,000)	36.080	-3.197 (3.166)	-4.341 (5.357)	0.254
30-Day Child Hospitalization (per 1,000)	53.917	-5.872 (3.739)	-16.692*** (5.951)	0.767
1-Year Unplanned Child Hospitalization (per 1,000)	84.343	-4.045 (3.969)	-6.048 (6.045)	0.069
Any 1-Year Child Hospitalization (per 1,000)	102.091	-7.001 (4.206)	-18.776*** (6.686)	0.169
N		95,773	95,773	

Notes: All outcomes in this table are the first difference between the current and prior birth admission. All mothers in the sample moved across bases between births. Column 1 shows mean outcomes for the current birth. Column 2 shows OLS estimates of the effect of a change in off-base admission between the current and prior birth. Possible values for the change in off-base are 1 (for a change from on to off-base), 0 (for no change), and -1 (for a change from off to on base). This specification includes an indicator for whether the prior birth took place off base. Column 3 shows 2SLS estimates where the change in off-base admission is instrumented with indicators for a move from MTF hospital to no MTF hospital, or from no MTF hospital to MTF hospital. MTF hospital is defined as the zip code of residence being within 40 miles of a hospital-level MTF with inpatient services. All moves are across bases. Column 4 reports the p-value from Hansen's J statistic, where the null hypothesis is that both instruments identify the same parameter. The previous birth location indicator is also instrumented with an indicator for whether the mother lived within 40 miles of an MTF hospital. All regressions include controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Both OLS and IV specifications also include a control for previous C-section. Standard errors are clustered at the base level.

Table A12: Heterogeneity by Previous C-section

	No Previous C-section			Previous C-section		
	(1)	(2)	(3)	(4)	(5)	(6)
	Mean	β	p-value	Mean	β	p-value
Bed Days	2.038	0.025	0.262	2.550	0.384***	0.610
		(0.058)			(0.087)	
Bassinet Days	2.166	0.148	0.448	2.985	-0.081	0.359
		(0.089)			(0.303)	
RWP	0.444	0.007**	0.082	0.695	0.021***	0.469
		(0.003)			(0.005)	
Procedures	2.207	0.232*	0.978	1.900	-0.160	0.069
		(0.123)			(0.106)	
Diagnostics	0.088	0.058***	0.671	0.139	0.039	0.919
		(0.016)			(0.038)	
C-Section	0.060	0.016***	0.196	0.895	0.065***	0.758
		(0.005)			(0.011)	
Severe Complication	0.036	-0.020***	0.081	0.036	-0.022***	0.266
		(0.004)			(0.008)	
Preventable Complication	0.221	-0.097***	0.922	0.089	-0.042***	0.731
		(0.022)			(0.015)	
Severe Acute Maternal Morbidity	0.009	-0.001	0.140	0.021	-0.008	0.491
		(0.002)			(0.006)	
28-Day Infant Mortality (per 1,000)	0.727	0.333	0.983	1.051	-1.642	0.821
		(0.712)			(1.615)	
1-Year Infant Mortality (per 1,000)	1.583	0.833	0.825	1.553	-1.018	0.400
		(0.936)			(2.221)	
Unplanned Readmissions (per 1,000)	10.036	-4.375**	0.386	18.696	-6.712	0.333
		(1.936)			(5.454)	
Unplanned Child Readmission (per 1,000)	37.200	-4.705	0.738	32.490	-2.163	0.041
		(6.069)			(6.083)	
30-Day Child Hospitalization (per 1,000)	53.542	-16.138**	0.772	55.116	-17.853	0.874
		(6.259)			(11.185)	
1-Year Unplanned Child Hospitalization (per 1,000)	84.628	-9.257	0.347	83.429	5.287	0.014
		(6.781)			(9.655)	
Any 1-Year Child Hospitalization (per 1,000)	101.190	-21.642***	0.324	104.977	-8.980	0.155
		(7.303)			(12.448)	
N		73,059			22,714	

Notes: All estimates considered in this table are the first difference between the current and prior birth admission. Coefficients are for the effect of an off-base birth and are instrumented using moves away from or to areas with an MTF hospital. The sample includes civilian women married to military personnel who moved across bases between the previous and the current birth. Means are shown for the current birth. The sample is split by whether the mother had a C-section at the previous birth. All regressions use the preferred instrumented specification and include controls for calendar year, sponsor's occupation and race, and change in age group, distance to the nearest base and its square, and sponsor's pay grade. Standard errors are clustered at the base level. P-values in columns 3 and 6 are for a Hansen's J statistic where the null hypothesis is that both instruments identify the same parameter.