

**Table 1. Crude Per Capita Total Admission Rates to Local Hospital, Staffed Beds Per Capita, and Percentage of All Admissions to Local Hospital, 2006**

Hospital	No. Staffed Beds	Population MSA	Staffed Beds per 1,000	Total Local Hospital Admiss.	Local Admiss. Per 1,000	Odds Ratio Comparing Local Admiss Hosp c Ref	95 % C.I.	Odds Ratio Comparing Local Admiss. Hosp b Ref	95 % C.I.	Total Admiss. Anywhere	Total Admiss. Anywhere per 1,000	Percentage Admission to Local Hospital
a	91.00	21450.00	4.24	1428.00	65.57	0.83	0.77 - 0.89	0.78	0.72 - 0.84	2,370	110.41	60.25%
b	95.00	18090.00	5.25	1517.00	87.96	1.06	0.99 -1.14	1.00	Reference Hosp	2,956	163.41	51.32%
c	101.00	26889.00	3.77	2132.00	79.29	1.00	Reference Hosp	0.94	0.88 - 1.01	5,143	191.27	42.08%
d	25.00	20437.00	1.22	407.00	19.91	0.24	0.21 - 0.26	0.22	0.20 - 0.25	3,100	151.29	13.13%

**Table 2. Crude Admission Rates to Local Hospital from MSA, 2006**

Hospital	Population MSA	Total Admiss.	Admiss. Per 1,000	ACSC Admiss.	ACSC Admiss. Per 1,000	Low Var. Surg. Admiss.	Low Var. Surg. per 1,000	High Var. Surg. Admiss.	High Var. Surg. per 1,000	Discret. Med. Admiss.	Discret. Med. Admiss. Per 1,000	Residual Admiss. Per 1,000	O.R. Residual Admiss. Hosp c Ref	95% C.I.	O.R. Residual Admiss. Hosp b Ref	95% C.I.
a	21450	1428	66.57	432	20.14	45	2.09	21	0.98	158	7.37	36.00	0.81	0.74-0.90	0.83	0.76-0.92
b	18090	1517	83.86	456	25.21	49	2.71	2	0.11	229	12.66	43.17	1.05	0.96-1.16	1.00	Ref Hosp
c	26889	2132	79.29	643	23.91	75	2.79	7	0.27	302	11.23	41.09	1.00	Ref Hosp	0.95	0.87-1.04
d	20437	497	24.32	190	9.29	9	0.44	3	0.15	66	3.23	11.21	0.27	0.23-0.31	0.25	0.22-0.29

**Table 3. Crude Admission Rates to Hospitals Anywhere from MSA, 2006**

MSA	Pop MSA	Total Admiss.	Admiss. Per 1,000	ACSC Admiss.	ACSC Admiss. Per 1,000	Low Var. Surg. Admiss.	Low Var. Surg. per 1,000	High Var. Surg. Admiss.	High Var. Surg. per 1,000	Discret. Med. Admiss.	Discret. Med. Admiss. Per 1,000	Residual Admiss Per 1,000	O.R. Residual Admiss. MSA C Ref	95% C.I.	O.R. Residual Admiss. MSA B Ref	95% C.I.
A	21450	2370	110.49	542	25.27	73	3.41	161	7.51	195	9.09	65.04	0.64	0.60-0.69	0.68	0.63-0.73
B	18090	2956	163.43	626	34.61	104	5.75	241	13.32	303	16.75	92.82	0.94	0.88-1.01	1.00	Ref MSA
C	26889	5143	191.27	1066	39.64	214	7.96	460	17.11	470	17.48	109.08	1.00	Ref MSA	1.19	1.12-1.27
D	20437	3100	151.69	481	23.54	117	5.73	329	16.10	171	8.35	97.98	1.00	0.94-1.07	1.06	0.99-1.13

Table 4: Odds Ratio Derived from Regression Model for Local Admissions

	Local Admission from MSA					
	Hospital a		Hospital b		Hospital d	
	<b>O.R.</b>	<b>95% C.I.</b>	<b>O.R.</b>	<b>95% C.I.</b>	<b>O.R.</b>	<b>95% C.I.</b>
Gender	1.38	(1.04,1.84)	0.95	(0.71,1.26)	1.07	(0.59,1.73)
Age	1.00	(0.90,1.12)	1.21	(1.09,1.34)	0.29	(0.18,0.46)
Race	1.03	(1.02,1.04)	1.01	(0.99,1.02)	1.02	(1.01,1.04)
Payer	0.99	(0.96,1.03)	1.00	(0.97,1.04)	1.03	(0.98,1.08)
Comorbid	0.90	(0.88,0.94)	1.01	(0.98,1.03)	1.01	(0.97,1.05)
ACSC	0.90	(0.77,1.06)	1.00	(0.86,1.17)	0.51	(0.40,0.65)
Low Var. Surgery	1.06	(0.71,1.59)	0.95	(0.64,1.41)	0.65	(0.27,1.53)
High Var. Surgery	4.33	(1.83,10.28)	0.43	(0.09,2.08)	2.17	(0.55,8.49)
Discretion Medical	0.72	(0.58,0.90)	1.09	(0.89,1.34)	0.93	(0.67,1.30)

Note: Hospital c is the reference group

Table 5: Odds Ratio Derived from Regression Model for Admissions Anywhere in Tennessee

	Admission from MSA anywhere in TN					
	MSA A		MSA B		MSA D	
	O.R.	95% C.I.	O.R.	95% C.I.	O.R.	95% C.I.
Gender	0.90	(0.73,1.10)	0.77	(0.77,1.14)	0.96	(0.79,1.18)
Age	1.05	(0.97,1.14)	<b>1.02</b>	<b>(1.02,1.19)</b>	<b>1.12</b>	<b>(1.04,1.21)</b>
Race	<b>1.02</b>	<b>(1.02,1.03)</b>	<b>1.01</b>	<b>(1.01,1.02)</b>	<b>1.02</b>	<b>(1.02,1.03)</b>
Payer	1.01	(0.98,1.03)	1.00	(1.00,1.04)	<b>1.05</b>	<b>(1.03,1.07)</b>
Comorbid	<b>0.96</b>	<b>(0.94,0.98)</b>	0.98	(0.98,1.02)	0.98	(0.97,1.00)
ACSC	<b>0.87</b>	<b>(0.76,0.99)</b>	0.89	(0.89,1.14)	<b>1.23</b>	<b>(1.08,1.40)</b>
Low Var. Surgery	0.93	(0.69,1.25)	0.67	(0.67,1.17)	1.05	(0.80,1.38)
High Var. Surgery	0.86	(0.70,1.06)	0.78	(0.78,1.17)	<b>1.30</b>	<b>(1.09,1.55)</b>
Discretion Medical	<b>0.81</b>	<b>(0.67,0.98)</b>	0.96	(0.96,1.35)	<b>0.65</b>	<b>(0.53,0.79)</b>

Note: MSA C is the reference group