

**Table 1****Work Stoppages by Industry, 1984-2004**

Industry	Number of Strikes
Manufacturing	6,575
Retail, Wholesale & Service	1,973
Construction	928
Health Care	730
Transportation	574
Local Government	421
Food Manufacturing/Processing	362
Mining	144
Electricity & Natural Gas	120
Communications	112
Maritime	69
Petro Chemicals	60
Food Retail Sales/Distribution	46
State Government	13
Federal Government (Postal Service)	6
Other	119

Source: Federal Mediation and Conciliation Service

**Table 2**  
**The Strike Sample**

	(1)
<b>Number of Strike-Facility Combinations</b>	50
<b>Mean Strike Length (days)</b>	32.1
<b>Std. Dev. Strike Length</b>	39.2
<b>Median Strike Length (days)</b>	19.0
<b><u>Distribution of Struck Hospital Size</u></b>	
(Avg. # of daily admissions 6-months prior to strike)	
5-14 admissions	11
15-29 admissions	10
30-45 admissions	17
45+ admissions	12
<b><u>Distribution of Facilities Struck Across Regions</u></b>	
Region 1	5
Region 2	1
Region 3	1
Region 4	4
Region 5	7
Region 6	5
Region 7	8
Region 8	2
Region 9	2
Region 10	8
Region 11	7

Note: Region 1 includes Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans and Wyoming counties

Region 2 includes Chemung, Livingston, Monroe, Ontario, Schuyler, Seneca, Steuben, Wayne and Yates counties

Region 3 includes Broome, Cayuga, Chenango, Cortland, Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence, Tioga and Tompkins counties

Region 4 includes Albany, Clinton, Columbia, Delaware, Essex, Franklin, Fulton, Greene, Hamilton, Montgomery, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Warren and Washington counties

Region 5 includes Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster and Westchester counties

Region 6 includes Bronx county

Region 7 includes Kings county

Regions 8 and 9 include New York county

Region 10 includes Queens and Richmond counties

Region 11 includes Nassau and Suffolk counties

**Table 3****Hospital Facilities Struck in NY State**

Year	1983-1986	1987-1990	1991-1994	1995-1998	1999-2004
Length less than 1 week	1	4	6	3	1
1 week≤length<2 weeks	2	2	0	1	0
2 week≤length<4 weeks	2	3	2	1	3
4 weeks ≤ length	7	5	1	2	4

**Table 4**  
**Sample Means**

	Mean (1)	Std. Dev. (2)
<b><u>Hospital Characteristics</u></b>		
Number of Daily Admissions	27.6	24.0
Daily Case-Mix Index	1.035	0.279
<b><u>Outcome Variables</u></b>		
In-hospital Mortality	0.033	0.044
Length of Stay	7.45	4.58
Total Procedures Performed	1.61	0.70
Days Between Admission and Principal Procedure	2.03	2.22
30-day Readmission Rate	0.142	0.079
<b><u>Patient Characteristics</u></b>		
Average Age	44.22	11.02
Proportion Female	0.58	0.11
Proportion White	0.67	0.29
Number of Diagnoses	3.29	1.20
<b><u>Strike Exposure</u></b>		
Admitted During Strike	0.00398	0.06298
Percent of Patients Admitted Exposed to Strike	0.00484	0.06298
Percent of Patient Stay Exposed to Strike	0.00396	0.05692
<b><u>Distribution of Admission Type</u></b>		
Emergency	0.54	0.20
Non-emergency	0.46	0.21

Notes: Case-mix index, outcome variables, patient characteristics and distribution of admission

type are weighted by the total number of admissions. Readmission rates calculated for post-1995  
 strikes only.

**Table 5**  
**Impact of Strikes on In-Hospital Mortality**

Independent Variable:	Indicator for Admitted during strike	Indicator for Admitted during strike	Indicator for Admitted during strike	Proportion Admitted exposed to strike	Proportion Admitted exposed to strike	Proportion Admitted exposed to strike	Proportion of stay that was during strike	Proportion of stay that was during strike	Proportion of stay that was during strike
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
strike	0.00535*** (.00164)	0.00547*** (.00153)	0.00590*** (.00169)	0.00477*** (0.00152)	0.00504*** (0.00142)	0.00540*** (0.00161)	0.00657*** (0.00203)	0.00626*** (0.00193)	0.00685*** (0.00206)
Casemix index	-	-	0.01572*** (0.00159)	-	-	0.01569*** (0.00158)	-	-	0.01788*** (0.00184)
Avg No. of Diagnoses	-	-	0.00489*** (0.00048)	-	-	0.00490*** (0.00048)	-	-	0.00495*** (0.00072)
Avg. Age	-	0.00126*** (0.00003)	0.00091*** (0.00004)	-	0.00126*** (0.00003)	0.00091*** (0.00004)	-	0.00137*** (0.00006)	0.00101*** (0.00005)
Avg. Share Female	-	-0.00338*** (0.00080)	0.00212*** (0.00082)	-	0.00338*** (0.00080)	0.00213*** (0.00082)	-	0.00545*** (0.00128)	0.00411*** (0.00129)
Avg. Share White	-	0.00086 (0.00137)	-0.00185 (0.00168)	-	0.00085 (0.00137)	-0.00188 (0.00167)	-	0.00287 (0.00191)	0.00003 (0.00220)
N	393483	392157	392145	393483	392157	392145	392157	392157	392145

\* p<0.10, \*\* p<0.05, \*\*\* p<0.01

All specifications are weighted by total admissions/patient days, include controls for week, year, regionXyear, day of week and hospital fixed effects. Robust standard errors are corrected for clustering within hospitals

**Table 6**  
**Impact of Post-1995 Strikes on Outcomes**

**Table 7****Trends in Outcomes Before and After the Strike (in days)**

Dependent Variable	In-Hospital Mortality	30-day readmission
n-20 to n-16	0.00009 (.00178)	-0.00553 (0.00868)
n-15 to n-11	0.00182 (.0019)	0.00641 (0.00951)
n-10 to n-6	-0.00218 (.00172)	0.00492 (0.00739)
n-5 to n-1	0.00031 (.00216)	0.00139 (0.00758)
strike	0.00593*** (.0017)	0.01268*** (0.00403)
n+1 to n+5	0.00374 (.00232)	0.01447* (0.00754)
n+6 to n+10	-0.00111 (.00206)	0.00656 (0.00991)
n+11 to n+15	0.00221 (.00225)	0.01347* (0.00740)
n+16 to n+20	0.0003 (.0021)	-0.00647 (0.00686)
Casemix	0.01567*** (.00158)	-0.00066 (0.00170)
# of Diagnoses	0.00490*** (.00048)	0.00887*** (0.00076)
Age	0.00091*** (.00004)	0.00168*** (0.00013)
Female	-0.00215*** (.00082)	-0.04327*** (0.00400)
White	-0.00185 (.00168)	0.00573 (0.00474)
N	392145	109129

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1

All specifications are weighted by total admissions/patient days, include controls for week, year, regionXyear, day of week and hospital fixed effects. Robust standard errors are corrected for clustering within hospitals.

**Table 8**  
**Effect of Strikes on Patient Characteristics**

Dependent Variable	Age	Share Female	Share White	Casemix Index
	(1)	(2)	(3)	(4)
strike	-0.083 (0.592)	0.008 (0.005)	0.014 (0.013)	-0.018 (0.018)
N	392,157	393,483	393,483	392,145

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

All specifications are weighted by total admissions/patient days, include controls for week, year, regionXyear, day of week and hospital fixed effects. Robust standard errors are corrected for clustering within hospitals.

**Table 9: Excluding Nearby Hospitals**

Outcome Measure	In-Hospital Mortality		30-Day Readmission		
	Method	RADIUS 3	FLOW3	RADIUS 3	FLOW3
strikeclose		0.00123* (0.00074)	0.00064 (0.00044)	0.00334 (0.00284)	0.00452*** (0.00151)
Casemix index		0.01601*** (0.00163)	0.01595*** (0.00167)	-0.00054 (0.00175)	-0.00140 (0.00184)
Avg No. of Diagnoses		0.00480*** (0.00050)	0.00480*** (0.00049)	0.00905*** (0.00079)	0.00932*** (0.00079)
Avg. Age		0.00091*** (0.00004)	0.00091*** (0.00004)	0.00163*** (0.00014)	0.00160*** (0.00004)
Avg. % Female		-0.00213** (0.00083)	0.00213*** (0.00083)	-0.04389*** (0.00406)	-0.04391*** (0.00402)
Avg. % White		-0.00200 (0.00172)	-0.00195 (0.00173)	0.00605 (0.00508)	0.00497 (0.00516)
N		372820	373268	103772	104220

**Table 10****Impact of Strikes on Treatment Intensity**

Dependent Variable	Length of Stay		Number of Procedures		Days Between Admission and Principal Procedure	
Strike Sample Period	Full	Post-1995	Full	Post-1995	Full	Post-1995
	(1)	(2)	(3)	(4)	(5)	(6)
strike	0.292 (0.226)	0.232*** (0.082)	-0.054 (0.061)	0.062** (0.027)	0.166** (0.076)	0.105** (0.053)
Casemix index	2.194*** (0.199)	2.596*** (0.122)	0.4640*** (0.0319)	0.6221*** (0.0197)	0.7789*** (0.0799)	0.9493*** (0.0604)
Avg No. of Diagnoses	0.779*** (0.106)	0.726*** (0.038)	0.1744*** (0.0223)	0.1392*** (0.0187)	0.1854*** (0.0260)	0.2533*** (0.0156)
Avg. Age	0.0578*** (0.0057)	0.0068 (0.0043)	-0.0022* (0.0012)	0.0069*** (0.0012)	0.0284*** (0.0021)	0.0079*** (0.0016)
Avg. Share Female	-0.1054 (0.1803)	0.0520 (0.1127)	-0.0728** (0.0302)	-0.0026 (0.0204)	0.0002 (0.0520)	0.0873* (0.0510)
Avg. Share White	0.5499 (0.3482)	-0.2915** (0.1415)	0.0963 (0.0801)	0.0011 (0.0332)	0.3630*** (0.0903)	-0.1124 (0.0757)
N	392,145	109,129	392,145	109,129	372693	103,248

\* p<0.10, \*\* p<0.05, \*\*\* p<0.01

All specifications are weighted by total admissions/patient days, include controls for week, year, regionXyear, day of week and hospital fixed effects. Robust standard errors are corrected for clustering within hospitals.