

Table 1. Characteristics of Hospital Encounters in the Study Sample, Overall and According to Readmission and Extended Length of Stay					
Characteristic	Overall	Not readmitted within 30 days	Readmitted within 30 days	Hospital stay less than 7 days	Hospital stay over 7 days
Number of hospitalizations	1485859	1220555	265304	1234132	251727
Age, median [Q1,Q3]	59.0 [39.0,73.0]	58.0 [37.0,73.0]	63.0 [49.0,76.0]	58.0 [36.0,72.0]	66.0 [54.0,78.0]
Gender, n (%)					
Female	688337 (55.6)	568101 (56.0)	120236 (53.5)	581129 (56.6)	107208 (50.5)
Race/Ethnicity, n (%)					
Black	275880 (22.3)	216925 (21.4)	58955 (26.2)	228601 (22.3)	47279 (22.3)
White	887036 (71.6)	732919 (72.3)	154117 (68.6)	732187 (71.3)	154849 (73.0)
Other	76124 (6.1)	64487 (6.4)	11637 (5.2)	66006 (6.4)	10118 (4.8)
Marital status, n (%)					
Married or partnered	505937 (40.8)	422396 (41.6)	83541 (37.2)	419956 (40.9)	85981 (40.5)
Divorced or separated	113043 (9.1)	88753 (8.7)	24290 (10.8)	91293 (8.9)	21750 (10.2)
Widowed	146626 (11.8)	114874 (11.3)	31752 (14.1)	114750 (11.2)	31876 (15.0)
Single	452223 (36.5)	371022 (36.6)	81201 (36.1)	383521 (37.4)	68702 (32.4)
Other	21211 (1.7)	17286 (1.7)	3925 (1.7)	17274 (1.7)	3937 (1.9)
Financial class, n (%)					
Medicaid	207128 (16.7)	169507 (16.7)	37621 (16.7)	180674 (17.6)	26454 (12.5)
Medicare	658693 (53.2)	515824 (50.9)	142869 (63.6)	515154 (50.2)	143539 (67.6)
Private Health Insurance	301095 (24.3)	265603 (26.2)	35492 (15.8)	266732 (26.0)	34363 (16.2)
Other	72124 (5.8)	63397 (6.3)	8727 (3.9)	64234 (6.3)	7890 (3.7)
Comorbidities, n (%)					
Cancer	162469 (13.1)	119331 (11.8)	43138 (19.2)	124540 (12.1)	37929 (17.9)
Metastatic solid tumor	49159 (4.0)	34552 (3.4)	14607 (6.5)	37349 (3.6)	11810 (5.6)
Solid organ transplant	31101 (2.5)	21770 (2.1)	9331 (4.2)	21069 (2.1)	10032 (4.7)
AIDS/HIV	4009 (0.3)	2758 (0.3)	1251 (0.6)	3282 (0.3)	727 (0.3)
Renal disease	160692 (13.0)	112953 (11.1)	47739 (21.2)	117267 (11.4)	43425 (20.5)
Mild liver disease	84014 (6.8)	60243 (5.9)	23771 (10.6)	65720 (6.4)	18294 (8.6)
Moderate or severe liver disease	29434 (1.6)	12886 (1.3)	7548 (3.4)	14330 (1.4)	6104 (2.9)
Diabetes with chronic complication	114155 (9.2)	81850 (8.1)	32305 (14.4)	87570 (8.5)	26585 (12.5)
Diabetes without chronic complication	260951 (21.1)	194623 (19.2)	66328 (29.5)	202547 (19.7)	58404 (27.5)
Hypertension	804663 (64.9)	632256 (62.3)	172407 (76.7)	639550 (62.3)	165113 (77.8)
Myocardial infarction	63725 (5.1)	45493 (4.5)	18232 (8.1)	48279 (4.7)	15446 (7.3)
Congestive heart failure	192606 (15.5)	138096 (13.6)	54510 (24.3)	139907 (13.6)	52699 (24.8)
Cerebrovascular disease	171956 (13.9)	128106 (12.6)	43850 (19.5)	132314 (12.9)	39642 (18.7)
COPD	271041 (21.9)	203152 (20.0)	67889 (30.2)	214415 (20.9)	56626 (26.7)
Pneumonia	170288 (13.7)	119998 (11.8)	50290 (22.4)	129048 (12.6)	41240 (19.4)
Dementia	50455 (4.1)	37356 (3.7)	13099 (5.8)	37054 (3.6)	13401 (6.3)
Anxiety	164331 (13.3)	125062 (12.3)	39269 (17.5)	136493 (13.3)	27838 (13.1)
Depression	231666 (18.7)	174542 (17.2)	57124 (25.4)	190968 (18.5)	41598 (19.6)
Psychosis	46884 (3.8)	32260 (3.2)	14624 (6.5)	34929 (3.4)	11955 (5.6)
Selected laboratory results, n (%)					
Low hemoglobin level (<12) at discharge	205848 (16.6)	160435 (15.8)	45413 (20.2)	165976 (16.2)	39872 (18.8)
Low sodium level (<135) at discharge	32601 (2.6)	24672 (2.4)	7929 (3.5)	24760 (2.4)	7841 (3.7)
Admission class, n (%)					
Inpatient	981331 (79.2)	793726 (78.3)	187605 (83.5)	772246 (75.2)	209085 (98.5)
Observation	232818 (18.8)	198316 (19.6)	34502 (15.4)	231882 (22.6)	936 (0.4)
Ambulatory Surgical Procedures	7524 (0.6)	6925 (0.7)	599 (0.3)	7505 (0.7)	19 (0.0)
Emergency	5646 (0.5)	5045 (0.5)	601 (0.3)	5643 (0.5)	3 (0.0)
Psychiatric inpatient	3198 (0.3)	2683 (0.3)	515 (0.2)	2054 (0.2)	1144 (0.5)
Hospice	1245 (0.1)	1207 (0.1)	38 (0.0)	1133 (0.1)	112 (0.1)
Other	3671 (0.3)	3258 (0.3)	413 (0.2)	2750 (0.3)	921 (0.4)
Discharge location, n (%)					
Home	876280 (70.7)	755125 (74.4)	121155 (53.9)	787787 (76.7)	88493 (41.7)
Home care services	128747 (10.4)	100117 (9.9)	28630 (12.7)	89870 (8.8)	38877 (18.3)
Intermediate care facility	8197 (0.7)	6545 (0.6)	1652 (0.7)	4736 (0.5)	3461 (1.6)
Skilled nursing facility	137840 (11.1)	98848 (9.7)	38992 (17.4)	83148 (8.1)	54692 (25.8)
Long-term care facility	13431 (1.1)	8699 (0.9)	4732 (2.1)	5044 (0.5)	8387 (4.0)
General acute care hospital	18313 (1.5)	6312 (0.6)	12001 (5.3)	14893 (1.5)	3420 (1.6)
Transfer to another hospital	4057 (0.3)	904 (0.1)	3153 (1.4)	3430 (0.3)	627 (0.3)
Transfer to a psychiatric hospital	6647 (0.5)	1081 (0.1)	4966 (2.2)	5481 (0.5)	566 (0.3)
Left against medical advice	11920 (1.0)	8556 (0.9)	3064 (1.4)	11489 (1.1)	431 (0.2)
Hospice	12761 (1.0)	8809 (0.9)	3952 (1.8)	7926 (0.8)	4835 (2.3)
Expired	15318 (1.2)	15318 (1.5)	0 (0.0)	8907 (0.9)	6411 (3.0)
Other	6129 (0.5)	3717 (0.4)	2412 (1.1)	4083 (0.4)	2046 (1.0)
Hospital encounter information, median [Q1,Q3] or n (%)					
Previous hospitalizations	1.0 [0.0,2.0]	0.0 [0.0,2.0]	2.0 [0.0,5.0]	1.0 [0.0,2.0]	1.0 [0.0,3.0]
Days since last discharge	80.3 [16.6,318.2]	102.9 [21.3,376.6]	37.0 [9.9,150.6]	97.3 [21.1,362.5]	35.1 [5.6,154.9]
Total ED visits in the last 6 months	0.0 [0.0,1.0]	0.0 [0.0,1.0]	1.0 [0.0,3.0]	0.0 [0.0,1.0]	0.0 [0.0,2.0]
Number of patients with any ED visits in past 6 months	548312 (44.3)	410343 (40.5)	137969 (61.4)	444739 (43.3)	103573 (48.8)
Admitted from the ED	605390 (48.9)	475509 (46.9)	129881 (57.8)	516634 (50.3)	88756 (41.8)
Outcomes of interest					
Lengths of stay in days, median [Q1,Q3]	2.9 [1.7,5.3]	2.8 [1.6,5.0]	3.9 [2.0,7.0]	2.4 [1.4,3.9]	10.6 [8.3,15.0]
30-day readmissions, n (%)	265304 (17.9)	0 (0.0)	265304 (100.0)	168920 (16.5)	55789 (26.3)