



Patient Safety Indicators (PSI) Benchmark Data Tables, v2024

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Introduction

The data presented in this document are nationwide comparative rates for Version 2024 of the Agency for Healthcare Research and Quality (AHRQ) Quality Indicators (QI) Patient Safety Indicators (PSI) software. The numerators, denominators, and observed rates shown in this document are based on an analysis of discharge data from the 2019, 2020, and 2021 AHRQ Healthcare Cost and Utilization Project (HCUP) State Inpatient Databases (SID).¹

HCUP is a family of healthcare databases and related software tools and products developed through a Federal-State-Industry partnership. HCUP includes the largest collection of longitudinal hospital care data in the United States, with all-payer, encounter-level information beginning in 1988. The SID contains all-payer, encounter-level information on inpatient discharges, including clinical and resource information typically found on a billing record, such as patient demographics, up to 30 *International Classification of Diseases, Tenth Revision, Clinical Modification/Procedural Classification System (ICD-10-CM/PCS)* diagnoses and procedures, length of stay, expected payer, admission and discharge dates, and discharge disposition. In 2021, the HCUP databases represented more than 97 percent of all annual discharges in the United States.²

The analytic dataset used to generate the tables in this document consists of the same hospital discharge records that comprise the reference population for Version 2024 of the AHRQ QI software. This reference population file was limited to community hospitals and also excludes rehabilitation and long-term acute care (LTAC) hospitals. Information on the type of hospital was obtained by the American Hospital Association (AHA) Annual Survey of Hospitals. AHA defines community hospitals as “all non-Federal, short-term, general, and other specialty hospitals, excluding hospital units of institutions.” Included among community hospitals are specialty hospitals such as obstetrics-gynecology, ear-nose-throat, orthopedic, and pediatric institutions. Also included are public hospitals and academic medical centers.

There are indicators of the diagnoses being present on admission (POA) in the SID for 45 states in 2019, 46 states in 2020, and 45 states in 2021, while 3 additional states are excluded due to incomplete information in the POA data element in 2019 and 2021 and 2 states are excluded in 2021. Discharges from these participating states are used to develop hospital-level indicators.³ Edit checks on POA were developed during an HCUP evaluation of POA coding in the 2011 SID at hospitals that were required to report POA to the Centers for

¹Healthcare Cost and Utilization Project (HCUP) 2019, 2020, and 2021 State Inpatient Databases (SID). Agency for Healthcare Research and Quality, Rockville, MD.

²Introduction to the HCUP State Inpatient Databases (SID). Healthcare Cost and Utilization Project (HCUP). June 2022. Agency for Healthcare Research and Quality, Rockville, MD. https://hcup-us.ahrq.gov/db/state/siddist/Introduction_to_SID.pdf.

³States with data from 2019 included in the reference population for the hospital-level indicators are AK, AR, AZ, CA, CO, DC, FL, GA, HI, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, and WV. States with data from 2020 included in the reference population are the states with 2019 data plus WY. States with data from 2021 included in the reference population are AK, AR, AZ, CA, CO, DC, FL, GA, HI, IA, IL, IN, KS, KY, LA, MA MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, and WV. Note that data from Wisconsin, Oklahoma, and New Hampshire were not included in the reference population (used to develop PSI 04, PSI 09, PSI 10, PSI 11, PSI 12, PSI 14, and PSI 15) due to incomplete procedure dates (PRDAY data element). For hospital-level quality indicators, data from Colorado and Hawaii were not used in the development of PSI 17 due to missing age in days (AGEDAY data element).

Medicare & Medicaid Services (CMS, <http://www.hcup-us.ahrq.gov/reports/methods/2015-06.pdf>). The edits identify general patterns of suspect reporting of POA. The edits do not evaluate whether a valid POA value (e.g., Y or N) is appropriate for the specific diagnosis. There are three hospital-level edit checks:

1. Indication that a hospital has POA reported as Y on all diagnoses on all discharges
2. Indication that a hospital has POA reported as missing on all non-Medicare discharges
3. Indication that a hospital reported POA as missing on all nonexempt diagnoses for 15 percent or more of discharges. The cut-point of 15 percent was determined by subtracting 2 times the standard deviation from the mean of the percentage for hospitals that are required to report POA to CMS.

Additional information on the reference population and the risk adjustment process may be found in Quality Indicator Empirical Methods, available on the AHRQ QI website (<http://www.qualityindicators.ahrq.gov/modules/Default.aspx>).

The QI observed rates for hospital-level indicators are scaled to the rate per 1,000 persons at risk (discharges). Count indicator results are listed as simple counts with no scaling at all. Cell sizes less than 11 are suppressed due to confidentiality; and are designated by an asterisk (*). When only one data point in a series must be suppressed due to cell sizes, another data point is provided as a range to disallow calculation of the masked variable.

Acknowledgements

The AHRQ QI program would like to acknowledge the HCUP Partner organizations that participated in the HCUP SID and SEDD: **Alaska** Department of Health, **Arizona** Department of Health Services, **Arkansas** Department of Health, **California** Department of Health Care Access and Information, **Colorado** Hospital Association, **Connecticut** Hospital Association, **Delaware** Division of Public Health, **District of Columbia** Hospital Association, **Florida** Agency for Health Care Administration, **Georgia** Hospital Association, **Hawaii** Laulima Data Alliance , **Hawaii** University of Hawaii at Hilo, **Illinois** Department of Public Health, **Indiana** Hospital Association, **Iowa** Hospital Association, **Kansas** Hospital Association, **Kentucky** Cabinet for Health and Family Services, **Louisiana** Department of Health , **Maine** Health Data Organization, **Maryland** Health Services Cost Review Commission, **Massachusetts** Center for Health Information and Analysis, **Michigan** Health & Hospital Association, **Minnesota** Hospital Association, **Mississippi** State Department of Health, **Missouri** Hospital Industry Data Institute, **Montana** Hospital Association, **Nebraska** Hospital Association, **Nevada** Center for Health Information Analysis, **New Hampshire** Department of Health & Human Services, **New Jersey** Department of Health, **New Mexico** Department of Health, **New York** State Department of Health, **North Carolina** Department of Health and Human Services, **North Dakota** (data provided by the Minnesota Hospital Association), **Ohio** Hospital Association, Oklahoma State Department of Health, **Oregon** Apprise Health Insights, **Pennsylvania** Health Care Cost Containment Council, **Rhode Island** Department of Health, **South Carolina** Revenue and Fiscal Affairs Office, **South Dakota** Association of Healthcare Organizations, **Tennessee** Hospital Association, **Texas** Department of State Health Services, **Utah** Department of Health, **Vermont** Association of Hospitals and Health Systems, **Virginia** Health Information, **Washington** State Department of Health, **West Virginia** Department of Health and Human Resources, **Wisconsin** Department of Health Services, and **Wyoming** Hospital Association.

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Table 1. Patient Safety Indicators (PSI) For Overall Population: Hospital-level Indicators

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
PSI 02	Death Rate in Low-Mortality Diagnosis Related Groups (DRGs)	2,912	5,249,383	0.55
PSI 03	Pressure Ulcer Rate	32,257	46,393,755	0.70
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications	110,625	731,784	151.17
PSI 04_DVT_PE	Death Rate among Surgical Inpatients with Serious Treatable Complications Stratum: Deep Vein Thrombosis/Pulmonary Embolism (DVT/PE)	4,077	89,523	45.54
PSI 04_PNEUMONIA	Death Rate among Surgical Inpatients with Serious Treatable Complications Stratum: Pneumonia	28,449	296,508	95.95
PSI 04_SEPSIS	Death Rate among Surgical Inpatients with Serious Treatable Complications Stratum: Sepsis	34,197	149,902	228.13
PSI 04_SHOCK	Death Rate among Surgical Inpatients with Serious Treatable Complications Stratum: Shock/Cardiac Arrest	38,281	131,081	292.04
PSI 04_GIHEMORRHAGE	Death Rate among Surgical Inpatients with Serious Treatable Complications Stratum: Gastrointestinal (GI) Hemorrhage/Acute Ulcer	5,621	64,770	86.78
PSI 05	Retained Surgical Item or Unretrieved Device Fragment Count	1,571	*	*
PSI 06	Iatrogenic Pneumothorax Rate	12,718	65,418,223	0.19
PSI 07	Central Venous Catheter-Related Blood Stream	7,045	55,254,033	0.13
PSI 08	In-Hospital Fall-Associated Fracture Rate	18,014	67,238,442	0.27

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INDICATOR	LABEL	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
PSI 08_HIP_FX	In-Hospital Fall with Hip Fracture Rate Component	4,784	67,238,442	0.07
PSI 08_OTHER_FX	In-Hospital Fall with Other Fracture Rate Component	13,230	67,238,442	0.20
PSI 09	Postoperative Hemorrhage or Hematoma Rate	36,790	15,815,245	2.33
PSI 10	Postoperative Acute Kidney Injury Requiring Dialysis	7,387	7,644,232	0.97
PSI 11	Postoperative Respiratory Failure Rate	55,134	7,534,022	7.32
PSI 12	Perioperative Pulmonary Embolism or Deep Vein Thrombosis Rate	51,586	16,465,538	3.13
PSI 13	Postoperative Sepsis Rate	32,003	7,651,187	4.18
PSI 14	Postoperative Wound Dehiscence Rate	6,030	3,806,305	1.58
PSI 14_OPEN	Postoperative Wound Dehiscence Rate Stratum: Open Approach	5,752	2,228,528	2.58
PSI 14_NONOPEN	Postoperative Wound Dehiscence Rate Stratum: Non-Open Approach	278	1,577,777	0.18
PSI 15	Abdominopelvic Accidental Puncture or Laceration Rate	8,221	11,839,712	0.69
PSI 17	Birth Trauma Rate - Injury to Neonate	44,483	9,499,939	4.68
PSI 18	Obstetric Trauma Rate Vaginal Delivery With Instrument	44,917	384,726	116.75
PSI 19	Obstetric Trauma Rate Vaginal Delivery Without Instrument	109,252	6,311,992	17.31

* Indicates Not Applicable

Table 2. PSI 02 - Death Rate in Low-Mortality Diagnosis Related Groups (DRGs)

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	2,912	5,249,383	0.55
Females	1,388	2,855,088	0.49
Males	1,524	2,394,295	0.64
18 to 39 years	153	1,843,002	0.08
40 to 64 years	643	2,061,602	0.31
65 to 74 years	554	670,654	0.83
75+ years	1,562	674,125	2.32
Private	350	1,375,654	0.25
Medicare	2,069	1,858,897	1.11
Medicaid	293	1,430,125	0.2
Other	119	218,278	0.55
Uninsured (self-pay/no charge)	81	366,429	0.22

Table 3. PSI 03 - Pressure Ulcer Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	32,257	46,393,755	0.7
Females	12,346	23,133,562	0.53
Males	19,911	23,260,193	0.86
18 to 39 years	2,566	5,546,119	0.46
40 to 64 years	12,188	16,288,382	0.75
65 to 74 years	8,472	10,401,098	0.81
75+ years	9,031	14,158,156	0.64
Private	6,229	9,585,373	0.65
Medicare	18,326	26,297,071	0.7
Medicaid	5,530	7,127,662	0.78
Other	1,255	1,426,986	0.88
Uninsured (self-pay/no charge)	917	1,956,663	0.47

Table 4. PSI 04 - Death Rate among Surgical Inpatients with Serious Treatable Complications

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	110,625	731,784	151.17
Females	45,827	326,047	140.55
Males	64,798	405,737	159.7
0 to 17 years	*****	151	*****
18 to 39 years	6,116 -- 6,125	76,315	80.14 -- 80.26
40 to 64 years	36,466	266,820	136.67
65 to 74 years	32,044	195,024	164.31
75+ years	35,990	193,474	186.02
Private	20,574	170,756	120.49
Medicare	68,084	403,468	168.75
Medicaid	13,998	107,239	130.53
Other	3,529	23,690	148.97
Uninsured (self-pay/no charge)	4,440	26,631	166.72

***** Obscured due to small sample size

**Table 5. PSI 04 - Death Rate among Surgical Inpatients with Serious Treatable Complications
 Stratum: Deep Vein Thrombosis/Pulmonary Embolism (DVT/PE)**

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	4,077	89,523	45.54
Females	1,830	43,179	42.38
Males	2,247	46,344	48.49
0 to 17 years	*****	12	*****
18 to 39 years	225 -- 234	10,495	21.44 -- 22.30
40 to 64 years	1,395	34,848	40.03
65 to 74 years	1,182	23,493	50.31
75+ years	1,268	20,675	61.33
Private	879	25,862	33.99
Medicare	2,424	44,788	54.12
Medicaid	468	12,381	37.8
Other	151	3,238	46.63
Uninsured (self-pay/no charge)	155	3,254	47.63

***** Obscured due to small sample size

**Table 6. PSI 04 - Death Rate among Surgical Inpatients with Serious Treatable Complications
 Stratum: Pneumonia**

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	28,449	296,508	95.95
Females	10,781	124,456	86.62
Males	17,668	172,052	102.69
0 to 17 years	*****	49	*****
18 to 39 years	1,398 -- 1,407	27,698	50.47 -- 50.80
40 to 64 years	8,846	103,716	85.29
65 to 74 years	7,952	77,925	102.05
75+ years	10,247	87,120	117.62
Private	5,014	63,623	78.81
Medicare	17,918	169,733	105.57
Medicaid	3,347	42,051	79.59
Other	944	9,869	95.65
Uninsured (self-pay/no charge)	1,226	11,232	109.15

***** Obscured due to small sample size

Table 7. PSI 04 - Death Rate among Surgical Inpatients with Serious Treatable Complications
Stratum: Sepsis

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	34,197	149,902	228.13
Females	13,750	64,390	213.54
Males	20,447	85,512	239.11
0 to 17 years	*****	42	*****
18 to 39 years	1,710 -- 1,719	16,731	102.21 -- 102.74
40 to 64 years	10,639	55,432	191.93
65 to 74 years	10,398	39,806	261.22
75+ years	11,449	37,891	302.16
Private	6,405	34,471	185.81
Medicare	21,440	81,005	264.68
Medicaid	3,973	24,030	165.33
Other	1,204	5,045	238.65
Uninsured (self-pay/no charge)	1,175	5,351	219.59

***** Obscured due to small sample size

Table 8. PSI 04 - Death Rate among Surgical Inpatients with Serious Treatable Complications
Stratum: Shock/Cardiac Arrest

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	38,281	131,081	292.04
Females	17,136	66,008	259.6
Males	21,145	65,073	324.94
0 to 17 years	*****	42	*****
18 to 39 years	2,604 -- 2,613	16,746	155.50 -- 156.04
40 to 64 years	13,719	49,497	277.17
65 to 74 years	10,761	35,358	304.34
75+ years	11,184	29,438	379.92
Private	7,292	33,180	219.77
Medicare	22,700	69,460	326.81
Medicaid	5,569	20,289	274.48
Other	1,063	3,699	287.37
Uninsured (self-pay/no charge)	1,657	4,453	372.11

***** Obscured due to small sample size

**Table 9. PSI 04 - Death Rate among Surgical Inpatients with Serious Treatable Complications
 Stratum: Gastrointestinal (GI) Hemorrhage/Acute Ulcer**

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	5,621	64,770	86.78
Females	2,330	28,014	83.17
Males	3,291	36,756	89.54
0 to 17 years	*****	*****	*****
18 to 39 years	159 -- 168	4,636 -- 4,645	34.30 -- 36.17
40 to 64 years	1,867	23,327	80.04
65 to 74 years	1,751	18,442	94.95
75+ years	1,842	18,350	100.38
Private	984	13,620	72.25
Medicare	3,602	38,482	93.6
Medicaid	641	8,488	75.52
Other	167	1,839	90.81
Uninsured (self-pay/no charge)	227	2,341	96.97

***** Obscured due to small sample size

Table 10. PSI 05 - Retained Surgical Item or Unretrieved Device Fragment Count

GROUP	NUMERATOR
Overall	1,571
Females	805
Males	766
18 to 39 years	318
40 to 64 years	582
65 to 74 years	354
75+ years	317
Private	459
Medicare	696
Medicaid	300
Other	51
Uninsured (self-pay/no charge)	65

Table 11. PSI 06 - Iatrogenic Pneumothorax Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	12,718	65,418,223	0.19
Females	6,839	32,897,906	0.21
Males	5,879	32,520,317	0.18
18 to 39 years	816	8,769,192	0.09
40 to 64 years	3,724	23,790,755	0.16
65 to 74 years	3,204	14,355,269	0.22
75+ years	4,974	18,503,007	0.27
Private	2,500	14,867,088	0.17
Medicare	8,115	35,074,434	0.23
Medicaid	1,392	10,124,065	0.14
Other	344	2,158,850	0.16
Uninsured (self-pay/no charge)	367	3,193,786	0.11

Table 12. PSI 07 - Central Venous Catheter-Related Blood Stream Infection Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	7,045	55,254,033	0.13
Females	2,991	32,491,787	0.09
Males	4,054	22,762,246	0.18
0 to 17 years	*****	110,092	*****
18 to 39 years	1,316 -- 1,325	15,052,397	0.09 -- 0.09
40 to 64 years	3,252	16,764,545	0.19
65 to 74 years	1,523	9,651,023	0.16
75+ years	945	13,675,976	0.07
Private	1,811	14,946,667	0.12
Medicare	2,928	24,692,034	0.12
Medicaid	1,763	11,240,773	0.16
Other	260	1,792,937	0.15
Uninsured (self-pay/no charge)	283	2,581,622	0.11

***** Obscured due to small sample size

Table 13. PSI 08 - In-Hospital Fall-Associated Fracture Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	18,014	67,238,442	0.27
Females	10,383	33,304,023	0.31
Males	7,631	33,934,419	0.22
18 to 39 years	1,212	8,825,309	0.14
40 to 64 years	4,918	24,842,976	0.2
65 to 74 years	4,463	15,070,673	0.3
75+ years	7,421	18,499,484	0.4
Private	2,531	15,559,757	0.16
Medicare	12,140	35,861,876	0.34
Medicaid	1,972	10,412,177	0.19
Other	922	2,182,227	0.42
Uninsured (self-pay/no charge)	449	3,222,405	0.14

Table 14. PSI 08 - In-Hospital Fall Hip Fracture Rate Component

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	4,784	67,238,442	0.07
Females	2,816	33,304,023	0.08
Males	1,968	33,934,419	0.06
18 to 39 years	68	8,825,309	0.01
40 to 64 years	909	24,842,976	0.04
65 to 74 years	1,247	15,070,673	0.08
75+ years	2,560	18,499,484	0.14
Private	495	15,559,757	0.03
Medicare	3,735	35,861,876	0.1
Medicaid	346	10,412,177	0.03
Other	137	2,182,227	0.06
Uninsured (self-pay/no charge)	71	3,222,405	0.02

Table 15. PSI 08 - In-Hospital Fall Other Fracture Rate Component

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	13,230	67,238,442	0.2
Females	7,567	33,304,023	0.23
Males	5,663	33,934,419	0.17
18 to 39 years	1,144	8,825,309	0.13
40 to 64 years	4,009	24,842,976	0.16
65 to 74 years	3,216	15,070,673	0.21
75+ years	4,861	18,499,484	0.26
Private	2,036	15,559,757	0.13
Medicare	8,405	35,861,876	0.23
Medicaid	1,626	10,412,177	0.16
Other	785	2,182,227	0.36
Uninsured (self-pay/no charge)	378	3,222,405	0.12

Table 16. PSI 09 - Postoperative Hemorrhage or Hematoma Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	36,790	15,815,245	2.33
Females	16,645	8,001,419	2.08
Males	20,145	7,813,826	2.58
18 to 39 years	3,675	1,774,947	2.07
40 to 64 years	15,701	6,373,364	2.46
65 to 74 years	9,688	4,084,334	2.37
75+ years	7,726	3,582,600	2.16
Private	11,213	4,938,011	2.27
Medicare	18,646	7,826,573	2.38
Medicaid	4,668	1,844,976	2.53
Other	1,253	590,994	2.12
Uninsured (self-pay/no charge)	1,010	614,691	1.64

Table 17. PSI 10 - Postoperative Acute Kidney Injury Requiring Dialysis

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	7,387	7,644,232	0.97
Females	2,965	4,228,473	0.7
Males	4,422	3,415,759	1.29
18 to 39 years	188	689,124	0.27
40 to 64 years	2,230	3,200,035	0.7
65 to 74 years	2,754	2,268,022	1.21
75+ years	2,215	1,487,051	1.49
Private	1,724	2,850,066	0.6
Medicare	4,866	3,708,785	1.31
Medicaid	522	659,832	0.79
Other	201	292,410	0.69
Uninsured (self-pay/no charge)	74	133,139	0.56

Table 18. PSI 11 - Postoperative Respiratory Failure Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	55,134	7,534,022	7.32
Females	23,512	4,129,311	5.69
Males	31,622	3,404,711	9.29
18 to 39 years	2,221	673,009	3.3
40 to 64 years	18,937	3,154,384	6
65 to 74 years	19,037	2,225,831	8.55
75+ years	14,939	1,480,798	10.09
Private	13,451	2,777,739	4.84
Medicare	34,602	3,697,229	9.36
Medicaid	4,690	641,755	7.31
Other	1,625	287,107	5.66
Uninsured (self-pay/no charge)	766	130,192	5.88

Table 19. PSI 12 - Perioperative Pulmonary Embolism or Deep Vein Thrombosis Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	51,586	16,465,538	3.13
Females	23,961	8,264,129	2.9
Males	27,625	8,201,409	3.37
18 to 39 years	4,407	1,814,481	2.43
40 to 64 years	18,882	6,579,168	2.87
65 to 74 years	14,208	4,279,863	3.32
75+ years	14,089	3,792,026	3.72
Private	13,502	5,093,395	2.65
Medicare	28,049	8,232,794	3.41
Medicaid	6,475	1,900,720	3.41
Other	1,974	606,687	3.25
Uninsured (self-pay/no charge)	1,586	631,942	2.51

Table 20. PSI 13 - Postoperative Sepsis Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	32,003	7,651,187	4.18
Females	13,780	4,191,129	3.29
Males	18,223	3,460,058	5.27
18 to 39 years	1,527	666,360	2.29
40 to 64 years	11,112	3,163,249	3.51
65 to 74 years	10,573	2,300,650	4.6
75+ years	8,791	1,520,928	5.78
Private	7,804	2,819,429	2.77
Medicare	19,822	3,781,300	5.24
Medicaid	2,952	630,369	4.68
Other	986	295,752	3.33
Uninsured (self-pay/no charge)	439	124,337	3.53

Table 21. PSI 14 - Postoperative Wound Dehiscence Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	6,030	3,806,305	1.58
Females	2,093	2,128,141	0.98
Males	3,937	1,678,164	2.35
18 to 39 years	576	599,343	0.96
40 to 64 years	2,605	1,670,043	1.56
65 to 74 years	1,732	872,659	1.98
75+ years	1,117	664,260	1.68
Private	1,461	1,390,935	1.05
Medicare	3,132	1,603,252	1.95
Medicaid	986	517,409	1.91
Other	213	126,116	1.69
Uninsured (self-pay/no charge)	238	168,593	1.41

Table 22. PSI 14 - Postoperative Wound Dehiscence Rate Stratum: Open Approach

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	5,752	2,228,528	2.58
Females	1,986	1,209,970	1.64
Males	3,766	1,018,558	3.7
18 to 39 years	563	274,683	2.05
40 to 64 years	2,489	993,655	2.5
65 to 74 years	1,645	552,911	2.98
75+ years	1,055	407,279	2.59
Private	1,390	787,961	1.76
Medicare	2,981	1,008,499	2.96
Medicaid	949	271,536	3.49
Other	203	80,695	2.52
Uninsured (self-pay/no charge)	229	79,837	2.87

Table 23. PSI 14 - Postoperative Wound Dehiscence Rate Stratum: Non-Open Approach

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	278	1,577,777	0.18
Females	107	918,171	0.12
Males	171	659,606	0.26
18 to 39 years	13	324,660	0.04
40 to 64 years	116	676,388	0.17
65 to 74 years	87	319,748	0.27
75+ years	62	256,981	0.24
Private	71	602,974	0.12
Medicare	151	594,753	0.25
Medicaid	37	245,873	0.15
Other	*****	45,421	*****
Uninsured (self-pay/no charge)	*****	88,756	*****

***** Obscured due to small sample size

Table 24. PSI 15 - Abdominopelvic Accidental Puncture or Laceration Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	8,221	11,839,712	0.69
Females	4,582	6,154,445	0.74
Males	3,639	5,685,267	0.64
18 to 39 years	691	1,577,354	0.44
40 to 64 years	3,368	4,841,477	0.7
65 to 74 years	2,167	2,742,768	0.79
75+ years	1,995	2,678,113	0.74
Private	2,342	3,524,519	0.66
Medicare	4,301	5,705,061	0.75
Medicaid	1,107	1,721,533	0.64
Other	216	354,213	0.61
Uninsured (self-pay/no charge)	255	534,386	0.48

Table 25. PSI 17 - Birth Trauma Rate - Injury to Neonate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	44,483	9,499,939	4.68
Females	19,294	4,637,498	4.16
Males	25,189	4,862,441	5.18
<1 year	44,483	9,499,939	4.68
Private	21,211	4,527,243	4.69
Medicare	96	23,366	4.11
Medicaid	19,576	4,190,343	4.67
Other	1,219	259,406	4.7
Uninsured (self-pay/no charge)	2,381	499,581	4.77

Table 26. PSI 18 - Obstetric Trauma Rate Vaginal Delivery With Instrument

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	44,917	384,726	116.75
Females	44,917	384,726	116.75
0 to 17 years	669	7,173	93.27
18 to 39 years	43,214	366,481	117.92
40 to 64 years	1,034	11,072	93.39
Private	31,524	218,284	144.42
Medicare	162	2,133	75.95
Medicaid	10,816	141,390	76.5
Other	1,265	10,969	115.33
Uninsured (self-pay/no charge)	1,150	11,950	96.23

Table 27. PSI 19 - Obstetric Trauma Rate Vaginal Delivery Without Instrument

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	109,252	6,311,992	17.31
Females	109,252	6,311,992	17.31
0 to 17 years	1,546	84,543	18.29
18 to 39 years	105,665	6,055,870	17.45
40 to 64 years	2,041	171,579	11.9
Private	76,486	3,277,082	23.34
Medicare	356	34,006	10.47
Medicaid	26,428	2,644,555	9.99
Other	3,221	186,116	17.31
Uninsured (self-pay/no charge)	2,761	170,233	16.22