



Patient Safety Indicators (PSI) Benchmark Data Tables, v2021

Prepared for:

Agency for Healthcare Research and Quality
U.S. Department of Health and Human Services
5600 Fishers Lane
Rockville, MD 20857
<http://www.qualityindicators.ahrq.gov>

Contract No. HHSA290201800003G

July 2021

Table of Contents

Introduction	1
Acknowledgments	2
PSI Benchmark Tables	3

Index of Tables

Table 1. Patient Safety Indicators (PSI) for Overall Population: Hospital-Level Indicators	3
Table 2. PSI 02 – Death Rate in Low-Mortality Diagnosis Related Groups (DRGs)	5
Table 3. PSI 03 – Pressure Ulcer Rate.....	5
Table 4. PSI 04 – Death Rate among Surgical Inpatients with Serious Treatable Complications	6
Table 5. PSI 04 – Death Rate among Surgical Inpatients with Serious Treatable Complications Stratum: Deep Vein Thrombosis/Pulmonary Embolism (DVT/PE)	6
Table 6. PSI 04 – Death Rate among Surgical Inpatients with Serious Treatable Complications Stratum: Pneumonia	7
Table 7. PSI 04 – Death Rate among Surgical Inpatients with Serious Treatable Complications Stratum: Sepsis	7
Table 8. PSI 04 – Death Rate among Surgical Inpatients with Serious Treatable Complications – Stratum Shock/Cardiac Arrest.....	8
Table 9. PSI 04 – Death Rate among Surgical Inpatients with Serious Treatable Complications – Stratum Gastrointestinal (GI) Hemorrhage/Acute Ulcer.....	8
Table 10. PSI 05 – Retained Surgical Item or Unretrieved Device Fragment Count.....	9
Table 11. PSI 06 – Iatrogenic Pneumothorax Rate.....	9
Table 12. PSI 07 – Central Venous Catheter-Related Blood Stream Infection Rate.....	10
Table 13. PSI 08 – In Hospital Fall with Hip Fracture Rate.....	10
Table 14. PSI 09 – Perioperative Hemorrhage or Hematoma Rate	11
Table 15. PSI 10 – Postoperative Acute Kidney Injury Requiring Dialysis Rate	11
Table 16. PSI 11 – Postoperative Respiratory Failure Rate	12
Table 17. PSI 12 – Perioperative Pulmonary Embolism or Deep Vein Thrombosis (PE/DVT) Rate	12
Table 18. PSI 13 – Postoperative Sepsis Rate	13
Table 19. PSI 14 – Postoperative Wound Dehiscence Rate	13
Table 20. PSI 14 – Postoperative Wound Dehiscence Rate Stratum: Open.....	14
Table 21. PSI 14 – Postoperative Wound Dehiscence Rate Stratum: Non-Open	14
Table 22. PSI 15 – Abdominopelvic Accidental Puncture or Laceration Rate	15

Table 23. PSI 17 – Birth Trauma Rate Injury to Neonate 15

Table 24. PSI 18 – Obstetric Trauma Rate Vaginal Delivery with Instrument 16

Table 25. PSI 19 – Obstetric Trauma Rate Vaginal Delivery without Instrument 16

Introduction

The data presented in this document are nationwide comparative rates for Version 2021 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 2018 AHRQ Healthcare Cost and Utilization Project (HCUP) State Inpatient Databases (SID).

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 2018, the HCUP databases represented more than 97 percent of all annual discharges in the United States.

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 2021 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.

In 2018, 46 of the SID include indicators of the diagnoses being present on admission (POA) and 42 included the procedure day (PRDAY) data element. Discharges from these 46 participating States are used to develop hospital-level indicators.¹ 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 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 2 times the standard

¹ States in the 2018 reference population for the hospital-level indicators include: AK, AR, AZ, CACO, DC, DE, FL, GA, HI, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, and WV. Note that Colorado, Hawaii and New York were not used in the development of PSI 17. Wisconsin, Oklahoma, West Virginia, and Delaware were not used to develop PSI 04, PSI 09, PSI 10, PSI 11, PSI 12, PSI 14, AND PSI 15.

deviation plus 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.

Acknowledgments

The AHRQ QI program would like to acknowledge the HCUP Partner organizations that participated in the HCUP SID: **Alaska** State Hospital and Nursing Home Association, **Alaska** Department of Health and Social Services, **Arizona** Department of Health Services, **Arkansas** Department of Health, **California** Office of Statewide Health Planning and Development, **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, a non-profit subsidiary of the Healthcare Association of Hawaii, **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 (provides data for Minnesota and North Dakota), **Mississippi** State Department of Health, **Missouri** Hospital Industry Data Institute, **Montana** Hospital Association, **Nebraska** Hospital Association, **Nevada** Department of Health and Human Services, **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** Association of Hospitals and Health Systems, **Oregon** Office of Health Analytics, **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, **Wyoming** Hospital Association.

PSI Benchmark Tables

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)	1,058	2,105,316	0.50
PSI 03	Pressure Ulcer Rate	9,887	15,995,803	0.62
PSI 04	Death Rate Among Surgical Inpatients with Serious Treatable Complications	34,940	244,204	143.08
PSI 04 Stratum_DVT_PE	Death Rate Among Surgical Inpatients with Serious Treatable Complications Stratum: Deep Vein Thrombosis/Pulmonary Embolism (DVT/PE)	1,217	29,287	41.55
PSI 04 Stratum_PNEUMONIA	Death Rate Among Surgical Inpatients with Serious Treatable Complications Stratum: Pneumonia	9,368	104,069	90.02
PSI 04 Stratum_SEPSIS	Death Rate Among Surgical Inpatients with Serious Treatable Complications Stratum: Sepsis	10,866	50,494	215.19
PSI 04 Stratum_SHOCK	Death Rate Among Surgical Inpatients with Serious Treatable Complications Stratum: Shock/Cardiac Arrest	11,689	38,776	301.45
PSI 04 Stratum_GIHEMORRHAGE	Death Rate Among Surgical Inpatients with Serious Treatable Complications Stratum: Gastrointestinal (GI) Hemorrhage/Acute Ulcer	1,800	21,578	83.42
PSI 05	Retained Surgical Item or Unretrieved Device Fragment Count	629	--	--
PSI 06	Iatrogenic Pneumothorax Rate	4,315	23,213,480	0.19
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	1,791	19,802,971	0.09
PSI 08	In Hospital Fall with Hip Fracture Rate	1,834	24,578,744	0.07
PSI 09	Postoperative Hemorrhage or Hematoma Rate	14,404	6,030,937	2.39
PSI 10	Postoperative Acute Kidney Injury Requiring Dialysis	2,921	3,175,873	0.92

AHRQ Quality Indicators™
Patient Safety Indicators (PSI) Benchmark Data Tables, v2021

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
PSI 11	Postoperative Respiratory Failure Rate	20,050	3,098,734	6.47
PSI 12	Perioperative Pulmonary Embolism or Deep Vein Thrombosis Rate	21,875	6,419,897	3.41
PSI 13	Postoperative Sepsis Rate	13,056	3,195,916	4.09
PSI 14	Postoperative Wound Dehiscence Rate	1,608	2,002,129	0.80
PSI 14 Stratum_OPEN	Postoperative Wound Dehiscence Rate Stratum: Open	1,555	899,249	1.73
PSI 14 Stratum_NONOPEN	Postoperative Wound Dehiscence Rate Stratum: Non-Open	53	1,102,880	0.05
PSI 15	Abdominopelvic Accidental Puncture or Laceration Rate	4,415	4,229,534	1.04
PSI 17	Birth Trauma Rate – Injury to Neonate	13,930	3,107,144	4.48
PSI 18	Obstetric Trauma Rate Vaginal Delivery with Instrument	16,154	139,241	116.01
PSI 19	Obstetric Trauma Rate Vaginal Delivery without Instrument	38,125	2,185,951	17.44

-- 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	1,058	2,105,316	0.50
Females	537	1,172,183	0.46
Males	521	933,133	0.56
0 to 17 years	--	--	--
18 to 39 years	69	700,364	0.10
40 to 64 years	233	866,232	0.27
65 to 74 years	214	265,515	0.81
75+ years	542	273,205	1.98
Private	140	565,509	0.25
Medicare	756	761,709	0.99
Medicaid	91	547,311	0.17
Other	43	86,508	0.50
Uninsured (self-pay/no charge)	28	144,279	0.19

-- Indicates Not Applicable

Table 3. PSI 03 – Pressure Ulcer Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	9,887	15,995,803	0.62
Females	3,972	8,180,581	0.49
Males	5,915	7,815,222	0.76
0 to 17 years	--	--	--
18 to 39 years	752	1,898,598	0.40
40 to 64 years	3,402	5,607,135	0.61
65 to 74 years	2,521	3,479,810	0.72
75+ years	3,212	5,010,260	0.64
Private	1,537	3,185,928	0.48
Medicare	6,286	9,351,802	0.67
Medicaid	1,563	2,362,547	0.66
Other	276	434,481	0.64
Uninsured (self-pay/no charge)	225	661,045	0.34

-- Indicates Not Applicable

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

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	34,940	244,204	143.08
Females	14,368	109,009	131.81
Males	20,572	135,195	152.17
0 to 17 years	*****	54	*****
18 to 39 years	1,741 -- 1,750	24,129	72.15 -- 72.53
40 to 64 years	11,503	90,294	127.39
65 to 74 years	9,909	64,265	154.19
75+ years	11,784	65,462	180.01
Private	6,434	57,034	112.81
Medicare	22,192	138,168	160.62
Medicaid	4,015	33,310	120.53
Other	963	7,197	133.81
Uninsured (self-pay/no charge)	1,336	8,495	157.27

**** 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	1,217	29,287	41.55
Females	550	14,471	38.01
Males	667	14,816	45.02
0 to 17 years	*****	*****	*****
18 to 39 years	59 -- 68	3,173 -- 3,182	18.59 -- 21.37
40 to 64 years	405	11,571	35.00
65 to 74 years	346	7,691	44.99
75+ years	400	6,837	58.51
Private	256	8,553	29.93
Medicare	747	15,013	49.76
Medicaid	125	3,725	33.56
Other	33	965	34.20
Uninsured (self-pay/no charge)	56	1,031	54.32

**** 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	9,368	104,069	90.02
Females	3,562	44,071	80.82
Males	5,806	59,998	96.77
0 to 17 years	*****	20	*****
18 to 39 years	414 -- 423	9,568	43.27 -- 44.21
40 to 64 years	2,958	37,234	79.44
65 to 74 years	2,576	26,753	96.29
75+ years	3,420	30,494	112.15
Private	1,612	22,555	71.47
Medicare	6,029	60,567	99.54
Medicaid	1,073	14,050	76.37
Other	259	3,118	83.07
Uninsured (self-pay/no charge)	395	3,779	104.53

**** 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	10,866	50,494	215.19
Females	4,371	21,842	200.12
Males	6,495	28,652	226.69
0 to 17 years	*****	14	*****
18 to 39 years	445 -- 454	5,162	86.21 -- 87.95
40 to 64 years	3,351	18,962	176.72
65 to 74 years	3,239	13,405	241.63
75+ years	3,829	12,951	295.65
Private	2,000	11,613	172.22
Medicare	7,048	28,338	248.71
Medicaid	1,158	7,324	158.11
Other	313	1,489	210.21
Uninsured (self-pay/no charge)	347	1,730	200.58

**** 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	11,689	38,776	301.45
Females	5,164	19,373	266.56
Males	6,525	19,403	336.29
0 to 17 years	*****	13	*****
18 to 39 years	772 -- 781	4,764	162.05 -- 163.94
40 to 64 years	4,190	14,565	287.68
65 to 74 years	3,223	10,356	311.22
75+ years	3,504	9,078	385.99
Private	2,244	9,704	231.24
Medicare	7,207	21,224	339.57
Medicaid	1,473	5,605	262.80
Other	297	1,002	296.41
Uninsured (self-pay/no charge)	468	1,241	377.12

**** 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	1,800	21,578	83.42
Females	721	9,252	77.93
Males	1,079	12,326	87.54
0 to 17 years	*****	*****	*****
18 to 39 years	37 -- 46	1,447 -- 1,456	25.57 -- 31.59
40 to 64 years	599	7,962	75.23
65 to 74 years	525	6,060	86.63
75+ years	631	6,102	103.41
Private	322	4,609	69.86
Medicare	1,161	13,026	89.13
Medicaid	186	2,606	71.37
Other	61	623	97.91
Uninsured (self-pay/no charge)	70	714	98.04

**** Obscured due to small sample size

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

GROUP	NUMERATOR
Overall	629
Females	291
Males	338
0 to 17 years	*****
18 to 39 years	138 -- 147
40 to 64 years	221
65 to 74 years	151
75+ years	117
Private	203
Medicare	280
Medicaid	98
Other	30
Uninsured (self-pay/no charge)	18

**** Obscured due to small sample size

Table 11. PSI 06 – Iatrogenic Pneumothorax Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	4,315	23,213,480	0.19
Females	2,532	11,938,567	0.21
Males	1,783	11,274,913	0.16
0 to 17 years	--	--	--
18 to 39 years	296	3,101,715	0.10
40 to 64 years	1,181	8,541,558	0.14
65 to 74 years	1,025	4,976,187	0.21
75+ years	1,813	6,594,020	0.27
Private	774	5,258,350	0.15
Medicare	2,874	12,706,281	0.23
Medicaid	450	3,457,161	0.13
Other	96	681,288	0.14
Uninsured (self-pay/no charge)	121	1,110,400	0.11

-- Indicates Not Applicable

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

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	1,791	19,802,971	0.09
Females	813	11,892,105	0.07
Males	978	7,910,866	0.12
0 to 17 years	*****	43,568	*****
18 to 39 years	402 -- 411	5,374,652	0.07 -- 0.08
40 to 64 years	812	5,995,004	0.14
65 to 74 years	315	3,391,944	0.09
75+ years	260	4,997,803	0.05
Private	361	5,257,609	0.07
Medicare	791	9,122,795	0.09
Medicaid	470	3,944,818	0.12
Other	69	576,532	0.12
Uninsured (self-pay/no charge)	100	901,217	0.11

**** Obscured due to small sample size

Table 13. PSI 08 – In Hospital Fall with Hip Fracture Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	1,834	24,578,744	0.07
Females	1,076	12,478,570	0.09
Males	758	12,100,174	0.06
0 to 17 years	--	--	--
18 to 39 years	33	3,253,379	0.01
40 to 64 years	382	9,117,765	0.04
65 to 74 years	454	5,350,166	0.08
75+ years	965	6,857,434	0.14
Private	185	5,662,822	0.03
Medicare	1,437	13,377,498	0.11
Medicaid	134	3,644,438	0.04
Other	52	725,218	0.07
Uninsured (self-pay/no charge)	26	1,168,768	0.02

-- Indicates Not Applicable

Table 14. PSI 09 – Perioperative Hemorrhage or Hematoma Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	14,404	6,030,937	2.39
Females	6,556	3,114,724	2.10
Males	7,848	2,916,213	2.69
0 to 17 years	--	--	--
18 to 39 years	1,501	649,372	2.31
40 to 64 years	6,247	2,504,019	2.49
65 to 74 years	3,631	1,561,200	2.33
75+ years	3,025	1,316,346	2.30
Private	4,383	1,950,203	2.25
Medicare	7,277	2,987,603	2.44
Medicaid	1,836	656,268	2.80
Other	456	217,479	2.10
Uninsured (self-pay/no charge)	452	219,384	2.06

-- Indicates Not Applicable

Table 15. PSI 10 – Postoperative Acute Kidney Injury Requiring Dialysis Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	2,921	3,175,873	0.92
Females	1,116	1,776,850	0.63
Males	1,805	1,399,023	1.29
0 to 17 years	--	--	--
18 to 39 years	89	258,629	0.34
40 to 64 years	851	1,367,663	0.62
65 to 74 years	1,084	949,293	1.14
75+ years	897	600,288	1.49
Private	659	1,202,743	0.55
Medicare	1,949	1,553,168	1.25
Medicaid	196	252,884	0.78
Other	78	117,492	0.66
Uninsured (self-pay/no charge)	39	49,586	0.79

-- Indicates Not Applicable

Table 16. PSI 11 – Postoperative Respiratory Failure Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	20,050	3,098,734	6.47
Females	8,860	1,722,656	5.14
Males	11,190	1,376,078	8.13
0 to 17 years	--	--	--
18 to 39 years	813	253,611	3.21
40 to 64 years	7,131	1,350,079	5.28
65 to 74 years	6,859	924,270	7.42
75+ years	5,247	570,774	9.19
Private	4,905	1,174,658	4.18
Medicare	12,668	1,514,850	8.36
Medicaid	1,611	245,814	6.55
Other	566	115,076	4.92
Uninsured (self-pay/no charge)	300	48,336	6.21

-- Indicates Not Applicable

Table 17. PSI 12 – Perioperative Pulmonary Embolism or Deep Vein Thrombosis (PE/DVT) Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	21,875	6,419,897	3.41
Females	10,258	3,278,476	3.13
Males	11,617	3,141,421	3.70
0 to 17 years	--	--	--
18 to 39 years	1,766	677,697	2.61
40 to 64 years	8,309	2,644,713	3.14
65 to 74 years	5,974	1,670,030	3.58
75+ years	5,826	1,427,457	4.08
Private	5,715	2,038,815	2.80
Medicare	12,072	3,223,676	3.74
Medicaid	2,650	698,961	3.79
Other	751	226,891	3.31
Uninsured (self-pay/no charge)	687	231,554	2.97

-- Indicates Not Applicable

Table 18. PSI 13 – Postoperative Sepsis Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	13,056	3,195,916	4.09
Females	5,644	1,773,201	3.18
Males	7,412	1,422,715	5.21
0 to 17 years	--	--	--
18 to 39 years	636	250,628	2.54
40 to 64 years	4,653	1,364,488	3.41
65 to 74 years	4,272	967,572	4.42
75+ years	3,495	613,228	5.70
Private	3,131	1,198,380	2.61
Medicare	8,218	1,588,011	5.18
Medicaid	1,180	244,927	4.82
Other	355	118,307	3.00
Uninsured (self-pay/no charge)	172	46,291	3.72

-- Indicates Not Applicable

Table 19. PSI 14 – Postoperative Wound Dehiscence Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	1,608	2,002,129	0.80
Females	558	1,084,556	0.51
Males	1,050	917,573	1.14
0 to 17 years	--	--	--
18 to 39 years	157	288,311	0.54
40 to 64 years	662	923,434	0.72
65 to 74 years	417	444,556	0.94
75+ years	372	345,828	1.08
Private	378	690,129	0.55
Medicare	886	863,088	1.03
Medicaid	234	295,528	0.79
Other	61	60,716	1.00
Uninsured (self-pay/no charge)	49	92,668	0.53

-- Indicates Not Applicable

Table 20. PSI 14 – Postoperative Wound Dehiscence Rate Stratum: Open

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	1,555	899,249	1.73
Females	539	501,754	1.07
Males	1,016	397,495	2.56
0 to 17 years	--	--	--
18 to 39 years	154	110,451	1.39
40 to 64 years	638	416,506	1.53
65 to 74 years	400	212,289	1.88
75+ years	363	160,003	2.27
Private	362	324,171	1.12
Medicare	856	401,191	2.13
Medicaid	230	110,361	2.08
Other	61	30,655	1.99
Uninsured (self-pay/no charge)	46	32,871	1.40

-- Indicates Not Applicable

Table 21. PSI 14 – Postoperative Wound Dehiscence Rate Stratum: Non-Open

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	53	1,102,880	0.05
Females	19	582,802	0.03
Males	34	520,078	0.07
0 to 17 years	--	--	--
18 to 39 years	*****	177,860	*****
40 to 64 years	24	506,928	0.05
65 to 74 years	17	232,267	0.07
75+ years	*****	185,825	*****
Private	16	365,958	0.04
Medicare	30	461,897	0.06
Medicaid	*****	185,167	*****
Other	*****	30,061	*****
Uninsured (self-pay/no charge)	*****	59,797	*****

-- Indicates Not Applicable

**** Obscured due to small sample size

Table 22. PSI 15 – Abdominopelvic Accidental Puncture or Laceration Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	4,415	4,229,534	1.04
Females	2,428	2,214,665	1.10
Males	1,987	2,014,869	0.99
0 to 17 years	--	--	--
18 to 39 years	401	565,990	0.71
40 to 64 years	1,747	1,747,467	1.00
65 to 74 years	1,140	941,246	1.21
75+ years	1,127	974,831	1.16
Private	1,224	1,269,339	0.96
Medicare	2,380	2,063,967	1.15
Medicaid	571	587,435	0.97
Other	117	118,500	0.99
Uninsured (self-pay/no charge)	123	190,293	0.65

-- Indicates Not Applicable

Table 23. PSI 17 – Birth Trauma Rate Injury to Neonate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	13,930	3,107,144	4.48
Females	6,020	1,517,606	3.97
Males	7,910	1,589,538	4.98
<1 year	13,930	3,107,144	4.48
Private	6,384	1,454,295	4.39
Medicare	34	9,804	3.47
Medicaid	6,387	1,389,056	4.60
Other	388	85,545	4.54
Uninsured (self-pay/no charge)	737	168,444	4.38

Table 24. PSI 18 – Obstetric Trauma Rate Vaginal Delivery with Instrument

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	16,154	139,241	116.01
Females	16,154	139,241	116.01
Males	--	--	--
0 to 17 years	270	2,754	98.04
18 to 39 years	15,507	132,797	116.77
40 to 64 years	377	3,690	102.17
65 to 74 years	--	--	--
75+ years	--	--	--
Private	11,086	77,207	143.59
Medicare	81	879	92.15
Medicaid	4,047	52,405	77.23
Other	425	3,695	115.02
Uninsured (self-pay/no charge)	515	5,055	101.88

-- Indicates Not Applicable

Table 25. PSI 19 – Obstetric Trauma Rate Vaginal Delivery without Instrument

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	38,125	2,185,951	17.44
Females	38,125	2,185,951	17.44
Males	--	--	--
0 to 17 years	599	32,470	18.45
18 to 39 years	36,852	2,098,248	17.56
40 to 64 years	674	55,233	12.20
65 to 74 years	--	--	--
75+ years	--	--	--
Private	25,999	1,109,858	23.43
Medicare	171	13,889	12.31
Medicaid	9,886	942,402	10.49
Other	1,031	60,055	17.17
Uninsured (self-pay/no charge)	1,038	59,747	17.37

-- Indicates Not Applicable