



# **Patient Safety Indicator Comparative Data: Based on the 2008 Nationwide Inpatient Sample (NIS)**

**Version 4.3**

**Prepared for:**

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## Introduction

The data presented in these tables are nationwide comparative data for the Patient Safety Quality Indicators (PSI) calculated using the 2008 Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), Nationwide Inpatient Sample (NIS). The data are generated by calculating the numerators from the NIS without using any weights and then multiplying the numerator by five to account for the 20% sampling of the NIS<sup>1</sup>. PSI #017 Birth Trauma—Injury to Neonate appears in the [comparative data for the PDI report](#), given the pediatric population. The Provider Level Rates are presented per 1,000. The rates for any cells with fewer than 11 cases are not presented.

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<sup>1</sup> The approach of multiplying the numerator by five approximates the weight structure used by HCUPnet in their calculation of national rates.

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**PSI - Provider Level Rates**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)	Risk Adjusted Rate PER 1,000 =(Risk Adjusted Rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	483	1,620,122	0.03 <sup>2</sup>	0.03
PSI 03	Pressure Ulcer Rate	8,772	1,691,805	5.18	5.18
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	7,238	57,781	12.71 <sup>2</sup>	12.61
PSI 05	Foreign Body Left in During Procedure	184			
PSI 06	Iatrogenic Pneumothorax Rate	2,395	5,528,373	0.43	0.43
PSI 07	Central Venous Catheter-Related Blood Stream Infections	3,438	4,560,593	0.75	0.75
PSI 08	Postoperative Hip Fracture Rate	33	1,112,869	0.03	0.03
PSI 09	Postoperative Hemorrhage or Hematoma Rate	4,130	1,742,924	2.37	2.35
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	414	864,226	0.48	0.48
PSI 11	Postoperative Respiratory Failure Rate	5,656	692,431	8.17	8.23
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	12,647	1,736,215	7.28	7.33
PSI 13	Postoperative Sepsis Rate	1,882	175,266	10.74	10.67
PSI 14	Postoperative Wound Dehiscence Rate	636	292,479	2.17	1.11
PSI 15	Accidental Puncture or Laceration Rate	16,533	5,743,664	2.88	2.83
PSI 16	Transfusion Reaction Rate	27			
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument	6,965	47,580	146.39	146.39
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument	12,743	535,850	23.78	23.78

<sup>2</sup> PSI Mortality Rates are presented per 100.

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**PSI - Provider Level Rates (Males)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	179	246,932 <sup>3</sup>	0.07
PSI 03	Pressure Ulcer Rate	4,259	772,757	5.51
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	3,973	29,274 <sup>3</sup>	13.57
PSI 05	Foreign Body Left in During Procedure	89		
PSI 06	Iatrogenic Pneumothorax Rate	1,005	2,507,170	0.40
PSI 07	Central Venous Catheter-Related Blood Stream Infections	1,719	1,642,983	1.05
PSI 08	Postoperative Hip Fracture Rate	13	523,509	0.02
PSI 09	Postoperative Hemorrhage or Hematoma Rate	2,071	804,193	2.58
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	241	369,283	0.65
PSI 11	Postoperative Respiratory Failure Rate	2,779	263,087	10.56
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	6,360	800,723	7.94
PSI 13	Postoperative Sepsis Rate	999	77,571	12.88
PSI 14	Postoperative Wound Dehiscence Rate	437	107,809	4.05
PSI 15	Accidental Puncture or Laceration Rate	6,402	2,632,975	2.43
PSI 16	Transfusion Reaction Rate	15		
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument			
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument			

<sup>3</sup> PSI Mortality Rates are presented per 100.

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**PSI - Provider Level Rates (Females)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	304	1,373,190 <sup>4</sup>	0.02
PSI 03	Pressure Ulcer Rate	4,513	919,048	4.91
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	3,264	28,399 <sup>4</sup>	11.49
PSI 05	Foreign Body Left in During Procedure	95		
PSI 06	Iatrogenic Pneumothorax Rate	1,390	3,021,203	0.46
PSI 07	Central Venous Catheter-Related Blood Stream Infections	1,719	2,917,610	0.59
PSI 08	Postoperative Hip Fracture Rate	20	589,360	0.03
PSI 09	Postoperative Hemorrhage or Hematoma Rate	2,059	938,731	2.19
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	173	494,943	0.35
PSI 11	Postoperative Respiratory Failure Rate	2,876	429,343	6.70
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	6,287	935,492	6.72
PSI 13	Postoperative Sepsis Rate	882	97,694	9.03
PSI 14	Postoperative Wound Dehiscence Rate	199	184,670	1.08
PSI 15	Accidental Puncture or Laceration Rate	10,132	3,110,690	3.26
PSI 16	Transfusion Reaction Rate	12		
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument	6,965	47,580	146.39
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument	12,743	535,850	23.78

<sup>4</sup> PSI Mortality Rates are presented per 100.

**Comparative Data for the PSI based on the 2008 Nationwide Inpatient Sample (NIS)  
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**PSI - Provider Level Rates (Ages 0 to 17)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	***** <sup>*</sup>	***** <sup>*</sup>	***** <sup>*</sup>
PSI 03	Pressure Ulcer Rate			
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	***** <sup>*</sup>	***** <sup>*</sup>	***** <sup>*</sup>
PSI 05	Foreign Body Left in During Procedure	***** <sup>*</sup>		
PSI 06	Iatrogenic Pneumothorax Rate			
PSI 07	Central Venous Catheter-Related Blood Stream Infections	***** <sup>*</sup>	***** <sup>*</sup>	***** <sup>*</sup>
PSI 08	Postoperative Hip Fracture Rate			
PSI 09	Postoperative Hemorrhage or Hematoma Rate			
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate			
PSI 11	Postoperative Respiratory Failure Rate			
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate			
PSI 13	Postoperative Sepsis Rate			
PSI 14	Postoperative Wound Dehiscence Rate			
PSI 15	Accidental Puncture or Laceration Rate			
PSI 16	Transfusion Reaction Rate			
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument	287	2,312	124.13
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument	517	19,720	26.22

\*Cell entry fewer than 11, rate is unavailable.

**Comparative Data for the PSI based on the 2008 Nationwide Inpatient Sample (NIS)  
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**PSI - Provider Level Rates (Ages 18 to 39)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	107	1,074,835 <sup>5</sup>	0.01
PSI 03	Pressure Ulcer Rate	338	178,513	1.89
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	312	4,803 <sup>5</sup>	6.50
PSI 05	Foreign Body Left in During Procedure	36		
PSI 06	Iatrogenic Pneumothorax Rate	212	760,621	0.28
PSI 07	Central Venous Catheter-Related Blood Stream Infections	496	1,309,509	0.38
PSI 08	Postoperative Hip Fracture Rate	*****	*****	*****
PSI 09	Postoperative Hemorrhage or Hematoma Rate	512	229,090	2.23
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	24	92,331	0.26
PSI 11	Postoperative Respiratory Failure Rate	347	86,307	4.02
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	1,006	229,313	4.39
PSI 13	Postoperative Sepsis Rate	105	14,112	7.44
PSI 14	Postoperative Wound Dehiscence Rate	52	46,234	1.12
PSI 15	Accidental Puncture or Laceration Rate	1,927	775,865	2.48
PSI 16	Transfusion Reaction Rate	*****		
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument	6,543	44,216	147.98
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument	12,045	505,362	23.83

\*Cell entry fewer than 11, rate is unavailable.

<sup>5</sup> PSI Mortality Rates are presented per 100.



**Comparative Data for the PSI based on the 2008 Nationwide Inpatient Sample (NIS)  
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**PSI - Provider Level Rates (Ages 40 to 64)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	98	345,645 <sup>6</sup>	0.03
PSI 03	Pressure Ulcer Rate	2,156	584,177	3.69
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	2,148	21,160 <sup>6</sup>	10.15
PSI 05	Foreign Body Left in During Procedure	75		
PSI 06	Iatrogenic Pneumothorax Rate	790	2,128,202	0.37
PSI 07	Central Venous Catheter-Related Blood Stream Infections	1,410	1,429,754	0.99
PSI 08	Postoperative Hip Fracture Rate	***** <sup>*</sup>	***** <sup>*</sup>	***** <sup>*</sup>
PSI 09	Postoperative Hemorrhage or Hematoma Rate	1,824	771,094	2.37
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	175	410,825	0.43
PSI 11	Postoperative Respiratory Failure Rate	2,165	345,956	6.26
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	4,710	768,384	6.13
PSI 13	Postoperative Sepsis Rate	670	75,924	8.82
PSI 14	Postoperative Wound Dehiscence Rate	257	146,252	0.18
PSI 15	Accidental Puncture or Laceration Rate	7,584	2,187,077	3.47
PSI 16	Transfusion Reaction Rate	16		
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument	135	1,052	128.33
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument	181	10,768	16.81

\*Cell entry fewer than 11, rate is unavailable.

<sup>6</sup> PSI Mortality Rates are presented per 100.

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**PSI - Provider Level Rates (Ages 65 to 74)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	54	71,693 <sup>7</sup>	0.08
PSI 03	Pressure Ulcer Rate	1,865	323,868	5.76
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	1,786	14,053 <sup>7</sup>	12.70
PSI 05	Foreign Body Left in During Procedure	43		
PSI 06	Iatrogenic Pneumothorax Rate	470	994,350	0.47
PSI 07	Central Venous Catheter-Related Blood Stream Infections	679	636,681	1.07
PSI 08	Postoperative Hip Fracture Rate	***** <sup>*</sup>	***** <sup>*</sup>	***** <sup>*</sup>
PSI 09	Postoperative Hemorrhage or Hematoma Rate	844	364,559	2.32
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	114	201,903	0.56
PSI 11	Postoperative Respiratory Failure Rate	1,577	150,280	10.49
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	3,104	362,717	8.56
PSI 13	Postoperative Sepsis Rate	517	45,028	11.48
PSI 14	Postoperative Wound Dehiscence Rate	161	51,170	3.15
PSI 15	Accidental Puncture or Laceration Rate	3,448	1,045,465	3.30
PSI 16	Transfusion Reaction Rate	***** <sup>*</sup>		
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument			
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument			

\*Cell entry fewer than 11, rate is unavailable.

<sup>7</sup> PSI Mortality Rates are presented per 100.

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**PSI - Provider Level Rates (Ages 75+)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	223	96,311 <sup>8</sup>	0.23
PSI 03	Pressure Ulcer Rate	4,412	605,246	7.29
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	3,098	17,739 <sup>8</sup>	17.46
PSI 05	Foreign Body Left in During Procedure	29		
PSI 06	Iatrogenic Pneumothorax Rate	922	1,645,199	0.56
PSI 07	Central Venous Catheter-Related Blood Stream Infections	853	1,156,674	0.74
PSI 08	Postoperative Hip Fracture Rate	18	215,941	0.08
PSI 09	Postoperative Hemorrhage or Hematoma Rate	949	378,180	2.51
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	102	159,168	0.64
PSI 11	Postoperative Respiratory Failure Rate	1,567	109,888	14.26
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	3,828	375,802	10.19
PSI 13	Postoperative Sepsis Rate	590	40,202	14.68
PSI 14	Postoperative Wound Dehiscence Rate	166	48,823	3.40
PSI 15	Accidental Puncture or Laceration Rate	3,575	1,735,258	2.06
PSI 16	Transfusion Reaction Rate	***** <sup>8</sup>		
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument			
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument			

\*Cell entry fewer than 11, rate is unavailable.

<sup>8</sup> PSI Mortality Rates are presented per 100.

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**PSI - Provider Level Rates (Payer: Medicare)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)	Risk Adjusted Rate PER 1,000 =(Risk Adjusted Rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	284	231,081	0.12 <sup>9</sup>	
PSI 03	Pressure Ulcer Rate	6,473	995,705	6.50	0.29
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	4,847	32,418	14.95 <sup>9</sup>	0.55
PSI 05	Foreign Body Left in During Procedure	72			
PSI 06	Iatrogenic Pneumothorax Rate	1,432	2,824,249	0.51	131.06
PSI 07	Central Venous Catheter-Related Blood Stream Infections	1,793	1,915,270	0.94	0.45
PSI 08	Postoperative Hip Fracture Rate	28	457,798	0.06	1.42
PSI 09	Postoperative Hemorrhage or Hematoma Rate	1,980	756,679	2.62	0.04
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	234	363,700	0.64	2.39
PSI 11	Postoperative Respiratory Failure Rate	3,291	264,267	12.45	0.54
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	6,998	752,104	9.30	12.57
PSI 13	Postoperative Sepsis Rate	1,074	85,602	12.55	4.84
PSI 14	Postoperative Wound Dehiscence Rate	326	100,629	3.24	10.99
PSI 15	Accidental Puncture or Laceration Rate	7,123	2,959,875	2.41	1.09
PSI 16	Transfusion Reaction Rate	13			
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument	40	320	125.00	2.46
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument	60	3,502	17.13	103.23

<sup>9</sup> PSI Mortality Rates are presented per 100.

**Comparative Data for the PSI based on the 2008 Nationwide Inpatient Sample (NIS)  
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**PSI - Provider Level Rates (Payer: Medicaid)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)	Risk Adjusted Rate PER 1,000 =(Risk Adjusted Rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	80	495,390	0.02 <sup>10</sup>	
PSI 03	Pressure Ulcer Rate	711	173,627	4.09	0.35
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	514	4,692	10.96 <sup>10</sup>	0.58
PSI 05	Foreign Body Left in During Procedure	22			
PSI 06	Iatrogenic Pneumothorax Rate	203	535,805	0.38	136.40
PSI 07	Central Venous Catheter-Related Blood Stream Infections	503	719,931	0.70	0.58
PSI 08	Postoperative Hip Fracture Rate	*****	*****	*****	*****
PSI 09	Postoperative Hemorrhage or Hematoma Rate	359	116,690	3.08	0.04
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	22	43,283	0.51	2.65
PSI 11	Postoperative Respiratory Failure Rate	387	35,395	10.93	0.74
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	982	116,201	8.45	15.66
PSI 13	Postoperative Sepsis Rate	120	10,228	11.73	6.32
PSI 14	Postoperative Wound Dehiscence Rate	50	23,026	2.17	13.99
PSI 15	Accidental Puncture or Laceration Rate	1,221	554,602	2.20	1.18
PSI 16	Transfusion Reaction Rate	*****			
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument	1,978	17,796	111.15	2.19
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument	3,829	225,029	17.02	102.52

\*Cell entry fewer than 11, rate is unavailable.

<sup>10</sup> PSI Mortality Rates are presented per 100.

**Comparative Data for the PSI based on the 2008 Nationwide Inpatient Sample (NIS)  
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**PSI - Provider Level Rates (Payer: Other)**

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)	Risk Adjusted Rate PER 1,000 =(Risk Adjusted Rate*1,000)
PSI 02	Death in Low-Mortality Diagnosis Related Groups (DRGs)	13	57,828	0.02 <sup>11</sup>	
PSI 03	Pressure Ulcer Rate	206	54,622	3.77	0.25
PSI 04	Death Among Surgical Inpatients With Serious Treatable Complications	191	2,003	9.54 <sup>11</sup>	0.51
PSI 05	Foreign Body Left in During Procedure	12			
PSI 06	Iatrogenic Pneumothorax Rate	74	204,603	0.36	134.98
PSI 07	Central Venous Catheter-Related Blood Stream Infections	142	166,088	0.85	0.44
PSI 08	Postoperative Hip Fracture Rate	*****	*****	*****	*****
PSI 09	Postoperative Hemorrhage or Hematoma Rate	160	78,254	2.04	0.03
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	12	38,777	0.31	2.14
PSI 11	Postoperative Respiratory Failure Rate	202	34,578	5.84	0.55
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	462	78,157	5.91	12.51
PSI 13	Postoperative Sepsis Rate	61	7,678	7.94	4.85
PSI 14	Postoperative Wound Dehiscence Rate	30	11,480	2.61	15.75
PSI 15	Accidental Puncture or Laceration Rate	652	205,449	3.17	1.24
PSI 16	Transfusion Reaction Rate	*****			
PSI 18	Obstetric Trauma Rate—Vaginal Delivery With Instrument	177	1,289	137.32	2.70
PSI 19	Obstetric Trauma Rate—Vaginal Delivery Without Instrument	371	15,538	23.88	143.86

\*Cell entry fewer than 11, rate is unavailable.

<sup>11</sup> PSI Mortality Rates are presented per 100.

### PSI- Area Level Rates

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Foreign Body Left During Procedure	3,200	229,865,472	0.28
PSI 22	Iatrogenic Pneumothorax Rate	19,425	229,865,472	1.69
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	34,990	229,865,472	3.04
PSI 24	Postoperative Wound Dehiscence Rate	5,550	229,865,472	0.48
PSI 25	Accidental Puncture or Laceration Rate	103,650	229,865,472	9.02
PSI 26	Transfusion Reaction Rate	165	229,865,472	0.01
PSI 27	Postoperative Hemorrhage or Hematoma Rate	38,835	229,865,472	3.38

### PSI- Area Level Rates (Males)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Foreign Body Left During Procedure	1,375	111,952,221	0.25
PSI 22	Iatrogenic Pneumothorax Rate	8,210	111,952,221	1.47
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	16,405	111,952,221	2.93
PSI 24	Postoperative Wound Dehiscence Rate	3,390	111,952,221	0.61
PSI 25	Accidental Puncture or Laceration Rate	39,900	111,952,221	7.13
PSI 26	Transfusion Reaction Rate	90	111,952,221	0.02
PSI 27	Postoperative Hemorrhage or Hematoma Rate	19,995	111,952,221	3.57



### PSI- Area Level Rates (Females)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Foreign Body Left During Procedure	1,825	117,913,251	0.31
PSI 22	Iatrogenic Pneumothorax Rate	11,215	117,913,251	1.90
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	18,585	117,913,251	3.15
PSI 24	Postoperative Wound Dehiscence Rate	2,160	117,913,251	0.37
PSI 25	Accidental Puncture or Laceration Rate	63,750	117,913,251	10.81
PSI 26	Transfusion Reaction Rate	75	117,913,251	0.01
PSI 27	Postoperative Hemorrhage or Hematoma Rate	18,840	117,913,251	3.20

### PSI- Area Level Rates (Ages 18 to 39)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Foreign Body Left During Procedure	680	91,867,283	0.15
PSI 22	Iatrogenic Pneumothorax Rate	1,740	91,867,283	0.38
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	6,450	91,867,283	1.40
PSI 24	Postoperative Wound Dehiscence Rate	510	91,867,283	0.11
PSI 25	Accidental Puncture or Laceration Rate	12,240	91,867,283	2.66
PSI 26	Transfusion Reaction Rate	20	91,867,283	0.00
PSI 27	Postoperative Hemorrhage or Hematoma Rate	6,290	91,867,283	1.37

### PSI- Area Level Rates (Ages 40 to 64)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Foreign Body Left During Procedure	1,305	99,215,970	0.26
PSI 22	Iatrogenic Pneumothorax Rate	6,645	99,215,970	1.34
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	15,105	99,215,970	3.04
PSI 24	Postoperative Wound Dehiscence Rate	2,510	99,215,970	0.51
PSI 25	Accidental Puncture or Laceration Rate	47,090	99,215,970	9.49
PSI 26	Transfusion Reaction Rate	105	99,215,970	0.02
PSI 27	Postoperative Hemorrhage or Hematoma Rate	16,255	99,215,970	3.28

### PSI- Area Level Rates (Ages 65 to 74)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Foreign Body Left During Procedure	710	20,130,560	0.71
PSI 22	Iatrogenic Pneumothorax Rate	4,240	20,130,560	4.21
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	6,285	20,130,560	6.24
PSI 24	Postoperative Wound Dehiscence Rate	1,295	20,130,560	1.29
PSI 25	Accidental Puncture or Laceration Rate	21,635	20,130,560	21.49
PSI 26	Transfusion Reaction Rate	20	20,130,560	0.02
PSI 27	Postoperative Hemorrhage or Hematoma Rate	7,530	20,130,560	7.48

### PSI- Area Level Rates (Ages 75+)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Foreign Body Left During Procedure	505	18,651,659	0.54
PSI 22	Iatrogenic Pneumothorax Rate	6,800	18,651,659	7.29
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	7,150	18,651,659	7.67
PSI 24	Postoperative Wound Dehiscence Rate	1,235	18,651,659	1.32
PSI 25	Accidental Puncture or Laceration Rate	22,685	18,651,659	24.32
PSI 26	Transfusion Reaction Rate	20	18,651,659	0.02
PSI 27	Postoperative Hemorrhage or Hematoma Rate	8,760	18,651,659	9.39