



Patient Safety Indicator Comparative Data: Based on the 2009 Nationwide Inpatient Sample (NIS)

Version 4.4

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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 2009 Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), Nationwide Inpatient Sample (NIS). The data are generated by calculating the indicators from the NIS without using any weights. For Area Level indicators, the numerator is multiplied by five to account for the 20% sampling of the NIS¹. PSI #17 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 100 for the indicators that report mortality (PSI #2 and PSI #4) and per 1,000 for non-mortality indicators. The Area Level Rates are presented per 100,000. The rates for any cells with fewer than 11 cases are not presented.

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

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 Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	462	1,548,836	0.03	0.03
PSI 03	Pressure Ulcer Rate	653	1,582,236	0.41	0.42
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	6,681	53,874	12.4	12.07
PSI 05	Volume of Foreign Body Left During Procedure	155			
PSI 06	Iatrogenic Pneumothorax Rate	2,269	5,248,223	0.43	0.42
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	1,685	4,322,178	0.39	0.39
PSI 08	Postoperative Hip Fracture Rate	26	1,038,759	0.03	0.03
PSI 09	Postoperative Hemorrhage or Hematoma Rate	3,942	1,629,542	2.42	2.45
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	404	782,204	0.52	0.52
PSI 11	Postoperative Respiratory Failure Rate	5,457	634,910	8.59	8.28
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	10,148	1,623,867	6.25	6.17
PSI 13	Postoperative Sepsis Rate	1,721	160,557	10.72	10.62
PSI 14	Postoperative Wound Dehiscence Rate	531	262,714	2.02	1.02
PSI 15	Accidental Puncture or Laceration Rate	14,639	5,455,086	2.68	2.66
PSI 16	Transfusion Reaction Volume	18			
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	6,129	42,850	143.03	
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	11,128	502,651	22.14	

¹Mortality Rates are Calculated per 100.

PSI – Provider Level Rates (Males)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	173	246,826	0.07
PSI 03	Pressure Ulcer Rate	332	734,199	0.45
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	3,720	27,748	13.41
PSI 05	Volume of Foreign Body Left During Procedure	79		
PSI 06	Iatrogenic Pneumothorax Rate	948	2,397,261	0.40
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	862	1,571,383	0.55
PSI 08	Postoperative Hip Fracture Rate	13	489,187	0.03
PSI 09	Postoperative Hemorrhage or Hematoma Rate	1,964	752,627	2.61
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	250	332,887	0.75
PSI 11	Postoperative Respiratory Failure Rate	2,659	242,356	10.97
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	5,302	749,384	7.08
PSI 13	Postoperative Sepsis Rate	927	72,098	12.86
PSI 14	Postoperative Wound Dehiscence Rate	341	96,714	3.53
PSI 15	Accidental Puncture or Laceration Rate	5,688	2,517,638	2.26
PSI 16	Transfusion Reaction Volume	12		
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument			
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument			

¹ Mortality Rates are Calculated per 100.

PSI – Provider Level Rates (Females)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	289	1,302,010	0.02
PSI 03	Pressure Ulcer Rate	321	848,037	0.38
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	2,961	26,126	11.33
PSI 05	Volume of Foreign Body Left During Procedure	76		
PSI 06	Iatrogenic Pneumothorax Rate	1,320	2,850,961	0.46
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	823	2,750,795	0.30
PSI 08	Postoperative Hip Fracture Rate	13	549,572	0.02
PSI 09	Postoperative Hemorrhage or Hematoma Rate	1,977	876,914	2.25
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	153	449,316	0.34
PSI 11	Postoperative Respiratory Failure Rate	2,798	392,554	7.13
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	4,847	874,484	5.54
PSI 13	Postoperative Sepsis Rate	794	88,459	8.98
PSI 14	Postoperative Wound Dehiscence Rate	190	166,000	1.14
PSI 15	Accidental Puncture or Laceration Rate	8,951	2,937,448	3.05
PSI 16	Transfusion Reaction Volume	****		
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	6,129	42,850	143.03
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	11,128	502,651	22.14

¹ Mortality Rates are Calculated per 100.

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

PSI – Provider Level Rates (Ages 0 to 17)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹			
PSI 03	Pressure Ulcer Rate			
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹			
PSI 05	Volume of Foreign Body Left During Procedure			
PSI 06	Iatrogenic Pneumothorax Rate			
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate			
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 Volume			
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	265	2,092	126.67
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	447	18,357	24.35

¹ Mortality Rates are Calculated per 100.

PSI – Provider Level Rates (Ages 18 to 39)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	96	1,025,551	0.01
PSI 03	Pressure Ulcer Rate	39	170,695	0.23
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	278	4,420	6.29
PSI 05	Volume of Foreign Body Left During Procedure	32		
PSI 06	Iatrogenic Pneumothorax Rate	170	734,582	0.23
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	282	1,257,559	0.22
PSI 08	Postoperative Hip Fracture Rate	*****		
PSI 09	Postoperative Hemorrhage or Hematoma Rate	519	210,613	2.46
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	*****		
PSI 11	Postoperative Respiratory Failure Rate	296	75,745	3.91
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	797	210,847	3.78
PSI 13	Postoperative Sepsis Rate	94	12,877	7.30
PSI 14	Postoperative Wound Dehiscence Rate	41	42,084	0.97
PSI 15	Accidental Puncture or Laceration Rate	1,681	747,929	2.25
PSI 16	Transfusion Reaction Volume	*****		
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	5,768	39,800	144.92
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	10,522	473,797	22.21

¹ Mortality Rates are Calculated per 100.

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

PSI – Provider Level Rates (Ages 40 to 64)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	84	335,343	0.03
PSI 03	Pressure Ulcer Rate	188	564,478	0.33
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	1,921	19,523	9.84
PSI 05	Volume of Foreign Body Left During Procedure	68		
PSI 06	Iatrogenic Pneumothorax Rate	705	2,060,407	0.34
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	680	1,390,187	0.49
PSI 08	Postoperative Hip Fracture Rate	*****		
PSI 09	Postoperative Hemorrhage or Hematoma Rate	1,746	722,266	2.42
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	156	370,260	0.42
PSI 11	Postoperative Respiratory Failure Rate	2,148	315,733	6.80
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	3,799	719,951	5.28
PSI 13	Postoperative Sepsis Rate	605	70,195	8.62
PSI 14	Postoperative Wound Dehiscence Rate	235	131,497	1.79
PSI 15	Accidental Puncture or Laceration Rate	6,647	2,116,859	3.14
PSI 16	Transfusion Reaction Volume	*****		
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	96	958	100.21
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	159	10,497	15.15

¹ Mortality Rates are Calculated per 100.

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

PSI – Provider Level Rates (Ages 65 to 74)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	54	68,929	0.08
PSI 03	Pressure Ulcer Rate	142	306,660	0.46
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	1,660	13,283	12.5
PSI 05	Volume of Foreign Body Left During Procedure	30		
PSI 06	Iatrogenic Pneumothorax Rate	469	949,928	0.49
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	331	607,624	0.54
PSI 08	Postoperative Hip Fracture Rate	*****		
PSI 09	Postoperative Hemorrhage or Hematoma Rate	871	347,402	2.51
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	111	187,952	0.59
PSI 11	Postoperative Respiratory Failure Rate	1,498	142,956	10.48
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	2,550	345,776	7.37
PSI 13	Postoperative Sepsis Rate	491	41,746	11.76
PSI 14	Postoperative Wound Dehiscence Rate	116	46,366	2.50
PSI 15	Accidental Puncture or Laceration Rate	3,114	1,001,375	3.11
PSI 16	Transfusion Reaction Volume	*****		
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	*****		
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	*****		

¹ Mortality Rates are Calculated per 100.

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

PSI – Provider Level Rates (Ages 75+)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 1,000 (=Observed rate*1,000)
PSI 02	Death Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	225	89,573	0.25
PSI 03	Pressure Ulcer Rate	284	540,403	0.53
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	2,822	16,628	16.97
PSI 05	Volume of Foreign Body Left During Procedure	25		
PSI 06	Iatrogenic Pneumothorax Rate	926	1,503,307	0.62
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	392	1,040,400	0.38
PSI 08	Postoperative Hip Fracture Rate	12	198,108	0.06
PSI 09	Postoperative Hemorrhage or Hematoma Rate	805	349,260	2.30
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	126	143,282	0.88
PSI 11	Postoperative Respiratory Failure Rate	1,515	100,476	15.08
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	3,002	347,293	8.64
PSI 13	Postoperative Sepsis Rate	531	35,739	14.86
PSI 14	Postoperative Wound Dehiscence Rate	139	42,767	3.25
PSI 15	Accidental Puncture or Laceration Rate	3,197	1,588,923	2.01
PSI 16	Transfusion Reaction Volume	*****		
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	*****		
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	*****		

¹ Mortality Rates are Calculated per 100.

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

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 Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	282	222,095	0.13	0.03
PSI 03	Pressure Ulcer Rate	440	921,186	0.48	0.4
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	4,403	30,831	14.28	12.11
PSI 05	Volume of Foreign Body Left During Procedure	66			
PSI 06	Iatrogenic Pneumothorax Rate	1,422	2,669,622	0.53	0.44
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	888	1,789,174	0.50	0.41
PSI 08	Postoperative Hip Fracture Rate	24	433,372	0.06	0.06
PSI 09	Postoperative Hemorrhage or Hematoma Rate	1,848	720,544	2.56	2.59
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	250	341,326	0.73	0.59
PSI 11	Postoperative Respiratory Failure Rate	3,327	252,403	13.18	8.93
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	5,710	716,593	7.97	6.16
PSI 13	Postoperative Sepsis Rate	1,054	79,909	13.19	11.10
PSI 14	Postoperative Wound Dehiscence Rate	276	90,973	3.03	1.04
PSI 15	Accidental Puncture or Laceration Rate	6,548	2,802,540	2.34	2.69
PSI 16	Transfusion Reaction Volume	*****			
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	27	189	142.86	
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	26	2,234	11.64	

¹ Mortality Rates are Calculated per 100.

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

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 Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	78	524,348	0.01	0.03
PSI 03	Pressure Ulcer Rate	70	179,498	0.39	0.67
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	488	4,452	10.96	13.88
PSI 05	Volume of Foreign Body Left During Procedure	24			
PSI 06	Iatrogenic Pneumothorax Rate	208	571,380	0.36	0.44
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	296	757,877	0.39	0.57
PSI 08	Postoperative Hip Fracture Rate	*****			
PSI 09	Postoperative Hemorrhage or Hematoma Rate	345	118,531	2.91	2.61
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	22	40,340	0.55	0.66
PSI 11	Postoperative Respiratory Failure Rate	329	34,051	9.66	10.84
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	828	118,171	7.01	8.00
PSI 13	Postoperative Sepsis Rate	93	9,109	10.21	12.59
PSI 14	Postoperative Wound Dehiscence Rate	58	23,019	2.52	1.67
PSI 15	Accidental Puncture or Laceration Rate	1,143	589,569	1.94	2.72
PSI 16	Transfusion Reaction Volume	*****			
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	1,874	17,265	108.54	
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	3,626	231,728	15.65	

¹ Mortality Rates are Calculated per 100.

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

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 Rate in Low-Mortality Diagnosis Related Groups (DRGs) ¹	*****			
PSI 03	Pressure Ulcer Rate	22	48,261	0.46	0.62
PSI 04	Death Rate among Surgical Inpatients with Serious Treatable Complications ¹	162	1,640	9.88	12.32
PSI 05	Volume of Foreign Body Left During Procedure	*****			
PSI 06	Iatrogenic Pneumothorax Rate	44	191,479	0.23	0.30
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	48	156,188	0.31	0.29
PSI 08	Postoperative Hip Fracture Rate	*****			
PSI 09	Postoperative Hemorrhage or Hematoma Rate	138	71,701	1.92	2.22
PSI 10	Postoperative Physiologic and Metabolic Derangement Rate	*****			
PSI 11	Postoperative Respiratory Failure Rate	174	29,880	5.82	8.04
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	344	71,554	4.81	6.17
PSI 13	Postoperative Sepsis Rate	42	6,785	6.19	8.24
PSI 14	Postoperative Wound Dehiscence Rate	18	9,973	1.80	1.07
PSI 15	Accidental Puncture or Laceration Rate	513	190,738	2.69	2.75
PSI 16	Transfusion Reaction Volume	*****			
PSI 18	Obstetric Trauma Rate – Vaginal Delivery With Instrument	159	1,235	128.74	
PSI 19	Obstetric Trauma Rate – Vaginal Delivery Without Instrument	295	14,281	20.66	

¹ Mortality Rates are Calculated per 100.

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

PSI – Area Level Rates

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Rate of Foreign Body Left During Procedure	2,165	232,325,417	0.93
PSI 22	Iatrogenic Pneumothorax Rate	19,040	232,325,417	8.20
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	26,100	232,325,417	11.23
PSI 24	Postoperative Wound Dehiscence Rate	4,740	232,325,417	2.04
PSI 25	Accidental Puncture or Laceration Rate	92,055	232,325,417	39.62
PSI 26	Transfusion Reaction Rate	120	232,325,417	0.05
PSI 27	Postoperative Hemorrhage or Hematoma Rate	37,155	232,325,417	15.99

PSI – Area Level Rates (Males)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Rate of Foreign Body Left During Procedure	930	112,733,615	0.82
PSI 22	Iatrogenic Pneumothorax Rate	8,235	112,733,615	7.30
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	11,570	112,733,615	10.26
PSI 24	Postoperative Wound Dehiscence Rate	2,800	112,733,615	2.48
PSI 25	Accidental Puncture or Laceration Rate	35,450	112,733,615	31.45
PSI 26	Transfusion Reaction Rate	70	112,733,615	0.06
PSI 27	Postoperative Hemorrhage or Hematoma Rate	18,890	112,733,615	16.76

PSI – Area Level Rates (Females)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Rate of Foreign Body Left During Procedure	1,235	119,591,802	1.03
PSI 22	Iatrogenic Pneumothorax Rate	10,805	119,591,802	9.03
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	14,530	119,591,802	12.15
PSI 24	Postoperative Wound Dehiscence Rate	1,940	119,591,802	1.62
PSI 25	Accidental Puncture or Laceration Rate	56,605	119,591,802	47.33
PSI 26	Transfusion Reaction Rate	50	119,591,802	0.04
PSI 27	Postoperative Hemorrhage or Hematoma Rate	18,265	119,591,802	15.27

PSI – Area Level Rates (Ages 18 to 39)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Rate of Foreign Body Left During Procedure	440	91,500,324	0.48
PSI 22	Iatrogenic Pneumothorax Rate	1,475	91,500,324	1.61
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	5,565	91,500,324	6.08
PSI 24	Postoperative Wound Dehiscence Rate	380	91,500,324	0.42
PSI 25	Accidental Puncture or Laceration Rate	10,415	91,500,324	11.38
PSI 26	Transfusion Reaction Rate	20	91,500,324	0.02
PSI 27	Postoperative Hemorrhage or Hematoma Rate	5,735	91,500,324	6.27

PSI – Area Level Rates (Ages 40 to 64)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Rate of Foreign Body Left During Procedure	1,015	101,218,596	1.00
PSI 22	Iatrogenic Pneumothorax Rate	6,160	101,218,596	6.09
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	11,840	101,218,596	11.7
PSI 24	Postoperative Wound Dehiscence Rate	2,285	101,218,596	2.26
PSI 25	Accidental Puncture or Laceration Rate	41,490	101,218,596	40.99
PSI 26	Transfusion Reaction Rate	45	101,218,596	0.04
PSI 27	Postoperative Hemorrhage or Hematoma Rate	15,970	101,218,596	15.78

PSI – Area Level Rates (Ages 65 to 74)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Rate of Foreign Body Left During Procedure	360	21,224,456	1.70
PSI 22	Iatrogenic Pneumothorax Rate	4,410	21,224,456	20.78
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	4,185	21,224,456	19.72
PSI 24	Postoperative Wound Dehiscence Rate	1,020	21,224,456	4.81
PSI 25	Accidental Puncture or Laceration Rate	19,610	21,224,456	92.39
PSI 26	Transfusion Reaction Rate	20	21,224,456	0.09
PSI 27	Postoperative Hemorrhage or Hematoma Rate	7,685	21,224,456	36.21

PSI – Area Level Rates (Ages 75+)

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	Observed Rate PER 100,000 (=Observed rate*100,000)
PSI 21	Rate of Foreign Body Left During Procedure	350	18,382,041	1.90
PSI 22	Iatrogenic Pneumothorax Rate	6,995	18,382,041	38.05
PSI 23	Central Venous Catheter-Related Blood Stream Infection Rate	4,510	18,382,041	24.53
PSI 24	Postoperative Wound Dehiscence Rate	1,055	18,382,041	5.74
PSI 25	Accidental Puncture or Laceration Rate	20,540	18,382,041	111.74
PSI 26	Transfusion Reaction Rate	35	18,382,041	0.19
PSI 27	Postoperative Hemorrhage or Hematoma Rate	7,765	18,382,041	42.24