



Inpatient Quality Indicators (IQI) Benchmark Data Tables, v2021

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July 2021

Introduction

The data presented in this document are nationwide comparative rates for Version 2021 of Agency for Healthcare Research and Quality (AHRQ) Quality Indicators™ (QI) Inpatient Quality Indicators (IQI) 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 states of the SID include indicators of the diagnoses being present on admission (POA). 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 deviation plus the mean of the percentage for hospitals that are required to report POA to CMS.

¹ States in the 2018 reference population for the hospital-level indicators include: AK, AR, AZ, CA, CO, 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.

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. 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.

IQI Benchmark Tables

Table 1. Inpatient Quality Indicators (IQI) for Overall Population: Hospital-Level Indicators

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
IQI 08	Esophageal Resection Mortality Rate	192	5,562	34.52
IQI 09	Pancreatic Resection Mortality Rate	483	19,794	24.40
IQI 09 Stratum_WITH_CANCER	Pancreatic Resection Mortality Rate Stratum A: Presence of Pancreatic Cancer	247	10,631	23.23
IQI 09 Stratum_WITHOUT_CANCER	Pancreatic Resection Mortality Rate Stratum B: Absence of Pancreatic Cancer	236	9,163	25.76
IQI 11	Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate	1,275	36,727	34.72
IQI 11 Stratum_OPEN_RUPTURED	Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate Stratum: Open Repair of Ruptured AAA	438	1,160	377.59
IQI 11 Stratum_OPEN_UNRUPTURED	Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate Stratum: Open Repair of Unruptured AAA	226	4,231	53.42
IQI 11 Stratum_ENDO_RUPTURED	Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate Stratum: Endovascular Repair of Ruptured AAA	409	2,166	188.83
IQI 11 Stratum_ENDO_UNRUPTURED	Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate Stratum: Endovascular Repair of Unruptured AAA	202	29,170	6.92
IQI 12	Coronary Artery Bypass Graft (CABG) Mortality Rate	4,634	188,108	24.63
IQI 15	Acute Myocardial Infarction (AMI) Mortality Rate	27,545	547,381	50.32
IQI 16	Heart Failure Mortality Rate	29,849	1,145,695	26.05

INDICATOR	LABEL	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
IQI 17	Acute Stroke Mortality Rate	42,706	610,302	69.98
IQI 17 Stratum_HEMSTROKE_SUBARACH	Acute Stroke Mortality Rate Stratum: Subarachnoid Hemorrhage	4,312	22,887	188.40
IQI 17 Stratum_HEMSTROKE_INTRACER	Acute Stroke Mortality Rate Stratum: Intracerebral Hemorrhage	18,842	97,090	194.07
IQI 17 Stratum_ISCHEMSTROKE	Acute Stroke Mortality Rate Stratum: Ischemic Stroke	19,552	490,325	39.88
IQI 18	Gastrointestinal Hemorrhage Mortality Rate	11,938	528,363	22.59
IQI 19	Hip Fracture Mortality Rate	5,097	264,992	19.23
IQI 20	Pneumonia Mortality Rate	57,472	1,269,871	45.26
IQI 21	Cesarean Delivery Rate - Uncomplicated	864,721	3,065,416	282.09
IQI 22	Vaginal Birth After Cesarean (VBAC) Delivery Rate - Uncomplicated	72,107	544,261	132.49
IQI 30	Percutaneous Coronary Intervention (PCI) Mortality Rate	13,212	444,482	29.72
IQI 31	Carotid Endarterectomy Mortality Rate	292	68,152	4.28
IQI 33	Primary Cesarean Delivery Rate, Uncomplicated	393,106	2,521,155	155.92

Table 2. IQI 08 – Esophageal Resection Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	192	5,562	34.52
Females	39	1,028	37.94
Males	153	4,534	33.75
18 to 39 years	*****	79	*****
40 to 64 years	61 -- 70	2,568	23.75 -- 27.26
65 to 74 years	75	2,102	35.68
75+ years	53	813	65.19
Private	51	2,216	23.01
Medicare	119	2,719	43.77
Medicaid	16	395	40.51
Other	*****	173	*****
Uninsured (self-pay/no charge)	*****	59	*****

**** Obscured due to small sample size

Table 3. IQI 09 – Pancreatic Resection Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	483	19,794	24.40
Females	174	9,731	17.88
Males	309	10,063	30.71
18 to 39 years	41	1,432	28.63
40 to 64 years	136	8,190	16.61
65 to 74 years	142	6,373	22.28
75+ years	164	3,799	43.17
Private	97	7,252	13.38
Medicare	293	9,798	29.90
Medicaid	45	1,723	26.12
Other	24	543	44.20
Uninsured (self-pay/no charge)	24	478	50.21

Table 4. IQI 09 – Pancreatic Resection Mortality Rate Stratum: Presence of Pancreatic Cancer

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	247	10,631	23.23
Females	91	5,087	17.89
Males	156	5,544	28.14
18 to 39 years	*****	221	*****
40 to 64 years	50 -- 59	3,928	12.73 -- 15.02
65 to 74 years	86	3,881	22.16
75+ years	101	2,601	38.83
Private	41	3,437	11.93
Medicare	181	6,032	30.01
Medicaid	14	711	19.69
Other	*****	250	*****
Uninsured (self-pay/no charge)	*****	201	*****

**** Obscured due to small sample size

Table 5. IQI 09 – Pancreatic Resection Mortality Rate Stratum: Absence of Pancreatic Cancer

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	236	9,163	25.76
Females	83	4,644	17.87
Males	153	4,519	33.86
18 to 39 years	40	1,211	33.03
40 to 64 years	77	4,262	18.07
65 to 74 years	56	2,492	22.47
75+ years	63	1,198	52.59
Private	56	3,815	14.68
Medicare	112	3,766	29.74
Medicaid	31	1,012	30.63
Other	18	293	61.43
Uninsured (self-pay/no charge)	19	277	68.59

Table 6. IQI 11 – Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	1,275	36,727	34.72
Females	399	7,764	51.39
Males	876	28,963	30.25
18 to 39 years	*****	42	*****
40 to 64 years	157 -- 166	5,950	26.39 -- 27.90
65 to 74 years	418	14,620	28.59
75+ years	689	16,115	42.76
Private	163	5,662	28.79
Medicare	1,014	28,570	35.49
Medicaid	38	1,196	31.77
Other	30	886	33.86
Uninsured (self-pay/no charge)	30	413	72.64

**** Obscured due to small sample size

Table 7. IQI 11 – Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate Stratum: Open Repair of Ruptured AAA

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	438	1,160	377.59
Females	101	247	408.91
Males	337	913	369.11
18 to 39 years	*****	*****	*****
40 to 64 years	69 -- 78	270 -- 279	255.56 -- 279.57
65 to 74 years	152	418	363.64
75+ years	216	465	464.52
Private	62 -- 71	211	293.84 -- 336.49
Medicare	329	818	402.20
Medicaid	17	60	283.33
Other	*****	35	*****
Uninsured (self-pay/no charge)	15	36	416.67

**** Obscured due to small sample size

Table 8. IQI 11 – Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate Stratum: Open Repair of Unruptured AAA

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	226	4,231	53.42
Females	89	1,213	73.37
Males	137	3,018	45.39
18 to 39 years	*****	22	*****
40 to 64 years	24 -- 33	1,139	21.07 -- 28.97
65 to 74 years	91	1,875	48.53
75+ years	103	1,195	86.19
Private	19	908	20.93
Medicare	188	2,914	64.52
Medicaid	*****	222	*****
Other	*****	118	*****
Uninsured (self-pay/no charge)	*****	69	*****

**** Obscured due to small sample size

Table 9. IQI 11 – Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate Stratum: Endovascular Repair of Ruptured AAA

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	409	2,166	188.83
Females	118	495	238.38
Males	291	1,671	174.15
18 to 39 years	*****	*****	*****
40 to 64 years	48 -- 57	433 -- 442	110.85 -- 128.96
65 to 74 years	125	738	169.38
75+ years	230	980	234.69
Private	56	342	163.74
Medicare	326	1,598	204.01
Medicaid	*****	93	*****
Other	*****	63	*****
Uninsured (self-pay/no charge)	*****	70	*****

**** Obscured due to small sample size

Table 10. IQI 11 – Abdominal Aortic Aneurysm (AAA) Repair Mortality Rate Stratum: Endovascular Repair of Unruptured AAA

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	202	29,170	6.92
Females	91	5,809	15.67
Males	111	23,361	4.75
18 to 39 years	*****	*****	*****
40 to 64 years	4 -- 13	4,091 -- 4,100	0.98 -- 3.17
65 to 74 years	50	11,589	4.31
75+ years	140	13,475	10.39
Private	20	4,201	4.76
Medicare	171	23,240	7.36
Medicaid	*****	821	*****
Other	*****	670	*****
Uninsured (self-pay/no charge)	*****	238	*****

**** Obscured due to small sample size

Table 11. IQI 12 – Coronary Artery Bypass Graft (CABG) Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	4,634	188,108	24.63
Females	1,749	45,809	38.18
Males	2,885	142,299	20.27
40 to 64 years	1,223	74,990	16.31
65 to 74 years	1,749	72,367	24.17
75+ years	1,662	40,751	40.78
Private	798	55,779	14.31
Medicare	3,312	107,750	30.74
Medicaid	293	13,466	21.76
Other	119	5,629	21.14
Uninsured (self-pay/no charge)	112	5,484	20.42

Table 12. IQI 15 – Acute Myocardial Infarction (AMI) Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	27,545	547,381	50.32
Females	11,345	202,468	56.03
Males	16,200	344,913	46.97
18 to 39 years	219	12,569	17.42
40 to 64 years	6,394	226,869	28.18
65 to 74 years	7,074	142,702	49.57
75+ years	13,858	165,241	83.87
Private	3,935	141,843	27.74
Medicare	19,888	308,087	64.55
Medicaid	1,740	51,991	33.47
Other	811	16,084	50.42
Uninsured (self-pay/no charge)	1,171	29,376	39.86

Table 13. IQI 16 – Heart Failure Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	29,849	1,145,695	26.05
Females	13,983	547,722	25.53
Males	15,866	597,973	26.53
18 to 39 years	354	29,633	11.95
40 to 64 years	4,219	313,281	13.47
65 to 74 years	5,926	260,517	22.75
75+ years	19,350	542,264	35.68
Private	3,004	124,822	24.07
Medicare	23,819	842,664	28.27
Medicaid	1,603	123,069	13.03
Other	980	20,074	48.82
Uninsured (self-pay/no charge)	443	35,066	12.63

Table 14. IQI 17 – Acute Stroke Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	42,706	610,302	69.98
Females	21,814	301,245	72.41
Males	20,892	309,057	67.60
18 to 39 years	1,128	17,230	65.47
40 to 64 years	11,046	194,737	56.72
65 to 74 years	9,221	148,389	62.14
75+ years	21,311	249,946	85.26
Private	6,861	118,913	57.70
Medicare	28,258	389,384	72.57
Medicaid	3,707	59,220	62.60
Other	1,650	14,427	114.37
Uninsured (self-pay/no charge)	2,230	28,358	78.64

Table 15. IQI 17 – Acute Stroke Mortality Rate Stratum: Subarachnoid Hemorrhage

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	4,312	22,887	188.40
Females	2,693	14,099	191.01
Males	1,619	8,788	184.23
18 to 39 years	304	2,132	142.59
40 to 64 years	1,770	11,633	152.15
65 to 74 years	969	4,531	213.86
75+ years	1,269	4,591	276.41
Private	1,040	7,835	132.74
Medicare	2,084	9,072	229.72
Medicaid	604	3,534	170.91
Other	176	734	239.78
Uninsured (self-pay/no charge)	408	1,712	238.32

Table 16. IQI 17 – Acute Stroke Mortality Rate Stratum: Intracerebral Hemorrhage

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	18,842	97,090	194.07
Females	8,839	43,288	204.19
Males	10,003	53,802	185.92
18 to 39 years	594	3,759	158.02
40 to 64 years	5,495	31,097	176.71
65 to 74 years	4,159	22,853	181.99
75+ years	8,594	39,381	218.23
Private	3,041	18,761	162.09
Medicare	12,166	60,253	201.92
Medicaid	1,831	10,646	171.99
Other	693	2,616	264.91
Uninsured (self-pay/no charge)	1,111	4,814	230.79

Table 17. IQI 17 – Acute Stroke Mortality Rate Stratum: Ischemic Stroke

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	19,552	490,325	39.88
Females	10,282	243,858	42.16
Males	9,270	246,467	37.61
18 to 39 years	230	11,339	20.28
40 to 64 years	3,781	152,007	24.87
65 to 74 years	4,093	121,005	33.83
75+ years	11,448	205,974	55.58
Private	2,780	92,317	30.11
Medicare	14,008	320,059	43.77
Medicaid	1,272	45,040	28.24
Other	781	11,077	70.51
Uninsured (self-pay/no charge)	711	21,832	32.57

Table 18. IQI 18 – Gastrointestinal Hemorrhage Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	11,938	528,363	22.59
Females	4,957	248,955	19.91
Males	6,981	279,408	24.98
18 to 39 years	315	35,364	8.91
40 to 64 years	3,680	161,330	22.81
65 to 74 years	2,474	119,974	20.62
75+ years	5,469	211,695	25.83
Private	1,639	91,482	17.92
Medicare	7,937	342,112	23.20
Medicaid	1,532	60,123	25.48
Other	320	11,508	27.81
Uninsured (self-pay/no charge)	510	23,138	22.04

Table 19. IQI 19 – Hip Fracture Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	5,097	264,992	19.23
Females	2,937	187,460	15.67
Males	2,160	77,532	27.86
65 to 74 years	546	55,302	9.87
75+ years	4,551	209,690	21.70
Private	278	14,711	18.90
Medicare	4,618	242,370	19.05
Medicaid	67	2,593	25.84
Other	109	3,922	27.79
Uninsured (self-pay/no charge)	25	1,396	17.91

Table 20. IQI 20 – Pneumonia Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	57,472	1,269,871	45.26
Females	27,743	644,001	43.08
Males	29,729	625,870	47.50
18 to 39 years	1,063	82,438	12.89
40 to 64 years	9,898	355,045	27.88
65 to 74 years	11,646	277,734	41.93
75+ years	34,865	554,654	62.86
Private	6,424	184,293	34.86
Medicare	44,590	886,307	50.31
Medicaid	3,700	136,603	27.09
Other	1,828	24,289	75.26
Uninsured (self-pay/no charge)	930	38,379	24.23

Table 21. IQI 21 – Cesarean Delivery Rate, Uncomplicated

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	864,721	3,065,416	282.09
Females	864,721	3,065,416	282.09
0 to 17 years	5,573	38,427	145.03
18 to 39 years	817,699	2,930,981	278.98
40 to 64 years	41,449	96,008	431.72
Private	450,576	1,582,850	284.66
Medicare	7,656	21,274	359.88
Medicaid	362,959	1,296,551	279.94
Other	21,263	81,835	259.83
Uninsured (self-pay/no charge)	22,267	82,906	268.58

Table 22. IQI 22 – Vaginal Birth After Cesarean (VBAC) Delivery Rate, Uncomplicated

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	72,107	544,261	132.49
Females	72,107	544,261	132.49
0 to 17 years	48	397	120.91
18 to 39 years	68,959	516,228	133.58
40 to 64 years	3,100	27,636	112.17
Private	34,314	261,781	131.08
Medicare	489	4,825	101.35
Medicaid	32,796	248,681	131.88
Other	2,044	13,533	151.04
Uninsured (self-pay/no charge)	2,464	15,441	159.58

Table 23. IQI 30 – Percutaneous Coronary Intervention (PCI) Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	13,212	444,482	29.72
Females	5,067	146,180	34.66
Males	8,145	298,302	27.30
40 to 64 years	3,792	202,398	18.74
65 to 74 years	3,959	128,170	30.89
75+ years	5,461	113,914	47.94
Private	2,221	124,096	17.90
Medicare	9,128	244,613	37.32
Medicaid	911	39,867	22.85
Other	317	13,508	23.47
Uninsured (self-pay/no charge)	635	22,398	28.35

Table 24. IQI 31 – Carotid Endarterectomy Mortality Rate

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	292	68,152	4.28
Females	119	27,636	4.31
Males	173	40,516	4.27
18 to 39 years	*****	72	*****
40 to 64 years	37 -- 46	15,236	2.43 -- 3.02
65 to 74 years	111	26,854	4.13
75+ years	134	25,990	5.16
Private	43	12,132	3.54
Medicare	223	50,768	4.39
Medicaid	16	3,176	5.04
Other	*****	1,196	*****
Uninsured (self-pay/no charge)	*****	880	*****

**** Obscured due to small sample size

Table 25. IQI 33 – Primary Cesarean Delivery Rate, Uncomplicated

GROUP	NUMERATOR	DENOMINATOR	OBSERVED RATE PER 1,000 DISCHARGES
Overall	393,106	2,521,155	155.92
Females	393,106	2,521,155	155.92
0 to 17 years	5,223	38,030	137.34
18 to 39 years	370,952	2,414,753	153.62
40 to 64 years	16,931	68,372	247.63
Private	223,255	1,321,069	169.00
Medicare	3,331	16,449	202.50
Medicaid	147,384	1,047,870	140.65
Other	9,792	68,302	143.36
Uninsured (self-pay/no charge)	9,344	67,465	138.50