Table H2
Admissions with diabetes with short-term complications[a] per 100,000 population, age 18 and over
Observed rates by patient and hospital characteristics, 2008
PQI 1

	Observed Rate[b]			Admissions) Observed Rate[b]			p Admission			p Admission		
Patient/hospital characteristic	Estimate	Standard error	P-value: Relative to marked group[c]	Estimate	Standard error	P-value: Relative to marked group[c]	Estimate	Standard error	P-value: Relative to marked group[c]	Estimate	Standard error	P-value: Relative to marked group[c]

Total U.S.

Patient characteristic:
Age groups for conditions affecting any age
  0-17
  18-44[c]
  45-64
  65 and over

Age groups for pediatric conditions
  0-4[c]
  5-9
  10-14
  15-17

Age groups for conditions affecting primarily elderly
  65-69[c]
  70-74
  75-79
  80-84
  85 and over

Gender:
  Male[c]
  Female

Median income of patient's ZIP code:
  First quartile (lowest income)
  Second quartile
  Third quartile
  Fourth quartile (highest income) [c]

Location of patient residence (3 categories):
  Metropolitan[c]
  Micropolitan
  Noncore

Location of patient residence (4 categories):
  Large metropolitan[c]
  Small metropolitan
  Micropolitan
  Noncore

Location of patient residence (5 categories):
  Large metropolitan[c]
  Small metropolitan
  Micropolitan
  Noncore adjacent
  Noncore not adjacent

Location of patient residence (NCHS):
  Large central metropolitan
  Large fringe metropolitan[c]
  Medium metropolitan
  Small metropolitan
  Micropolitan
  Noncore

Hospital characteristic:
Location of inpatient treatment:
  Northeast[c]
  Midwest
  South
  West

Sample, 2008, and AHRQ Quality Indicators, modified version of 4.1.

[a] Consistent with the AHRQ PQI software, diabetes must be the principal diagnosis and short-term complications include ketoacidosis, hyperosmolarity, or coma. Transfers from other institutions are excluded.

[b] Rates are observed rates and are not adjusted for age or gender.

[c] Reference for p-value test statistics.

DNC - Data were not collected.

Table A.
QI LABEL
By Year
QI #

Year	Estimate	Standard error	Number in the denominator	P-value relative to 1994	P-value relative to previous year
Adjusted rates[b]					
2009					
2008					
2007					
2006					
2005					
2004					
2003					
2002					
2001					
2000					
Observed rates					
2009					
2008					
2007					
2006					
2005					
2004					
2003					
2002					
2001					
2000					

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, Nationwide Inpatient Sample and AHRQ Quality Indicators, modified version of 4.1.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are adjusted by age, Major Diagnostic Category (MDC), All Patient Refined-Diagnosis Related Group (APR-DRG) risk of mortality score, and transfers into the hospital. The AHRQ IQI software was modified to not use the present on admission (POA) indicators (nor estimates of the likelihood of POA for secondary diagnosis).

DNC - Data were not collected.

Table A2.
QI Label
By year and community income quartile
QI #

Population	Total		First quartile (lowest income)		Second quartile		Third quartile		Fourth quartile (highest income)	
	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]

Median Income of Patient's ZIP Code

Adjusted rates[b]
  2009

  2008

  2007

  2006

  2005

  2004

  2003

  2002

  2001

Table A2.
QI Label
By year and community income quartile
QI #

Population	Total		First quartile (lowest income)		Second quartile		Third quartile		Fourth quartile (highest income)	
	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]
2000										
Observed rates										
2009										
2008										
2007										
2006										
2005										
2004										
2003										

Median Income of Patient's ZIP Code

Table A2.
QI Label
By year and community income quartile
QI #

| | | | Median Income of Patient's ZIP Code | | | | | | | |
| Population | Total | | First quartile (lowest income) | | Second quartile | | Third quartile | | Fourth quartile (highest income) | |
	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]
2002										
2001										
2000										

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, Nationwide Inpatient Sample and AHRQ Quality Indicators, modified version of 4.1.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are adjusted by age, Major Diagnostic Category (MDC), All Patient Refined-Diagnosis Related Group (APR-DRG) risk of mortality score, and transfers into the hospital. The AHRQ IQI software was modified to not use the present on admission (POA) indicators (nor estimates of the likelihood of POA for secondary diagnosis).

[c] P-value test statistics for comparison to previous year.

[d] P-value test statistics for comparison to 2000.

DNC - Data were not collected.

Table C1.
QI Label
Adjusted rates by patient and hospital characteristics, 2000, 2008 and 2009
QI #

| | 2000 Adjusted Rate[b] | | | | 2008 Adjusted Rate[b] | | | | 2009 Adjusted Rate[b] | | | | | |
Patient/hospital characteristic	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	P-value: 2009 relative to 2000	P-value: 2009 relative to 2008
Total U.S.														
Patient characteristic:														
Age groups for conditions affecting any age														
0-17														
18-44[c]														
45-64														
65 and over														
Age groups for pediatric conditions														
0-4[c]														
5-9														
10-14														
15-17														
Age groups for obstetric conditions														
10-14														
15-17														
18-24														
25-34[c]														
35-54														
Age groups for conditions affecting primarily elderly														
65-69[c]														
70-74														
75-79														
80-84														
85 and over														
Gender:														
Male[c]														
Female														
Median income of patient's ZIP code:														
First quartile (lowest income)														
Second quartile														
Third quartile														
Fourth quartile (highest income)[c]														
Location of patient residence (3 categories):														
Metropolitan[c]														
Micropolitan														
Noncore														
Location of patient residence (4 categories):														
Large metropolitan[c]														
Small metropolitan														
Micropolitan														
Noncore														
Location of patient residence (5 categories):														
Large metropolitan[c]														
Small metropolitan														
Micropolitan														
Noncore adjacent														
Noncore not adjacent														

Table C1.
QI Label
Adjusted rates by patient and hospital characteristics, 2000, 2008 and 2009
QI #

	2000 Adjusted Rate[b]				2008 Adjusted Rate[b]				2009 Adjusted Rate[b]					
Patient/hospital characteristic	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	P-value: 2009 relative to 2000	P-value: 2009 relative to 2008
Location of patient residence (NCHS):														
Large central metropolitan														
Large fringe metropolitan[c]														
Medium metropolitan														
Small metropolitan														
Micropolitan														
Noncore														
Expected payment source:														
Private insurance[c]														
Medicare														
Medicaid														
Other insurance														
Uninsured / self-pay / no charge														
Hospital characteristic:														
Location of inpatient treatment:														
Northeast[c]														
Midwest														
South														
West														
Ownership/control:														
Private, not-for-profit[c]														
Private, for-profit														
Public														
Teaching status:														
Teaching														
Nonteaching[c]														
Location of hospital (3 categories):														
Metropolitan[c]														
Micropolitan														
Noncore														
Location of hospital (4 categories):														
Large metropolitan[c]														
Small metropolitan														
Micropolitan														
Noncore														
Location of hospital (5 categories):														
Large metropolitan[c]														
Small metropolitan														
Micropolitan														
Noncore adjacent														
Noncore not adjacent														
Location of hospital (NCHS):														
Large central metropolitan														
Large fringe metropolitan[c]														
Medium metropolitan														
Small metropolitan														
Micropolitan														
Noncore														
Bed size of hospital:														

Table C1.
QI Label
Adjusted rates by patient and hospital characteristics, 2000, 2008 and 2009
QI #

Patient/hospital characteristic	2000 Adjusted Rate[b]				2008 Adjusted Rate[b]				2009 Adjusted Rate[b]				P-value: 2009 relative to 2000	P-value: 2009 relative to 2008
	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]		
Less than 100														
100 - 299[c]														
300 - 499														
500 or more														

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, Nationwide Inpatient Sample and AHRQ Quality Indicators, modified version of 4.1.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are adjusted by age, Major Diagnostic Category (MDC), All Patient Refined-Diagnosis Related Group (APR-DRG) risk of mortality score, and transfers into the hospital. When reporting is by age, the adjustment is by MDC, APR-DRG risk of mortality score, and transfers into the

[c] Reference for p-value test statistics.

Table C2.
QI Label
Observed rates by patient and hospital characteristics, 2000, 2008 and 2009
QI #

Patient/hospital characteristic	2000 Observed Rate[b]				2008 Observed Rate[b]				2009 Observed Rate[b]				P-value: 2009 relative to 2000	P-value: 2009 relative to 2008
	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]		
Total U.S.														
Patient characteristic:														
Age groups for conditions affecting any age														
0-17														
18-44[c]														
45-64														
65 and over														
Age groups for pediatric conditions														
0-4[c]														
5-9														
10-14														
15-17														
Age groups for obstetric conditions														
10-14														
15-17														
18-24														
25-34[c]														
35-54														
Age groups for conditions affecting primarily elderly														
65-69[c]														
70-74														
75-79														
80-84														
85 and over														
Gender:														
Male[c]														
Female														
Median income of patient's ZIP code:														
First quartile (lowest income)														
Second quartile														
Third quartile														
Fourth quartile (highest income) [c]														
Location of patient residence (3 categories):														
Metropolitan[c]														
Micropolitan														
Noncore														
Location of patient residence (4 categories):														
Large metropolitan[c]														
Small metropolitan														

Table C2.
QI Label
Observed rates by patient and hospital characteristics, 2000, 2008 and 2009
QI #

Patient/hospital characteristic	2000 Observed Rate[b]				2008 Observed Rate[b]				2009 Observed Rate[b]				P-value: 2009 relative to 2000	P-value: 2009 relative to 2008
	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]		
Micropolitan														
Noncore														
Location of patient residence (5 categories):														
Large metropolitan[c]														
Small metropolitan														
Micropolitan														
Noncore adjacent														
Noncore not adjacent														
Location of patient residence (NCHS):														
Large central metropolitan														
Large fringe metropolitan[c]														
Medium metropolitan														
Small metropolitan														
Micropolitan														
Noncore														
Expected payment source:														
Private insurance[c]														
Medicare														
Medicaid														
Other insurance														
Uninsured / self-pay / no charge														
Hospital characteristic:														
Location of inpatient treatment:														
Northeast[c]														
Midwest														
South														
West														
Ownership/control:														
Private, not-for-profit[c]														
Private, for-profit														
Public														
Teaching status:														
Teaching														
Nonteaching[c]														
Location of hospital (3 categories):														
Metropolitan[c]														
Micropolitan														
Noncore														
Location of hospital (4 categories):														
Large metropolitan[c]														
Small metropolitan														
Micropolitan														

Table C2.
QI Label
Observed rates by patient and hospital characteristics, 2000, 2008 and 2009
QI #

Patient/hospital characteristic	2000 Observed Rate[b]				2008 Observed Rate[b]				2009 Observed Rate[b]				P-value: 2009 relative to 2000	P-value: 2009 relative to 2008
	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]	Estimate	Standard error	Number in the denominator	P-value: Relative to marked group[c]		
Noncore														
Location of hospital (5 categories):														
Large metropolitan[c]														
Small metropolitan														
Micropolitan														
Noncore adjacent														
Noncore not adjacent														
Location of hospital (NCHS):														
Large central metropolitan														
Large fringe metropolitan[c]														
Medium metropolitan														
Small metropolitan														
Micropolitan														
Noncore														
Bed size of hospital:														
Less than 100														
100 - 299[c]														
300 - 499														
500 or more														

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, Nationwide Inpatient Sample and AHRQ Quality Indicators, modified version of 4.1.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are observed rates and are not adjusted for age, gender, or severity.

[c] Reference for p-value test statistics.

DSU - Data do not meet the criteria for statistical reliability, data quality, or confidentiality.

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

							Race/ethnicity						
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Total

Patient characteristic:

Age groups for conditions affecting any age

  0-17

  18-44[c]

  45-64

  65 and over

Age groups for pediatric conditions

  0-4[c]

  5-9

  10-14

  15-17

Age groups for obstetric conditions

  10-14

  15-17

  18-24

  25-34[c]

  35-54

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

| | | | Race/ethnicity | | | | | | | | | |
| | Total | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Age groups for conditions affecting primarily elderly												
65-69[c]												
70-74												
75-79												
80-84												
85 and over												
Gender:												
Male[c]												
Female												
Median income of patient's ZIP code [with an additional p-value[e]]												
First quartile (lowest income)												
Second quartile												
Third quartile												
Fourth quartile (highest income) [c]												
Location of patient residence (3 categories):												
Metropolitan [c]												
Micropolitan												
Noncore												

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Location of patient residence
(4 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore

Location of patient residence
(5 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore adjacent

  Noncore not adjacent

Location of patient residence (NCHS):
  Large central metropolitan

  Large fringe metropolitan[c]

  Medium metropolitan

  Small metropolitan

  Micropolitan

  Noncore

Expected payment source:
  Private insurance [c]

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Medicare												
Medicaid												
Other insurance												
Uninsured / self-pay / no charge												
Hospital characteristic:												
Location of inpatient treatment:												
Northeast[c]												
Midwest												
South												
West												
Ownership/control:												
Private, not-for-profit[c]												
Private, for-profit												
Public												
Teaching status:												
Teaching												
Nonteaching[c]												
Location of hospital (3 categories):												
Metropolitan[c]												
Micropolitan												
Noncore												

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

							Race/ethnicity					
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Location of hospital
(4 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore

Location of hospital
(5 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore adjacent

  Noncore not adjacent

Location of hospital (NCHS):
  Large central metropolitan

  Large fringe metropolitan[c]

  Medium metropolitan

  Small metropolitan

  Micropolitan

  Noncore

Bed size of hospital:
  Less than 100

Table D.

QI Label

Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2009

QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
					Race/ethnicity							
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
100 - 299[c]												
300 - 499												
500 or more												

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, State Inpatient Databases, disparities analysis file, 2009, and AHRQ Quality Indicators, modified version of 4.1. The analysis file is designed to provide national estimates on disparities using weighted records from a sample of hospitals from the following 36 States: AR, AZ, CA, CO, CT, FL, GA, HI, IA, IL, KS, KY, MA, MD, ME, MI, MO, NH, NJ, NM, NV, NY, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, and WY.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are adjusted by age, Major Diagnostic Category (MDC), All Patient Refined-Diagnosis Related Group (APR-DRG) risk of mortality score, and transfers into the hospital. When reporting is by age, the adjustment is by MDC, APR-DRG risk of mortality score, and transfers into the hospital. The AHRQ IQI software was modified to not use the present on admission (POA) indicators (nor estimates of the likelihood of POA for secondary diagnosis).

[c] Denotes references for total-column p-value test statistics.

[d] Reference for race/ethnicity p-value test statistics in parentheses is White NonHispanic.

[e] An additional test statistic in brackets is for differences by income within racial/ethnic group relative to the highest income group.

DSU - Data do not meet the criteria for statistical reliability, data quality, or confidentiality.

DNC - Data were not collected.

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

			Race/ethnicity									
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Total

Patient characteristic:
Age groups for conditions affecting any age

  0-17

  18-44[c]

  45-64

  65 and over

Age groups for pediatric conditions
  0-4[c]

  5-9

  10-14

  15-17

Age groups for obstetric conditions
  10-14

  15-17

  18-24

  25-34[c]

  35-54

T.D Nat Subpop by Race Adj 2008

(4/3/2012)

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
							Race/ethnicity					
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Age groups for conditions affecting primarily elderly												
65-69[c]												
70-74												
75-79												
80-84												
85 and over												
Gender:												
Male[c]												
Female												
Median income of patient's ZIP code [with an additional p-value[e]]												
First quartile (lowest income)												
Second quartile												
Third quartile												
Fourth quartile (highest income) [c]												
Location of patient residence (3 categories):												
Metropolitan [c]												
Micropolitan												
Noncore												

T.D Nat Subpop by Race Adj 2008

(4/3/2012)

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

					Race/ethnicity							
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Location of patient residence
(4 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore

Location of patient residence
(5 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore adjacent

  Noncore not adjacent

Location of patient residence (NCHS):
  Large central metropolitan

  Large fringe metropolitan[c]

  Medium metropolitan

  Small metropolitan

  Micropolitan

  Noncore

Expected payment source:
  Private insurance [c]

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

					Race/ethnicity							
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Medicare												
Medicaid												
Other insurance												
Uninsured / self-pay / no charge												
Hospital characteristic:												
Location of inpatient treatment:												
Northeast[c]												
Midwest												
South												
West												
Ownership/control:												
Private, not-for-profit[c]												
Private, for-profit												
Public												
Teaching status:												
Teaching												
Nonteaching[c]												
Location of hospital (3 categories):												
Metropolitan[c]												
Micropolitan												
Noncore												

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Location of hospital (4 categories):												
Large metropolitan[c]												
Small metropolitan												
Micropolitan												
Noncore												
Location of hospital (5 categories):												
Large metropolitan[c]												
Small metropolitan												
Micropolitan												
Noncore adjacent												
Noncore not adjacent												
Location of hospital (NCHS):												
Large central metropolitan												
Large fringe metropolitan[c]												
Medium metropolitan												
Small metropolitan												
Micropolitan												
Noncore												
Bed size of hospital:												
Less than 100												

Table D.

QI Label

Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2008

QI #

					Race/ethnicity							
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
100 - 299[c]												
300 - 499												
500 or more												

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, State Inpatient Databases, disparities analysis file, 2008, and AHRQ Quality Indicators, modified version of 4.1. The analysis file is designed to provide national estimates on disparities using weighted records from a sample of hospitals from the following 31 States: AR, AZ, CA, CO, CT, FL, GA, HI, KS, KY, MA, MD, ME, MI, MO, NH, NJ, NV, NY, OK, OR, PA, RI, SC, TN, TX, UT, VA, VT, WI, and WY.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are adjusted by age, Major Diagnostic Category (MDC), All Patient Refined-Diagnosis Related Group (APR-DRG) risk of mortality score, and transfers into the hospital. When reporting is by age, the adjustment is by MDC, APR-DRG risk of mortality score, and transfers into the hospital. The AHRQ IQI software was modified to not use the present on admission (POA) indicators (nor estimates of the likelihood of POA for secondary diagnosis).

[c] Denotes references for total-column p-value test statistics.

[d] Reference for race/ethnicity p-value test statistics in parentheses is White NonHispanic.

[e] An additional test statistic in brackets is for differences by income within racial/ethnic group relative to the highest income group.

DSU - Data do not meet the criteria for statistical reliability, data quality, or confidentiality.

DNC - Data were not collected.

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

| | Total | | Race/ethnicity | | | | | | | | | |
| | | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Total												
Patient characteristic:												
Age groups for conditions affecting any age												
0-17												
18-44[c]												
45-64												
65 and over												
Age groups for pediatric conditions												
0-4[c]												
5-9												
10-14												
15-17												
Age groups for obstetric conditions												
10-14												
15-17												
18-24												
25-34[c]												
35-54												

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

| | | | | | Race/ethnicity | | | | | | |
| Population | Total | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Age groups for conditions affecting primarily elderly												
65-69[c]												
70-74												
75-79												
80-84												
85 and over												
Gender:												
Male[c]												
Female												
Median income of patient's ZIP code [with an additional p-value[e]]												
First quartile (lowest income)												
Second quartile												
Third quartile												
Fourth quartile (highest income) [c]												
Location of patient residence (3 categories):												
Metropolitan [c]												
Micropolitan												
Noncore												

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
							Race/ethnicity					
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Location of patient residence
(4 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore

Location of patient residence
(5 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore adjacent

  Noncore not adjacent

Location of patient residence (NCHS):
  Large central metropolitan

  Large fringe metropolitan[c]

  Medium metropolitan

  Small metropolitan

  Micropolitan

  Noncore

Expected payment source:
  Private insurance [c]

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

	Race/ethnicity										
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Medicare												
Medicaid												
Other insurance												
Uninsured / self-pay / no charge												
Hospital characteristic:												
Location of inpatient treatment:												
Northeast[c]												
Midwest												
South												
West												
Ownership/control:												
Private, not-for-profit[c]												
Private, for-profit												
Public												
Teaching status:												
Teaching												
Nonteaching[c]												
Location of hospital (3 categories):												
Metropolitan[c]												
Micropolitan												
Noncore												

Table D.
QI Label
Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

| | Total | | Race/ethnicity | | | | | | | | | |
| | | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Location of hospital (4 categories):												
Large metropolitan[c]												
Small metropolitan												
Micropolitan												
Noncore												
Location of hospital (5 categories):												
Large metropolitan[c]												
Small metropolitan												
Micropolitan												
Noncore adjacent												
Noncore not adjacent												
Location of hospital (NCHS):												
Large central metropolitan												
Large fringe metropolitan[c]												
Medium metropolitan												
Small metropolitan												
Micropolitan												
Noncore												
Bed size of hospital:												
Less than 100												

Table D.

QI Label

Adjusted rates by patient and hospital characteristics and by race/ethnicity, 2001

QI #

				Race/ethnicity								
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
100 - 299[c]												
300 - 499												
500 or more												

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, State Inpatient Databases, disparities analysis file, 2001, and AHRQ Quality Indicators, modified version of 4.1. The analysis file is designed to provide national estimates on disparities using weighted records from a sample of hospitals from the following 22 States: AZ, CA, CO, CT, FL, GA, HI, KS, MA, MD, MI, MO, NJ, NY, PA, RI, SC, TN, TX, VA, VT and WI.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are adjusted by age, Major Diagnostic Category (MDC), All Patient Refined-Diagnosis Related Group (APR-DRG) risk of mortality score, and transfers into the hospital. When reporting is by age, the adjustment is by MDC, APR-DRG risk of

[c] Denotes references for total-column p-value test statistics.

[d] Reference for race/ethnicity p-value test statistics in parentheses is White NonHispanic.

[e] An additional test statistic in brackets is for differences by income within racial/ethnic group relative to the highest income group.

DSU - Data do not meet the criteria for statistical reliability, data quality, or confidentiality.

DNC - Data were not collected.

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

| | Total | | Race/ethnicity | | | | | | | | | |
| | | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Total												
Patient characteristic:												
Age groups for conditions affecting any age												
0-17												
18-44[c]												
45-64												
65 and over												
Age groups for pediatric conditions												
0-4[c]												
5-9												
10-14												
15-17												
Age groups for obstetric conditions												
10-14												
15-17												
18-24												
25-34[c]												
35-54												

Table E.

QI Label

Observed rates by patient and hospital characteristics and by race/ethnicity, 2009

QI #

				Race/ethnicity							
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Age groups for conditions affecting primarily elderly												
65-69[c]												
70-74												
75-79												
80-84												
85 and over												
Gender:												
Male[c]												
Female												
Median income of patient's ZIP code [with an additional p-value[e]]												
First quartile (lowest income)												
Second quartile												
Third quartile												
Fourth quartile (highest income) [c]												
Location of patient residence (3 categories):												
Metropolitan [c]												
Micropolitan												
Noncore												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

| | Race/ethnicity | | | | | | | | | | |
| Population | Total | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Location of patient residence
(4 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore

Location of patient residence
(5 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore adjacent

  Noncore not adjacent

Location of patient residence (NCHS):
  Large central metropolitan

  Large fringe metropolitan[c]

  Medium metropolitan

  Small metropolitan

  Micropolitan

  Noncore

Expected payment source:
  Private insurance [c]

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

| Population | Race/ethnicity | | | | | | | | | | | |
| | Total | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Medicare												
Medicaid												
Other insurance												
Uninsured / self-pay / no charge												
Hospital characteristic:												
Location of inpatient treatment:												
Northeast[c]												
Midwest												
South												
West												
Ownership/control:												
Private, not-for-profit[c]												
Private, for-profit												
Public												
Teaching status:												
Teaching												
Nonteaching[c]												
Location of hospital (3 categories):												
Metropolitan[c]												
Micropolitan												
Noncore												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2009
QI #

	Race/ethnicity											
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Location of hospital
(4 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore

Location of hospital
(5 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore adjacent

  Noncore not adjacent

Location of hospital (NCHS):
  Large central metropolitan

  Large fringe metropolitan[c]

  Medium metropolitan

  Small metropolitan

  Micropolitan

  Noncore

Bed size of hospital:
  Less than 100

Table E.

QI Label

Observed rates by patient and hospital characteristics and by race/ethnicity, 2009

QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
100 - 299[c]												
300 - 499												
500 or more												

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are observed rates and are not adjusted for age, gender, or severity.

[c] Denotes references for total-column p-value test statistics.

[d] Reference for race/ethnicity p-value test statistics in parentheses is White NonHispanic.

[e] An additional test statistic in brackets is for differences by income within racial/ethnic group relative to the highest income group.

DSU - Data do not meet the criteria for statistical reliability, data quality, or confidentiality.

DNC - Data were not collected.

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

| | Total | | Race/ethnicity | | | | | | | | |
| | | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Total												
Patient characteristic:												
Age groups for conditions affecting any age												
0-17												
18-44[c]												
45-64												
65 and over												
Age groups for pediatric conditions												
0-4[c]												
5-9												
10-14												
15-17												
Age groups for obstetric conditions												
10-14												
15-17												
18-24												
25-34[c]												
35-54												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

							Race/ethnicity					
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Age groups for conditions affecting primarily elderly												
65-69[c]												
70-74												
75-79												
80-84												
85 and over												
Gender:												
Male[c]												
Female												
Median income of patient's ZIP code [with an additional p-value[e]]												
First quartile (lowest income)												
Second quartile												
Third quartile												
Fourth quartile (highest income) [c]												
Location of patient residence (3 categories):												
Metropolitan [c]												
Micropolitan												
Noncore												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

	Race/ethnicity											
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Location of patient residence
(4 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore

Location of patient residence
(5 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore adjacent

  Noncore not adjacent

Location of patient residence (NCHS):
  Large central metropolitan

  Large fringe metropolitan[c]

  Medium metropolitan

  Small metropolitan

  Micropolitan

  Noncore

Expected payment source:
  Private insurance [c]

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

	Race/ethnicity											
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Medicare												
Medicaid												
Other insurance												
Uninsured / self-pay / no charge												
Hospital characteristic:												
Location of inpatient treatment:												
Northeast[c]												
Midwest												
South												
West												
Ownership/control:												
Private, not-for-profit[c]												
Private, for-profit												
Public												
Teaching status:												
Teaching												
Nonteaching[c]												
Location of hospital (3 categories):												
Metropolitan[c]												
Micropolitan												
Noncore												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

| | Race/ethnicity | | | | | | | | | | |
| | Total | | White NonHispanic[d] | | African American NonHispanic | | Hispanic (of any race) | | Asian and Pacific Islander NonHispanic | | Other NonHispanic | |
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Location of hospital (4 categories):												
Large metropolitan[c]												
Small metropolitan												
Micropolitan												
Noncore												
Location of hospital (5 categories):												
Large metropolitan[c]												
Small metropolitan												
Micropolitan												
Noncore adjacent												
Noncore not adjacent												
Location of hospital (NCHS):												
Large central metropolitan												
Large fringe metropolitan[c]												
Medium metropolitan												
Small metropolitan												
Micropolitan												
Noncore												
Bed size of hospital:												
Less than 100												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2008
QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
100 - 299[c]												
300 - 499												
500 or more												

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, State Inpatient Databases, disparities analysis file, 2008, and AHRQ Quality Indicators, modified version of 4.1. The analysis file is designed to provide national estimates on disparities using weighted records from a sample of hospitals from the following 31 States: AR, AZ, CA, CO, CT, FL, GA, HI, KS, KY, MA, MD, ME, MI, MO, NH, NJ, NV, NY, OK, OR, PA, RI, SC, TN, TX, UT, VA, VT, WI, and WY.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are observed rates and are not adjusted for age, gender, or severity.

[c] Denotes references for total-column p-value test statistics.

[d] Reference for race/ethnicity p-value test statistics in parentheses is White NonHispanic.

[e] An additional test statistic in brackets is for differences by income within racial/ethnic group relative to the highest income group.

DSU - Data do not meet the criteria for statistical reliability, data quality, or confidentiality.

DNC - Data were not collected.

Table E.

QI Label

Observed rates by patient and hospital characteristics and by race/ethnicity, 2001

QI #

Population	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Total												
Patient characteristic:												
Age groups for conditions affecting any age												
0-17												
18-44[c]												
45-64												
65 and over												
Age groups for pediatric conditions												
0-4[c]												
5-9												
10-14												
15-17												
Age groups for obstetric conditions												
10-14												
15-17												
18-24												
25-34[c]												
35-54												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

				Race/ethnicity							
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Age groups for conditions affecting primarily elderly											
65-69[c]											
70-74											
75-79											
80-84											
85 and over											
Gender:											
Male[c]											
Female											
Median income of patient's ZIP code [with an additional p-value[e]]											
First quartile (lowest income)											
Second quartile											
Third quartile											
Fourth quartile (highest income) [c]											
Location of patient residence (3 categories):											
Metropolitan [c]											
Micropolitan											
Non-core											

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

					Race/ethnicity							
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])

Location of patient residence
(4 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore

Location of patient residence
(5 categories):
  Large metropolitan[c]

  Small metropolitan

  Micropolitan

  Noncore adjacent

  Noncore not adjacent

Location of patient residence (NCHS):
  Large central metropolitan

  Large fringe metropolitan[c]

  Medium metropolitan

  Small metropolitan

  Micropolitan

  Noncore

Expected payment source:

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

	Total		Race/ethnicity									
			White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Private insurance [c]												
Medicare												
Medicaid												
Other insurance												
Uninsured / self-pay / no charge												
Hospital characteristic:												
Location of inpatient treatment:												
Northeast[c]												
Midwest												
South												
West												
Ownership/control:												
Private, not-for-profit[c]												
Private, for-profit												
Public												
Teaching status:												
Teaching												
Nonteaching[c]												
Location of hospital (3 categories):												
Metropolitan[c]												
Micropolitan												
Noncore												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
Location of hospital (4 categories):												
Large metropolitan[c]												
Small metropolitan												
Micropolitan												
Noncore												
Location of hospital (5 categories):												
Large metropolitan[c]												
Small metropolitan												
Micropolitan												
Noncore adjacent												
Noncore not adjacent												
Location of hospital (NCHS):												
Large central metropolitan												
Large fringe metropolitan[c]												
Medium metropolitan												
Small metropolitan												
Micropolitan												
Noncore												
Bed size of hospital:												
Less than 100												

Table E.
QI Label
Observed rates by patient and hospital characteristics and by race/ethnicity, 2001
QI #

	Race/ethnicity										
	Total		White NonHispanic[d]		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate[b] (Number in denominator)	Standard error (P-value [c])	Rate[b] (Number in denominator)	Standard error	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])	Rate[b] (Number in denominator)	Standard error (P-value [d])
100 - 299[c]												
300 - 499												
500 or more												

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, State Inpatient Databases, disparities analysis file, 2001, and AHRQ Quality Indicators, modified version of 4.1. The analysis file is designed to provide national estimates on disparities using weighted records from a sample of hospitals from the following 22 States: AZ, CA, CO, CT, FL, GA, HI, KS, MA, MD, MI, MO, NJ, NY, PA, RI, SC, TN, TX, VA, VT and WI.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are observed rates and are not adjusted for age, gender, or severity.

[c] Denotes references for total-column p-value test statistics.

[d] Reference for race/ethnicity p-value test statistics in parentheses is White NonHispanic.

[e] An additional test statistic in brackets is for differences by income within racial/ethnic group relative to the highest income group.

DSU - Data do not meet the criteria for statistical reliability, data quality, or confidentiality.

DNC - Data were not collected.

Table F.
QI Label
By patient and hospital characteristics, 2009
QI #

Patient/hospital characteristic	2009 NIS Adjusted Rate[b]			2009 NHDR Analytic File Adjusted Rate[b]		
	Estimate	Standard error	P-value: Relative to marked group[c] for the NIS	Estimate	Standard error	P-value: Relative to marked group[c] for the NHDR

Total

Patient characteristic:

Age groups for conditions affecting any age
  0-17
  18-44[c]
  45-64
  65 and over

Age groups for pediatric conditions
  0-4[c]
  5-9
  10-14
  15-17

Age groups for obstetric conditions
  10-14
  15-17
  18-24
  25-34[c]
  35-54

elderly
  65-69[c]
  70-74
  75-79
  80-84
  85 and over

Gender:
  Male[c]
  Female

Median income of patient's ZIP code:
  First quartile (lowest income)
  Second quartile
  Third quartile
  Fourth quartile (highest income) [c]

Location of patient residence
(3 categories):
  Metropolitan[c]
  Micropolitan
  Noncore

Location of patient residence
(4 categories):
  Large metropolitan[c]
  Small metropolitan
  Micropolitan

Table F.
QI Label
By patient and hospital characteristics, 2009
QI #

Patient/hospital characteristic	2009 NIS Adjusted Rate[b]			2009 NHDR Analytic File Adjusted Rate[b]		
	Estimate	Standard error	P-value: Relative to marked group[c] for the NIS	Estimate	Standard error	P-value: Relative to marked group[c] for the NHDR
Noncore						
Location of patient residence (5 categories):						
Large metropolitan[c]						
Small metropolitan						
Micropolitan						
Noncore adjacent						
Noncore not adjacent						
Location of patient residence (NCHS):						
Large central metropolitan						
Large fringe metropolitan[c]						
Medium metropolitan						
Small metropolitan						
Micropolitan						
Noncore						
Expected payment source:						
Private insurance[c]						
Medicare						
Medicaid						
Other insurance						
Uninsured / self-pay / no charge						
Hospital characteristic:						
Location of inpatient treatment:						
Northeast[c]						
Midwest						
South						
West						
Ownership/control:						
Private, not-for-profit[c]						
Private, for-profit						
Public						
Teaching status:						
Teaching						
Nonteaching[c]						
Location of hospital (3 categories):						
Metropolitan[c]						
Micropolitan						
Noncore						
Location of hospital (4 categories):						
Large metropolitan[c]						
Small metropolitan						

Table F.
QI Label
By patient and hospital characteristics, 2009
QI #

	2009 NIS Adjusted Rate[b]			2009 NHDR Analytic File Adjusted Rate[b]		
Patient/hospital characteristic	Estimate	Standard error	P-value: Relative to marked group[c] for the NIS	Estimate	Standard error	P-value: Relative to marked group[c] for the NHDR
Micropolitan						
Noncore						
Location of hospital (5 categories):						
Large metropolitan[c]						
Small metropolitan						
Micropolitan						
Noncore adjacent						
Noncore not adjacent						
Location of hospital (NCHS):						
Large central metropolitan						
Large fringe metropolitan[c]						
Medium metropolitan						
Small metropolitan						
Micropolitan						
Noncore						
Bed size of hospital:						
Less than 100						
100 - 299[c]						
300 - 499						
500 or more						

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, State Inpatient Databases, disparities analysis file, 2009, and AHRQ Quality Indicators, modified version of 4.1. The analysis file is designed to provide national estimates on disparities using weighted records from a sample of hospitals from the following 36 States: AR, AZ, CA, CO, CT, FL, GA, HI, IA, IL, KS, KY, MA, MD, ME, MI, MO, NH, NJ, NM, NV, NY, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, and WY.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

[b] Rates are adjusted by age, Major Diagnostic Category (MDC), All Patient Refined-Diagnosis Related Group (APR-DRG) risk of mortality score, and transfers into the hospital. When reporting is by age, the adjustment is by MDC, APR-DRG risk of mortality score, and transfers into the hospital. The AHRQ IQI software was modified to not use the present on admission (POA) indicators (nor estimates of the likelihood of POA for secondary diagnosis).

[c] Reference for p-value test statistics.

DNC - Data were not collected.

Table G.
QI Label
By year and race/ethnicity
QI #

	Total		White NonHispanic		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
						Race/ethnicity						
Population	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]
Adjusted rates[b]												
2009												
2008												
2007												
2006												
2005												
2004												
2003												
2002												
2001												
Observed rates												
2009												

Table G.
QI Label
By year and race/ethnicity
QI #

	Total		White NonHispanic		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]
2008												
2007												
2006												
2005												
2004												
2003												
2002												
2001												

Source: Agency for Healthcare Research and Quality (AHRQ), Center for Delivery, Organization, and Markets, Healthcare Cost and Utilization Project, State Inpatient Databases (SID), disparities analysis files and AHRQ Quality Indicators, modified version of 4.1. The disparities analysis files are designed to provide national estimates on disparities using weighted records from a sample of hospitals in the SID. For 2001 and 2002, SID from the following 22 States were used: AZ, CA, CO, CT, FL, GA, HI, KS, MA, MD, MI, MO, NJ, NY, PA, RI, SC, TN, TX, VA, VT and WI. For 2003, SID from NH were added for a total of 23 States. In 2004, SID from AR were added; and SID from PA were not available. In 2005, SID from OK were added; and SID from VA were not available. In 2006, SID from UT and VA were added for a total of 25 States. In 2007, SID from WY were added for a total of 26 States. In 2008, SID from KY, ME, NV, OR, and PA were added for a total of 31 States. In 2009, SID from IA, IL, NM, SD, and WA were added for a total of 36 States.

[a] Consistent with the AHRQ IQI software, AMI must be the principal diagnosis and the following cases are excluded: obstetric admissions and transfers to another hospital.

Table G.
QI Label
By year and race/ethnicity
QI #

	Total		White NonHispanic		African American NonHispanic		Hispanic (of any race)		Asian and Pacific Islander NonHispanic		Other NonHispanic	
Population	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]	Rate (Number in denominator)	Standard error (P-value [c]) [P-value [d]]

[b] Rates are adjusted by age, Major Diagnostic Category (MDC), All Patient Refined-Diagnosis Related Group (APR-DRG) risk of mortality score, and transfers into the hospital. When reporting is by age, the adjustment is by MDC, APR-DRG risk of mortality score, and transfers into the hospital. The AHRQ IQI software was modified to not use the present on admission (POA) indicators (nor estimates of the likelihood of POA for secondary diagnosis).

[c] P-value test statistics for comparison to previous year.

[d] P-value test statistics for comparison to 2001.

Table H1 Potentially Preventable ED Visits
PQI/PDI Label
Adjusted rates by patient and hospital characteristics, 2008
QI #

	Adjusted Rate[b]			Admissions) Adjusted Rate[b]			p Admission			p Admission		
Patient/hospital characteristic	Estimate	Standard error	P-value: Relative to marked group[c]	Estimate	Standard error	P-value: Relative to marked group[c]	Estimate	Standard error	P-value: Relative to marked group[c]	Estimate	Standard error	P-value: Relative to marked group[c]

Total U.S.

Patient characteristic:
Age groups for conditions affecting any age
  0-17
  18-44[c]
  45-64
  65 and over

Age groups for pediatric conditions
  0-4[c]
  5-9
  10-14
  15-17

Age groups for conditions affecting primarily elderly
  65-69[c]
  70-74
  75-79
  80-84
  85 and over

Gender:
  Male[c]
  Female

Median income of patient's ZIP code:
  First quartile (lowest income)
  Second quartile
  Third quartile
  Fourth quartile (highest income) [c]

Location of patient residence (3 categories):
  Metropolitan[c]
  Micropolitan
  Noncore

Location of patient residence (4 categories):
  Large metropolitan[c]
  Small metropolitan
  Micropolitan
  Noncore

Location of patient residence (5 categories):
  Large metropolitan[c]
  Small metropolitan
  Micropolitan
  Noncore adjacent
  Noncore not adjacent

Location of patient residence (NCHS):
  Large central metropolitan
  Large fringe metropolitan[c]
  Medium metropolitan
  Small metropolitan
  Micropolitan
  Noncore

Hospital characteristic:
Location of inpatient treatment:
  Northeast[c]
  Midwest
  South
  West

Sample, 2008, and AHRQ Quality Indicators, modified version of 4.1.

[a] Consistent with the AHRQ PQI software, diabetes must be the principal diagnosis and short-term complications include ketoacidosis, hyperosmolarity, or coma. Transfers from other institutions are excluded.

[b] Rates are adjusted by age and gender using the total U.S. population for 2000 as the standard population; when reporting is by age, the adjustment is by gender only; when reporting is by gender, the adjustment is by age

[c] Reference for p-value test statistics.

DNC - Data were not collected.