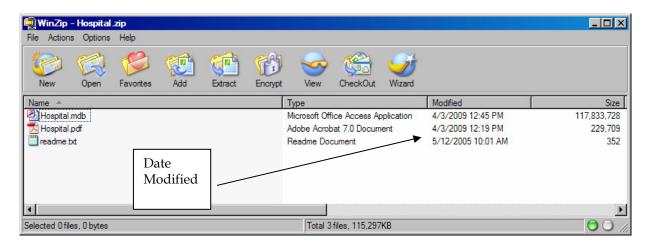
IMPORTANT NOTE: Summer 2008 CMS added a new clinical condition, Children's Asthma Care with two clinical measures to the Hospital Compare website. CMS also add Pneumonia Mortality measure and "Mortality Interval Estimate Graphs" to the Outcomes of Care (mortality) measures

March 2008 CMS added the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Survey and Medicare Payment and Volume for 46 high use DRGs. The downloadable files have been revised to include the new information that are displayed on the website.

This functionality is primarily used by health policy researchers and the media. The data provided in the eight tables comes from the data that is displayed in the Hospital Compare Tool and includes additional information about the hospital ownership that is not displayed on the website. The date "Modified" in the zipped file indicates the date of the last refresh of the data. For information about hospitals in a particular geographical area, you should use the Hospital Compare tool instead of downloading the data.

Generally, the downloadable databases are refreshed within 24 hours after the data are refreshed on medicare.gov. The date "Modified" in the zipped file indicates the date of the last refresh of the downloadable database.



#### Data Collection Period for Process of Care Quality Measures and HCAHPS Patient Survey

The collection period for the process of care quality measures is generally 12 months. As new measures are added, the collection period varies. Currently, the Hospital Compare quality measures are refreshed the third month of each quarter. The chart below provides the 12-month collection period for the process of care measures in Hospital Compare.

| Month Hospital Compare<br>Refresh/Release |              | ocess of Care Measure & HCAHPS Patien<br>urvey Collection Dates |  |  |
|---|--------------|---|--|--|
|   | From         | Through   |  |  |
| March 2009                                | July 2007    | June 2008   |  |  |
| June 2009                                 | October 2007 | September 2008  |  |  |
| September 2009                            | January 2008 | December 2008   |  |  |

| December 2009 April | 1 2008 March 2009 |
|---------------------|-------------------|

#### **Data Collection Period for Mortality Quality Measures**

The collection period for the mortality measures is 12 months. The risk-adjusted 30-day risk-adjusted mortality measures for heart attack and heart failure are produced from Medicare claims and enrollment data. The mortality quality measures will be refreshed once annually. The chart below provides the 12-month collection period for the starter set measures in Hospital Compare.

| Month Hospital Compare<br>Refresh/Release | Mortality Quality Measure Dates |           |
|---|---------------------------------|-----------|
|   | From                            | Through   |
| March 2009                                | July 2006                       | June 2007 |
| June 2009                                 | July 2007                       | June 2008 |
| September 2009                            | July 2007                       | June 2008 |
| December 2009                             | July 2007                       | June 2008 |

There are fourteen tables in the Hospital Compare database.

- 1) dbo\_vwHQI\_FTNT
- 2) dbo\_vwHQI\_HOSP
- 3) dbo\_vwHQI\_HOSP\_MSR\_XWLK
- 4) dbo\_vwHQI\_PCTL\_MSR\_XWLK
- 5) dbo\_vwHQI\_STATE\_MSR\_AVG
- 6) dbo\_vwHQI\_HOSP\_MORTALITY\_XWLK
- 7) dbo\_vwHQI\_STATE\_US\_MORTALITY\_COUNTS
- 8) dbo\_vwHQI\_NATIONAL\_MORTALITY\_RATE
- 9) dbo\_vwHQI\_HOSP\_HCAHPS\_MSR
- 10) dbo\_vwHQI\_STATE\_HCAHPS\_MSR
- 11) dbo\_vwHQI\_US\_NATIONAL\_HCAHPS\_MSR
- 12) dbo\_vwHQI\_HOSP\_MPV\_MSR
- 13) dbo\_vwHQI\_STATE\_MPV\_MSR
- 14) dbo\_vwHQI\_UA\_NATIONAL\_MPV\_MSR

The quality measures in the downloadable database are arranged by condition, by date of initial publication in the Hospital Compare tool. See Quality Measure chart at the end of this document for measure titles and publication dates.

#### Table dbo\_vwHQI\_FTNT

The dbo\_vwHQI\_FTNT table contains two (2) fields. This table provides the footnote text.

- 1. Footnote (1)
- 2. Footnote Text (varies)

Hospital Compare Footnote values:

Letters a through g are associated with the Medicare payment and volume data.

- ID Footnote Text
- a. Source: Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Survey.
- b. This is the middle range of payments for the most typical cases treated in this geographic area for this condition or procedure.
- c. Number of Medicare Patients Treated: The number of discharges the hospital treated for each DRG from October 2006 through September 2007. The United States and average of Medicare Patients does not include hospitals with zero cases.
- d. The payment and volume information is for acute care hospitals. Critical access hospitals (CAH) are not included because they are paid using another method.
- e. Payment cannot be computed as there were no Medicare discharges for this DRG from October 2006 September 2007.
- f. An asterisk (\*) appears in the table where data cannot be disclosed to protect personal health information due to the small number of Medicare patients (fewer than 11).
- g. This hospital is currently not submitting data for Hospital Process of Care Measures, Hospital Outcome of Care Measures and/or the Hospital Consumer Assessment of Health Providers and Systems (HCAHPS) Patient Survey.

The number footnotes (in italics) are associated with the Hospital Compare quality measures:

- ID Footnote Text
- 1. *The number of cases is too small (<25) to reliably tell how well a hospital is performing.* For each measure, the rate is the percent of patients for whom the treatment is appropriate. Where these numbers are small (fewer than 25 patients), the calculated rate may not accurately predict the hospital's future performance. As the quality data base is expanded to a full rolling four quarters of data for each measure, the number of cases used to determine hospitals' rates will likely increase, thereby increasing the reliability and stability of the rates. Note: This footnote does not necessarily reflect hospital size or overall patient volume..
- 2. The hospital indicated that the data submitted for this measure were based on a sample of cases. A rate may be based upon the total number of cases treated by a hospital, or for a facility with a large caseload, a rate may be based on a random sample of the cases the hospital treated. This footnote indicates that a hospital chose to submit data for a sample of its total cases (following specific rules for how to the select the cases).
- 3. Data was collected during a shorter time period (fewer quarters) than the maximum possible time for this measure (One quarter equals three months.). Each rate reflects the care given over a specific time period, up to a maximum of four quarters during a 12 month period. The number of quarters of data available is determined by when hospitals first began to report data using a specific measure. For example, for the ten measures in the "Starter Set", the maximum number of quarters for which a hospital could have provided data is four quarters. For measures added more recently, the maximum will be fewer than four quarters. This footnote indicates that the hospital's rate was based on data from fewer than the maximum possible number of quarters that the measure was generally collected.

- 4. *Inaccurate information submitted and suppressed for one or more quarters.* Hospitals are required to submit accurate, reportable data to the Centers for Medicare and Medicaid Services (CMS). The rates for these measures were calculated by excluding data that had been suppressed for one or more quarters because they were identified as inaccurate.
- 5. No data is available from the hospital for this measure. Hospitals volunteer to provide data for reporting on Hospital Compare. This footnote is applied when the hospital did not submit any cases for a measure or if they suppressed their data from public reporting
- 6. *Fewer than 100 patients completed the HCAHPS survey. Use these rates with caution, as the number of surveys may be too low to reliably assess hospital performance.* The number of completed surveys the hospital or its vendor provided to CMS is less than 100.
- 7. Survey results are based on less than 12 months of data, or there were discrepancies in the data collection process.

This footnote is applied when HCAHPS results are based on less than 12 months of survey data, or when there have been deviations from HCAHPS data collection protocols. CMS is working with survey vendors and/or hospitals to correct any discrepancies.

- 8. *Survey results are not available for this period.* This footnote is applied when a hospital did not participate in HCAHPS, did not collect sufficient HCAHPS data for public reporting purposes, or chose to suppress their HCAHPS results.
- 9. *No patients were eligible for the HCAHPS Survey.* This footnote is applied when a hospital has no patients eligible to participate in the HCAHPS survey.
- 10. A state average was not calculated because too few hospitals in the state submitted data. This footnote is applied when too few hospitals submitted data.
- <sup>†</sup> "0 patients" The notation "0 patients" is applied when a hospital provided care to patients with a condition, such as pneumonia, but the cases that the hospital submitted did not meet the specific criteria for being included in the calculation of the measure.

#### dbo\_vwHQI\_HOSP

The dbo\_vwHQI\_HOSP table contains thirteen (14) fields. This table provides general Hospital information in response to a Hospital Compare search.

- 1. Provider Number: varchar (6) Lists the hospitals by their provider identification number.
- 2. Hospital Name: varchar (50) Lists the name of the hospital.
- 3. Address1: varchar (50) Lists the first line of the street address of the hospital.
- 4. Address2: varchar (50) Lists the second line of the street address of the hospital.
- 5. Address3: varchar (50) Lists the third line of the street address of the hospital.
- 6. City: varchar (28) Lists the city in which the hospital is located.
- 7. State: varchar (2) Lists the 2 letter State code in which the hospital is located.

- 8. ZIP Code: char (5) Lists the 5 digit numeric ZIP for the hospital.
- 9. County Name: char (15) Lists the county in which the hospital is located.
- 10. Phone Number: char (10) Lists the 10-digit numeric telephone number, including area code, for the Hospital.
- 11. Hospital Type: char (25) Lists the type of hospital. The values are:<br/>Acute Care HospitalCritical Access HospitalChildren's Hospital
- 12. Hospital Ownership: varchar (44) Lists the type of ownership the Hospital falls under. The values are:
  - Government Federal
  - Government Hospital District or Authority
  - Government Local
  - Government State
  - Proprietary
  - Voluntary non-profit Church
  - Voluntary non-profit Other
  - Voluntary non-profit Private
  - Not Available
- 13. Accreditation: char (3) Returns "Yes" or "No" to specify whether or not the hospital is accredited.
- 14. Emergency Service: char (3) Returns "Yes" or "No" to specify whether or not the hospital provides emergency services.

#### dbo\_vwHQI\_HOSP\_MSR\_XWLK

The dbo\_vwHQI\_HOSP\_MSR\_XWLK table contains seven (8) fields. This table provides the quality measure scores for each hospital that reported information.

- 1. Provider Number: varchar (6) Lists the hospitals by their provider identification number.
- 2. Hospital Name: varchar (50) Lists the name of the hospital.
- Condition: varchar (29) Lists the clinical condition. The values are: Heart Attack Heart Failure Pneumonia
  Surgical Infection Prevention Children's Asthma Care
- 4. Measure Code: char(15) Lists measure code for each measure. See the chart as acronym for POC measures at the end of this document.
- 5. Measure Name: varchar (100) Lists the measure names, see chart at the end of this document.

# The quality measures in the downloadable database are arranged by condition, by date of initial publication in the Hospital Compare tool. See Quality Measure chart at the end of this document for measure titles and publication dates.

- 6. Score: varchar (4) Lists the score (percentage) for each measure that the hospital submitted.
- 7. Sample: varchar (12) Lists the patient sample size for each measure that the hospital submitted.
- 8. Footnote: (1) Lists the footnote value when appropriate. See the footnote table for the values.

### dbo\_vwHQI\_PCTL\_MSR\_XWLK

The dbo\_vwHQI\_PCTL\_MSR\_XWLK, table contains four (5) fields. It provides the score achieved by the top ten (10) percent of hospitals and the national average score for each process of care quality measure.

1. Measure Name: varchar (100) Lists the measure names, see chart at the end of this document.

# The quality measures in the downloadable database are arranged by condition, by date of initial publication in the Hospital Compare tool. See Quality Measure chart at the end of this document for measure titles and publication dates.

2. Condition: (29) Lists the clinical condition. The values are:

| Heart Attack  | Surgical Infection Prevention |
|---------------|-------------------------------|
| Heart Failure | Children's Asthma Care        |
| Pneumonia     |                               |

- 3. Measure Code : char (15) Lists measure code for each measure. See the chart as acronym for POC measures at the end of this document.
- 4. Percentile: Identifies which score is listed. The values are:
  - Top 10% of Hospitals submitting data scored equal to or higher than:
  - National Average of Hospitals submitting data:
- 5. Score: (4) Lists the top 10% and national score for each measure.

#### dbo\_vwHQI\_STATE\_MSR\_AVG

The dbo\_vwHQI\_STATE\_MSR\_AVG table contains (5) fields. This table provides the State average for each hospital process of care quality measure.

- 1. State: (2) Lists the alphabetic postal code used to identify each individual state. All fifty (50) states are listed, as well as:
  - DC = Washington D.C.
  - GU = Guam

- PR = Puerto Rico
- VI = Virgin Islands

- MP = Northern Mariana Islands
- 2. Condition: (29) Lists the clinical condition. The values are: Heart Attack Surgical Infection Prevention Heart Failure Children's Asthma Care Pneumonia

#### Hospital Compare Downloadable Database

- 3. Measure Code: char(15) Lists measure code for each measure. See the chart as an acronym for POC measures at the end this document.
- 4. Measure Name: varchar (100) Lists the measure names, chart at the end of this document.

# The quality measures in the downloadable database are arranged by condition, by date of initial publication in the Hospital Compare tool. See Quality Measure chart at the end of this document for measure titles and publication dates.

5. State Average: char (3) Lists the measure average for each State

### dbo\_vwHQI\_HOSP\_MORTALITY\_XWLK

The dbo\_vwHQI\_HOSP\_MORTALITY\_XWLK table contains ten (10) fields. This table provides each hospital's risk-adjusted 30-Day Death (mortality) category and rate.

- 1. Provider Number: varchar (6) Lists the hospitals by their provider identification number.
- 2. Hospital Name: varchar (50) Lists the name of the hospital.
- 3. Condition: varchar (25) Lists the clinical condition. The values are: Heart Attack Heart Failure Pneumonia
- 4. Measure Name: varchar (100) Lists the measure names. The values are:
  - Hospital 30-Day Death (Mortality) Rates from Heart Attack
  - Hospital 30-Day Death (Mortality) Rates from Heart Failure
  - Hospital 30-Day Death (Mortality) Rates from Pneumonia
- 5. Category: varchar (50) Lists the mortality category in which the hospital falls. The values are:
  - Better than U.S. National Rate
  - No Different than U.S. National Rate
  - Worse than U.S. National Rate
- 6. Mortality Rate: Lists the risk adjusted rate (percentage) for each hospital.
- 7. Lower Mortality Estimate: Lists the lower bound (Interval Estimate) for each hospital's riskadjusted rate.
- 8. Upper Mortality Estimate: varchar (6) Lists the upper bound (Interval Estimate) for each hospital's risk-adjusted rate.
- 9. Number of patients: varchar (5) Lists the number of Medicare patients treated for Heart Attack, Heart Failure or Pneumonia by the hospital.
- 10. Footnote: char (10) Lists the footnote value when appropriate. The value is: "5 No data is available from the hospital for this measure."

### dbo\_vwHQI\_STATE\_MORTALITY\_SCRE

The dbo\_vwHQI\_STATE\_MORTALITY\_SCRE table contains (5) fields. This table provides that total number of Hospitals in each state and nationally that are Better, No Different and Worse than the U.S. National Rate for each measure.

### Hospital Compare Downloadable Database

- 1. State: (2) Lists the alphabetic postal code used to identify each individual state. All fifty (50) states are listed, as well as:
  - DC = Washington D.C.
  - GU = Guam
  - MP = Northern Mariana Islands
  - PR = Puerto Rico
  - VI = Virgin Islands
- 2. Condition: varchar (55) Lists the clinical condition. The values are:
  - Heart Attack
  - Heart Failure
  - Pneumonia
- 3. Measure Name: varchar (100)

Lists the mortality measure names:

- Hospital 30-Day Death (Mortality) Rates from Heart Attack
- Hospital 30-Day Death (Mortality) Rates from Heart Failure
- Hospital 30-Day Death (Mortality) Rates from Pneumonia
- 4. Category: varchar (50) Lists the comparison category in which the hospital falls. The values are:
  - Better than U.S. National Rate
  - No Different than U.S. National Rate
  - Worse than U.S. National Rate
- 5. Number of Hospital: integer Lists the number of hospitals for each measure/category combination.

#### dbo\_vwHQI\_US\_NATIONAL\_MORTALITY\_RATE

The dbo\_vwHQI\_U.S. National MORTALITY\_RATE table contains (3) fields. This table provides the total number nationally rate for each Mortality measure.

- 1. Condition: varchar (255) Lists the clinical condition. The values are:
  - Heart Attack
  - Heart Failure
  - Pneumonia
- 2. Measure Name: varchar (100) Lists the measure names.
  - Hospital 30-Day Death (Mortality) Rates from Heart Attack
  - Hospital 30-Day Death (Mortality) Rates from Heart Failure
  - Hospital 30-Day Death (Mortality) Rates from Pneumonia
- 3. National Mortality Rate: integer (2) The national risk-adjusted 30-Day Death (mortality) rate.

#### dbo\_vwHQI\_HOSP\_HCAHPS\_MSR

The dbo\_vwHQI\_HOSP\_HCAHPS\_MSR table contains (10) fields. This table provides the result for each of the HCAHPS measures for each hospital that reported information.

- 1. Provider Number: varchar (6) Lists the hospitals by their provider identification number.
- 2. Hospital Name: varchar (50) Lists the name of the hospital.

- 3. HCAHPS Code: varchar(255) Lists the HCAHPS code related to the specific question and answer.
- 4. HCAHPS Question: varchar (100) Lists the survey topics about patients' hospital experiences. The values are listed in tables at the end of this document.
- 5. HCAHPS Answer Description: char (100) Lists the answers to the survey topics about patients' hospital experiences. The values are listed in tables at the end of this document.
- 6. HCAHPS Answer Percent: char (3) Lists the percentage for each patient survey topic answered.
- 7. Number of Completed Surveys: varchar (255) Lists the total number of patients who completed a survey. The values are:
  - 300 or More
  - Between 100 and 299
  - Fewer then 100
- 8. Survey Response Rate Percent: char (3) Lists the percentage of patients who completed the survey.
- 9. Survey Footnote: char (5) Lists the footnote value when appropriate, as related to the survey. The values are:
  - Fewer than 100 patients completed the HCAHPS survey. Use these rates with caution, as the number of surveys may be too low to reliably assess hospital performance.
  - This displays less than 12 months of accurate data.
  - Survey results are not available for this period.
  - No patients were eligible for the HCAHPS Survey.

10. Hospital Footnote: char (5)Lists the footnote value when appropriate, as related to the hospital. The values are:

- Fewer than 100 patients completed the HCAHPS survey. Use these rates with caution, as the number of surveys may be too low to reliably assess hospital performance.
- This displays less than 12 months of accurate data.
- Survey results are not available for this period.
- No patients were eligible for the HCAHPS Survey.

#### dbo\_vwHQI\_STATE\_HCAHPS\_MSR

The dbo\_vwHQI\_STATE\_HCAHPS\_MSR table contains (5) fields. This table provides the state average for each of the patient survey topics answered.

- 1. State: (2) Lists the alphabetic postal code used to identify each individual state. All fifty (50) states are listed, as well as:
  - DC = Washington D.C.
  - GU = Guam
  - MP = Northern Mariana Islands
  - PR = Puerto Rico
  - VI = Virgin Islands

Each of the HCAHPS measures has two or three response categories.

- 2. HCAHPS measures: char (100)Lists the HCAHPS survey measures.
- 3. HCAHPS measure code: varchar(255) Lists HCAHPS code related to specific question and answer.

- 4. HCAHPS response categories: char (50) Lists the response categories for HCAHPS measures. The values for the HCAPHS measures are listed in tables at the end of this document.
- 5. HCAHPS response category Percent: char (3) Lists the percentage for each HCAHPS measure.

#### dbo\_vwHQI\_US\_NATIONAL\_HCAHPS\_MSR

The dbo\_vwHQI\_US\_NATIONAL\_HCAHPS\_MSR table contains (4) fields. This table provides the total number nationally of patient survey topics answered.

- 1. HCAHPS Code: varchar(255) Lists HCAHPS code related to specific question and answer.
- 2. HCAHPS measures: char (100) Lists HCAHPS measures. The values for the HCAPHS measures are listed in tables at the end of this document.
- 3. HCAHPS response categories: char (50) Lists the HCAHPS response categories. The values for the HCAPHS response categories are listed in tables at the end of this document.
- 4. HCAHPS response category Percent: char (3) Lists the percentage for each HCAHPS measure.

#### dbo\_vwHQI\_HOSP\_MPV\_MSR

The dbo\_vwHQI\_HOSP\_MPV\_MSR table contains (6) fields. This table provides the average Medicare payment and number of cases for each hospital, for the top forty-six utilized Diagnosis Related Groups.

- 1. Provider Number: varchar (6) Lists the hospitals by their provider identification number.
- 2. Hospital Name: varchar (50) Lists the name of the hospital.
- 3. Diagnosis Related Group ID: varchar (3) Lists the Diagnosis Related Group ID.
- 4. Diagnosis Related Group Name: varchar (50) Lists the name of each Diagnosis Related Group.
- 5. Medicare Average Payment: varchar (5) Lists the average Medicare payment for each Diagnosis Related Group.
- 6. Number of Cases: varchar (4) Lists the number of cases for each Diagnosis Related Group where data is available (more than 11 cases).

#### dbo\_vwHQI\_STATE\_MPV\_MSR

The dbo\_vwHQI\_STATE\_MPV\_MSR table contains (5) fields. This table provides the state average Medicare payment and number of cases for the top forty-six utilized Diagnosis Related Groups.

1. State: char (2) Lists the alphabetic postal code used to identify each individual state. All fifty (50) states are listed, as well as:

- DC = Washington D.C.
- GU = Guam
- MP = Northern Mariana Islands
- PR = Puerto Rico
- VI = Virgin Islands
- 2. Diagnosis Related Group ID: varchar (3) Lists the Diagnosis Related Group ID.
- 3. Diagnosis Related Group Name: varchar (50) Lists the name of each Diagnosis Related Group.

- 4. Medicare Average Payment: varchar (20) Lists the Medicare payment range for each Diagnosis Related Group by state.
- 5. Number of Cases: varchar (4)Lists the number of cases for each Diagnosis Related Group by state.

### dbo\_vwHQI\_US\_NATIONAL\_MPV\_MSR

The dbo\_vwHQI\_UA\_NATIONAL\_MPV\_MSR table contains (4) fields. This table provides the national total Medicare payment range and number of cases for the top forty-six utilized Diagnosis Related Groups.

- 1. Diagnosis Related Group ID: varchar (3) Lists the Diagnosis Related Group ID.
- 2. Diagnosis Related Group Name: varchar (50) Lists the name of each Diagnosis Related Group.
- 3. Medicare Average Payment: varchar (13) Lists the Medicare payment range for each Diagnosis Related Group nationally.
- 4. Number of Cases: varchar (4) Lists the number of cases for each Diagnosis Related Group nationally.

**Process of Care Quality Measures Chart** Total Measures = 27 (For the complete measure specifications see the *Specifications Manual for National Hospital Quality Measures* at <u>www.qualitynet.org</u>)

| Condition ~ Acute Myocardial Infarction (Heart Attack)              | Total   | Measures = | 7       |
|---|---------|------------|---------|
| Measure   | Acronym | Add Date   | Starter |
|   |         |            | Set     |
| Patients Given Aspirin at Arrival                                   | AMI 1   | Nov        | Yes     |
|   |         | 2004       |         |
| Patients Given Aspirin at Discharge                                 | AMI 2   | Nov        | Yes     |
|   |         | 2004       |         |
| Patients Given ACE Inhibitor or ARB for Left Ventricular Systolic   | AMI 3   | Nov        | Yes     |
| Dysfunction (LVSD)  |         | 2004       |         |
| Patients Given Smoking Cessation Advice/Counseling                  | AMI 4   | Apr 2005   | No      |
| Patients Given Beta Blocker at Discharge                            | AMI 5   | Nov        | Yes     |
|   |         | 2004       |         |
| Patients Given Fibrinolytic Medication Within 30 Minutes Of Arrival | AMI 7   | Apr 2005   | No      |
| Patients Given PCI Within 90 Minutes Of Arrival                     | AMI 8   | Apr 2005   | No      |

| Condition ~ Heart Failure  | Total  | Measures =  | = 4     |
|--|--------|-------------|---------|
| Measure  | Acrony | Add         | Starter |
|  | m      | Date        | Set     |
| Patients Given ACE Inhibitor or ARB for Left Ventricular Systolic Dysfunction (LVSD) | HF 3   | Nov<br>2004 | Yes     |
| Patients Given An Evaluation of Left Ventricular Systolic (LVS)<br>Function          | HF2    | Nov<br>2004 | Yes     |
| Patients Given Discharge Instructions  | HF 1   | Apr<br>2005 | No      |
| Patients Given Smoking Cessation Advice/Counseling                                   | HF 4   | Apr<br>2005 | No      |

| Condition ~ Pneumonia   | Total  | Measures | = 7     |
|---|--------|----------|---------|
| Measure   | Acrony | Add      | Starter |
|   | m      | Date     | Set?    |
| Pneumonia Patients Assessed and Given Influenza Vaccination           | PN 7   | Dec      | No      |
|   |        | 2006     |         |
| Patients Assessed and Given Pneumococcal Vaccination                  | PN 2   | Nov      | Yes     |
|   |        | 2004     |         |
| Patients Given Initial Antibiotic(s) within 4 Hours After Arrival     | PN 5   | Nov      | Yes     |
|   |        | 2004     |         |
| Patients Given Oxygenation Assessment                                 | PN 1   | Nov      | Yes     |
|   |        | 2004     |         |
| Patients Given Smoking Cessation Advice/Counseling                    | PN 4   | Apr      | No      |
|   |        | 2005     |         |
| Patients Given the Most Appropriate Initial Antibiotic(s)             | PN 6   | Sep      | No      |
|   |        | 2005     |         |
| Patients Whose Initial Emergency Room Blood Culture Was Performed     | PN 3   | Apr      | No      |
| Prior to the Administration of the First Hospital Dose of Antibiotics |        | 2005     |         |

| Condition ~ Surgical Care Improvement/Surgical Infection Prevention (SCIP) Total Measures = 7 |         |      |         |  |
|---|---------|------|---------|--|
| Measure   | Acronym | Add  | Starter |  |
|   | -       | Date | Set?    |  |
| Surgery Patients Who Received Preventative Antibiotic(s) One Hour                             | SCIP 1  | Sep  | No      |  |
| Before Incision   |         | 2005 |         |  |
| Percent of Surgery Patients who Received the Appropriate Preventative                         | SCIP 2  | Jun  | No      |  |
| Antibiotic(s) for Their Surgery   |         | 2007 |         |  |
| Surgery Patients Whose Preventative Antibiotic(s) are Stopped Within                          | SCIP 3  | Sep  | No      |  |
| 24 hours After Surgery  |         | 2005 |         |  |
| Surgery Patients Whose Doctors Ordered Treatments to Prevent                                  | SCIP    | Dec  | No      |  |
| Blood Clots (Venous Thromboembolism) For Certain Types of                                     | VTE 1   | 2007 |         |  |
| Surgeries   |         |      |         |  |
| Surgery Patients Who Received Treatment To Prevent Blood Clots                                | SCIP    | Dec  | No      |  |
| Within 24 Hours Before or After Selected Surgeries to Prevent Blood                           | VTE 2   | 2007 |         |  |
| Clots   |         |      |         |  |
| Cardiac Surgery Patients With Controlled 6 A.M. Postoperative Blood                           | SCIP 4  | Dec  | No      |  |
| Glucose   |         | 2008 |         |  |
| Surgery Patients with Appropriate Hair Removal  | SCIP 6  | Dec  | No      |  |
|   |         | 2008 |         |  |

| Children's Asthma Care Total Measures = 2                           |         |      |       |
|---|---------|------|-------|
| Measure   | Acronym | Add  | Start |
|   |         | Date | er    |
|   |         |      | Set   |
| Percent of Children Who Received Reliever Medication While          | CAC 1   | Aug  | No    |
| Hospitalized for Asthma   |         | 2008 |       |
| Percent of Children Who Received Systemic Corticosteroid Medication | CAC 2   | Aug  | No    |
| (oral and IV Medication That Reduces Inflammation and Controls      |         | 2008 |       |
| Symptoms) While Hospitalized for Asthma                             |         |      |       |

### **Outcome Quality Measures Chart** Total Measures = 3

| Condition ~ Acute Myocardial Infarction (Heart Attack)                        |          |         |
|---|----------|---------|
| Measure   | Add Date | Starter |
|   |          | Set?    |
| Hospital 30-Day Death (Mortality) Rates from Heart Attack Compared to US Rate | Jun 2007 | No      |

| Condition ~ Heart Failure  |          |         |
|--|----------|---------|
| Measure  | Add Date | Starter |
|  |          | Set?    |
| Hospital 30-Day Death (Mortality) Rates from Heart Failure Compared to US Rate | Jun 2007 | No      |

| Condition ~ Pneumonia  |          |         |
|--|----------|---------|
| Measure  | Add Date | Starter |
|  |          | Set?    |
| Hospital 30-Day Death (Mortality) Rates from Pneumonia Compared to US Rate | Aug      | No      |
|  | 2008     |         |

| Q<br>No. | HCAHPS Topic Text   | HCAHPS Answer Description   | HCAHPS Code       | Add<br>Date |
|----------|---|---|-------------------|-------------|
| 1        | How do patients rate the hospital overall?                                  | Patients who gave a rating of 6 or lower (low)                      | H_HSP_RATING_0_6  | Mar 08      |
| 1        | How do patients rate the hospital overall?                                  | Patients who gave a rating of 7 or 8<br>(medium)                    | H_HSP_RATING_7_8  | Mar 08      |
| 1        | How do patients rate the hospital overall?                                  | Patients who gave a rating of 9 or 10<br>(high)                     | H_HSP_RATING_9_10 | Mar 08      |
| 2        | How often did doctors communicate well with patients?                       | Doctors always communicated well                                    | H_COMP_2_A_P      | Mar 08      |
| 2        | How often did doctors communicate well with patients?                       | Doctors sometimes or never communicated well                        | H_COMP_2_SN_P     | Mar 08      |
| 2        | How often did doctors communicate well with patients?                       | Doctors usually communicated well                                   | H_COMP_2_U_P      | Mar 08      |
| 3        | How often did nurses communicate well with patients?                        | Nurses always communicated well                                     | H_COMP_1_A_P      | Mar 08      |
| 3        | How often did nurses communicate well with patients?                        | Nurses sometimes or never<br>communicated well                      | H_COMP_1_SN_P     | Mar 08      |
| 3        | How often did nurses communicate well with patients?                        | Nurses usually communicated well                                    | H_COMP_1_U_P      | Mar 08      |
| 4        | How often did patients receive help quickly from hospital staff?            | Patients always received help as soon as they wanted                | H_COMP_3_A_P      | Mar 08      |
| 4        | How often did patients receive help quickly from hospital staff?            | Patients sometimes or never received<br>help as soon as they wanted | H_COMP_3_SN_P     | Mar 08      |
| 4        | How often did patients receive help quickly from hospital staff?            | Patients usually received help as soon as they wanted               | H_COMP_3_U_P      | Mar 08      |
| 5        | How often did staff explain about medicines before giving them to patients? | Staff always explained  | H_COMP_5_A_P      | Mar 08      |
| 5        | How often did staff explain about medicines before giving them to patients? | Staff sometimes or never explained                                  | H_COMP_5_SN_P     | Mar 08      |
| 5        | How often did staff explain about medicines before giving them to patients? | Staff usually explained   | H_COMP_5_U_P      | Mar 08      |
| 6        | How often was patients' pain well controlled?                               | Pain was always well controlled                                     | H_COMP_4_A_P      | Mar 08      |
| 6        | How often was patients' pain well controlled?                               | Pain was sometimes or never well controlled                         | H_COMP_4_SN_P     | Mar 08      |
| 6        | How often was patients' pain well controlled?                               | Pain was usually well controlled                                    | H_COMP_4_U_P      | Mar 08      |
| 7        | How often was the area around patients' rooms kept quiet at night?          | Always quiet at night   | H_QUIET_HSP_A_P   | Mar 08      |

### Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) measures

| Q<br>No. | HCAHPS Topic Text   | HCAHPS Answer Description  |                  | Add<br>Date |
|----------|---|--|------------------|-------------|
| 7        | How often was the area around patients' rooms kept quiet at night?                    | Sometimes or never quiet at night  | H_QUIET_HSP_SN_P | Mar 08      |
| 7        | How often was the area around patients' rooms kept quiet at night?                    | Usually quiet at night   | H_QUIET_HSP_U_P  | Mar 08      |
| 8        | How often were the patients' rooms and bathrooms kept clean?                          | Room was always clean  | H_CLEAN_HSP_A_P  | Mar 08      |
| 8        | How often were the patients' rooms and bathrooms kept clean?                          | Room was sometimes or never clean  | H_CLEAN_HSP_SN_P | Mar 08      |
| 8        | How often were the patients' rooms and bathrooms kept clean?                          | Room was usually clean   | H_CLEAN_HSP_U_P  | Mar 08      |
| 9        | Were patients given information<br>about what to do during their<br>recovery at home? | No, staff did not give patients this information   | H_COMP_6_N_P     | Mar 08      |
| 9        | Were patients given information<br>about what to do during their<br>recovery at home? | Yes, staff did give patients this information  | H_COMP_6_Y_P     | Mar 08      |
| 10       | Would patients recommend the hospital to friends and family?                          | NO, patients would not recommend the<br>hospital (they probably would not or<br>definitely would not recommend it) | H_RECMND_DN      | Mar 08      |
| 10       | Would patients recommend the hospital to friends and family?                          | YES, patients would definitely recommend the hospital  | H_RECMND_DY      | Mar 08      |
| 10       | Would patients recommend the hospital to friends and family?                          | YES, patients would probably recommend the hospital  | H_RECMND_PY      | Mar 08      |

## Top Forty-Six Diagnosis Related Group Chart

|    | Diagnosis Related Group DRG Name                                     | DRG ID | Add Date |
|----|--|--------|----------|
| 1  | Heart Attack without Complications                                   | 122    | Mar 08   |
| 2  | Heart Attack with Major Complications                                | 121    | Mar 08   |
| 3  | Heart Failure  | 127    | Mar 08   |
| 4  | Chronic Lung Disease   | 088    | Mar 08   |
| 5  | Pneumonia and Pleurisy in Adults With Complications or Preexisting   | 089    | Mar 08   |
|    | Conditions   |        |          |
| 6  | Diabetes in Adults   | 294    | Mar 08   |
| 7  | Chest Pain   | 143    | Mar 08   |
| 8  | Angioplasty Procedures and Insertion of Drug Coated Stent into Heart | 558    | Mar 08   |
|    | Artery   |        |          |
| 9  | Heart Bypass Surgery   | 550    | Mar 08   |
| 10 | Heart Bypass Surgery with Complications or Preexisting Conditions    | 549    | Mar 08   |
| 11 | Heart Valve Operations   | 105    | Mar 08   |
| 12 | Insertion of Heart Defibrillator                                     | 515    | Mar 08   |
| 13 | Insertion of Heart Defibrillator with Examination of Heart through a | 536    | Mar 08   |
|    | Catheter   |        |          |
| 14 | Pacemaker Implant  | 552    | Mar 08   |

| 15  | Major Heart and Blood Vessel Procedures with Complications or Preexisting<br>Conditions | 110  | Mar 08     |
|-----|---|------|------------|
| 16  | Head and Neck Blood Vessel Operations   | 534  | Mar 08     |
| 17  | Gallbladder Removal By Laparoscope  | 494  | Mar 08     |
| 18  | Gallbladder Removal by Laparoscope with Complications or Preexisting                    | 493  | Mar 08     |
|     | Conditions  |      |            |
| 19  | Gallbladder Removal Except By (non) Laparoscope with Complications or                   | 197  | Mar 08     |
| -   | Preexisting Conditions  |      |            |
| 20  | Hernia Operations in Adults   | 160  | Mar 08     |
| 21  | Hernia Operations in Adults with Complications or Preexisting Conditions                | 159  | Mar 08     |
| 22  | Major Small & Large Intestine Operations  | 149  | Mar 08     |
| 23  | Stomach and Esophagus Operations In Adults With Complications or                        | 567  | Mar 08     |
|     | Preexisting Conditions with Major Gastrointestinal Condition                            |      |            |
| 24  | Stomach and Esophagus Operations In Adults With Complications or                        | 568  | Mar 08     |
|     | Preexisting Conditions without Major Gastrointestinal Condition                         |      |            |
| 25  | Major Small and Large Intestine Operations with Complications or                        | 569  | Mar 08     |
|     | Preexisting Conditions with Major Gastrointestinal Condition                            |      |            |
| 26  | Major Small and Large Intestine Operations with Complications or                        | 570  | Mar 08     |
|     | Preexisting Conditions without Major Gastrointestinal Condition                         |      |            |
| 27  | Back Fusion to Join Spine Bones, not Neck   | 498  | Mar 08     |
| 28  | Back Fusion to Join Spine Bones, not Neck, with Complications or                        | 497  | Mar 08     |
| _0  | Preexisting Conditions  | .,,  | 1.1.1.1.00 |
| 29  | Neck Fusion to Join Neck Bones  | 520  | Mar 08     |
| 30  | Neck Fusion to Join Bones with Complications or Preexisting Conditions                  | 519  | Mar 08     |
| 31  | Back & Neck Operations Except Back or Neck Fusion                                       | 500  | Mar 08     |
| 32  | Back & Neck Operations Except Back or Neck Fusion with Complications                    | 499  | Mar 08     |
|     | or Preexisting Conditions   | .,,, | 1.1.1.1.00 |
| 33  | Major Arm & Shoulder Operations with Complications or Preexisting                       | 223  | Mar 08     |
|     | Conditions  |      |            |
| 34  | Replacement of Hip, Knee or Ankle or Reattachment of Thigh, Foot or                     | 544  | Mar 08     |
| -   | Ankle   | -    |            |
| 35  | Repair of Previous Hip or Knee Replacement  | 545  | Mar 08     |
| 36  | Two or More Hip, Knee or Ankle Operations   | 471  | Mar 08     |
| 37  | Other Bone, Joint & Organ Operations with Complications or Preexisting                  | 233  | Mar 08     |
|     | Conditions  |      |            |
| 38  | Sample of Bone Removed for Evaluation of Cancer, Infections or Other                    | 216  | Mar 08     |
|     | Bone Disorders  |      | 1.1.1.1.00 |
| 39  | Kidney and Bladder Operations for Cancer  | 303  | Mar 08     |
| 40  | Kidney and Bladder Operations with Complications or Preexisting                         | 304  | Mar 08     |
|     | Conditions  |      | 11111 00   |
| 41  | Other Kidney & Urinary Tract Operations   | 315  | Mar 08     |
| 42  | Other Bladder Operations Via the Urethra with Complications or Preexisting              | 310  | Mar 08     |
| . – | Conditions  |      |            |
| 43  | Removal of Prostate Via Urethra   | 337  | Mar 08     |
| 44  | Removal of Prostate Via Urethra with Complications or Preexisting                       | 336  | Mar 08     |
|     | Conditions  |      | 11111 00   |
|     |   | 356  | Mar 08     |
| 45  | Female Reproductive System Reconstructive Operations                                    | 110  | VIATUX     |

Hospital Compare Downloadable Database