

National Hospital Quality Measure Verification Process (Joint Commission Performance Measurement Systems Only)

Introduction

The national hospital quality measure verification process is used to determine whether a measurement system correctly embeds national hospital quality measures into its system according to the *Specifications Manual for National Hospital Quality Measures*. Components that will be tested include: the measure algorithm calculations that determine measure category assignments; risk adjustment calculations; and data collection tools used for national hospital quality measures.

- The first component involves determining the *Measure Category Assignments* for fictitious patient level records (i.e., test cases). *Measure Category Assignments* represent the result or outcome after processing a patient-level record through a measure algorithm (e.g., case assigned to numerator population, case contains missing or invalid data which prevents assignment to the measure population, etc.). The ability to handle missing and invalid data correctly also will be tested in the verification process (for details refer to the Missing and Invalid Data section of this manual). Measurement systems must correctly verify all measures in a national hospital quality measure set in order to offer that set to their customers. (See the Calculating Rates and Measurements section for more details regarding *Measure Category Assignments*.)
- The second component of verification involves the application of risk adjustment information to the test cases to yield risk-adjusted data (applicable to risk adjusted measures only). (See the Risk Adjustment section for additional details on risk adjusting measures)
- The third component of verification involves examining the data collection tool and user documentation used to collect national hospital quality measure data to ensure that it is consistent with the specifications provided in the *Specifications Manual for National Hospital Quality Measures*. Measurement systems will submit a copy or provide access to their national hospital quality measure tool following completion of the measure category assignment and risk adjustment portion of verification. Measurement systems will also provide a description of the data flow process to determine how data is processed from the data collection tool to the algorithms. The data flow process submitted during verification must closely resemble the measurement system's actual system for processing national hospital quality measures.

Overview of the Verification Process

Verification is required for every measure within a national hospital quality measure set that the measurement system intends to offer to its clients. To prepare for the verification process the measurement system must use the specifications outlined in this manual to embed the national hospital quality measures into its system. It is important to read all sections of this manual to successfully pass verification. The schedule for algorithm verification and data collection tool evaluation for the aligned measures will be communicated to ORYX® measurement systems via the Joint Commission's listserv. Questions about verification should be directed to coreverify@jcaho.org.

Process to Complete National Hospital Quality Measure Verification

1. Listed measurement system has an executed current contract and rider.
2. Joint Commission releases specifications for new or significantly modified national hospital quality measures and/or measure sets.
3. Measurement system embeds national hospital quality measures per the technical specifications detailed in the *Specifications Manual for National Hospital Quality Measures* and any accompanying release notes.
- 4a. Full algorithm verification (required for new national hospital quality measure sets) –
Full algorithm verification is required for new national hospital quality measure sets and for existing national hospital quality measure sets that have undergone significant modifications. Full verification is also required for systems that have not previously verified a specific national hospital quality measure set. The measurement system is strongly encouraged to perform preliminary checks on its systems using the sample test cases available on the Performance Measurement System Extranet Track (PET).

The measurement system downloads the verification test cases (i.e., fictitious patient level data) posted on PET and processes the test cases through the system's algorithms. The measurement system uploads the test case results including measure category assignments, calculated rates, and risk-adjusted results to PET **within 48 HOURS** of downloading the verification test case batch. Verification results must be submitted using the format provided later in this section. If errors occur on a specific batch of test cases, the system will be required to correct the discrepancies and resubmit results for that batch. Verification is complete for a national hospital quality measure set when a measurement system returns test case results with no errors on the first attempt. (Each measurement system will have a maximum of 10 working days to process 3 unique test case batches to complete verification per measure set.) Systems that fail three (3) unique batches of test cases will need to re-verify at a later date based on scheduling availability. It is the Joint Commission's expectation that a system is prepared when they enter the verification process and are able to successfully complete the process within the allotted time limit. The Joint Commission provides results for full algorithm verification to the measurement system designated measurement system contact via email.
- 4b. Re-verification (required for previously verified national hospital quality measure sets) –
Re-verification is the process where systems re-check their embedding of national hospital quality measures by running Joint Commission provided test cases through the systems' embedded algorithms and comparing results to the Joint Commission-provided answer key. A system completes re-verification for a specific national hospital quality measure set by matching its calculated results to the Joint Commission-provided answer key and by submitting a standard attestation form. Algorithm re-verification is complete when the primary contact returns a signed attestation form to the Joint Commission signifying the specific national hospital quality measure sets that have been re-verified.

Data collection tool evaluation

5. Following successful completion of algorithm verification, the measurement system must submit its data collection tool or provide access to the data collection tool used to collect national hospital quality measure data. The tool(s) are examined to determine that they are consistent with the specifications. The national hospital quality measure data collection tool review is based on the materials provided to the Joint Commission at the time of the evaluation. The system will also provide a description of the data flow process to determine how data is processed from the data collection tool to the algorithms. In order to help understand the data collection process and how the tool is used, each system will provide a short description of the data flow process, (i.e., a summary for how the cases are identified, entered into the data collection tool, processed through the algorithms up to the creation of the X-12 files).
6. Once the review has been completed, the Joint Commission will notify the measurement system about the results of the national hospital quality measure data collection tool evaluation, supporting documentation and results from examining the data flow process. Measurement systems will be expected to correct processes that are determined to be inconsistent with the *Specifications Manual for National Hospital Quality Measures*, Release Notes, or ORYX Technical Implementation Guide. In addition, if a client healthcare organization has used a tool that was determined to be inconsistent with Joint Commission national hospital quality measure specifications, the health care organization may be required to review and/or recollect data that had issues.

Subsequent verification for added or significantly modified national hospital quality measures

7. This process is iterative. In order to continue to offer the national hospital quality measure sets to their ORYX clients, measurement systems will be required to verify existing measure sets after new measures are added or existing measure algorithms are modified significantly. The timeframe for measurement systems to make and implement changes will be determined based on the complexity of the changes needed.

Front-end Filters and Verification

The ability to track and monitor episode of care (EOC) records with missing/invalid general data elements is important. National hospital quality measures will require the ability to count and submit to the Joint Commission, new Health Care Organization (HCO) level data elements designed to capture the number of records that are excluded from a measure's analysis due to data issues. Systems that have front-end data filters will be required to choose one of two options for handling missing or invalid general data elements. Currently these systems examine and may reject EOC records with missing and/or invalid general data elements and prevent these records from proceeding to algorithm processing. National hospital quality measure verification provides two ways to identify and handle EOC records with missing/invalid general data elements:

Option 1: Use the Missing/Invalid data category assignments described in the Missing and Invalid Data section of this manual to identify EOC records with missing or invalid data for each national hospital quality measure.

Note: Systems that have front-end filters must be able to retain the number of records that were excluded.

Option 2: For systems with front-end data filters, EOCs with missing or invalid values for a subset of the general data elements (i.e., *Admission Date*, *Birthdate*, *Discharge Date* and *ICD-9-CM Principal Diagnosis Code*) can be excluded from algorithm processing if the measurement system is able to count and transmit the number of EOC records that were unresolved and excluded due to general data element data issues (i.e., add the number of records that were excluded to the *Number of Cases with Missing or Invalid Population Data*). The ability to count the number of EOC records that were excluded due to missing or invalid population data is a requirement and must be submitted with the HCO-level transmission data elements.

The method to track *Number of Cases with Missing or Invalid Numerator Data* and *Number of Cases with Missing or Invalid Risk Adjustment Data* is the same for both option #1 and option #2 and will be calculated using the missing/invalid data category assignments. Each system must have a process to track these two data elements as well as initial population size both for algorithm verification and national implementation. With the exception of SIP measures, the method used to track the number of records in the measure population (i.e., *ICD Population Size*) prior to filters, exclusions and/or sampling is the same for option #1 and option #2. For SIP measures, the process of tracking missing data differs in that the principal and other ICD-9-CM procedure codes (not diagnosis codes) are used to calculate *ICD Population Size*. For further information, refer to the Data Dictionary section of this manual.

Submitting Verification Results

Verification will be administered using PET. The Joint Commission will utilize PET to make available any schedules and materials necessary for completing verification activities. Systems will be notified of verification updates via the Joint Commission's measurement listserv.

Verification is required for every measure within a national hospital quality measure set that the measurement system intends to offer. For each national hospital quality measure set, verification results must be submitted, in the specified format, within 48 hours of downloading test files.

Verification Results File Format

The comma-delimited verification results file formats are discussed below. Measurement systems will submit two separate results files (EOC level and HCO level).

The test cases are based on fictional data. HCO-level data will be “created” by assuming that all the test cases came from the same health care organization. Thus, the aggregated patient-level test case data will represent a fictitious health care organization.

Note: The verification results file formats will be the same for both proportion (rate-based) and continuous variable measures. The use or non-use of specific columns will vary by measure type. For example, proportion (rate-based) measures do not have a value for measurement, so this column should be left blank for proportion (rate-based) measures.

Contents of EOC file:

	Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7	Position 8	Position 9
Data element	Performance Measure Identifier	Case Identifier	Measure Category Assignment*	Risk Adjustment Category Assignment** (For risk adjusted measures) [e.g.,AMI-9, PR-1, PR-2, PR-3]	Measurement Value (For continuous measures only) [e.g., AMI-7, AMI-8, PN-5]	Risk Adjusted Rate (For rate-based measures that are risk adjusted) [e.g., AMI-9]	Risk Adjusted Value (For continuous variable measures that are risk-adjusted) [future use]	Performance Measurement System Identifier	Testcase Batch Number
Data Source	Joint Commission assigned	Joint Commission assigned	PMS calculated results for the test case	PMS calculated results for the test case	PMS calculated result for the test case	PMS calculated. Include 6 decimal places.	PMS calculated. Include 6 decimal places	Joint Commission assigned	Joint Commission assigned

* Measure Category Assignments are discussed in the Data Dictionary Section. Briefly, they are:

A = case contains missing or invalid data which prevents assignment to the measure population

B = case does not belong in the measure population

C = case is in the measure population, but contains missing or invalid data which prevents assignment to the numerator population

D = case is in the measure population

E = case is in the numerator population

** Risk Adjustment Category Assignments are discussed in the Data Dictionary Section. Briefly, they are:

F = case contains missing or invalid data risk factor data elements

G = case contains all required risk factor data elements

Example of EOC level results file **EOC9999-01.CSV**:

Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7	Position 8	Position 9
Performance Measure Identifier	Case Identifier	Category Assignment	Risk Adjustment Category Assignment	Measurement	Risk Adjusted Rate	Risk Adjusted Value	Performance Measurement System Identifier	Testcase Batch Number
14226	1	D		28			9999-01	5
14226	2	D		104			9999-01	5
14228	3	D					9999-01	5
14228	4	B					9999-01	5
14231	5	E					9999-01	5
14232	6	D					9999-01	5
14233	7	D	G		0.046143		9999-01	5
14233	8	E	G		0.344517		9999-01	5
14234	9	A					9999-01	5
14441	10	C					9999-01	5
14442	11	C					9999-01	5
14444	12	D		322			9999-01	5
14445	13	A					9999-01	5
14547	14	E					9999-01	5
14548	15	E	G		0.617512		9999-01	5
14555	16	E	G		0.061234		9999-01	5

Note: EOC and HCO results files are submitted to the Joint Commission in .CSV format. This example is presented in spreadsheet format so that the data in the example are easier to read. For positions 4-7, if no values exists submit a null (i.e., ‘,,’).

Contents of HCO file:

Format	Position 1	Position 2 (rate-based)	Position 3 (continuous)	Position 4 (rate-based)	Position 5 (continuous)	Position 6 (rate-based and continuous)	Position 7 (rate-based)	Position 8 (continuous)	Position 9	Position 10
Data Element	Performance Measure Identifier	Observed Rate (For the HCO)	Mean of all Case-Level Observed Values	Number of Denominator Cases (For the HCO)	Number of Cases	ICD Population Size	Risk Adjusted Rate (For the HCO) [where applicable]	Mean of all Case-Level Risk-Adjusted Values (For the HCO) [where applicable]	Performance Measurement System Identifier	Testcase Batch Number
Source	Joint Commission assigned	PMS calculated (see <i>ORYX Technical Impl. Guide</i>)	PMS calculated (see <i>ORYX Technical Impl. Guide</i>)	PMS calculated (see <i>ORYX Technical Impl. Guide</i>)	PMS calculated (see <i>ORYX Technical Impl. Guide</i>)	PMS calculated (see <i>ORYX Technical Impl. Guide</i>)	PMS calculated (see <i>ORYX Technical Impl. Guide</i>)	PMS calculated (see <i>ORYX Technical Impl. Guide</i>)	Joint Commission assigned	Joint Commission assigned

Note: The statistical formulas used to calculate the HCO-level data elements for continuous variable measures differ from the statistical formulas used for rate-based measures. For more information, refer to the ORYX® Technical Implementation Guide. EOC and HCO results files for the algorithm verification process are submitted to the Joint Commission in .CSV format.

Example of HCO level verification results file HCO9999-01.CSV:

Performance Measure Identifier	Observed Rate (for the HCO)	Mean of all Case-Level Observed Values	Number of Denominator Cases (For the HCO)	Number of Cases	ICD Population Size	Risk Adjusted Rate (For the HCO)	Mean of All Case-Level Risk Adjusted Values (For the HCO)	Performance Measurement System Identifier	Testcase Batch Number
14226		47.333333		27	52			9999-01	5
14227		116.666667		31	52			9999-01	5
14228	0.764571		34		52			9999-01	5
14229	0.549834		25		52			9999-01	5
14230	0.643295		33		52			9999-01	5
14231	0.695426		21		52			9999-01	5
14232	0.458924		46		52			9999-01	5
14233	0.096523		32		52	0.067842		9999-01	5
14234	0.716452		42		52			9999-01	5
14441	0.896552		29		35			9999-01	5
14442	0.642857		14		35			9999-01	5
14443	0.761905		21		35			9999-01	5
14444		275.351356		26	35			9999-01	5
14445	0.333333		6		35			9999-01	5
14446	0.250000		4		4			9999-01	5
14547	0.218750		32		32	0.213246		9999-01	5
14548	0.009091		110		115	0.007835		9999-01	5
14555	0.070422		71		73	0.061612		9999-01	5

Note: EOC and HCO results files are submitted to the Joint Commission in .CSV format. This example is presented in spreadsheet format so that the data in the example are easier to read.

Test Cases

Introduction

The Joint Commission will provide test cases for verification purposes at the scheduled time on PET and notify measurement systems via listserv. Test cases are fictitious patient-level data that are used to examine one or more aspects of a national hospital quality measure algorithm. For each measure set, a separate group of test cases will be used in the verification process to determine whether measurement systems have embedded the measures according to specifications. The expected results for a test case include: 1) the measure outcome when the test case is processed through a measure calculation algorithm, and 2) for risk adjusted measures, the risk adjusted rate/value that results from applying a statistical model and associated model coefficients to a test case. Measurement systems that intend to embed national hospital quality measures will be required to produce the expected results for the Joint Commission test cases in the verification process.

Format and Distribution

The patient level test cases used for the measure algorithm verification process will be provided by the Joint Commission to participating measurement systems in a comma-delimited file (.CSV). The test case format will be unique for each measure set. For example, the data elements and layout for acute myocardial infarction (AMI) are different from the data elements and layout for heart failure (HF), pneumonia (PN) or Pregnancy and Related Conditions (PR).

The data element layout and format are listed below:

Patient-Level Test Case File Format for AMI

Position	Data Element Name	Data Element Length	Format Type
1	<i>Health Care Organization Identifier</i>	10	Numeric
2	<i>Case Identifier</i>	9	Numeric
3	<i>Admission Date</i>	10	Date
4	<i>Admission Source</i>	1	Alphanumeric
5	<i>Admission Type</i>	1	Alphanumeric
6	<i>Birthdate</i>	10	Date
7	<i>Discharge Date</i>	10	Date
8	<i>Discharge Status</i>	2	Alphanumeric
9	<i>ICD-9-CM Principal Diagnosis Code</i>	6	Alphanumeric
10	<i>ICD-9-CM Other Diagnosis Code 1</i>	6	Alphanumeric
11	<i>ICD-9-CM Other Diagnosis Code 2</i>	6	Alphanumeric
12	<i>ICD-9-CM Other Diagnosis Code 3</i>	6	Alphanumeric
13	<i>ICD-9-CM Other Diagnosis Code 4</i>	6	Alphanumeric
14	<i>ICD-9-CM Other Diagnosis Code 5</i>	6	Alphanumeric
15	<i>ICD-9-CM Other Diagnosis Code 6</i>	6	Alphanumeric
16	<i>ICD-9-CM Other Diagnosis Code 7</i>	6	Alphanumeric
17	<i>ICD-9-CM Other Diagnosis Code 8</i>	6	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
18	<i>ICD-9-CM Other Diagnosis Code 9</i>	6	Alphanumeric
19	<i>ICD-9-CM Other Diagnosis Code 10</i>	6	Alphanumeric
20	<i>ICD-9-CM Other Diagnosis Code 11</i>	6	Alphanumeric
21	<i>ICD-9-CM Other Diagnosis Code 12</i>	6	Alphanumeric
22	<i>ICD-9-CM Other Diagnosis Code 13</i>	6	Alphanumeric
23	<i>ICD-9-CM Other Diagnosis Code 14</i>	6	Alphanumeric
24	<i>ICD-9-CM Other Diagnosis Code 15</i>	6	Alphanumeric
25	<i>ICD-9-CM Principal Procedure Code</i>	5	Alphanumeric
26	<i>ICD-9-CM Other Procedure Code 1</i>	5	Alphanumeric
27	<i>ICD-9-CM Other Procedure Code 2</i>	5	Alphanumeric
28	<i>ICD-9-CM Other Procedure Code 3</i>	5	Alphanumeric
29	<i>ICD-9-CM Other Procedure Code 4</i>	5	Alphanumeric
30	<i>ICD-9-CM Other Procedure Code 5</i>	5	Alphanumeric
31	<i>ICD-9-CM Principal Procedure Date</i>	10	Date
32	<i>ICD-9-CM Other Procedure Date 1</i>	10	Date
33	<i>ICD-9-CM Other Procedure Date 2</i>	10	Date
34	<i>ICD-9-CM Other Procedure Date 3</i>	10	Date
35	<i>ICD-9-CM Other Procedure Date 4</i>	10	Date
36	<i>ICD-9-CM Other Procedure Date 5</i>	10	Date
37	<i>Sex</i>	1	Alphanumeric
38	<i>Postal Code</i>	9	Alphanumeric
39	<i>Arrival Date</i>	10	Date
40	<i>Arrival Time</i>	5	Time
41	<i>Transfer From Another ED</i>	1	Alphanumeric
42	<i>Aspirin Received Within 24 Hours, Before or After Hospital Arrival</i>	1	Alphanumeric
43	<i>Contraindication to Aspirin on Arrival</i>	1	Alphanumeric
44	<i>Contraindication to Aspirin at Discharge</i>	1	Alphanumeric
45	<i>Contraindication to Beta Blocker on Arrival</i>	1	Alphanumeric
46	<i>Contraindication to Beta Blocker at Discharge</i>	1	Alphanumeric
47	<i>Contraindication to ACEI at Discharge</i>	1	Alphanumeric
48	<i>LVSD</i>	1	Alphanumeric
49	<i>Beta Blocker Received Within 24 Hours After Hospital Arrival</i>	1	Alphanumeric
50	<i>Thrombolytic Administration</i>	1	Alphanumeric
51	<i>Aspirin Prescribed at Discharge</i>	1	Alphanumeric
52	<i>Beta Blocker Prescribed at Discharge</i>	1	Alphanumeric
53	<i>ACEI Clinical Trial</i>	1	Alphanumeric
54	<i>ACEI Prescribed at Discharge</i>	1	Alphanumeric
55	<i>Thrombolytic Administration Date</i>	10	Date
56	<i>Thrombolytic Administration Time</i>	5	Time
57	<i>First PCI Date</i>	10	Date

Position	Data Element Name	Data Element Length	Format Type
58	<i>First PCI Time</i>	5	Time
59	<i>Initial ECG Interpretation</i>	1	Alphanumeric
60	<i>Adult Smoking Counseling</i>	1	Alphanumeric
61	<i>Adult Smoking History</i>	1	Alphanumeric
62	<i>Performance Measurement System Identifier</i>	7	Alphanumeric
63	<i>Testcase Batch Number</i>	10	Numeric

Patient-Level Test Case File Format for HF

Position	Data Element Name	Data Element Length	Format Type
1	<i>Health Care Organization Identifier</i>	10	Numeric
2	<i>Case Identifier</i>	9	Numeric
3	<i>Admission Date</i>	10	Date
4	<i>Admission Source</i>	1	Alphanumeric
5	<i>Admission Type</i>	1	Alphanumeric
6	<i>Birthdate</i>	10	Date
7	<i>Discharge Date</i>	10	Date
8	<i>Discharge Status</i>	2	Alphanumeric
9	<i>ICD-9-CM Principal Diagnosis Code</i>	6	Alphanumeric
10	<i>ICD-9-CM Other Diagnosis Code 1</i>	6	Alphanumeric
11	<i>ICD-9-CM Other Diagnosis Code 2</i>	6	Alphanumeric
12	<i>ICD-9-CM Other Diagnosis Code 3</i>	6	Alphanumeric
13	<i>ICD-9-CM Other Diagnosis Code 4</i>	6	Alphanumeric
14	<i>ICD-9-CM Other Diagnosis Code 5</i>	6	Alphanumeric
15	<i>ICD-9-CM Other Diagnosis Code 6</i>	6	Alphanumeric
16	<i>ICD-9-CM Other Diagnosis Code 7</i>	6	Alphanumeric
17	<i>ICD-9-CM Other Diagnosis Code 8</i>	6	Alphanumeric
18	<i>ICD-9-CM Other Diagnosis Code 9</i>	6	Alphanumeric
19	<i>ICD-9-CM Other Diagnosis Code 10</i>	6	Alphanumeric
20	<i>ICD-9-CM Other Diagnosis Code 11</i>	6	Alphanumeric
21	<i>ICD-9-CM Other Diagnosis Code 12</i>	6	Alphanumeric
22	<i>ICD-9-CM Other Diagnosis Code 13</i>	6	Alphanumeric
23	<i>ICD-9-CM Other Diagnosis Code 14</i>	6	Alphanumeric
24	<i>ICD-9-CM Other Diagnosis Code 15</i>	6	Alphanumeric
25	<i>ICD-9-CM Principal Procedure Code</i>	5	Alphanumeric
26	<i>ICD-9-CM Other Procedure Code 1</i>	5	Alphanumeric
27	<i>ICD-9-CM Other Procedure Code 2</i>	5	Alphanumeric
28	<i>ICD-9-CM Other Procedure Code 3</i>	5	Alphanumeric
29	<i>ICD-9-CM Other Procedure Code 4</i>	5	Alphanumeric
30	<i>ICD-9-CM Other Procedure Code 5</i>	5	Alphanumeric
31	<i>ICD-9-CM Principal Procedure Date</i>	10	Date
32	<i>ICD-9-CM Other Procedure Date 1</i>	10	Date
33	<i>ICD-9-CM Other Procedure Date 2</i>	10	Date
34	<i>ICD-9-CM Other Procedure Date 3</i>	10	Date
35	<i>ICD-9-CM Other Procedure Date 4</i>	10	Date
36	<i>ICD-9-CM Other Procedure Date 5</i>	10	Date
37	<i>Sex</i>	1	Alphanumeric
38	<i>Postal Code</i>	9	Alphanumeric
39	<i>Discharge Instructions Address Medications</i>	1	Alphanumeric
40	<i>Discharge Instructions Address Weight Monitoring</i>	1	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
41	<i>Discharge Instructions Address Diet</i>	1	Alphanumeric
42	<i>Discharge Instructions Address Activity</i>	1	Alphanumeric
43	<i>Discharge Instructions Address Follow-up</i>	1	Alphanumeric
44	<i>Discharge Instructions Address Symptoms Worsening</i>	1	Alphanumeric
45	<i>LVF Assessment</i>	1	Alphanumeric
46	<i>LVSD</i>	1	Alphanumeric
47	<i>ACEI Prescribed at Discharge</i>	1	Alphanumeric
48	<i>ACEI Clinical Trial</i>	1	Alphanumeric
49	<i>Contraindication to ACEI at Discharge</i>	1	Alphanumeric
50	<i>Adult Smoking History</i>	1	Alphanumeric
51	<i>Adult Smoking Counseling</i>	1	Alphanumeric
52	<i>Performance Measurement System Identifier</i>	7	Alphanumeric
53	<i>Testcase Batch Number</i>	10	Numeric

Patient-Level Test Case File Format for PN

Position	Data Element Name	Data Element Length	Format Type
1	<i>Health Care Organization Identifier</i>	10	Numeric
2	<i>Case Identifier</i>	9	Numeric
3	<i>Admission Date</i>	10	Date
4	<i>Admission Source</i>	1	Alphanumeric
5	<i>Admission Type</i>	1	Alphanumeric
6	<i>Birthdate</i>	10	Date
7	<i>Discharge Date</i>	10	Date
8	<i>Discharge Status</i>	2	Alphanumeric
9	<i>ICD-9-CM Principal Diagnosis Code</i>	6	Alphanumeric
10	<i>ICD-9-CM Other Diagnosis Code 1</i>	6	Alphanumeric
11	<i>ICD-9-CM Other Diagnosis Code 2</i>	6	Alphanumeric
12	<i>ICD-9-CM Other Diagnosis Code 3</i>	6	Alphanumeric
13	<i>ICD-9-CM Other Diagnosis Code 4</i>	6	Alphanumeric
14	<i>ICD-9-CM Other Diagnosis Code 5</i>	6	Alphanumeric
15	<i>ICD-9-CM Other Diagnosis Code 6</i>	6	Alphanumeric
16	<i>ICD-9-CM Other Diagnosis Code 7</i>	6	Alphanumeric
17	<i>ICD-9-CM Other Diagnosis Code 8</i>	6	Alphanumeric
18	<i>ICD-9-CM Other Diagnosis Code 9</i>	6	Alphanumeric
19	<i>ICD-9-CM Other Diagnosis Code 10</i>	6	Alphanumeric
20	<i>ICD-9-CM Other Diagnosis Code 11</i>	6	Alphanumeric
21	<i>ICD-9-CM Other Diagnosis Code 12</i>	6	Alphanumeric
22	<i>ICD-9-CM Other Diagnosis Code 13</i>	6	Alphanumeric
23	<i>ICD-9-CM Other Diagnosis Code 14</i>	6	Alphanumeric
24	<i>ICD-9-CM Other Diagnosis Code 15</i>	6	Alphanumeric
25	<i>ICD-9-CM Principal Procedure Code</i>	5	Alphanumeric
26	<i>ICD-9-CM Other Procedure Code 1</i>	5	Alphanumeric
27	<i>ICD-9-CM Other Procedure Code 2</i>	5	Alphanumeric
28	<i>ICD-9-CM Other Procedure Code 3</i>	5	Alphanumeric
29	<i>ICD-9-CM Other Procedure Code 4</i>	5	Alphanumeric
30	<i>ICD-9-CM Other Procedure Code 5</i>	5	Alphanumeric
31	<i>ICD-9-CM Principal Procedure Date</i>	10	Date
32	<i>ICD-9-CM Other Procedure Date 1</i>	10	Date
33	<i>ICD-9-CM Other Procedure Date 2</i>	10	Date
34	<i>ICD-9-CM Other Procedure Date 3</i>	10	Date
35	<i>ICD-9-CM Other Procedure Date 4</i>	10	Date
36	<i>ICD-9-CM Other Procedure Date 5</i>	10	Date
37	<i>Sex</i>	1	Alphanumeric
38	<i>Postal Code</i>	9	Alphanumeric
39	<i>Arrival Date</i>	10	Date
40	<i>Arrival Time</i>	5	Time

Position	Data Element Name	Data Element Length	Format Type
41	<i>Pneumonia Working Diagnosis on Admission</i>	1	Alphanumeric
42	<i>Comfort Measures Only</i>	1	Alphanumeric
43	<i>ABG Done</i>	1	Alphanumeric
44	<i>Pulse Oximetry Done</i>	1	Alphanumeric
45	<i>Pneumococcal Vaccination Status</i>	1	Alphanumeric
46	<i>Antibiotic Received</i>	1	Alphanumeric
47	<i>Blood Cultures Prior to Arrival</i>	1	Alphanumeric
48	<i>Blood Culture Collected After Arrival</i>	1	Alphanumeric
49	<i>Initial Blood Culture Collection Date</i>	10	Date
50	<i>Initial Blood Culture Collection Time</i>	5	Time
51	<i>Adult Smoking History</i>	1	Alphanumeric
52	<i>Adult Smoking Counseling</i>	1	Alphanumeric
53	<i>Antibiotics Prior to Arrival</i>	1	Alphanumeric
54	<i>Compromised</i>	1	Alphanumeric
55	<i>Transfer From Another ED</i>	1	Alphanumeric
56	<i>ICU Transfer or Admission Within First 24 Hours</i>	1	Alphanumeric
57	<i>Pseudomonas Risk</i>	1	Alphanumeric
58	<i>Influenza Vaccination Status</i>	1	Alphanumeric
59	<i>Antibiotic Name 1</i>	244	Alphanumeric
60	<i>Antibiotic Administration Route 1</i>	2	Alphanumeric
61	<i>Antibiotic Administration Date 1</i>	10	Date
62	<i>Antibiotic Administration Time 1</i>	5	Time
63	<i>Antibiotic Name 2</i>	244	Alphanumeric
64	<i>Antibiotic Administration Route 2</i>	2	Alphanumeric
65	<i>Antibiotic Administration Date 2</i>	10	Date
66	<i>Antibiotic Administration Time 2</i>	5	Time
67	<i>Antibiotic Name 3</i>	244	Alphanumeric
68	<i>Antibiotic Administration Route 3</i>	2	Alphanumeric
69	<i>Antibiotic Administration Date 3</i>	10	Date
70	<i>Antibiotic Administration Time 3</i>	5	Time
71	<i>Antibiotic Name 4</i>	244	Alphanumeric
72	<i>Antibiotic Administration Route 4</i>	2	Alphanumeric
73	<i>Antibiotic Administration Date 4</i>	10	Date
74	<i>Antibiotic Administration Time 4</i>	5	Time
75	<i>Antibiotic Name 5</i>	244	Alphanumeric
76	<i>Antibiotic Administration Route 5</i>	2	Alphanumeric
77	<i>Antibiotic Administration Date 5</i>	10	Date
78	<i>Antibiotic Administration Time 5</i>	5	Time
79	<i>Antibiotic Name 6</i>	244	Alphanumeric
80	<i>Antibiotic Administration Route 6</i>	2	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
81	<i>Antibiotic Administration Date 6</i>	10	Date
82	<i>Antibiotic Administration Time 6</i>	5	Time
83	<i>Antibiotic Name 7</i>	244	Alphanumeric
84	<i>Antibiotic Administration Route 7</i>	2	Alphanumeric
85	<i>Antibiotic Administration Date 7</i>	10	Date
86	<i>Antibiotic Administration Time 7</i>	5	Time
87	<i>Antibiotic Name 8</i>	244	Alphanumeric
88	<i>Antibiotic Administration Route 8</i>	2	Alphanumeric
89	<i>Antibiotic Administration Date 8</i>	10	Date
90	<i>Antibiotic Administration Time 8</i>	5	Time
91	<i>Antibiotic Name 9</i>	244	Alphanumeric
92	<i>Antibiotic Administration Route 9</i>	2	Alphanumeric
93	<i>Antibiotic Administration Date 9</i>	10	Date
94	<i>Antibiotic Administration Time 9</i>	5	Time
95	<i>Antibiotic Name 10</i>	244	Alphanumeric
96	<i>Antibiotic Administration Route 10</i>	2	Alphanumeric
97	<i>Antibiotic Administration Date 10</i>	10	Date
98	<i>Antibiotic Administration Time 10</i>	5	Time
99	<i>Antibiotic Name 11</i>	244	Alphanumeric
100	<i>Antibiotic Administration Route 11</i>	2	Alphanumeric
101	<i>Antibiotic Administration Date 11</i>	10	Date
102	<i>Antibiotic Administration Time 11</i>	5	Time
103	<i>Antibiotic Name 12</i>	244	Alphanumeric
104	<i>Antibiotic Administration Route 12</i>	2	Alphanumeric
105	<i>Antibiotic Administration Date 12</i>	10	Date
106	<i>Antibiotic Administration Time 12</i>	5	Time
107	<i>Antibiotic Name 13</i>	244	Alphanumeric
108	<i>Antibiotic Administration Route 13</i>	2	Alphanumeric
109	<i>Antibiotic Administration Date 13</i>	10	Date
110	<i>Antibiotic Administration Time 13</i>	5	Time
111	<i>Antibiotic Name 14</i>	244	Alphanumeric
112	<i>Antibiotic Administration Route 14</i>	2	Alphanumeric
113	<i>Antibiotic Administration Date 14</i>	10	Date
114	<i>Antibiotic Administration Time 14</i>	5	Time
115	<i>Antibiotic Name 15</i>	244	Alphanumeric
116	<i>Antibiotic Administration Route 15</i>	2	Alphanumeric
117	<i>Antibiotic Administration Date 15</i>	10	Date
118	<i>Antibiotic Administration Time 15</i>	5	Time
119	<i>Antibiotic Name 16</i>	244	Alphanumeric
120	<i>Antibiotic Administration Route 16</i>	2	Alphanumeric
121	<i>Antibiotic Administration Date 16</i>	10	Date
122	<i>Antibiotic Administration Time 16</i>	5	Time

Position	Data Element Name	Data Element Length	Format Type
123	<i>Antibiotic Name 17</i>	244	Alphanumeric
124	<i>Antibiotic Administration Route 17</i>	2	Alphanumeric
125	<i>Antibiotic Administration Date 17</i>	10	Date
126	<i>Antibiotic Administration Time 17</i>	5	Time
127	<i>Antibiotic Name 18</i>	244	Alphanumeric
128	<i>Antibiotic Administration Route 18</i>	2	Alphanumeric
129	<i>Antibiotic Administration Date 18</i>	10	Date
130	<i>Antibiotic Administration Time 18</i>	5	Time
131	<i>Antibiotic Name 19</i>	244	Alphanumeric
132	<i>Antibiotic Administration Route 19</i>	2	Alphanumeric
133	<i>Antibiotic Administration Date 19</i>	10	Date
134	<i>Antibiotic Administration Time 19</i>	5	Time
135	<i>Antibiotic Name 20</i>	244	Alphanumeric
136	<i>Antibiotic Administration Route 20</i>	2	Alphanumeric
137	<i>Antibiotic Administration Date 20</i>	10	Date
138	<i>Antibiotic Administration Time 20</i>	5	Time
139	<i>Antibiotic Name 21</i>	244	Alphanumeric
140	<i>Antibiotic Administration Route 21</i>	2	Alphanumeric
141	<i>Antibiotic Administration Date 21</i>	10	Date
142	<i>Antibiotic Administration Time 21</i>	5	Time
143	<i>Antibiotic Name 22</i>	244	Alphanumeric
144	<i>Antibiotic Administration Route 22</i>	2	Alphanumeric
145	<i>Antibiotic Administration Date 22</i>	10	Date
146	<i>Antibiotic Administration Time 22</i>	5	Time
147	<i>Antibiotic Name 23</i>	244	Alphanumeric
148	<i>Antibiotic Administration Route 23</i>	2	Alphanumeric
149	<i>Antibiotic Administration Date 23</i>	10	Date
150	<i>Antibiotic Administration Time 23</i>	5	Time
151	<i>Antibiotic Name 24</i>	244	Alphanumeric
152	<i>Antibiotic Administration Route 24</i>	2	Alphanumeric
153	<i>Antibiotic Administration Date 24</i>	10	Date
154	<i>Antibiotic Administration Time 24</i>	5	Time
155	<i>Antibiotic Name 25</i>	244	Alphanumeric
156	<i>Antibiotic Administration Route 25</i>	2	Alphanumeric
157	<i>Antibiotic Administration Date 25</i>	10	Date
158	<i>Antibiotic Administration Time 25</i>	5	Time
159	<i>Antibiotic Name 26</i>	244	Alphanumeric
160	<i>Antibiotic Administration Route 26</i>	2	Alphanumeric
161	<i>Antibiotic Administration Date 26</i>	10	Date
162	<i>Antibiotic Administration Time 26</i>	5	Time
163	<i>Antibiotic Name 27</i>	244	Alphanumeric
164	<i>Antibiotic Administration Route 27</i>	2	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
165	<i>Antibiotic Administration Date 27</i>	10	Date
166	<i>Antibiotic Administration Time 27</i>	5	Time
167	<i>Antibiotic Name 28</i>	244	Alphanumeric
168	<i>Antibiotic Administration Route 28</i>	2	Alphanumeric
169	<i>Antibiotic Administration Date 28</i>	10	Date
170	<i>Antibiotic Administration Time 28</i>	5	Time
171	<i>Antibiotic Name 29</i>	244	Alphanumeric
172	<i>Antibiotic Administration Route 29</i>	2	Alphanumeric
173	<i>Antibiotic Administration Date 29</i>	10	Date
174	<i>Antibiotic Administration Time 29</i>	5	Time
175	<i>Antibiotic Name 30</i>	244	Alphanumeric
176	<i>Antibiotic Administration Route 30</i>	2	Alphanumeric
177	<i>Antibiotic Administration Date 30</i>	10	Date
178	<i>Antibiotic Administration Time 30</i>	5	Time
179	<i>Antibiotic Name 31</i>	244	Alphanumeric
180	<i>Antibiotic Administration Route 31</i>	2	Alphanumeric
181	<i>Antibiotic Administration Date 31</i>	10	Date
182	<i>Antibiotic Administration Time 31</i>	5	Time
183	<i>Antibiotic Name 32</i>	244	Alphanumeric
184	<i>Antibiotic Administration Route 32</i>	2	Alphanumeric
185	<i>Antibiotic Administration Date 32</i>	10	Date
186	<i>Antibiotic Administration Time 32</i>	5	Time
187	<i>Antibiotic Name 33</i>	244	Alphanumeric
188	<i>Antibiotic Administration Route 33</i>	2	Alphanumeric
189	<i>Antibiotic Administration Date 33</i>	10	Date
190	<i>Antibiotic Administration Time 33</i>	5	Time
191	<i>Antibiotic Name 34</i>	244	Alphanumeric
192	<i>Antibiotic Administration Route 34</i>	2	Alphanumeric
193	<i>Antibiotic Administration Date 34</i>	10	Date
194	<i>Antibiotic Administration Time 34</i>	5	Time
195	<i>Antibiotic Name 35</i>	244	Alphanumeric
196	<i>Antibiotic Administration Route 35</i>	2	Alphanumeric
197	<i>Antibiotic Administration Date 35</i>	10	Date
198	<i>Antibiotic Administration Time 35</i>	5	Time
199	<i>Antibiotic Name 36</i>	244	Alphanumeric
200	<i>Antibiotic Administration Route 36</i>	2	Alphanumeric
201	<i>Antibiotic Administration Date 36</i>	10	Date
202	<i>Antibiotic Administration Time 36</i>	5	Time
203	<i>Antibiotic Name 37</i>	244	Alphanumeric
204	<i>Antibiotic Administration Route 37</i>	2	Alphanumeric
205	<i>Antibiotic Administration Date 37</i>	10	Date
206	<i>Antibiotic Administration Time 37</i>	5	Time

Position	Data Element Name	Data Element Length	Format Type
207	<i>Antibiotic Name 38</i>	244	Alphanumeric
208	<i>Antibiotic Administration Route 38</i>	2	Alphanumeric
209	<i>Antibiotic Administration Date 38</i>	10	Date
210	<i>Antibiotic Administration Time 38</i>	5	Time
211	<i>Antibiotic Name 39</i>	244	Alphanumeric
212	<i>Antibiotic Administration Route 39</i>	2	Alphanumeric
213	<i>Antibiotic Administration Date 39</i>	10	Date
214	<i>Antibiotic Administration Time 39</i>	5	Time
215	<i>Antibiotic Name 40</i>	244	Alphanumeric
216	<i>Antibiotic Administration Route 40</i>	2	Alphanumeric
217	<i>Antibiotic Administration Date 40</i>	10	Date
218	<i>Antibiotic Administration Time 40</i>	5	Time
219	<i>Antibiotic Name 41</i>	244	Alphanumeric
220	<i>Antibiotic Administration Route 41</i>	2	Alphanumeric
221	<i>Antibiotic Administration Date 41</i>	10	Date
222	<i>Antibiotic Administration Time 41</i>	5	Time
223	<i>Antibiotic Name 42</i>	244	Alphanumeric
224	<i>Antibiotic Administration Route 42</i>	2	Alphanumeric
225	<i>Antibiotic Administration Date 42</i>	10	Date
226	<i>Antibiotic Administration Time 42</i>	5	Time
227	<i>Antibiotic Name 43</i>	244	Alphanumeric
228	<i>Antibiotic Administration Route 43</i>	2	Alphanumeric
229	<i>Antibiotic Administration Date 43</i>	10	Date
230	<i>Antibiotic Administration Time 43</i>	5	Time
231	<i>Antibiotic Name 44</i>	244	Alphanumeric
232	<i>Antibiotic Administration Route 44</i>	2	Alphanumeric
233	<i>Antibiotic Administration Date 44</i>	10	Date
234	<i>Antibiotic Administration Time 44</i>	5	Time
235	<i>Antibiotic Name 45</i>	244	Alphanumeric
236	<i>Antibiotic Administration Route 45</i>	2	Alphanumeric
237	<i>Antibiotic Administration Date 45</i>	10	Date
238	<i>Antibiotic Administration Time 45</i>	5	Time
239	<i>Antibiotic Name 46</i>	244	Alphanumeric
240	<i>Antibiotic Administration Route 46</i>	2	Alphanumeric
241	<i>Antibiotic Administration Date 46</i>	10	Date
242	<i>Antibiotic Administration Time 46</i>	5	Time
243	<i>Antibiotic Name 47</i>	244	Alphanumeric
244	<i>Antibiotic Administration Route 47</i>	2	Alphanumeric
245	<i>Antibiotic Administration Date 47</i>	10	Date
246	<i>Antibiotic Administration Time 47</i>	5	Time
247	<i>Antibiotic Name 48</i>	244	Alphanumeric
248	<i>Antibiotic Administration Route 48</i>	2	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
249	<i>Antibiotic Administration Date</i> 48	10	Date
250	<i>Antibiotic Administration Time</i> 48	5	Time
251	<i>Antibiotic Name</i> 49	244	Alphanumeric
252	<i>Antibiotic Administration Route</i> 49	2	Alphanumeric
253	<i>Antibiotic Administration Date</i> 49	10	Date
254	<i>Antibiotic Administration Time</i> 49	5	Time
255	<i>Antibiotic Name</i> 50	244	Alphanumeric
256	<i>Antibiotic Administration Route</i> 50	2	Alphanumeric
257	<i>Antibiotic Administration Date</i> 50	10	Date
258	<i>Antibiotic Administration Time</i> 50	5	Time
259	<i>Antibiotic Name</i> 51	244	Alphanumeric
260	<i>Antibiotic Administration Route</i> 51	2	Alphanumeric
261	<i>Antibiotic Administration Date</i> 51	10	Date
262	<i>Antibiotic Administration Time</i> 51	5	Time
263	<i>Antibiotic Name</i> 52	244	Alphanumeric
264	<i>Antibiotic Administration Route</i> 52	2	Alphanumeric
265	<i>Antibiotic Administration Date</i> 52	10	Date
266	<i>Antibiotic Administration Time</i> 52	5	Time
267	<i>Antibiotic Name</i> 53	244	Alphanumeric
268	<i>Antibiotic Administration Route</i> 53	2	Alphanumeric
269	<i>Antibiotic Administration Date</i> 53	10	Date
270	<i>Antibiotic Administration Time</i> 53	5	Time
271	<i>Antibiotic Name</i> 54	244	Alphanumeric
272	<i>Antibiotic Administration Route</i> 54	2	Alphanumeric
273	<i>Antibiotic Administration Date</i> 54	10	Date
274	<i>Antibiotic Administration Time</i> 54	5	Time
275	<i>Antibiotic Name</i> 55	244	Alphanumeric
276	<i>Antibiotic Administration Route</i> 55	2	Alphanumeric
277	<i>Antibiotic Administration Date</i> 55	10	Date
278	<i>Antibiotic Administration Time</i> 55	5	Time
279	<i>Antibiotic Name</i> 56	244	Alphanumeric
280	<i>Antibiotic Administration Route</i> 56	2	Alphanumeric
281	<i>Antibiotic Administration Date</i> 56	10	Date
282	<i>Antibiotic Administration Time</i> 56	5	Time
283	<i>Antibiotic Name</i> 57	244	Alphanumeric
284	<i>Antibiotic Administration Route</i> 57	2	Alphanumeric
285	<i>Antibiotic Administration Date</i> 57	10	Date
286	<i>Antibiotic Administration Time</i> 57	5	Time
287	<i>Antibiotic Name</i> 58	244	Alphanumeric
288	<i>Antibiotic Administration Route</i> 58	2	Alphanumeric
289	<i>Antibiotic Administration Date</i> 58	10	Date
290	<i>Antibiotic Administration Time</i> 58	5	Time

Position	Data Element Name	Data Element Length	Format Type
291	<i>Antibiotic Name 59</i>	244	Alphanumeric
292	<i>Antibiotic Administration Route 59</i>	2	Alphanumeric
293	<i>Antibiotic Administration Date 59</i>	10	Date
294	<i>Antibiotic Administration Time 59</i>	5	Time
295	<i>Antibiotic Name 60</i>	244	Alphanumeric
296	<i>Antibiotic Administration Route 60</i>	2	Alphanumeric
297	<i>Antibiotic Administration Date 60</i>	10	Date
298	<i>Antibiotic Administration Time 60</i>	5	Time
299	<i>Antibiotic Name 61</i>	244	Alphanumeric
300	<i>Antibiotic Administration Route 61</i>	2	Alphanumeric
301	<i>Antibiotic Administration Date 61</i>	10	Date
302	<i>Antibiotic Administration Time 61</i>	5	Time
303	<i>Antibiotic Name 62</i>	244	Alphanumeric
304	<i>Antibiotic Administration Route 62</i>	2	Alphanumeric
305	<i>Antibiotic Administration Date 62</i>	10	Date
306	<i>Antibiotic Administration Time 62</i>	5	Time
307	<i>Antibiotic Name 63</i>	244	Alphanumeric
308	<i>Antibiotic Administration Route 63</i>	2	Alphanumeric
309	<i>Antibiotic Administration Date 63</i>	10	Date
310	<i>Antibiotic Administration Time 63</i>	5	Time
311	<i>Antibiotic Name 64</i>	244	Alphanumeric
312	<i>Antibiotic Administration Route 64</i>	2	Alphanumeric
313	<i>Antibiotic Administration Date 64</i>	10	Date
314	<i>Antibiotic Administration Time 64</i>	5	Time
315	<i>Antibiotic Name 65</i>	244	Alphanumeric
316	<i>Antibiotic Administration Route 65</i>	2	Alphanumeric
317	<i>Antibiotic Administration Date 65</i>	10	Date
318	<i>Antibiotic Administration Time 65</i>	5	Time
319	<i>Antibiotic Name 66</i>	244	Alphanumeric
320	<i>Antibiotic Administration Route 66</i>	2	Alphanumeric
321	<i>Antibiotic Administration Date 66</i>	10	Date
322	<i>Antibiotic Administration Time 66</i>	5	Time
323	<i>Antibiotic Name 67</i>	244	Alphanumeric
324	<i>Antibiotic Administration Route 67</i>	2	Alphanumeric
325	<i>Antibiotic Administration Date 67</i>	10	Date
326	<i>Antibiotic Administration Time 67</i>	5	Time
327	<i>Antibiotic Name 68</i>	244	Alphanumeric
328	<i>Antibiotic Administration Route 68</i>	2	Alphanumeric
329	<i>Antibiotic Administration Date 68</i>	10	Date
330	<i>Antibiotic Administration Time 68</i>	5	Time
331	<i>Antibiotic Name 69</i>	244	Alphanumeric
332	<i>Antibiotic Administration Route 69</i>	2	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
333	<i>Antibiotic Administration Date 69</i>	10	Date
334	<i>Antibiotic Administration Time 69</i>	5	Time
335	<i>Antibiotic Name 70</i>	244	Alphanumeric
336	<i>Antibiotic Administration Route 70</i>	2	Alphanumeric
337	<i>Antibiotic Administration Date 70</i>	10	Date
338	<i>Antibiotic Administration Time 70</i>	5	Time
339	<i>Antibiotic Name 71</i>	244	Alphanumeric
340	<i>Antibiotic Administration Route 71</i>	2	Alphanumeric
341	<i>Antibiotic Administration Date 71</i>	10	Date
342	<i>Antibiotic Administration Time 71</i>	5	Time
343	<i>Antibiotic Name 72</i>	244	Alphanumeric
344	<i>Antibiotic Administration Route 72</i>	2	Alphanumeric
345	<i>Antibiotic Administration Date 72</i>	10	Date
346	<i>Antibiotic Administration Time 72</i>	5	Time
347	<i>Antibiotic Name 73</i>	244	Alphanumeric
348	<i>Antibiotic Administration Route 73</i>	2	Alphanumeric
349	<i>Antibiotic Administration Date 73</i>	10	Date
350	<i>Antibiotic Administration Time 73</i>	5	Time
351	<i>Antibiotic Name 74</i>	244	Alphanumeric
352	<i>Antibiotic Administration Route 74</i>	2	Alphanumeric
353	<i>Antibiotic Administration Date 74</i>	10	Date
354	<i>Antibiotic Administration Time 74</i>	5	Time
355	<i>Antibiotic Name 75</i>	244	Alphanumeric
356	<i>Antibiotic Administration Route 75</i>	2	Alphanumeric
357	<i>Antibiotic Administration Date 75</i>	10	Date
358	<i>Antibiotic Administration Time 75</i>	5	Time
359	<i>Performance Measurement System Identifier</i>	7	Alphanumeric
360	<i>Testcase Batch Number</i>	15	Numeric

Patient-Level Test Case File Format for PR

Position	Data Element Name	Data Element Length	Format Type
1	<i>Health Care Organization Identifier</i>	10	Numeric
2	<i>Case Identifier</i>	9	Numeric
3	<i>Admission Date</i>	10	Date
4	<i>Admission Source</i>	1	Alphanumeric
5	<i>Admission Type</i>	1	Alphanumeric
6	<i>Birthdate</i>	10	Date
7	<i>Discharge Date</i>	10	Date
8	<i>Discharge Status</i>	2	Alphanumeric
9	<i>ICD-9-CM Principal Diagnosis Code</i>	6	Alphanumeric
10	<i>ICD-9-CM Other Diagnosis Code 1</i>	6	Alphanumeric
11	<i>ICD-9-CM Other Diagnosis Code 2</i>	6	Alphanumeric
12	<i>ICD-9-CM Other Diagnosis Code 3</i>	6	Alphanumeric
13	<i>ICD-9-CM Other Diagnosis Code 4</i>	6	Alphanumeric
14	<i>ICD-9-CM Other Diagnosis Code 5</i>	6	Alphanumeric
15	<i>ICD-9-CM Other Diagnosis Code 6</i>	6	Alphanumeric
16	<i>ICD-9-CM Other Diagnosis Code 7</i>	6	Alphanumeric
17	<i>ICD-9-CM Other Diagnosis Code 8</i>	6	Alphanumeric
18	<i>ICD-9-CM Other Diagnosis Code 9</i>	6	Alphanumeric
19	<i>ICD-9-CM Other Diagnosis Code 10</i>	6	Alphanumeric
20	<i>ICD-9-CM Other Diagnosis Code 11</i>	6	Alphanumeric
21	<i>ICD-9-CM Other Diagnosis Code 12</i>	6	Alphanumeric
22	<i>ICD-9-CM Other Diagnosis Code 13</i>	6	Alphanumeric
23	<i>ICD-9-CM Other Diagnosis Code 14</i>	6	Alphanumeric
24	<i>ICD-9-CM Other Diagnosis Code 15</i>	6	Alphanumeric
25	<i>ICD-9-CM Principal Procedure Code</i>	5	Alphanumeric
26	<i>ICD-9-CM Other Procedure Code 1</i>	5	Alphanumeric
27	<i>ICD-9-CM Other Procedure Code 2</i>	5	Alphanumeric
28	<i>ICD-9-CM Other Procedure Code 3</i>	5	Alphanumeric
29	<i>ICD-9-CM Other Procedure Code 4</i>	5	Alphanumeric
30	<i>ICD-9-CM Other Procedure Code 5</i>	5	Alphanumeric
31	<i>ICD-9-CM Principal Procedure Date</i>	10	Date
32	<i>ICD-9-CM Other Procedure Date 1</i>	10	Date
33	<i>ICD-9-CM Other Procedure Date 2</i>	10	Date
34	<i>ICD-9-CM Other Procedure Date 3</i>	10	Date
35	<i>ICD-9-CM Other Procedure Date 4</i>	10	Date
36	<i>ICD-9-CM Other Procedure Date 5</i>	10	Date
37	<i>Sex</i>	1	Alphanumeric
38	<i>Postal Code</i>	9	Alphanumeric
39	<i>Birth Weight</i>	4	Alphanumeric
40	<i>Performance Measurement System Identifier</i>	7	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
41	<i>Testcase Batch Number</i>	10	Numeric

Patient-Level Test Case File Format for SIP

Position	Data Element Name	Data Element Length	Format Type
1	<i>Health Care Organization Identifier</i>	10	Numeric
2	<i>Case Identifier</i>	9	Numeric
3	<i>Admission Date</i>	10	Date
4	<i>Admission Source</i>	1	Alphanumeric
5	<i>Admission Type</i>	1	Alphanumeric
6	<i>Birthdate</i>	10	Date
7	<i>Discharge Date</i>	10	Date
8	<i>Discharge Status</i>	2	Alphanumeric
9	<i>ICD-9-CM Principal Diagnosis Code</i>	6	Alphanumeric
10	<i>ICD-9-CM Other Diagnosis Code 1</i>	6	Alphanumeric
11	<i>ICD-9-CM Other Diagnosis Code 2</i>	6	Alphanumeric
12	<i>ICD-9-CM Other Diagnosis Code 3</i>	6	Alphanumeric
13	<i>ICD-9-CM Other Diagnosis Code 4</i>	6	Alphanumeric
14	<i>ICD-9-CM Other Diagnosis Code 5</i>	6	Alphanumeric
15	<i>ICD-9-CM Other Diagnosis Code 6</i>	6	Alphanumeric
16	<i>ICD-9-CM Other Diagnosis Code 7</i>	6	Alphanumeric
17	<i>ICD-9-CM Other Diagnosis Code 8</i>	6	Alphanumeric
18	<i>ICD-9-CM Other Diagnosis Code 9</i>	6	Alphanumeric
19	<i>ICD-9-CM Other Diagnosis Code 10</i>	6	Alphanumeric
20	<i>ICD-9-CM Other Diagnosis Code 11</i>	6	Alphanumeric
21	<i>ICD-9-CM Other Diagnosis Code 12</i>	6	Alphanumeric
22	<i>ICD-9-CM Other Diagnosis Code 13</i>	6	Alphanumeric
23	<i>ICD-9-CM Other Diagnosis Code 14</i>	6	Alphanumeric
24	<i>ICD-9-CM Other Diagnosis Code 15</i>	6	Alphanumeric
25	<i>ICD-9-CM Principal Procedure Code</i>	5	Alphanumeric
26	<i>ICD-9-CM Other Procedure Code 1</i>	5	Alphanumeric
27	<i>ICD-9-CM Other Procedure Code 2</i>	5	Alphanumeric
28	<i>ICD-9-CM Other Procedure Code 3</i>	5	Alphanumeric
29	<i>ICD-9-CM Other Procedure Code 4</i>	5	Alphanumeric
30	<i>ICD-9-CM Other Procedure Code 5</i>	5	Alphanumeric
31	<i>ICD-9-CM Principal Procedure Date</i>	10	Date
32	<i>ICD-9-CM Other Procedure Date 1</i>	10	Date
33	<i>ICD-9-CM Other Procedure Date 2</i>	10	Date
34	<i>ICD-9-CM Other Procedure Date 3</i>	10	Date
35	<i>ICD-9-CM Other Procedure Date 4</i>	10	Date
36	<i>ICD-9-CM Other Procedure Date 5</i>	10	Date
37	<i>Sex</i>	1	Alphanumeric
38	<i>Postal Code</i>	9	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
39	<i>Admission Diagnosis of Infection</i>	1	Alphanumeric
40	<i>Antibiotic Allergy</i>	1	Alphanumeric
41	<i>Antibiotics Prior to Arrival</i>	1	Alphanumeric
42	<i>Antibiotics During Stay</i>	1	Alphanumeric
43	<i>Antibiotic Name 1</i>	244	Alphanumeric
44	<i>Antibiotic Administration Route 1</i>	2	Alphanumeric
45	<i>Antibiotic Administration Date 1</i>	10	Date
46	<i>Antibiotic Administration Time 1</i>	5	Time
47	<i>Prophylactic Antibiotic 1</i>	1	Alphanumeric
48	<i>Antibiotic Name 2</i>	244	Alphanumeric
49	<i>Antibiotic Administration Route 2</i>	2	Alphanumeric
50	<i>Antibiotic Administration Date 2</i>	10	Date
51	<i>Antibiotic Administration Time 2</i>	5	Time
52	<i>Prophylactic Antibiotic 2</i>	1	Alphanumeric
53	<i>Antibiotic Name 3</i>	244	Alphanumeric
54	<i>Antibiotic Administration Route 3</i>	2	Alphanumeric
55	<i>Antibiotic Administration Date 3</i>	10	Date
56	<i>Antibiotic Administration Time 3</i>	5	Time
57	<i>Prophylactic Antibiotic 3</i>	1	Alphanumeric
58	<i>Antibiotic Name 4</i>	244	Alphanumeric
59	<i>Antibiotic Administration Route 4</i>	2	Alphanumeric
60	<i>Antibiotic Administration Date 4</i>	10	Date
61	<i>Antibiotic Administration Time 4</i>	5	Time
62	<i>Prophylactic Antibiotic 4</i>	1	Alphanumeric
63	<i>Antibiotic Name 5</i>	244	Alphanumeric
64	<i>Antibiotic Administration Route 5</i>	2	Alphanumeric
65	<i>Antibiotic Administration Date 5</i>	10	Date
66	<i>Antibiotic Administration Time 5</i>	5	Time
67	<i>Prophylactic Antibiotic 5</i>	1	Alphanumeric
68	<i>Antibiotic Name 6</i>	244	Alphanumeric
69	<i>Antibiotic Administration Route 6</i>	2	Alphanumeric
70	<i>Antibiotic Administration Date 6</i>	10	Date
71	<i>Antibiotic Administration Time 6</i>	5	Time
72	<i>Prophylactic Antibiotic 6</i>	1	Alphanumeric
73	<i>Antibiotic Name 7</i>	244	Alphanumeric
74	<i>Antibiotic Administration Route 7</i>	2	Alphanumeric
75	<i>Antibiotic Administration Date 7</i>	10	Date
76	<i>Antibiotic Administration Time 7</i>	5	Time
77	<i>Prophylactic Antibiotic 7</i>	1	Alphanumeric
78	<i>Antibiotic Name 8</i>	244	Alphanumeric
79	<i>Antibiotic Administration Route 8</i>	2	Alphanumeric
80	<i>Antibiotic Administration Date 8</i>	10	Date
81	<i>Antibiotic Administration Time 8</i>	5	Time

Position	Data Element Name	Data Element Length	Format Type
82	<i>Prophylactic Antibiotic 8</i>	1	Alphanumeric
83	<i>Antibiotic Name 9</i>	244	Alphanumeric
84	<i>Antibiotic Administration Route 9</i>	2	Alphanumeric
85	<i>Antibiotic Administration Date 9</i>	10	Date
86	<i>Antibiotic Administration Time 9</i>	5	Time
87	<i>Prophylactic Antibiotic 9</i>	1	Alphanumeric
88	<i>Antibiotic Name 10</i>	244	Alphanumeric
89	<i>Antibiotic Administration Route 10</i>	2	Alphanumeric
90	<i>Antibiotic Administration Date 10</i>	10	Date
91	<i>Antibiotic Administration Time 10</i>	5	Time
92	<i>Prophylactic Antibiotic 10</i>	1	Alphanumeric
93	<i>Antibiotic Name 11</i>	244	Alphanumeric
94	<i>Antibiotic Administration Route 11</i>	2	Alphanumeric
95	<i>Antibiotic Administration Date 11</i>	10	Date
96	<i>Antibiotic Administration Time 11</i>	5	Time
97	<i>Prophylactic Antibiotic 12</i>	1	Alphanumeric
98	<i>Antibiotic Name 12</i>	244	Alphanumeric
99	<i>Antibiotic Administration Route 12</i>	2	Alphanumeric
100	<i>Antibiotic Administration Date 12</i>	10	Date
101	<i>Antibiotic Administration Time 12</i>	5	Time
102	<i>Prophylactic Antibiotic 12</i>	1	Alphanumeric
103	<i>Antibiotic Name 13</i>	244	Alphanumeric
104	<i>Antibiotic Administration Route 13</i>	2	Alphanumeric
105	<i>Antibiotic Administration Date 13</i>	10	Date
106	<i>Antibiotic Administration Time 13</i>	5	Time
107	<i>Prophylactic Antibiotic 13</i>	1	Alphanumeric
108	<i>Antibiotic Name 14</i>	244	Alphanumeric
109	<i>Antibiotic Administration Route 14</i>	2	Alphanumeric
110	<i>Antibiotic Administration Date 14</i>	10	Date
111	<i>Antibiotic Administration Time 14</i>	5	Time
112	<i>Prophylactic Antibiotic 14</i>	1	Alphanumeric
113	<i>Antibiotic Name 15</i>	244	Alphanumeric
114	<i>Antibiotic Administration Route 15</i>	2	Alphanumeric
115	<i>Antibiotic Administration Date 15</i>	10	Date
116	<i>Antibiotic Administration Time 15</i>	5	Time
117	<i>Prophylactic Antibiotic 15</i>	1	Alphanumeric
118	<i>Antibiotic Name 16</i>	244	Alphanumeric
119	<i>Antibiotic Administration Route 16</i>	2	Alphanumeric
120	<i>Antibiotic Administration Date 16</i>	10	Date
121	<i>Antibiotic Administration Time 16</i>	5	Time
122	<i>Prophylactic Antibiotic 16</i>	1	Alphanumeric
123	<i>Antibiotic Name 17</i>	244	Alphanumeric
124	<i>Antibiotic Administration Route 17</i>	2	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
125	<i>Antibiotic Administration Date 17</i>	10	Date
126	<i>Antibiotic Administration Time 17</i>	5	Time
127	<i>Prophylactic Antibiotic 17</i>	1	Alphanumeric
128	<i>Antibiotic Name 18</i>	244	Alphanumeric
129	<i>Antibiotic Administration Route 18</i>	2	Alphanumeric
130	<i>Antibiotic Administration Date 18</i>	10	Date
131	<i>Antibiotic Administration Time 18</i>	5	Time
132	<i>Prophylactic Antibiotic 18</i>	1	Alphanumeric
133	<i>Antibiotic Name 19</i>	244	Alphanumeric
134	<i>Antibiotic Administration Route 19</i>	2	Alphanumeric
135	<i>Antibiotic Administration Date 19</i>	10	Date
136	<i>Antibiotic Administration Time 19</i>	5	Time
137	<i>Prophylactic Antibiotic 19</i>	1	Alphanumeric
138	<i>Antibiotic Name 20</i>	244	Alphanumeric
139	<i>Antibiotic Administration Route 20</i>	2	Alphanumeric
140	<i>Antibiotic Administration Date 20</i>	10	Date
141	<i>Antibiotic Administration Time 20</i>	5	Time
142	<i>Prophylactic Antibiotic 20</i>	1	Alphanumeric
143	<i>Antibiotic Name 21</i>	244	Alphanumeric
144	<i>Antibiotic Administration Route 21</i>	2	Alphanumeric
145	<i>Antibiotic Administration Date 21</i>	10	Date
146	<i>Antibiotic Administration Time 21</i>	5	Time
147	<i>Prophylactic Antibiotic 21</i>	1	Alphanumeric
148	<i>Antibiotic Name 22</i>	244	Alphanumeric
149	<i>Antibiotic Administration Route 22</i>	2	Alphanumeric
150	<i>Antibiotic Administration Date 22</i>	10	Date
151	<i>Antibiotic Administration Time 22</i>	5	Time
152	<i>Prophylactic Antibiotic 22</i>	1	Alphanumeric
153	<i>Antibiotic Name 23</i>	244	Alphanumeric
154	<i>Antibiotic Administration Route 23</i>	2	Alphanumeric
155	<i>Antibiotic Administration Date 23</i>	10	Date
156	<i>Antibiotic Administration Time 23</i>	5	Time
157	<i>Prophylactic Antibiotic 23</i>	1	Alphanumeric
158	<i>Antibiotic Name 24</i>	244	Alphanumeric
159	<i>Antibiotic Administration Route 24</i>	2	Alphanumeric
160	<i>Antibiotic Administration Date 24</i>	10	Date
161	<i>Antibiotic Administration Time 24</i>	5	Time
162	<i>Prophylactic Antibiotic 24</i>	1	Alphanumeric
163	<i>Antibiotic Name 25</i>	244	Alphanumeric
164	<i>Antibiotic Administration Route 25</i>	2	Alphanumeric
165	<i>Antibiotic Administration Date 25</i>	10	Date
166	<i>Antibiotic Administration Time 25</i>	5	Time
167	<i>Prophylactic Antibiotic 25</i>	1	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
168	<i>Antibiotic Name 26</i>	244	Alphanumeric
169	<i>Antibiotic Administration Route 26</i>	2	Alphanumeric
170	<i>Antibiotic Administration Date 26</i>	10	Date
171	<i>Antibiotic Administration Time 26</i>	5	Time
172	<i>Prophylactic Antibiotic 26</i>	1	Alphanumeric
173	<i>Antibiotic Name 27</i>	244	Alphanumeric
174	<i>Antibiotic Administration Route 27</i>	2	Alphanumeric
175	<i>Antibiotic Administration Date 27</i>	10	Date
176	<i>Antibiotic Administration Time 27</i>	5	Time
177	<i>Prophylactic Antibiotic 27</i>	1	Alphanumeric
178	<i>Antibiotic Name 28</i>	244	Alphanumeric
179	<i>Antibiotic Administration Route 28</i>	2	Alphanumeric
180	<i>Antibiotic Administration Date 28</i>	10	Date
181	<i>Antibiotic Administration Time 28</i>	5	Time
182	<i>Prophylactic Antibiotic 28</i>	1	Alphanumeric
183	<i>Antibiotic Name 29</i>	244	Alphanumeric
184	<i>Antibiotic Administration Route 29</i>	2	Alphanumeric
185	<i>Antibiotic Administration Date 29</i>	10	Date
186	<i>Antibiotic Administration Time 29</i>	5	Time
187	<i>Prophylactic Antibiotic 29</i>	1	Alphanumeric
188	<i>Antibiotic Name 30</i>	244	Alphanumeric
189	<i>Antibiotic Administration Route 30</i>	2	Alphanumeric
190	<i>Antibiotic Administration Date 30</i>	10	Date
191	<i>Antibiotic Administration Time 30</i>	5	Time
192	<i>Prophylactic Antibiotic 30</i>	1	Alphanumeric
193	<i>Antibiotic Name 31</i>	244	Alphanumeric
194	<i>Antibiotic Administration Route 31</i>	2	Alphanumeric
195	<i>Antibiotic Administration Date 31</i>	10	Date
196	<i>Antibiotic Administration Time 31</i>	5	Time
197	<i>Prophylactic Antibiotic 31</i>	1	Alphanumeric
198	<i>Antibiotic Name 32</i>	244	Alphanumeric
199	<i>Antibiotic Administration Route 32</i>	2	Alphanumeric
200	<i>Antibiotic Administration Date 32</i>	10	Date
201	<i>Antibiotic Administration Time 32</i>	5	Time
202	<i>Prophylactic Antibiotic 32</i>	1	Alphanumeric
203	<i>Antibiotic Name 33</i>	244	Alphanumeric
204	<i>Antibiotic Administration Route 33</i>	2	Alphanumeric
205	<i>Antibiotic Administration Date 33</i>	10	Date
206	<i>Antibiotic Administration Time 33</i>	5	Time
207	<i>Prophylactic Antibiotic 33</i>	1	Alphanumeric
208	<i>Antibiotic Name 34</i>	244	Alphanumeric
209	<i>Antibiotic Administration Route 34</i>	2	Alphanumeric
210	<i>Antibiotic Administration Date 34</i>	10	Date

Position	Data Element Name	Data Element Length	Format Type
211	<i>Antibiotic Administration Time 34</i>	5	Time
212	<i>Prophylactic Antibiotic 34</i>	1	Alphanumeric
213	<i>Antibiotic Name 35</i>	244	Alphanumeric
214	<i>Antibiotic Administration Route 35</i>	2	Alphanumeric
215	<i>Antibiotic Administration Date 35</i>	10	Date
216	<i>Antibiotic Administration Time 35</i>	5	Time
217	<i>Prophylactic Antibiotic 35</i>	1	Alphanumeric
218	<i>Antibiotic Name 36</i>	244	Alphanumeric
219	<i>Antibiotic Administration Route 36</i>	2	Alphanumeric
220	<i>Antibiotic Administration Date 36</i>	10	Date
221	<i>Antibiotic Administration Time 36</i>	5	Time
222	<i>Prophylactic Antibiotic 36</i>	1	Alphanumeric
223	<i>Antibiotic Name 37</i>	244	Alphanumeric
224	<i>Antibiotic Administration Route 37</i>	2	Alphanumeric
225	<i>Antibiotic Administration Date 37</i>	10	Date
226	<i>Antibiotic Administration Time 37</i>	5	Time
227	<i>Prophylactic Antibiotic 37</i>	1	Alphanumeric
228	<i>Antibiotic Name 38</i>	244	Alphanumeric
229	<i>Antibiotic Administration Route 38</i>	2	Alphanumeric
230	<i>Antibiotic Administration Date 38</i>	10	Date
231	<i>Antibiotic Administration Time 38</i>	5	Time
232	<i>Prophylactic Antibiotic 38</i>	1	Alphanumeric
233	<i>Antibiotic Name 39</i>	244	Alphanumeric
234	<i>Antibiotic Administration Route 39</i>	2	Alphanumeric
235	<i>Antibiotic Administration Date 39</i>	10	Date
236	<i>Antibiotic Administration Time 39</i>	5	Time
237	<i>Prophylactic Antibiotic 39</i>	1	Alphanumeric
238	<i>Antibiotic Name 40</i>	244	Alphanumeric
239	<i>Antibiotic Administration Route 40</i>	2	Alphanumeric
240	<i>Antibiotic Administration Date 40</i>	10	Date
241	<i>Antibiotic Administration Time 40</i>	5	Time
242	<i>Prophylactic Antibiotic 40</i>	1	Alphanumeric
243	<i>Antibiotic Name 41</i>	244	Alphanumeric
244	<i>Antibiotic Administration Route 41</i>	2	Alphanumeric
245	<i>Antibiotic Administration Date 41</i>	10	Date
246	<i>Antibiotic Administration Time 41</i>	5	Time
247	<i>Prophylactic Antibiotic 41</i>	1	Alphanumeric
248	<i>Antibiotic Name 42</i>	244	Alphanumeric
249	<i>Antibiotic Administration Route 42</i>	2	Alphanumeric
250	<i>Antibiotic Administration Date 42</i>	10	Date
251	<i>Antibiotic Administration Time 42</i>	5	Time
252	<i>Prophylactic Antibiotic 42</i>	1	Alphanumeric
253	<i>Antibiotic Name 43</i>	244	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
254	<i>Antibiotic Administration Route 43</i>	2	Alphanumeric
255	<i>Antibiotic Administration Date 43</i>	10	Date
256	<i>Antibiotic Administration Time 43</i>	5	Time
257	<i>Prophylactic Antibiotic 43</i>	1	Alphanumeric
258	<i>Antibiotic Name 44</i>	244	Alphanumeric
259	<i>Antibiotic Administration Route 44</i>	2	Alphanumeric
260	<i>Antibiotic Administration Date 44</i>	10	Date
261	<i>Antibiotic Administration Time 44</i>	5	Time
262	<i>Prophylactic Antibiotic 45</i>	1	Alphanumeric
263	<i>Antibiotic Name 45</i>	244	Alphanumeric
264	<i>Antibiotic Administration Route 45</i>	2	Alphanumeric
265	<i>Antibiotic Administration Date 45</i>	10	Date
266	<i>Antibiotic Administration Time 45</i>	5	Time
267	<i>Prophylactic Antibiotic 45</i>	1	Alphanumeric
268	<i>Antibiotic Name 46</i>	244	Alphanumeric
269	<i>Antibiotic Administration Route 46</i>	2	Alphanumeric
270	<i>Antibiotic Administration Date 46</i>	10	Date
271	<i>Antibiotic Administration Time 46</i>	5	Time
272	<i>Prophylactic Antibiotic 46</i>	1	Alphanumeric
273	<i>Antibiotic Name 47</i>	244	Alphanumeric
274	<i>Antibiotic Administration Route 47</i>	2	Alphanumeric
275	<i>Antibiotic Administration Date 47</i>	10	Date
276	<i>Antibiotic Administration Time 47</i>	5	Time
277	<i>Prophylactic Antibiotic 47</i>	1	Alphanumeric
278	<i>Antibiotic Name 48</i>	244	Alphanumeric
279	<i>Antibiotic Administration Route 48</i>	2	Alphanumeric
280	<i>Antibiotic Administration Date 48</i>	10	Date
281	<i>Antibiotic Administration Time 48</i>	5	Time
282	<i>Prophylactic Antibiotic 48</i>	1	Alphanumeric
283	<i>Antibiotic Name 49</i>	244	Alphanumeric
284	<i>Antibiotic Administration Route 49</i>	2	Alphanumeric
285	<i>Antibiotic Administration Date 49</i>	10	Date
286	<i>Antibiotic Administration Time 49</i>	5	Time
287	<i>Prophylactic Antibiotic 49</i>	1	Alphanumeric
288	<i>Antibiotic Name 50</i>	244	Alphanumeric
289	<i>Antibiotic Administration Route 50</i>	2	Alphanumeric
290	<i>Antibiotic Administration Date 50</i>	10	Date
291	<i>Antibiotic Administration Time 50</i>	5	Time
292	<i>Prophylactic Antibiotic 50</i>	1	Alphanumeric
293	<i>Antibiotic Name 51</i>	244	Alphanumeric
294	<i>Antibiotic Administration Route 51</i>	2	Alphanumeric
295	<i>Antibiotic Administration Date 51</i>	10	Date
296	<i>Antibiotic Administration Time 51</i>	5	Time

Position	Data Element Name	Data Element Length	Format Type
297	<i>Prophylactic Antibiotic 51</i>	1	Alphanumeric
298	<i>Antibiotic Name 52</i>	244	Alphanumeric
299	<i>Antibiotic Administration Route 52</i>	2	Alphanumeric
300	<i>Antibiotic Administration Date 52</i>	10	Date
301	<i>Antibiotic Administration Time 52</i>	5	Time
302	<i>Prophylactic Antibiotic 52</i>	1	Alphanumeric
303	<i>Antibiotic Name 53</i>	244	Alphanumeric
304	<i>Antibiotic Administration Route 53</i>	2	Alphanumeric
305	<i>Antibiotic Administration Date 53</i>	10	Date
306	<i>Antibiotic Administration Time 53</i>	5	Time
307	<i>Prophylactic Antibiotic 53</i>	1	Alphanumeric
308	<i>Antibiotic Name 54</i>	244	Alphanumeric
309	<i>Antibiotic Administration Route 54</i>	2	Alphanumeric
310	<i>Antibiotic Administration Date 54</i>	10	Date
311	<i>Antibiotic Administration Time 54</i>	5	Time
312	<i>Prophylactic Antibiotic 54</i>	1	Alphanumeric
313	<i>Antibiotic Name 55</i>	244	Alphanumeric
314	<i>Antibiotic Administration Route 55</i>	2	Alphanumeric
315	<i>Antibiotic Administration Date 55</i>	10	Date
316	<i>Antibiotic Administration Time 55</i>	5	Time
317	<i>Prophylactic Antibiotic 55</i>	1	Alphanumeric
318	<i>Antibiotic Name 56</i>	244	Alphanumeric
319	<i>Antibiotic Administration Route 56</i>	2	Alphanumeric
320	<i>Antibiotic Administration Date 56</i>	10	Date
321	<i>Antibiotic Administration Time 56</i>	5	Time
322	<i>Prophylactic Antibiotic 56</i>	1	Alphanumeric
323	<i>Antibiotic Name 57</i>	244	Alphanumeric
324	<i>Antibiotic Administration Route 57</i>	2	Alphanumeric
325	<i>Antibiotic Administration Date 57</i>	10	Date
326	<i>Antibiotic Administration Time 57</i>	5	Time
327	<i>Prophylactic Antibiotic 57</i>	1	Alphanumeric
328	<i>Antibiotic Name 58</i>	244	Alphanumeric
329	<i>Antibiotic Administration Route 58</i>	2	Alphanumeric
330	<i>Antibiotic Administration Date 58</i>	10	Date
331	<i>Antibiotic Administration Time 58</i>	5	Time
332	<i>Prophylactic Antibiotic 58</i>	1	Alphanumeric
333	<i>Antibiotic Name 59</i>	244	Alphanumeric
334	<i>Antibiotic Administration Route 59</i>	2	Alphanumeric
335	<i>Antibiotic Administration Date 59</i>	10	Date
336	<i>Antibiotic Administration Time 59</i>	5	Time
337	<i>Prophylactic Antibiotic 59</i>	1	Alphanumeric
338	<i>Antibiotic Name 60</i>	244	Alphanumeric
339	<i>Antibiotic Administration Route 60</i>	2	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
340	<i>Antibiotic Administration Date 60</i>	10	Date
341	<i>Antibiotic Administration Time 60</i>	5	Time
342	<i>Prophylactic Antibiotic 60</i>	1	Alphanumeric
343	<i>Antibiotic Name 61</i>	244	Alphanumeric
344	<i>Antibiotic Administration Route 61</i>	2	Alphanumeric
345	<i>Antibiotic Administration Date 61</i>	10	Date
346	<i>Antibiotic Administration Time 61</i>	5	Time
347	<i>Prophylactic Antibiotic 61</i>	1	Alphanumeric
348	<i>Antibiotic Name 62</i>	244	Alphanumeric
349	<i>Antibiotic Administration Route 62</i>	2	Alphanumeric
350	<i>Antibiotic Administration Date 62</i>	10	Date
351	<i>Antibiotic Administration Time 62</i>	5	Time
352	<i>Prophylactic Antibiotic 62</i>	1	Alphanumeric
353	<i>Antibiotic Name 63</i>	244	Alphanumeric
354	<i>Antibiotic Administration Route 63</i>	2	Alphanumeric
355	<i>Antibiotic Administration Date 63</i>	10	Date
356	<i>Antibiotic Administration Time 63</i>	5	Time
357	<i>Prophylactic Antibiotic 63</i>	1	Alphanumeric
358	<i>Antibiotic Name 64</i>	244	Alphanumeric
359	<i>Antibiotic Administration Route 64</i>	2	Alphanumeric
360	<i>Antibiotic Administration Date 64</i>	10	Date
361	<i>Antibiotic Administration Time 64</i>	5	Time
362	<i>Prophylactic Antibiotic 64</i>	1	Alphanumeric
363	<i>Antibiotic Name 65</i>	244	Alphanumeric
364	<i>Antibiotic Administration Route 65</i>	2	Alphanumeric
365	<i>Antibiotic Administration Date 65</i>	10	Date
366	<i>Antibiotic Administration Time 65</i>	5	Time
367	<i>Prophylactic Antibiotic 65</i>	1	Alphanumeric
368	<i>Antibiotic Name 66</i>	244	Alphanumeric
369	<i>Antibiotic Administration Route 66</i>	2	Alphanumeric
370	<i>Antibiotic Administration Date 66</i>	10	Date
371	<i>Antibiotic Administration Time 66</i>	5	Time
372	<i>Prophylactic Antibiotic 66</i>	1	Alphanumeric
373	<i>Antibiotic Name 67</i>	244	Alphanumeric
374	<i>Antibiotic Administration Route 67</i>	2	Alphanumeric
375	<i>Antibiotic Administration Date 67</i>	10	Date
376	<i>Antibiotic Administration Time 67</i>	5	Time
377	<i>Prophylactic Antibiotic 67</i>	1	Alphanumeric
378	<i>Antibiotic Name 68</i>	244	Alphanumeric
379	<i>Antibiotic Administration Route 68</i>	2	Alphanumeric
380	<i>Antibiotic Administration Date 68</i>	10	Date
381	<i>Antibiotic Administration Time 68</i>	5	Time
382	<i>Prophylactic Antibiotic 68</i>	1	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
383	<i>Antibiotic Name 69</i>	244	Alphanumeric
384	<i>Antibiotic Administration Route 69</i>	2	Alphanumeric
385	<i>Antibiotic Administration Date 69</i>	10	Date
386	<i>Antibiotic Administration Time 69</i>	5	Time
387	<i>Prophylactic Antibiotic 69</i>	1	Alphanumeric
388	<i>Antibiotic Name 70</i>	244	Alphanumeric
389	<i>Antibiotic Administration Route 70</i>	2	Alphanumeric
390	<i>Antibiotic Administration Date 70</i>	10	Date
391	<i>Antibiotic Administration Time 70</i>	5	Time
392	<i>Prophylactic Antibiotic 70</i>	1	Alphanumeric
393	<i>Antibiotic Name 71</i>	244	Alphanumeric
394	<i>Antibiotic Administration Route 71</i>	2	Alphanumeric
395	<i>Antibiotic Administration Date 71</i>	10	Date
396	<i>Antibiotic Administration Time 71</i>	5	Time
397	<i>Prophylactic Antibiotic 71</i>	1	Alphanumeric
398	<i>Antibiotic Name 72</i>	244	Alphanumeric
399	<i>Antibiotic Administration Route 72</i>	2	Alphanumeric
400	<i>Antibiotic Administration Date 72</i>	10	Date
401	<i>Antibiotic Administration Time 72</i>	5	Time
402	<i>Prophylactic Antibiotic 72</i>	1	Alphanumeric
403	<i>Antibiotic Name 73</i>	244	Alphanumeric
404	<i>Antibiotic Administration Route 73</i>	2	Alphanumeric
405	<i>Antibiotic Administration Date 73</i>	10	Date
406	<i>Antibiotic Administration Time 73</i>	5	Time
407	<i>Prophylactic Antibiotic 73</i>	1	Alphanumeric
408	<i>Antibiotic Name 74</i>	244	Alphanumeric
409	<i>Antibiotic Administration Route 74</i>	2	Alphanumeric
410	<i>Antibiotic Administration Date 74</i>	10	Date
411	<i>Antibiotic Administration Time 74</i>	5	Time
412	<i>Prophylactic Antibiotic 74</i>	1	Alphanumeric
413	<i>Antibiotic Name 75</i>	244	Alphanumeric
414	<i>Antibiotic Administration Route 75</i>	2	Alphanumeric
415	<i>Antibiotic Administration Date 75</i>	10	Date
416	<i>Antibiotic Administration Time 74</i>	5	Time
417	<i>Prophylactic Antibiotic 74</i>	1	Alphanumeric
418	<i>Surgery Performed During Stay</i>	1	Alphanumeric
419	<i>Infection PTA</i>	1	Alphanumeric
420	<i>Oral Antibiotics</i>	1	Alphanumeric
421	<i>Surgery Start Date</i>	10	Date
422	<i>Surgery Incision Time</i>	5	Time
423	<i>Surgery End Date</i>	10	Date
424	<i>Surgery End Time</i>	5	Time
425	<i>Postoperative Infections</i>	1	Alphanumeric

Position	Data Element Name	Data Element Length	Format Type
426	<i>Date of Infection (SIP)</i>	10	Date
427	<i>Type of Surgery</i>	1	Alphanumeric
428	<i>Other Surgeries</i>	1	Alphanumeric
429	<i>Performance Measurement System Identifier</i>	7	Alphanumeric
430	<i>Testcase Batch Number</i>	10	Numeric