

## Hospital CAHPS XML File Specification Version 4.7

This XML file specification (Version 4.7) applies to **1Q 2025 discharges and forward**.

Each file submission will represent one month of survey data for each hospital.

An HCAHPS XML file is made up of 3 parts: **1) header record 2) administrative data record 3) survey results record**.

There should be only one header record for each HCAHPS XML file. Each patient within the HCAHPS XML file should have an administrative data record, and if survey results are being submitted for the patient, they should have the survey results record.

Each field (except fields **strata-name**, **dsrs-inpatient**, **dsrs-eligible**, **dsrs-samplesize** and **npi** - see data element description for more details) of the header record and administrative data requires an entry for a valid data submission.

Survey results records are not required for a valid data submission but if survey results are included, then all answers must have an entry. Survey results records are required if the final <survey-status> is "1 - Completed survey" or "6 - Non-response: Break off".

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;monthlydata&gt;</b>  Opening Tag, defines the monthly survey data	This is the opening element of the file. The closing tag for this element will be at the end of the file. Attributes describe the element and are included within the opening and closing <> This XML tag should be defined with its attributes as shown below - <b>&lt;monthlydata xmlns="http://hcahps.ifmc.org" xmlns:xsi="http://www.w3.org/2025/XMLSchema-instance"&gt;</b>					
	See example.	N/A	N/A	NA	N/A	Yes
<b>The following section defines the format of the header record.</b>						
<b>&lt;header&gt;</b>  Opening Tag, defines the header record of monthly survey data	This is the opening element of the header record. The closing tag for this element will be at the end of the header record. <b>Note:</b> This tag is required in the XML document, however, it contains no data. This header element should only occur once per file.					
	None	N/A	N/A	NA	N/A	Yes
<b>&lt;provider-name&gt;</b>  Sub-element of header	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header element should only occur once per file. <b>Example: &lt;provider-name&gt;Sample Hospital&lt;/provider-name&gt;</b>					
	None	Name of the hospital represented by the survey.	N/A	Alphanumeric Character	100	Yes
<b>&lt;provider-id&gt;</b>  Sub-element of header	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header element will occur again as an administration data element in the patient level data record. <b>Example: &lt;provider-id&gt;123456&lt;/provider-id&gt;</b>					
	None	ID number of the hospital represented by the survey.	Valid 6 digit CMS Certification Number (formerly known as Medicare Provider Number).	Alphanumeric Character	10	Yes
<b>&lt;npi&gt;</b>  Sub-element of header	Each element must have a closing tag that is the same as the opening tag, but with a forward slash. This header element should only occur once per file. This is an optional data element at this time but may be required in the future. <b>Example: &lt;npi&gt;1234567890&lt;/npi&gt;</b>					
	None	National Provider Identifier	Valid 10 digit National Provider Identifier.	Numeric	10	No
<b>&lt;discharge-yr&gt;</b>  Sub-element of header	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header element will occur again as an administration data element in the patient level data record. <b>Example: &lt;discharge-yr&gt;2025&lt;/discharge-yr&gt;</b>					
	None	Year patient was discharged from the hospital.	YYYY YYYY = (2025 or greater) (cannot be 9999)	Numeric	4	Yes

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;discharge-month&gt;</b> Sub-element of header</p>	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header element will occur again as an administration data element in the patient level data record. <b>Example: &lt;discharge-month&gt;1&lt;/discharge-month&gt;</b></p>					
	None	Month patient was discharged from the hospital.	MM MM = (1-12) (cannot be 00, 13-99)	Numeric	2	Yes
<p><b>&lt;survey-mode&gt;</b> Sub-element of header</p>	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header data element should only occur once per file. <i>Note: The Survey Mode must be the same for all three months within a quarter.</i> <b>Example: &lt;survey-mode&gt;1&lt;/survey-mode&gt;</b></p>					
	None	<p>Mode of survey administration. Survey Mode must be the same for all three months within a quarter. Survey Mode cannot be modified once two months of data in the quarter have been submitted and accepted.</p>	1 - Mail Only	Numeric	1	Yes
			2 - Phone Only			
			3 - Mail-Phone			
			4 - Web-Mail			
			5 - Web-Phone			
6 - Web-Mail-Phone						
<p><b>&lt;determination-of-service-line&gt;</b> Sub-element of header</p>	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header data element should only occur once per file. <i>Note: The Determination of Service Line must be the same for all three months within a quarter.</i> <b>Example: &lt;determination-of-service-line&gt;1&lt;/determination-of-service-line&gt;</b></p>					
	None	<p>Methodology used by a facility to determine whether a patient falls into one of the three service line categories eligible for HCAHPS Survey. Determination of Service Line must be the same for all three months within a quarter. Determination of Service Line cannot be modified once two months of data in the quarter have been submitted and accepted.</p>	1 - V.43, V.42, V.41, V.40, V.39, V.38, V.37, V.36, V.35, V.34, V.33, V.32, V.31, V.30, V.29, V.28, V.27, V.26, or V.25 MS-DRG codes	Numeric	2	Yes
			2 - CMS V.24 DRG codes			
			3 - Mix of V.43, V.42, V.41, V.40, V.39, V.38, V.37, V.36, V.35, V.34, V.33, V.32, V.31, V.30, V.29, V.28, V.27, V.26, V.25 or V.24 codes based on payer source or a mix of MS-DRG and APR-DRG codes			
			4 - ICD-10 or ICD-9 codes			
			5 - Hospital unit			
			6 - APR-DRG codes			
			7 - Other - Approved Exception Request only			
			8 - Single Service Line - Maternity Care Only			
			9 - Single Service Line - Medical Only			
			10 - Single Service Line - Surgical Only			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;number-inpatient-discharge&gt;</b> Sub-element of header	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header element should only occur once per file. <b>Example: &lt;number-inpatient-discharge&gt;800&lt;/number-inpatient-discharge&gt;</b>					
	None	Number of inpatients discharged from the hospital for the month.	N/A	Numeric	10	Yes
<b>&lt;number-eligible-discharge&gt;</b> Sub-element of header	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header element should only occur once per file. <b>Example: &lt;number-eligible-discharge&gt;650&lt;/number-eligible-discharge&gt;</b>					
	None	Number of eligible patients discharged from the hospital for the month.	N/A	Numeric	10	Yes
<b>&lt;sample-size&gt;</b> Sub-element of header	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header element should only occur once per file. <b>Example: &lt;sample-size&gt;600&lt;/sample-size&gt;</b>					
	None	Number of eligible patients drawn into the sample for survey administration.	N/A	Numeric	10	Yes
<b>&lt;sample-type&gt;</b> Sub-element of header	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This header element should only occur once per file. <i>Note: Sample Type must be the same for all three months within a quarter.</i> <b>Example: &lt;sample-type&gt;3&lt;/sample-type&gt;</b>					
	None	Sample type must be the same for all three months within a quarter. Sample Type cannot be modified once two months of data in the quarter have been submitted and accepted.	1 - Simple random sample	Numeric	1	Yes
			2 - Proportionate stratified random sample			
			3 - Disproportionate stratified random sample			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;dsrs-strata&gt;</b> Sub-element of header</p>		<p>This is the beginning tag for the section that is used to collect data elements for sample type of Disproportionate Stratified Random Sample (DSRS). This tag is only used if the sampling type is DSRS (sample-type = 3). If the sampling type is DSRS, the XML file must include one <b>&lt;dsrs-strata&gt;</b> tag for each strata being defined. <b>This tag should not be included in the XML file if the sampling type utilized is not DSRS.</b></p> <p>Each &lt;dsrs-strata&gt; section, must have one each of the following associated data elements as shown below -</p> <p><b>Example: The following is an example that displays two strata being defined -</b></p> <pre> &lt;dsrs-strata&gt;   &lt;strata-name&gt;example strata one&lt;/strata-name&gt;   &lt;dsrs-inpatient&gt;800&lt;/dsrs-inpatient&gt;   &lt;dsrs-eligible&gt;200&lt;/dsrs-eligible&gt;   &lt;dsrs-samplesize&gt;125&lt;/dsrs-samplesize&gt; &lt;/dsrs-strata&gt; &lt;dsrs-strata&gt;   &lt;strata-name&gt;example strata two&lt;/strata-name&gt;   &lt;dsrs-inpatient&gt;500&lt;/dsrs-inpatient&gt;   &lt;dsrs-eligible&gt;300&lt;/dsrs-eligible&gt;   &lt;dsrs-samplesize&gt;170&lt;/dsrs-samplesize&gt; &lt;/dsrs-strata&gt;                     </pre>				
<p><b>&lt;strata-name&gt;</b> Sub-element of dsrs-strata</p>		<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. There should be one &lt;strata-name&gt; tag for each strata defined. This data element, which belongs to the &lt;dsrs-strata&gt; section, should only occur once per &lt;dsrs strata&gt; section. <b>This tag should not be included in the XML file if the sampling type utilized is not DSRS.</b></p> <p><b>Example: &lt;strata-name&gt;strata one&lt;/strata-name&gt;</b></p>				
	None	<p>If sample type selected is Disproportionate Stratified Random Sample (DSRS), <b>there should be at least two &lt;dsrs-strata&gt; sections.</b> Additional strata can be defined as needed. There should be one &lt;dsrs-strata&gt; tag for each strata defined.</p>	N/A	NA	N/A	No. Required only if sample-type is DSRS.
	None	<p>If sample type selected is Disproportionate Stratified Random Sample, <b>then at least two strata names should be defined.</b> No two strata names can be the same within one file. Strata names must be the same for all three months within a quarter. Strata names cannot be modified once two months of data in the quarter have been submitted and accepted. Strata names can be changed, added or deleted in subsequent quarters.</p>	NA	Alphanumeric Character	45	No. Required only if sample-type is DSRS.

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;dsrs-inpatient&gt;</b> Sub-element of dsrs-strata	Each element must have a closing tag that is the same as the opening tag but with a forward slash. There should be one <dsrs-inpatient> tag for each strata defined. This data element which belongs to the <dsrs-strata> section, should only occur once per <dsrs-strata> section. <b>This tag should not be included in the XML file if the sampling type utilized is not DSRS.</b> <b>Example: &lt;dsrs-inpatient&gt;800&lt;/dsrs-inpatient&gt;</b>					
	None	If disproportionate stratified random sample is utilized, this is the number of inpatient discharges within the associated strata.	NA	Numeric	10	No. Required only if sample-type is DSRS.
<b>&lt;dsrs-eligible&gt;</b> Sub-element of dsrs-strata	Each element must have a closing tag that is the same as the opening tag but with a forward slash. There should be one <dsrs-eligible> tag for each strata defined. This data element which belongs to the <dsrs-strata> section, should only occur once per <dsrs-strata> section. <b>This tag should not be included in the XML file if the sampling type utilized is not DSRS.</b> <b>Example: &lt;dsrs-eligible&gt;650&lt;/dsrs-eligible&gt;</b>					
	None	If disproportionate stratified random sample is utilized, this is the number of eligible patients within the associated strata.	NA	Numeric	10	No. Required only if sample-type is DSRS.
<b>&lt;dsrs-samplesize&gt;</b> Sub-element of dsrs-strata	Each element must have a closing tag that is the same as the opening tag but with a forward slash. There should be one <dsrs-samplesize> tag for each strata defined. This data element which belongs to the <dsrs-strata> section, should only occur once per <dsrs strata> section. <b>This tag should not be included in the XML file if the sampling type utilized is not DSRS.</b> <b>Example: &lt;dsrs-samplesize&gt;650&lt;/dsrs-samplesize&gt;</b>					
	None	If disproportionate stratified random sample is utilized, this is the number of sampled patients within the associated strata.	NA	Numeric	10	No. Required only if sample-type is DSRS.
<b>&lt;/dsrs-strata&gt;</b> Closing tag for dsrs-strata	None	<b>Note:</b> This closing tag is required in the XML document, if the sample type utilized is "3 - Disproportionate stratified random sample," however, it contains no data. This closing tag should occur once for each <dsrs-strata> section.				
<b>&lt;/header&gt;</b> Closing tag for header	None	<b>Note:</b> This closing element for the header is required in the XML document, however, it contains no data. This header element should only occur once per file.				

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>The following section defines the format of the patient level data record.</b>						
<b>&lt;patientleveldata&gt;</b>  Opening Tag, defines the patient level data record of monthly survey data	This is the opening element of the patient level data record. The closing tag for this element will be at the end of the patient level data record. <b>Note:</b> The <patientleveldata> section includes the opening and closing <patientleveldata> tags and all the tags between these two tags. The <patientleveldata> section is required in the XML file, if at least one patient is being submitted. If the <sample-size> is 0, and no patient data are being submitted, the <patientleveldata> section should not be included in the XML file. This patient level data element should only occur once per patient.					
	None	N/A	N/A	NA	N/A	Yes
<b>An administrative data record is required for each patient as follows:</b>						
<b>&lt;administration&gt;</b>  Opening Tag, defines the administrative data record within the patient level data record of monthly survey data	This is the opening element of the administrative record. The closing tag for this element will be at the end of the administrative data record. <b>Note:</b> There will be one <administration> section for each patient. The <administration> section includes the opening and closing <administration> tags and all the tags between these two tags. This <administration> section is required in the XML file for each patient being submitted. This <administration> element should only occur once per patient.					
	None	N/A	N/A	NA	N/A	Yes
<b>&lt;provider-id&gt;</b>  Sub-element of patientleveldata:administration	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration element also occurs in the previous header record. <b>Example: &lt;provider-id&gt;123456&lt;/provider-id&gt;</b>					
	None	ID number of the hospital represented by the survey.	Valid 6 digit CMS Certification Number (formerly known as Medicare Provider Number).	Alphanumeric Character	10	Yes
<b>&lt;discharge-yr&gt;</b>  Sub-element of patientleveldata:administration	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration element also occurs in the header record. <b>Example: &lt;discharge-yr&gt;2025&lt;/discharge-yr&gt;</b>					
	None	Year patient was discharged from the hospital.	YYYY YYYY = (2025 or greater) (cannot be 9999)	Numeric	4	Yes
<b>&lt;discharge-month&gt;</b>  Sub-element of patientleveldata:administration	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration element also occurs in the header record. <b>Example: &lt;discharge-month&gt;1&lt;/discharge-month&gt;</b>					
	None	Month patient was discharged from the hospital.	MM MM = (1 - 12) (cannot be 00, 13 - 99)	Numeric	2	Yes

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;patient-id&gt;</b> Sub-element of patientleveldata:administration	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration element should only occur once per patient. <b>Example: &lt;patient-id&gt;12345&lt;/patient-id&gt;</b>					
	None	Unique de-identified patient id assigned by the provider to uniquely identify the survey.	N/A	Alphanumeric Character	16	Yes
<b>&lt;admission-source&gt;</b> Point of Origin for Admission or Visit	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <b>Example: &lt;admission-source&gt;1&lt;/admission-source&gt;</b>					
	None	Source of inpatient admission for the patient. (same as UB-04 field location 15)	1 - Nonhealthcare Facility Point of Origin	Alphanumeric Character	1	Yes
			2 - Clinic or Physician's Office			
			4 - Transfer from a Hospital (Different Facility)			
			5 - Transfer from a SNF, ICF or ALF			
			6 - Transfer from Another Healthcare Facility			
			8 - Court/Law Enforcement			
			9 - Information Not Available			
			D - Transfer From One Distinct Unit of the Hospital to Another Distinct Unit of the Same Hospital Resulting in a Separate Claim to the Payer			
			E - Transfer from Ambulatory Surgery Center			
F - Transfer from Hospice Facility G - Transfer from a Designated Disaster Alternate Care Site (ACS)						
<b>&lt;principal-reason-admission&gt;</b> Sub-element of patientleveldata:administration	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <b>Note: If possible the Service Line should not be coded as "Missing."</b> <b>Example: &lt;principal-reason-admission&gt;1&lt;/principal-reason-admission&gt;</b>					
	None	Assignment of HCAHPS Service Line category.	1 - Maternity Care	Alphanumeric Character	1	Yes
			2 - Medical			
			3 - Surgical			
			X - Ineligible			
M - Missing						



XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;discharge-status&gt;</b> Sub-element of patientleveledata:administration</p>	None	Status of patient's discharge. (same as UB-04 field location 17)	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <b>Note: Patients with a Discharge Status of "Expired" (codes 20, 40, 41, or 42) must not be coded as having "Complete" surveys.</b> <b>Example: &lt;discharge-status&gt;66&lt;/discharge-status&gt;</b>	Alphanumeric Character	2	Yes
			1 - Home Care or Self-Care			
			2 - Short-Term General Hospital for Inpatient Care			
			3 - Medicare Certified Skilled Nursing Facility			
			4 - Intermediate Care Facility			
			5 - Designated Cancer Center or Children's Hospital			
			6 - Home with Home Health Services			
			7 - Left Against Medical Advice			
			9 - Admitted As an Inpatient to This Hospital			
			20 - Expired			
			21 - Discharged/Transferred to Court/Law Enforcement			
			30 - Still a Patient			
			40 - Expired at Home			
			41 - Expired in Medical Facility			
			42 - Expired, Place Unknown			
43 - Federal Healthcare Facility						
50 - Hospice - Home						
51 - Hospice - Medical Facility						

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;discharge-status&gt;</b>  Sub-element of patientleveledata:administration (cont'd)</p>	None	Status of patient's discharge. (same as UB-04 field location 17)	<p>61 - Medicare Approved Swing Bed within Hospital</p> <p>62 - Inpatient Rehabilitation Facility</p> <p>63 - Long Term Care Hospital</p> <p>64 - Medicaid Certified Nursing Facility</p> <p>65 - Psychiatric Hospital or Psychiatric Unit</p> <p>66 - Critical Access Hospital</p> <p>69 - Discharged/Transferred to a Designated Disaster Alternative Care Site (An alternate care site (ACS) provides basic patient care during a disaster response to a population that would otherwise be hospitalized or in a similar level of dependent care if those resources were available during the disaster. The federal government or state government must declare the disaster. ACS is not an institution; most likely it would be an armory or stadium.)</p> <p>70 - Discharged/Transferred to a Healthcare Institution Not Defined Elsewhere in the Code List</p> <p>81 - Discharged to home or self care with a planned acute care hospital inpatient readmission</p> <p>82 - Discharged/Transferred to a Short Term General Hospital for Inpatient Care with a Planned Acute Care Hospital Inpatient Readmission</p> <p>83 - Discharged/Transferred to a Medicare Certified Skilled Nursing Facility (SNF) with a Planned Acute Care Hospital Inpatient Readmission</p>	Alphanumeric Character	2	Yes

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;discharge-status&gt;</b>  Sub-element of patientleveledata:administration (cont'd)</p>	None	Status of patient's discharge. (same as UB-04 field location 17)	84 - Discharged/Transferred to a Facility that Provides Custodial or Supportive Care with a Planned Acute Care Hospital Inpatient Readmission	Alphanumeric Character	2	Yes
			85 - Discharged/Transferred to a Designated Cancer Center or Children's Hospital with a Planned Acute Care Hospital Inpatient Readmission			
			86 - Discharged/Transferred to Home Under Care of Organized Home Health Service Organization with Planned Acute Care Hospital Inpatient Readmission			
			87 - Discharged/Transferred to Court/Law Enforcement with a Planned Acute Care Hospital Inpatient Readmission			
			88 - Discharged/Transferred to Federal Health Care Facility with a Planned Acute Care Hospital Inpatient Readmission			
			89 - Discharged/Transferred to a Hospital-based Medicare Approved Swing Bed with a Planned Acute Care Hospital Inpatient Readmission			
			90 - Discharged/Transferred to an Inpatient Rehabilitation Facility (IRF) Including Rehabilitation Distinct Part Units of a Hospital with a Planned Acute Care Hospital Inpatient Readmission			
			91 - Discharged/Transferred to a Medicare Certified Long-term Care Hospital (LTCH) with a Planned Acute Care Hospital Inpatient Readmission			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;discharge-status&gt;</b>  Sub-element of patientleveldata:administration (cont'd)	None	Status of patient's discharge. (same as UB-04 field location 17)	92 - Discharged/Transferred to a Medicaid Certified Nursing Facility Not Certified Under Medicare with a Planned Acute Care Hospital Inpatient Readmission	Alphanumeric Character	2	Yes
			93 - Discharged/Transferred to a Psychiatric Distinct Part Unit of a Hospital with a Planned Acute Care Hospital Inpatient Readmission			
			94 - Discharged/Transferred to a Critical Access Hospital (CAH) with a Planned Acute Care Hospital Inpatient Readmission			
			95 - Discharged/Transferred to Another Type of Health-care Institution Not Defined Elsewhere in this Code List with a Planned Acute Care Hospital Inpatient Readmission			
			M - Missing			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;strata-name&gt;</b> Sub-element of patientleveldata:administration</p>	<p>This tag is required if the sampling type is DSRS (sample type 3). Name of the strata this patient belongs to. This name must match one of the strata defined in the header section of the XML file. If the sampling type is other than 3, this tag doesn't need to be included in the XML file. <b>Example: &lt;strata-name&gt;strata one&lt;/strata-name&gt;</b></p>					
	None	This is the name of the strata the patient belongs to. You can only use one of the valid strata names defined in the header for the data element <strata-name>	You can only use one of the valid strata names defined in the header for the data element <strata-name>	Alphanumeric Character	45	Yes
<p><b>&lt;survey-status&gt;</b> Sub-element of patientleveldata:administration</p>	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <i>Note: It is anticipated that Survey Status should not be coded as "Missing."</i> <b>Example: &lt;survey-status&gt;10&lt;/survey-status&gt;</b></p>					
	None	Disposition of survey.	1 - Completed survey	Alphanumeric Character	2	Yes
			2 - Ineligible: Deceased			
			3 - Ineligible: Not in eligible population			
			4 - Ineligible: Language barrier			
			5 - Ineligible: Mental/physical incapacity			
			6 - Non-response: Break off			
			7 - Non-response: Refusal			
			8 - Non-response: Non-response after maximum attempts			
			9 - Non-response: Bad address			
			10 - Non-response: Bad/no phone number			
M - Missing						

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;survey-completion-mode&gt;</b>  Sub-element of patientleveldata:administration</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This tag is required if the Survey Mode is Mail-Phone, Web-Mail, Web-Phone, or Web-Mail-Phone and the Survey Status is 1 - Completed Survey or 6 - Non-response: Break off. The values entered must match a value corresponding to the Survey Mode defined in the header section of the XML file. If the XML Element &lt;Survey Mode&gt; is other than Mail-Phone, Web-Mail, Web-Phone, or Web-Mail-Phone, this tag should not be included in the XML file. <b>Example: &lt;survey-completion-mode&gt;1&lt;/survey-completion-mode&gt;</b></p> <p>Survey Mode used to complete a survey administered via the Mail-Phone, Web-Mail, Web-Phone, or Web-Mail-Phone mode.</p>	<p>1 - Mail-Phone mode-mail</p>	Numeric	2	Yes, if Survey Mode is Mail-Phone, <b>Web-Mail, Web-Phone or Web-Mail-Phone</b> and Survey Status is 1-Completed Survey or 6-Non-response: Break off.
			<p>2 - Mail-Phone mode-phone</p>			
			<p>3 - <b>Web-Mail mode-web</b></p>			
			<p>4 - <b>Web-Mail mode-mail</b></p>			
			<p>5 - <b>Web-Phone mode-web</b></p>			
			<p>6 - <b>Web-Phone mode-phone</b></p>			
			<p>7 - <b>Web-Mail-Phone mode-web</b></p>			
			<p>8 - <b>Web-Mail-Phone mode-mail</b></p>			
			<p>9 - <b>Web-Mail-Phone mode-phone</b></p>			
			<p>10 - Not applicable</p>			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;number-survey-attempts-phone&gt;</b>  Sub-element of patientleveldata:administration</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This tag is required if the Survey Mode is Phone Only, Mail-Phone with a Survey Completion Mode answer of 2 - Mail-Phone-phone, Web-Phone with a Survey Completion Mode answer of 6 - Web-Phone mode-phone, or Web-Mail-Phone with a Survey Completion Mode answer of 9 - Web-Mail-Phone mode-phone. If the XML Element &lt;Survey Mode&gt; is other than Phone Only, Mail-Phone (phone), Web-Phone (phone), or Web-Mail-Phone (phone) this tag does not need to be included in the XML file. <b>Example: &lt;number-survey-attempts-phone&gt;1&lt;/number-survey-attempts-phone&gt;</b></p> <p>Number of phone contact attempt for which the survey was completed or final survey status code is determined. Phone Only, Mail-Phone, Web-Phone, or Web-Mail-Phone mode.</p>	<p>1 - First Phone attempt</p> <hr/> <p>2 - Second Phone attempt</p> <hr/> <p>3 - Third Phone attempt</p> <hr/> <p>4 - Fourth Phone attempt</p> <hr/> <p>5 - Fifth Phone attempt</p> <hr/> <p>8 - Not applicable</p>	Numeric	1	<p>Yes, if the Survey Mode is Phone Only mode, Mail-Phone mode with Survey Completion Mode = 2- Mail-Phone mode-phone, Web-Phone mode with Survey Completion Mode = 6-Web-Phone mode-phone, or Web-Mail-Phone mode with Survey Completion Mode = 9-Web-Mail-Phone mode-phone.</p>

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;number-survey-attempts-mail&gt;</b> Sub-element of patientleveldata:administration</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This tag is required if the Survey Mode is Mail Only or Web-Mail with a Survey Completion Mode answer of 4 - Web-Mail mode-mail. If the XML Element &lt;Survey Mode&gt; is other than Mail Only or Web-Mail (mail), this tag does not need to be included in the XML file. <b>Example: &lt;number-survey-attempts-mail&gt;1&lt;/number-survey-attempts-mail&gt;</b></p> <p>Mail wave for which the survey was completed or final survey status code is determined. Mail Only or Web-Mail mode.</p>	<p>1 - First wave mailing 2 - Second wave mailing 8 - Not applicable</p>	Numeric	1	Yes, if the Survey Mode is Mail Only mode or Survey Mode is Web-Mail mode with Survey Completion Mode = 4-Web-Mail mode-mail.
<p><b>&lt;number-survey-attempts-web&gt;</b> Sub-element of patientleveldata:administration</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This tag is required if the Survey Mode is Web-Mail with a Survey Completion Mode answer of 3 - Web-Mail mode-web, Web-Phone with a Survey Completion Mode answer of 5 - Web-Phone mode-web, or Web-Mail-Phone with a Survey Completion Mode answer of 7 - Web-Mail-Phone mode-web. If the XML Element &lt;Survey Mode&gt; is other than Web-Mail (web), Web-Phone (web) or Web-Mail-Phone (web), this tag does not need to be included in the XML file. <b>Example: &lt;number-survey-attempts-web&gt;1&lt;/number-survey-attempts-web&gt;</b></p> <p>Email invitation for which the survey was completed or final survey status code is determined. Web-Mail, Web-Phone or Web-Mail-Phone mode.</p>	<p>1 - First email invitation 2 - Second email invitation 3 - Third email invitation 8 - Not applicable</p>	Numeric	1	Yes, if the Survey Mode is Web-Mail mode with Survey Completion Mode = 3-Web-Mail mode-web, Survey Mode is Web-Phone mode with Survey Completion Mode = 5-Web-Phone mode-web, or Web-Mail-Phone mode with Survey Completion Mode = 7-Web-Mail-Phone mode-web.



XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;email-status&gt;</b>  Sub-element of patientleveldata:administration	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This tag is required if the Survey Mode is Web-Mail, Web-Phone or Web-Mail-Phone. If the XML Element <Survey Mode> is other than Web-Mail, Web-Phone or Web-Mail-Phone this tag does not need to be included in the XML file. <b>Example: &lt;email-status&gt;1&lt;/email-status&gt;</b>					
	None	Indicates if a patient email address was provided.	1 - Yes 2 - No 8 - Not applicable	Numeric	1	Yes, if Survey Mode is Web-Mail, Web-Phone, or Web-Mail-Phone.
<b>&lt;language&gt;</b>  Sub-element of patientleveldata:administration	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <b>Example: &lt;language&gt;1&lt;/language&gt;</b>					
	None	Identify survey language in which the survey was administered (or attempted to be administered) (English, Spanish, Chinese, Russian, Vietnamese, Portuguese, German, Tagalog, or Arabic)	1 - English 2 - Spanish 3 - Chinese 4 - Russian 5 - Vietnamese 6 - Portuguese 7 - German 8 - Tagalog 9 - Arabic 20 - Not applicable	Numeric	2	Yes
<b>&lt;lag-time&gt;</b>  Sub-element of patientleveldata:administration	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <b>Note: The Lag Time should not be coded as "Missing" or "888."</b> <b>Example: &lt;lag-time&gt;91&lt;/lag-time&gt;</b>					
	None	Number of days between patient's discharge date from the hospital and the date that data collection activities ended for the patient.	0-365 888 - Not applicable	Numeric	3	Yes
<b>&lt;supplemental-question-count&gt;</b>	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <b>Note: The "Supplemental Question Count" should not be coded as "Missing."</b> <b>Example: &lt;supplemental-question-count&gt;4&lt;/supplemental-question-count&gt;</b>					
	None	The count is the maximum number of supplemental questions available to the patient regardless if the questions are asked and/or answered.	0-12 M - Missing	Alphanumeric Character	2	Yes. Required for all HCAHPS Final Survey Status Codes.

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;patient-sex&gt;</b> Sub-element of patientleveldata:administration</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <b>Example:</b> &lt;patient-sex&gt;1&lt;/patient-sex&gt;</p> <p>Patient sex.</p>	1 - Male	Alphanumeric Character	1	Yes
			2 - Female			
			M - Missing			
<p><b>&lt;patient-age&gt;</b> Sub-element of patientleveldata:administration</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This administration data element should only occur once per patient. <b>Example:</b> &lt;patient-age&gt;1&lt;/patient-age&gt;</p> <p>Patient age at admission.</p>	0 - Under 18	Alphanumeric Character	2	Yes
			1 - 18 to 24			
			2 - 25 to 29			
			3 - 30 to 34			
			4 - 35 to 39			
			5 - 40 to 44			
			6 - 45 to 49			
			7 - 50 to 54			
			8 - 55 to 59			
			9 - 60 to 64			
			10 - 65 to 69			
			11 - 70 to 74			
			12 - 75 to 79			
			13 - 80 to 84			
			14 - 85 to 89			
			15 - 90 or older			
M - Missing/Unknown						
<p><b>&lt;/administration&gt;</b> Closing tag for administration</p>	None	<p><b>Note:</b> This tag is required in the XML file, however, it contains no data. This administration element should only occur once per patient.</p>				

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>A survey results (patient response) record is defined as the &lt;patient response&gt; and is defined as follows:</b>                      (Note: Survey results (patient response) records are not required for a valid data submission, however if survey results are included then all answers must have an entry. Survey results (patient response) record is required, if the final &lt;survey-status&gt; is "1 - Completed survey" or "6 - Nonresponse: Break off".)</p>						
<p><b>&lt;patientresponse&gt;</b>                       Opening Tag, defines the patient response data record within the patient level data record of monthly survey data</p>	None	<p>This is the opening element of the patient response record. The closing tag for this element will be at the end of the patient response record.  <b>Note:</b> There will be one &lt;patientresponse&gt; section for each patient if survey results are being submitted for the patient. The &lt;patientresponse&gt; section includes the opening and closing &lt;patientresponse&gt; tags and all the tags between these two tags. This &lt;patientresponse&gt; section is required in the XML file only if survey results are being submitted for the patient. If survey results are not being submitted for the patient, the &lt;patientresponse&gt; section should not be submitted. This patient response element should only occur once per patient.</p>	N/A	NA	N/A	Yes
<p><b>&lt;nurse-courtesy-respect&gt;</b>                       Sub-element of patientleveldata: patientresponse</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient.  <b>Example: &lt;nurse-courtesy-respect&gt;4&lt;/nurse-courtesy-respect&gt;</b></p>	<p>Question 1: Nurses courtesy and respect</p> <p>1 - Never                      2 - Sometimes                      3 - Usually                      4 - Always                      M - Missing/Don't know</p>	Alphanumeric Character	1	Yes
<p><b>&lt;nurse-listen&gt;</b>                       Sub-element of patientleveldata: patientresponse</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient.  <b>Example: &lt;nurse-listen&gt;4&lt;/nurse-listen&gt;</b></p>	<p>Question 2: Nurses listen.</p> <p>1 - Never                      2 - Sometimes                      3 - Usually                      4 - Always                      M - Missing/Don't know</p>	Alphanumeric Character	1	Yes
<p><b>&lt;nurse-explain&gt;</b>                       Sub-element of patientleveldata: patientresponse</p>	None	<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient.  <b>Example: &lt;nurse-explain&gt;4&lt;/nurse-explain&gt;</b></p>	<p>Question 3: Nurses explain.</p> <p>1 - Never                      2 - Sometimes                      3 - Usually                      4 - Always                      M - Missing/Don't know</p>	Alphanumeric Character	1	Yes

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;dr-courtesy-respect&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 4: Doctors courtesy and respect.	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			M - Missing/Don't know			
<b>&lt;dr-listen&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 5: Doctors listen.	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			M - Missing/Don't know			
<b>&lt;dr-explain&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 6: Doctors explain.	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			M - Missing/Don't know			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;cleanliness&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 7: Cleanliness	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			M - Missing/Don't know			
			Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;cleanliness&gt;4&lt;/cleanliness&gt;</b>			
<b>&lt;rest&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 8: Restfulness	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			M - Missing/Don't know			
			Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;rest&gt;4&lt;/rest&gt;</b>			
<b>&lt;quiet&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 9: Quiet.	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			M - Missing/Don't know			
			Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;quiet&gt;4&lt;/quiet&gt;</b>			
<b>&lt;informed-care&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 10: Informed Care	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			M - Missing/Don't know			
			Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;informed-care&gt;4&lt;/informed-care&gt;</b>			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;hosp-staff&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 11: Hospital Staff	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			M - Missing/Don't know			
<p><b>&lt;bathroom-screener&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 12: Bathroom (screener 1).	1 - Yes	Alphanumeric Character	1	Yes
			2 - No			
			M - Missing/Don't know			
<p><b>&lt;bathroom-help&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 13: Bathroom help.	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			8 - Not applicable			
			M - Missing/Don't know			
<p><b>&lt;help-right-away&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 14: Help right away	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			9 - I never asked for help right away			
			M - Missing/Don't know			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;new-med-screener&gt;</b> Sub-element of patientleveldata: patientresponse	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;new-med-screener&gt;1&lt;/new-med-screener&gt;</b>					
	None	Question 15: New meds (screener 2).	1 - Yes	Alphanumeric Character	1	Yes
			2 - No			
			M - Missing/Don't know			
<b>&lt;med-for&gt;</b> Sub-element of patientleveldata: patientresponse	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;med-for&gt;4&lt;/med-for&gt;</b>					
	None	Question 16: Medicine for.	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			8 - Not applicable			
			M - Missing/Don't know			
<b>&lt;side-effects&gt;</b> Sub-element of patientleveldata: patientresponse	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;side-effects&gt;4&lt;/side-effects&gt;</b>					
	None	Question 17: Side effects.	1 - Never	Alphanumeric Character	1	Yes
			2 - Sometimes			
			3 - Usually			
			4 - Always			
			8 - Not applicable			
M - Missing/Don't know						
<b>&lt;rest-recovery&gt;</b> Sub-element of patientleveldata: patientresponse	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;rest-recovery&gt;4&lt;/rest-recovery&gt;</b>					
	None	Question 18: Rest and recovery	1 - Yes, definitely	Alphanumeric Character	1	Yes
			2 - Yes, somewhat			
			3 - No			
			M - Missing/Don't know			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;care-after-stay&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 19: Care After Stay	1 - Yes, definitely	Alphanumeric Character	1	Yes
			2 - Yes, somewhat			
			3 - No			
			M - Missing/Don't know			
			<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;care-after-stay&gt;4&lt;/care-after-stay&gt;</b></p>			
<p><b>&lt;information-about-symptoms&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 20: Information about Symptoms	1 - Yes, definitely	Alphanumeric Character	1	Yes
			2 - Yes, somewhat			
			3 - No			
			9 - I did not have family or a caregiver watch for symptoms or health problems			
			M - Missing/Don't know			
<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;information-about-symptoms&gt;4&lt;/information-about-symptoms&gt;</b></p>						
<p><b>&lt;discharge-screener&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 21: Discharge (screener 3).	1 - Own home	Alphanumeric Character	1	Yes
			2 - Someone else's home			
			3 - Another health facility			
			M - Missing/Don't know			
			<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;discharge-screener&gt;1&lt;/discharge-screener&gt;</b></p>			
<p><b>&lt;help-after-discharge&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 22: Help after discharge.	1 - Yes	Alphanumeric Character	1	Yes
			2 - No			
			8 - Not applicable			
			M - Missing/Don't know			
			<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;help-after-discharge&gt;1&lt;/help-after-discharge&gt;</b></p>			



XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;symptoms&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 23: Symptoms.	1 - Yes	Alphanumeric Character	1	Yes
			2 - No			
			8 - Not applicable			
			M - Missing/Don't know			
<b>&lt;overall-rate&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 24: Overall rating.	0 - Worst hospital possible	Alphanumeric Character	2	Yes
			1			
			2			
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10 - Best hospital possible			
			M - Missing/Don't know			
<b>&lt;recommend&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 25: Recommend.	1 - Definitely no	Alphanumeric Character	1	Yes
			2 - Probably no			
			3 - Probably yes			
			4 - Definitely yes			
			M - Missing/Don't know			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;planned-stay&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 26: Stay planned in advance	1 - Yes, definitely	Alphanumeric Character	1	Yes
			2 - Yes, somewhat			
			3 - No			
			M - Missing/Don't know			
			<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;planned-stay&gt;4&lt;/planned-stay&gt;</b></p>			
<p><b>&lt;overall-health&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 27: Overall health.	1 - Excellent	Alphanumeric Character	1	Yes
			2 - Very good			
			3 - Good			
			4 - Fair			
			5 - Poor			
			M - Missing/Don't know			
			<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;overall-health&gt;4&lt;/overall-health&gt;</b></p>			
<p><b>&lt;mental-health&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 28: Mental health.	1 - Excellent	Alphanumeric Character	1	Yes
			2 - Very good			
			3 - Good			
			4 - Fair			
			5 - Poor			
			M - Missing/Don't know			
			<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;mental-health&gt;4&lt;/mental-health&gt;</b></p>			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;language-speak&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 29: Language.	1 - English	Alphanumeric Character	2	Yes
			2 - Spanish			
			3 - Chinese			
			20 - Another language			
			M - Missing/Don't know			
<p><b>&lt;education&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 30: Education.	1 - 8th grade or less	Alphanumeric Character	1	Yes
			2 - Some high school, but did not graduate			
			3 - High school graduate or GED			
			4 - Some college or 2-year degree			
			5 - 4-year college graduate			
			6 - More than 4-year college degree			
			M - Missing/Don't know			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;ethnic&gt;</b> Sub-element of patientleveldata: patientresponse</p>	None	Question 31: Ethnicity.	1 - No, not Spanish/Hispanic/Latino	Alphanumeric Character	1	Yes
			2 - Yes, Cuban			
			3 - Yes, Mexican, Mexican American, Chicano			
			4 - Yes, Puerto Rican			
			5 - Yes, other Spanish/Hispanic/Latino			
			M - Missing/Don't know			
			<p><b>&lt;race-amer-indian-ak&gt;</b> Sub-element of patientleveldata: patientresponse</p>			
0 - Not American Indian or Alaska native						
M - Missing/Don't know						
<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;ethnic&gt;1&lt;/ethnic&gt;</b></p>						
<p>Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;race-amer-indian-ak&gt;0&lt;/race-amer-indian-ak&gt;</b> If the check box for the race 'American Indian or Alaska native' is selected, enter value '1' for this data element If the check box for the race 'American Indian or Alaska native' is not selected (and at least one other check box for race is selected), enter value '0' for this data element If none of the check boxes for the race question are selected on the survey, enter the value 'M' for this data element and for all other race data elements</p>						

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<p><b>&lt;race-asian&gt;</b>  Sub-element of patientleveldata: patientresponse</p>	None	Question 32: Race, Asian.	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;race-asian&gt;0&lt;/race-asian&gt;</b> If the check box for the race 'Asian' is selected, enter value '1' for this data element If the check box for the race 'Asian' is not selected (and at least one other check box for race is selected), enter value '0' for this data element If none of the check boxes for the race question are selected on the survey, enter the value 'M' for this data element and for all other race data elements	Alphanumeric Character	1	Yes
			1 - Asian			
			0 - Not Asian			
			M - Missing/Don't know			
<p><b>&lt;race-african-amer&gt;</b>  Sub-element of patientleveldata: patientresponse</p>	None	Question 32: Race, African-American.	Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;race-african-amer&gt;0&lt;/race-african-amer&gt;</b> If the check box for the race 'Black or African-American' is selected, enter value '1' for this data element If the check box for the race 'Black or African-American' is not selected (and at least one other check box for race is selected), enter value '0' for this data element If none of the check boxes for the race question are selected on the survey, enter the value 'M' for this data element and for all other race data elements	Alphanumeric Character	1	Yes
			1 - Black or African-American			
			0 - Not Black or African-American			
			M - Missing/Don't know			

XML Element	Attributes	Description	Valid Values	Data Type	Max Field Size	Data Element Required
<b>&lt;race-hi-pacific-islander&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 32: Race, Pacific Islander.	1 - Native Hawaiian or Pacific Islander	Alphanumeric Character	1	Yes
			0 - Not Native Hawaiian or Pacific Islander			
			M - Missing/Don't know			
			Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;race-hi-pacific-islander&gt;0&lt;/race-hi-pacific-islander&gt;</b> If the check box for the race 'Native Hawaiian or Pacific Islander' is selected, enter value '1' for this data element If the check box for the race 'Native Hawaiian or Pacific Islander' is not selected (and at least one other check box for race is selected), enter value '0' for this data element If none of the check boxes for the race question are selected on the survey, enter the value 'M' for this data element and for all other race data elements			
<b>&lt;race-white&gt;</b> Sub-element of patientleveldata: patientresponse	None	Question 32: Race, White.	1 - White	Alphanumeric Character	1	Yes
			0 - Not White			
			M - Missing/Don't know			
			Each element must have a closing tag that is the same as the opening tag but with a forward slash. This patient response data element should only occur once per patient. <b>Example: &lt;race-white&gt;1&lt;/race-white&gt;</b> If the check box for the race 'White' is selected, enter value '1' for this data element If the check box for the race 'White' is <b>not</b> selected (and at least one other check box for race is selected), enter value '0' for this data element If none of the check boxes for the race question are selected on the survey, enter the value 'M' for this data element and for all other race data elements			
<b>&lt;/patientresponse&gt;</b> Closing tag for patientresponse	None	<b>Note:</b> This tag is required in the XML file, however, it contains no data. This patient response element should only occur once per patient.				
<b>&lt;/patientleveldata&gt;</b> Closing tag for patientleveldata	None	<b>Note:</b> This tag is required in the XML file, however, it contains no data. This patient level data element should only occur once per patient.				
<b>&lt;/monthlydata&gt;</b> Closing tag, defines the monthly survey data	None	<b>Note:</b> This tag is required in the XML file, however, it contains no data. This monthly data element should only occur once per patient.				

# HCAHPS Survey Sample XML File Layout

## Sample XML File Layout without DSRS V4.7

```
- <monthlydata xmlns="http://hcahps.ifmc.org"
  xmlns:xsi="http://www.w3.org/2025/XMLSchema-instance">
- <header>
  <provider-name>Some Hospital</provider-name>
  <provider-id>160035</provider-id>
  <npi>1234567893</npi>
  <discharge-yr>2025</discharge-yr>
  <discharge-month>1</discharge-month>
  <survey-mode>1</survey-mode>
  <determination-of-service-line>1</determination-of-service-line>
  <number-inpatient-discharge>150</number-inpatient-discharge>
  <number-eligible-discharge>100</number-eligible-discharge>
  <sample-size>35</sample-size>
  <sample-type>2</sample-type>
</header>
- <patientleveldata>
- <administration>
  <provider-id>160035</provider-id>
  <discharge-yr>2025</discharge-yr>
  <discharge-month>1</discharge-month>
  <patient-id>12345</patient-id>
  <admission-source>1</admission-source>
  <principal-reason-admission>3</principal-reason-admission>
  <discharge-status>1</discharge-status>
  <survey-status>1</survey-status>
  <survey-completion-mode>1</survey-completion-mode>
  <number-survey-attempts-mail>1</number-survey-attempts-mail>
  <email-status>1</email-status>
  <language>1</language>
  <lag-time>10</lag-time>
  <supplemental-question-count>4</supplemental-question-count>
  <patient-sex>1</patient-sex>
  <patient-age>1</patient-age>
</administration>
- <patientresponse>
  <nurse-courtesy-respect>1</nurse-courtesy-respect>
  <nurse-listen>1</nurse-listen>
  <nurse-explain>1</nurse-explain>
  <dr-courtesy-respect>1</dr-courtesy-respect>
  <dr-listen>1</dr-listen>
  <dr-explain>1</dr-explain>
  <cleanliness>1</cleanliness>
  <rest>1</rest>
  <quiet>1</quiet>
```

# HCAHPS Survey Sample XML File Layout

```
<informed-care>1</informed-care>
<hosp-staff>1</hosp-staff>
<bathroom-screener>1</bathroom-screener>
<bathroom-help>1</bathroom-help>
<help-right-away>1</help-right-away>
<new-med-screener>1</new-med-screener>
<med-for>1</med-for>
<side-effects>1</side-effects>
<rest-recovery>1</rest-recovery>
<care-after-stay>1</care-after-stay>
<information-about-symptoms>1</information-about-symptoms>
<discharge-screener>1</discharge-screener>
<help-after-discharge>1</help-after-discharge>
<symptoms>1</symptoms>
<overall-rate>1</overall-rate>
<recommend>1</recommend>
<planned-stay>1</planned-stay>
<overall-health>1</overall-health>
<mental-health>1</mental-health>
<language-speak>1</language-speak>
<education>1</education>
<ethnic>1</ethnic>
<race-amer-indian-ak>0</race-amer-indian-ak>
<race-asian>0</race-asian>
<race-african-amer>0</race-african-amer>
<race-hi-pacific-islander>0</race-hi-pacific-islander>
<race-white>1</race-white>
</patientresponse>
</patientleveldata>
- <patientleveldata>
  - <administration>
    <provider-id>160035</provider-id>
    <discharge-yr>2025</discharge-yr>
    <discharge-month>1</discharge-month>
    <patient-id>24556</patient-id>
    <admission-source>1</admission-source>
    <principal-reason-admission>3</principal-reason-admission>
    <discharge-status>1</discharge-status>
    <survey-status>1</survey-status>
    <survey-completion-mode>1</survey-completion-mode>
    <number-survey-attempts-mail>1</number-survey-attempts-mail>
    <email-status>1</email-status>
    <language>1</language>
    <lag-time>10</lag-time>
    <supplemental-question-count>4</supplemental-question-count>
    <patient-sex>1</patient-sex>
```



# HCAHPS Survey Sample XML File Layout

```
<patient-age>1</patient-age>
</administration>
- <patientresponse>
  <nurse-courtesy-respect>1</nurse-courtesy-respect>
  <nurse-listen>1</nurse-listen>
  <nurse-explain>1</nurse-explain>
  <dr-courtesy-respect>1</dr-courtesy-respect>
  <dr-listen>1</dr-listen>
  <dr-explain>1</dr-explain>
  <cleanliness>1</cleanliness>
  <rest>1</rest>
  <quiet>1</quiet>
  <informed-care>1</informed-care>
  <hosp-staff>1</hosp-staff>
  <bathroom-screener>1</bathroom-screener>
  <bathroom-help>1</bathroom-help>
  <help-right-away>1</help-right-away>
  <new-med-screener>1</new-med-screener>
  <med-for>1</med-for>
  <side-effects>1</side-effects>
  <rest-recovery>1</rest-recovery>
  <care-after-stay>1</care-after-stay>
  <information-about-symptoms>1</information-about-symptoms>
  <discharge-screener>1</discharge-screener>
  <help-after-discharge>1</help-after-discharge>
  <symptoms>1</symptoms>
  <overall-rate>1</overall-rate>
  <recommend>1</recommend>
  <planned-stay>1</planned-stay>
  <overall-health>1</overall-health>
  <mental-health>1</mental-health>
  <language-speak>1</language-speak>
  <education>1</education>
  <ethnic>1</ethnic>
  <race-amer-indian-ak>0</race-amer-indian-ak>
  <race-asian>0</race-asian>
  <race-african-amer>0</race-african-amer>
  <race-hi-pacific-islander>0</race-hi-pacific-islander>
  <race-white>1</race-white>
</patientresponse>
</patientleveldata>
</monthlydata>
```

# HCAHPS Survey Sample XML File Layout

## Sample XML File Layout with DSRS V4.7

```
- <monthlydata xmlns="http://hcahps.ifmc.org"
  xmlns:xsi="http://www.w3.org/2005/XMLSchema-instance">
- <header>
  <provider-name>Some Hospital</provider-name>
  <provider-id>160035</provider-id>
  <npi>1234567893</npi>
  <discharge-yr>2025</discharge-yr>
  <discharge-month>1</discharge-month>
  <survey-mode>1</survey-mode>
  <determination-of-service-line>1</determination-of-service-line>
  <number-inpatient-discharge>900</number-inpatient-discharge>
  <number-eligible-discharge>700</number-eligible-discharge>
  <sample-size>600</sample-size>
  <sample-type>3</sample-type>
- <dsrs-strata>
  <strata-name>strata one</strata-name>
  <dsrs-inpatient>300</dsrs-inpatient>
  <dsrs-eligible>250</dsrs-eligible>
  <dsrs-samplesize>240</dsrs-samplesize>
</dsrs-strata>
- <dsrs-strata>
  <strata-name>strata two</strata-name>
  <dsrs-inpatient>315</dsrs-inpatient>
  <dsrs-eligible>240</dsrs-eligible>
  <dsrs-samplesize>240</dsrs-samplesize>
</dsrs-strata>
- <dsrs-strata>
  <strata-name>strata three</strata-name>
  <dsrs-inpatient>270</dsrs-inpatient>
  <dsrs-eligible>210</dsrs-eligible>
  <dsrs-samplesize>120</dsrs-samplesize>
</dsrs-strata>
</header>
- <patientleveldata>
- <administration>
  <provider-id>160035</provider-id>
  <discharge-yr>2025</discharge-yr>
  <discharge-month>1</discharge-month>
  <patient-id>12345</patient-id>
  <admission-source>1</admission-source>
  <principal-reason-admission>3</principal-reason-admission>
  <discharge-status>1</discharge-status>
  <strata-name>strata one</strata-name>
  <survey-status>1</survey-status>
```

# HCAHPS Survey

## Sample XML File Layout

```
<survey-completion-mode>1</survey-completion-mode>
<number-survey-attempts-mail>1</number-survey-attempts-mail>
<email-status>1</email-status>
<language>1</language>
<lag-time>10</lag-time>
<supplemental-question-count>4</supplemental-question-count>
<patient-sex>1</patient-sex>
<patient-age>1</patient-age>
</administration>
- <patientresponse>
  <nurse-courtesy-respect>1</nurse-courtesy-respect>
  <nurse-listen>1</nurse-listen>
  <nurse-explain>1</nurse-explain>
  <dr-courtesy-respect>1</dr-courtesy-respect>
  <dr-listen>1</dr-listen>
  <dr-explain>1</dr-explain>
  <cleanliness>1</cleanliness>
  <rest>1</rest>
  <quiet>1</quiet>
  <informed-care>1</informed-care>
  <hosp-staff>1</hosp-staff>
  <bathroom-screener>1</bathroom-screener>
  <bathroom-help>1</bathroom-help>
  <help-right-away>1</help-right-away>
  <new-med-screener>1</new-med-screener>
  <med-for>1</med-for>
  <side-effects>1</side-effects>
  <rest-recovery>1</rest-recovery>
  <care-after-stay>1</care-after-stay>
  <information-about-symptoms>1</information-about-symptoms>
  <discharge-screener>1</discharge-screener>
  <help-after-discharge>1</help-after-discharge>
  <symptoms>1</symptoms>
  <overall-rate>1</overall-rate>
  <recommend>1</recommend>
  <planned-stay>1</planned-stay>
  <overall-health>1</overall-health>
  <mental-health>1</mental-health>
  <language-speak>1</language-speak>
  <education>1</education>
  <ethnic>1</ethnic>
  <race-amer-indian-ak>0</race-amer-indian-ak>
  <race-asian>0</race-asian>
  <race-african-amer>0</race-african-amer>
  <race-hi-pacific-islander>0</race-hi-pacific-islander>
  <race-white>1</race-white>
```

# HCAHPS Survey Sample XML File Layout

```
</patientresponse>
</patientleveldata>
- <patientleveldata>
  - <administration>
    <provider-id>160035</provider-id>
    <discharge-yr>2025</discharge-yr>
    <discharge-month>1</discharge-month>
    <patient-id>22256</patient-id>
    <admission-source>1</admission-source>
    <principal-reason-admission>3</principal-reason-admission>
    <discharge-status>1</discharge-status>
    <strata-name>strata two</strata-name>
    <survey-status>1</survey-status>
    <survey-completion-mode>1</survey-completion-mode>
    <number-survey-attempts-mail>1</number-survey-attempts-mail>
    <email-status>1</email-status>
    <language>1</language>
    <lag-time>10</lag-time>
    <supplemental-question-count>4</supplemental-question-count>
    <patient-sex>1</patient-sex>
    <patient-age>1</patient-age>
  </administration>
- <patientresponse>
  <nurse-courtesy-respect>1</nurse-courtesy-respect>
  <nurse-listen>1</nurse-listen>
  <nurse-explain>1</nurse-explain>
  <dr-courtesy-respect>1</dr-courtesy-respect>
  <dr-listen>1</dr-listen>
  <dr-explain>1</dr-explain>
  <cleanliness>1</cleanliness>
  <rest>1</rest>
  <quiet>1</quiet>
  <informed-care>1</informed-care>
  <hosp-staff>1</hosp-staff>
  <bathroom-screener>1</bathroom-screener>
  <bathroom-help>1</bathroom-help>
  <help-right-away>1</help-right-away>
  <new-med-screener>1</new-med-screener>
  <med-for>1</med-for>
  <side-effects>1</side-effects>
  <rest-recovery>1</rest-recovery>
  <care-after-stay>1</care-after-stay>
  <information-about-symptoms>1</information-about-symptoms>
  <discharge-screener>1</discharge-screener>
  <help-after-discharge>1</help-after-discharge>
  <symptoms>1</symptoms>
```

# HCAHPS Survey Sample XML File Layout

```
<overall-rate>1</overall-rate>
<recommend>1</recommend>
<planned-stay>1</planned-stay>
<overall-health>1</overall-health>
<mental-health>1</mental-health>
<language-speak>1</language-speak>
<education>1</education>
<ethnic>1</ethnic>
<race-amer-indian-ak>0</race-amer-indian-ak>
<race-asian>0</race-asian>
<race-african-amer>0</race-african-amer>
<race-hi-pacific-islander>0</race-hi-pacific-islander>
<race-white>1</race-white>
</patientresponse>
</patientleveldata>
- <patientleveldata>
  - <administration>
    <provider-id>160035</provider-id>
    <discharge-yr>2025</discharge-yr>
    <discharge-month>1</discharge-month>
    <patient-id>12666</patient-id>
    <admission-source>1</admission-source>
    <principal-reason-admission>3</principal-reason-admission>
    <discharge-status>1</discharge-status>
    <strata-name>strata three</strata-name>
    <survey-status>1</survey-status>
    <survey-completion-mode>1</survey-completion-mode>
    <number-survey-attempts-mail>1</number-survey-attempts-mail>
    <email-status>1</email-status>
    <language>1</language>
    <supplemental-question-count>4</supplemental-question-count>
    <patient-sex>1</patient-sex>
    <patient-age>1</patient-age>
  </administration>
- <patientresponse>
  <nurse-courtesy-respect>1</nurse-courtesy-respect>
  <nurse-listen>1</nurse-listen>
  <nurse-explain>1</nurse-explain>
  <dr-courtesy-respect>1</dr-courtesy-respect>
  <dr-listen>1</dr-listen>
  <dr-explain>1</dr-explain>
  <cleanliness>1</cleanliness>
  <rest>1</rest>
  <quiet>1</quiet>
  <informed-care>1</informed-care>
  <hosp-staff>1</hosp-staff>
```

# HCAHPS Survey Sample XML File Layout

```
<bathroom-screener>1</bathroom-screener>
<bathroom-help>1</bathroom-help>
<help-right-away>1</help-right-away>
<new-med-screener>1</new-med-screener>
<med-for>1</med-for>
<side-effects>1</side-effects>
<rest-recovery>1</rest-recovery>
<care-after-stay>1</care-after-stay>
<information-about-symptoms>1</information-about-symptoms>
<discharge-screener>1</discharge-screener>
<help-after-discharge>1</help-after-discharge>
<symptoms>1</symptoms>
<overall-rate>1</overall-rate>
<recommend>1</recommend>
<planned-stay>1</planned-stay>
<overall-health>1</overall-health>
<mental-health>1</mental-health>
<language-speak>1</language-speak>
<education>1</education>
<ethnic>1</ethnic>
<race-amer-indian-ak>0</race-amer-indian-ak>
<race-asian>0</race-asian>
<race-african-amer>0</race-african-amer>
<race-hi-pacific-islander>0</race-hi-pacific-islander>
<race-white>1</race-white>
</patientresponse>
</patientleveldata>
</monthlydata>
```