

MSH[1]

| Location  | Data Element                       | Data                           | Categorization |
|-----------|------------------------------------|--------------------------------|----------------|
| MSH-1     | Field Separator                    |                                |                |
| MSH-2     | Encoding Characters                | ^~&                            |                |
| MSH-3     | Sending Application                |                                |                |
| MSH-3.1   | Namespace ID                       | NISTIISAPP                     |                |
| MSH-3.2   | Universal ID                       | 2.16.840.1.113883.3.72.5.40.3  |                |
| MSH-3.3   | Universal ID Type                  | ISO                            |                |
| MSH-4     | Sending Facility                   |                                |                |
| MSH-4.1   | Namespace ID                       | NISTIISFAC                     |                |
| MSH-4.2   | Universal ID                       | 2.16.840.1.113883.3.72.5.40.4  |                |
| MSH-4.3   | Universal ID Type                  | ISO                            |                |
| MSH-5     | Receiving Application              |                                |                |
| MSH-5.1   | Namespace ID                       | NISTEHRAPP                     |                |
| MSH-5.2   | Universal ID                       | 2.16.840.1.113883.3.72.5.40.1  |                |
| MSH-5.3   | Universal ID Type                  | ISO                            |                |
| MSH-6     | Receiving Facility                 |                                |                |
| MSH-6.1   | Namespace ID                       | NISTEHRFAC                     |                |
| MSH-6.2   | Universal ID                       | 2.16.840.1.113883.3.72.5.40.2  |                |
| MSH-6.3   | Universal ID Type                  | ISO                            |                |
| MSH-7     | Date/Time Of Message               |                                |                |
| MSH-7.1   | Time                               | 20201025103328.758-0500        |                |
| MSH-9     | Message Type                       |                                |                |
| MSH-9.1   | Message Code                       | ACK                            |                |
| MSH-9.2   | Trigger Event                      | V04                            |                |
| MSH-9.3   | Message Structure                  | ACK                            |                |
| MSH-10    | Message Control ID                 | NIST-IZ-AD-8.2_Receive_ACK_Z23 |                |
| MSH-11    | Processing ID                      |                                |                |
| MSH-11.1  | Processing ID                      | P                              |                |
| MSH-12    | Version ID                         |                                |                |
| MSH-12.1  | Version ID                         | 2.5.1                          |                |
| MSH-15    | Accept Acknowledgment Type         | NE                             |                |
| MSH-16    | Application Acknowledgment Type    | NE                             |                |
| MSH-21    | Message Profile Identifier         |                                |                |
| MSH-21.1  | Entity Identifier                  | Z23                            |                |
| MSH-21.2  | Namespace ID                       | CDCPHINVS                      |                |
| MSH-21.3  | Universal ID                       |                                |                |
| MSH-21.4  | Universal ID Type                  |                                |                |
| MSH-22    | Sending Responsible Organization   |                                |                |
| MSH-22.1  | Organization Name                  | NISTIISFAC                     |                |
| MSH-22.6  | Assigning Authority                |                                |                |
| MSH-22.7  | Identifier Type Code               | XX                             |                |
| MSH-22.10 | Organization Identifier            | 100-3322                       |                |
| MSH-23    | Receiving Responsible Organization |                                |                |
| MSH-23.1  | Organization Name                  | NISTEHRFAC                     |                |
| MSH-23.6  | Assigning Authority                |                                |                |
| MSH-23.7  | Identifier Type Code               | XX                             |                |
| MSH-23.10 | Organization Identifier            | 100-6482                       |                |

MSA[1]

| Location | Data Element | Data | Categorization |
|----------|--------------|------|----------------|
|----------|--------------|------|----------------|

|       |                     |                             |  |
|-------|---------------------|-----------------------------|--|
| MSA-1 | Acknowledgment Code | AE                          |  |
| MSA-2 | Message Control ID  | NIST-IZ-AD-8.1_Send_V04_Z22 |  |

ERR[1]

| Location | Data Element           | Data   | Categorization |
|----------|------------------------|--|----------------|
| ERR-2    | Error Location         |  |                |
| ERR-2.1  | Segment ID             | RXR  |                |
| ERR-2.2  | Segment Sequence       | 2  |                |
| ERR-2.3  | Field Position         | 1  |                |
| ERR-2.4  | Field Repetition       | 1  |                |
| ERR-2.5  | Component Number       | 1  |                |
| ERR-2.6  | Sub-Component Number   |  |                |
| ERR-3    | HL7 Error Code         |  |                |
| ERR-3.1  | Identifier             | 999  |                |
| ERR-3.2  | Text                   | Application error  |                |
| ERR-3.3  | Name of Coding System  | HL70357  |                |
| ERR-4    | Severity               | W  |                |
| ERR-5    | Application Error Code |  |                |
| ERR-5.1  | Identifier             | 5  |                |
| ERR-5.2  | Text                   | Table value not found  |                |
| ERR-5.3  | Name of Coding System  | HL70533  |                |
| ERR-8    | User Message           | Administration Site not recognized - site data will not be saved |                |

| Location | Data Element          | Data                           | Categorization |
|----------|-----------------------|--------------------------------|----------------|
| MSH-1    | Field Separator       |                                |                |
| MSH-2    | Encoding Characters   | ^~\&                           |                |
| MSH-3    | Sending Application   |                                |                |
| MSH-3.1  | Namespace ID          | NISTIISAPP                     |                |
| MSH-3.2  | Universal ID          | 2.16.840.1.113883.3.72.5.40.3  |                |
| MSH-3.3  | Universal ID Type     | ISO                            |                |
| MSH-4    | Sending Facility      |                                |                |
| MSH-4.1  | Namespace ID          | NISTHSFAC                      |                |
| MSH-4.2  | Universal ID          | 2.16.840.1.113883.3.72.5.40.4  |                |
| MSH-4.3  | Universal ID Type     | ISO                            |                |
| MSH-5    | Receiving Application |                                |                |
| MSH-5.1  | Namespace ID          | NISTEHRAPP                     |                |
| MSH-5.2  | Universal ID          | 2.16.840.1.113883.3.72.5.40.1  |                |
| MSH-5.3  | Universal ID Type     | ISO                            |                |
| MSH-6    | Receiving Facility    |                                |                |
| MSH-6.1  | Namespace ID          | NISTEHRFAC                     |                |
| MSH-6.2  | Universal ID          | 2.16.840.1.113883.3.72.5.40.2  |                |
| MSH-6.3  | Universal ID Type     | ISO                            |                |
| MSH-7    | Date/Time Of Message  |                                |                |
| MSH-7.1  | Time                  | 20201025103328.758-0500        |                |
| MSH-9    | Message Type          |                                |                |
| MSH-9.1  | Message Code          | ACK                            |                |
| MSH-9.2  | Trigger Event         | V04                            |                |
| MSH-9.3  | Message Structure     | ACK                            |                |
| MSH-10   | Message Control ID    | NIST-IZ-AD-8.2_Receive_ACK_Z23 |                |
| MSH-11   | Processing ID         |                                |                |
| MSH-11.1 | Processing ID         | P                              |                |

|           |                                    |            |  |
|-----------|------------------------------------|------------|--|
| MSH-12    | Version ID                         |            |  |
| MSH-12.1  | Version ID                         | 2.5.1      |  |
| MSH-15    | Accept Acknowledgment Type         | NE         |  |
| MSH-16    | Application Acknowledgment Type    | NE         |  |
| MSH-21    | Message Profile Identifier         |            |  |
| MSH-21.1  | Entity Identifier                  | Z23        |  |
| MSH-21.2  | Namespace ID                       | CDCPHINVS  |  |
| MSH-21.3  | Universal ID                       |            |  |
| MSH-21.4  | Universal ID Type                  |            |  |
| MSH-22    | Sending Responsible Organization   |            |  |
| MSH-22.1  | Organization Name                  | NISTHISFAC |  |
| MSH-22.6  | Assigning Authority                |            |  |
| MSH-22.7  | Identifier Type Code               | XX         |  |
| MSH-22.10 | Organization Identifier            | 100-3322   |  |
| MSH-23    | Receiving Responsible Organization |            |  |
| MSH-23.1  | Organization Name                  | NISTEHRFAC |  |
| MSH-23.6  | Assigning Authority                |            |  |
| MSH-23.7  | Identifier Type Code               | XX         |  |
| MSH-23.10 | Organization Identifier            | 100-6482   |  |

| Location | Data Element        | Data                        | Categorization |
|----------|---------------------|-----------------------------|----------------|
| MSA-1    | Acknowledgment Code | AE                          |                |
| MSA-2    | Message Control ID  | NIST-IZ-AD-8.1_Send_V04_Z22 |                |

| Location | Data Element           | Data   | Categorization |
|----------|------------------------|--|----------------|
| ERR-2    | Error Location         |  |                |
| ERR-2.1  | Segment ID             | RXR  |                |
| ERR-2.2  | Segment Sequence       | 2  |                |
| ERR-2.3  | Field Position         | 1  |                |
| ERR-2.4  | Field Repetition       | 1  |                |
| ERR-2.5  | Component Number       | 1  |                |
| ERR-2.6  | Sub-Component Number   |  |                |
| ERR-3    | HL7 Error Code         |  |                |
| ERR-3.1  | Identifier             | 999  |                |
| ERR-3.2  | Text                   | Application error  |                |
| ERR-3.3  | Name of Coding System  | HL70357  |                |
| ERR-4    | Severity               | W  |                |
| ERR-5    | Application Error Code |  |                |
| ERR-5.1  | Identifier             | 5  |                |
| ERR-5.2  | Text                   | Table value not found  |                |
| ERR-5.3  | Name of Coding System  | HL70533  |                |
| ERR-8    | User Message           | Administration Site not recognized - site data will not be saved |                |