

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                       |                                |                |
| MSH-3.3    | Universal ID Type                  |                                |                |
| MSH-4      | Sending Facility                   |                                |                |
| MSH-4.1    | Namespace ID                       | NISTIISFAC                     |                |
| MSH-4.2    | Universal ID                       |                                |                |
| MSH-4.3    | Universal ID Type                  |                                |                |
| MSH-5      | Receiving Application              |                                |                |
| MSH-5.1    | Namespace ID                       | NISTEHRAPP                     |                |
| MSH-5.2    | Universal ID                       |                                |                |
| MSH-5.3    | Universal ID Type                  |                                |                |
| MSH-6      | Receiving Facility                 |                                |                |
| MSH-6.1    | Namespace ID                       | NISTEHRFAC                     |                |
| MSH-6.2    | Universal ID                       |                                |                |
| MSH-6.3    | Universal ID Type                  |                                |                |
| MSH-7      | Date/Time Of Message               |                                |                |
| MSH-7.1    | Time                               | 20150624093847.822-0500        |                |
| 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-6.2_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-22.6.1 | Namespace ID                       |                                |                |
| MSH-22.6.2 | Universal ID                       |                                |                |
| MSH-22.6.3 | Universal ID Type                  |                                |                |
| MSH-22.7   | Identifier Type Code               |                                |                |
| MSH-22.10  | Organization Identifier            |                                |                |
| MSH-23     | Receiving Responsible Organization |                                |                |
| MSH-23.1   | Organization Name                  | NISTEHRFAC                     |                |
| MSH-23.6   | Assigning Authority                |                                |                |
| MSH-23.6.1 | Namespace ID                       |                                |                |
| MSH-23.6.2 | Universal ID                       |                                |                |
| MSH-23.6.3 | Universal ID Type                  |                                |                |

|           |                         |  |  |
|-----------|-------------------------|--|--|
| MSH-23.7  | Identifier Type Code    |  |  |
| MSH-23.10 | Organization Identifier |  |  |

MSA[1]

| Location | Data Element        | Data                        | Categorization |
|----------|---------------------|-----------------------------|----------------|
| MSA-1    | Acknowledgment Code | AA                          |                |
| MSA-2    | Message Control ID  | NIST-IZ-AD-6.1_Send_V04_Z22 |                |

| 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                     |                                |                |
| MSH-3.3    | Universal ID Type                |                                |                |
| MSH-4      | Sending Facility                 |                                |                |
| MSH-4.1    | Namespace ID                     | NISTIISFAC                     |                |
| MSH-4.2    | Universal ID                     |                                |                |
| MSH-4.3    | Universal ID Type                |                                |                |
| MSH-5      | Receiving Application            |                                |                |
| MSH-5.1    | Namespace ID                     | NISTEHRAPP                     |                |
| MSH-5.2    | Universal ID                     |                                |                |
| MSH-5.3    | Universal ID Type                |                                |                |
| MSH-6      | Receiving Facility               |                                |                |
| MSH-6.1    | Namespace ID                     | NISTEHRFAC                     |                |
| MSH-6.2    | Universal ID                     |                                |                |
| MSH-6.3    | Universal ID Type                |                                |                |
| MSH-7      | Date/Time Of Message             |                                |                |
| MSH-7.1    | Time                             | 20150624093847.822-0500        |                |
| 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-6.2_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-22.6.1 | Namespace ID                     |                                |                |
| MSH-22.6.2 | Universal ID                     |                                |                |
| MSH-22.6.3 | Universal ID Type                |                                |                |

|            |                                    |            |  |
|------------|------------------------------------|------------|--|
| MSH-22.7   | Identifier Type Code               |            |  |
| MSH-22.10  | Organization Identifier            |            |  |
| MSH-23     | Receiving Responsible Organization |            |  |
| MSH-23.1   | Organization Name                  | NISTEHRFAC |  |
| MSH-23.6   | Assigning Authority                |            |  |
| MSH-23.6.1 | Namespace ID                       |            |  |
| MSH-23.6.2 | Universal ID                       |            |  |
| MSH-23.6.3 | Universal ID Type                  |            |  |
| MSH-23.7   | Identifier Type Code               |            |  |
| MSH-23.10  | Organization Identifier            |            |  |

| Location | Data Element        | Data                        | Categorization |
|----------|---------------------|-----------------------------|----------------|
| MSA-1    | Acknowledgment Code | AA                          |                |
| MSA-2    | Message Control ID  | NIST-IZ-AD-6.1_Send_V04_Z22 |                |