

## MSH : Message Header

| 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                             | 20150624073734.034-0500        |                |
| 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-1.2_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 : Message Acknowledgment

| Location | Data Element        | Data                        | Categorization |
|----------|---------------------|-----------------------------|----------------|
| MSA-1    | Acknowledgment Code | AA                          |                |
| MSA-2    | Message Control ID  | NIST-IZ-AD-1.1_Send_V04_Z22 |                |