

## MSH : Message Header

| Location | Data Element                    | Data                           | Categorization               |
|----------|---------------------------------|--------------------------------|------------------------------|
| MSH-1    | Field Separator                 |                                | Value-Profile Fixed          |
| MSH-2    | Encoding Characters             | ^~\&                           | Value-Profile Fixed          |
| MSH-3    | Sending Application             |                                |                              |
| MSH-3.1  | Namespace ID                    | NISTIISAPP                     | Presence-Configuration       |
| MSH-3.2  | Universal ID                    |                                | Indifferent                  |
| MSH-3.3  | Universal ID Type               |                                | Indifferent                  |
| MSH-4    | Sending Facility                |                                |                              |
| MSH-4.1  | Namespace ID                    | NISTIISFAC                     | Presence-Configuration       |
| MSH-4.2  | Universal ID                    |                                | Indifferent                  |
| MSH-4.3  | Universal ID Type               |                                | Indifferent                  |
| MSH-5    | Receiving Application           |                                |                              |
| MSH-5.1  | Namespace ID                    | NISTEHRAPP                     | Presence-Configuration       |
| MSH-5.2  | Universal ID                    |                                | Indifferent                  |
| MSH-5.3  | Universal ID Type               |                                | Indifferent                  |
| MSH-6    | Receiving Facility              |                                |                              |
| MSH-6.1  | Namespace ID                    | NISTEHRFAC                     | Presence-Configuration       |
| MSH-6.2  | Universal ID                    |                                | Indifferent                  |
| MSH-6.3  | Universal ID Type               |                                | Indifferent                  |
| MSH-7    | Date/Time Of Message            |                                |                              |
| MSH-7.1  | Time                            | 20150625115038.044-0500        | Presence-System Generated    |
| MSH-9    | Message Type                    |                                |                              |
| MSH-9.1  | Message Code                    | ACK                            | Value-Profile Fixed          |
| MSH-9.2  | Trigger Event                   | V04                            | Value-Profile Fixed          |
| MSH-9.3  | Message Structure               | ACK                            | Value-Profile Fixed          |
| MSH-10   | Message Control ID              | NIST-IZ-AD-9.2_Receive_ACK_Z23 | Presence-System Generated    |
| MSH-11   | Processing ID                   |                                |                              |
| MSH-11.1 | Processing ID                   | P                              | Presence-Content Indifferent |
| MSH-12   | Version ID                      |                                |                              |
| MSH-12.1 | Version ID                      | 2.5.1                          | Value-Profile Fixed          |
| MSH-15   | Accept Acknowledgment Type      | NE                             | Value-Profile Fixed          |
| MSH-16   | Application Acknowledgment Type | NE                             | Value-Profile Fixed          |
| MSH-21   | Message Profile                 |                                |                              |

|            |                                    |            |                        |
|------------|------------------------------------|------------|------------------------|
|            | Identifier                         |            |                        |
| MSH-21.1   | Entity Identifier                  | Z23        | Value-Profile Fixed    |
| MSH-21.2   | Namespace ID                       | CDCPHINVS  | Value-Profile Fixed    |
| MSH-21.3   | Universal ID                       |            | Indifferent            |
| MSH-21.4   | Universal ID Type                  |            | Indifferent            |
| MSH-22     | Sending Responsible Organization   |            |                        |
| MSH-22.1   | Organization Name                  | NISTEHRFAC | Presence-Configuration |
| MSH-22.6   | Assigning Authority                |            |                        |
| MSH-22.6.1 | Namespace ID                       |            | Presence-Configuration |
| MSH-22.6.2 | Universal ID                       |            | Indifferent            |
| MSH-22.6.3 | Universal ID Type                  |            | Indifferent            |
| MSH-22.7   | Identifier Type Code               |            | Indifferent            |
| MSH-22.10  | Organization Identifier            |            | Indifferent            |
| MSH-23     | Receiving Responsible Organization |            |                        |
| MSH-23.1   | Organization Name                  | NISTIISFAC | Presence-Configuration |
| MSH-23.6   | Assigning Authority                |            |                        |
| MSH-23.6.1 | Namespace ID                       |            | Presence-Configuration |
| MSH-23.6.2 | Universal ID                       |            | Indifferent            |
| MSH-23.6.3 | Universal ID Type                  |            | Indifferent            |
| MSH-23.7   | Identifier Type Code               |            | Indifferent            |
| MSH-23.10  | Organization Identifier            |            | Indifferent            |

### MSA : Message Acknowledgment

| Location | Data Element        | Data                        | Categorization |
|----------|---------------------|-----------------------------|----------------|
| MSA-1    | Acknowledgment Code | AE                          |                |
| MSA-2    | Message Control ID  | NIST-IZ-AD-9.1_Send_V04_Z22 |                |

### ERR[\*]

#### ERR : Error

| Location | Data Element     | Data | Categorization |
|----------|------------------|------|----------------|
| ERR-2    | Error Location   |      |                |
| ERR-2.1  | Segment ID       | RXR  |                |
| ERR-2.2  | Segment Sequence | 1    |                |
| ERR-2.3  | Field Position   | 2    |                |

|         |                        |  |  |
|---------|------------------------|--|--|
| 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 |  |

#### ERR : Error

| 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         | 2                     |                |
| 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               |                |
|          |                        | Administration Site   |                |

|       |              |   |  |
|-------|--------------|---|--|
| ERR-8 | User Message | not recognized - site<br>data will not be saved |  |
|-------|--------------|---|--|