

## All Segments

### 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                     |                         |                |
| MSH.3.2    | Universal ID                     |                         |                |
| MSH.3.3    | Universal ID Type                |                         |                |
| MSH.4      | Sending Facility                 |                         |                |
| MSH.4.1    | Namespace ID                     | IIS                     |                |
| MSH.4.2    | Universal ID                     |                         |                |
| MSH.4.3    | Universal ID Type                |                         |                |
| MSH.5      | Receiving Application            |                         |                |
| MSH.5.1    | Namespace ID                     |                         |                |
| MSH.5.2    | Universal ID                     |                         |                |
| MSH.5.3    | Universal ID Type                |                         |                |
| MSH.6      | Receiving Facility               |                         |                |
| MSH.6.1    | Namespace ID                     | wcEHR                   |                |
| MSH.6.2    | Universal ID                     |                         |                |
| MSH.6.3    | Universal ID Type                |                         |                |
| MSH.7      | Date/Time Of Message             |                         |                |
| MSH.7.1    | Time                             | 20150625121047.853-0500 |                |
| 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               | 20428                   |                |
| 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                | IIS                     |                |
| 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                  | weEHR |  |
| 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 | AE    |                |
| MSA.2    | Message Control ID  | 35560 |                |

### ERR : Error

| Location | Data Element                    | Data   | Categorization |
|----------|---------------------------------|--|----------------|
| ERR.2    | Error Location                  |  |                |
| ERR.2.1  | Segment ID                      | RXA  |                |
| ERR.2.2  | Segment Sequence                | 1  |                |
| ERR.2.3  | Field Position                  | 5  |                |
| 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.3.5  | Alternate Text                  |  |                |
| ERR.3.6  | Name of Alternate Coding System |  |                |
| ERR.4    | Severity                        | E  |                |
| 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.5.5  | Alternate Text                  |  |                |
| ERR.5.6  | Name of Alternate Coding System |  |                |
| ERR.8    | User Message                    | Vaccine code not recognized - message rejected |                |

## 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                     |                         |                |
| MSH.3.2    | Universal ID                     |                         |                |
| MSH.3.3    | Universal ID Type                |                         |                |
| MSH.4      | Sending Facility                 |                         |                |
| MSH.4.1    | Namespace ID                     | IIS                     |                |
| MSH.4.2    | Universal ID                     |                         |                |
| MSH.4.3    | Universal ID Type                |                         |                |
| MSH.5      | Receiving Application            |                         |                |
| MSH.5.1    | Namespace ID                     |                         |                |
| MSH.5.2    | Universal ID                     |                         |                |
| MSH.5.3    | Universal ID Type                |                         |                |
| MSH.6      | Receiving Facility               |                         |                |
| MSH.6.1    | Namespace ID                     | wcEHR                   |                |
| MSH.6.2    | Universal ID                     |                         |                |
| MSH.6.3    | Universal ID Type                |                         |                |
| MSH.7      | Date/Time Of Message             |                         |                |
| MSH.7.1    | Time                             | 20150625121047.853-0500 |                |
| 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               | 20428                   |                |
| 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                | IIS                     |                |
| 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                  | weEHR |  |
| 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 | AE    |                |
| MSA.2    | Message Control ID  | 35560 |                |

### ERR : Error

| Location | Data Element                    | Data   | Categorization |
|----------|---------------------------------|--|----------------|
| ERR.2    | Error Location                  |  |                |
| ERR.2.1  | Segment ID                      | RXA  |                |
| ERR.2.2  | Segment Sequence                | 1  |                |
| ERR.2.3  | Field Position                  | 5  |                |
| 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.3.5  | Alternate Text                  |  |                |
| ERR.3.6  | Name of Alternate Coding System |  |                |
| ERR.4    | Severity                        | E  |                |
| 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.5.5  | Alternate Text                  |  |                |
| ERR.5.6  | Name of Alternate Coding System |  |                |
| ERR.8    | User Message                    | Vaccine code not recognized - message rejected |                |