

**MSH : MSH Segment Adopting Fields from 2.7.1**

| 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                       | SUT-APP                          | Presence-Configuration       |
| MSH-3.2    | Universal ID                       |                                  |                              |
| MSH-3.3    | Universal ID Type                  |                                  |                              |
| MSH-4      | Sending Facility                   |                                  |                              |
| MSH-4.1    | Namespace ID                       | OFM                              | Presence-Configuration       |
| MSH-4.2    | Universal ID                       |                                  |                              |
| MSH-4.3    | Universal ID Type                  |                                  |                              |
| MSH-5      | Receiving Application              |                                  |                              |
| MSH-5.1    | Namespace ID                       | IIP-IIS-APP                      | Presence-Configuration       |
| MSH-5.2    | Universal ID                       |                                  |                              |
| MSH-5.3    | Universal ID Type                  |                                  |                              |
| MSH-6      | Receiving Facility                 |                                  |                              |
| MSH-6.1    | Namespace ID                       | IIP                              | Presence-Configuration       |
| MSH-6.2    | Universal ID                       |                                  |                              |
| MSH-6.3    | Universal ID Type                  |                                  |                              |
| MSH-7      | Date/Time Of Message               |                                  |                              |
| MSH-7.1    | Time                               | 20240405093021-0500              | Presence-System Generated    |
| MSH-9      | Message Type                       |                                  |                              |
| MSH-9.1    | Message Code                       | QBP                              | Value-Profile Fixed          |
| MSH-9.2    | Trigger Event                      | Q11                              | Value-Profile Fixed          |
| MSH-9.3    | Message Structure                  | QBP_Q11                          | Value-Profile Fixed          |
| MSH-10     | Message Control ID                 | IIP4102                          | 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         | ER                               | Value-Profile Fixed          |
| MSH-16     | Application Acknowledgment Type    | AL                               | Value-Profile Fixed          |
| MSH-21     | Message Profile Identifier         |                                  |                              |
| MSH-21.1   | Entity Identifier                  | Z44                              | Value-Test Case Fixed        |
| MSH-21.2   | Namespace ID                       | CDCPHINVS                        | Value-Profile Fixed          |
| MSH-21.3   | Universal ID                       |                                  |                              |
| MSH-21.4   | Universal ID Type                  |                                  |                              |
| MSH-22     | Sending Responsible Organization   |                                  |                              |
| MSH-22.1   | Organization Name                  | Oregon Family Medicine           | Presence-Configuration       |
| MSH-22.6   | Assigning Authority                |                                  |                              |
| MSH-22.6.1 | Namespace ID                       | OFM                              | Presence-Configuration       |
| MSH-22.6.2 | Universal ID                       |                                  |                              |
| MSH-22.6.3 | Universal ID Type                  |                                  |                              |
| MSH-22.7   | Identifier Type Code               | XX                               | Value-Test Case Fixed        |
| MSH-22.10  | Organization Identifier            | 197028                           | Presence-Configuration       |
| MSH-23     | Receiving Responsible Organization |                                  |                              |
| MSH-23.1   | Organization Name                  | Immunization Integration Program | Presence-Configuration       |
| MSH-23.6   | Assigning Authority                |                                  |                              |

|            |                         |        |                        |
|------------|-------------------------|--------|------------------------|
| MSH-23.6.1 | Namespace ID            | IIP    | Presence-Configuration |
| MSH-23.6.2 | Universal ID            |        |                        |
| MSH-23.6.3 | Universal ID Type       |        |                        |
| MSH-23.7   | Identifier Type Code    | XX     | Value-Test Case Fixed  |
| MSH-23.10  | Organization Identifier | 197027 | Presence-Configuration |

### QPD : Query Parameter Definition

| Location  | Data Element                                       | Data                                   | Categorization               |
|-----------|--|--|------------------------------|
| QPD-1     | Message Query Name                                 |  |                              |
| QPD-1.1   | Identifier   | Z44                                    | Value-Test Case Fixed        |
| QPD-1.2   | Text   | Request Evaluated History and Forecast | Value-Test Case Fixed        |
| QPD-1.3   | Name of Coding System                              | CDCPHINVS                              | Value-Profile Fixed          |
| QPD-1.4   | Alternate Identifier                               |  |                              |
| QPD-1.5   | Alternate Text                                     |  |                              |
| QPD-1.6   | Name of Alternate Coding System                    |  |                              |
| QPD-2     | Query Tag  | IIPQUERY3                              | Presence-System Generated    |
| QPD-3     | Patient List                                       |  |                              |
| QPD-3.1   | ID Number  | 6666                                   | Value-Test Case Fixed        |
| QPD-3.4   | Assigning Authority                                |  |                              |
| QPD-3.4.1 | Namespace ID                                       | IIP-MPI-1                              | Value-Test Case Fixed        |
| QPD-3.4.2 | Universal ID                                       |  |                              |
| QPD-3.4.3 | Universal ID Type                                  |  |                              |
| QPD-3.5   | Identifier Type Code                               | MR                                     | Value-Test Case Fixed        |
| QPD-4     | Patient Name                                       |  |                              |
| QPD-4.1   | Family Name  |  |                              |
| QPD-4.1.1 | Surname  | Smith                                  | Value-Test Case Fixed        |
| QPD-4.2   | Given Name   | James                                  | Value-Test Case Fixed        |
| QPD-4.3   | Second and Further Given Names or Initials Thereof | John                                   | Presence-Content Indifferent |
| QPD-4.7   | Name Type Code                                     | L                                      | Value-Test Case Fixed        |
| QPD-5     | Patient Mother Maiden Name                         |  |                              |
| QPD-5.1   | Family Name  |  |                              |
| QPD-5.1.1 | Surname  |  |                              |
| QPD-5.2   | Given Name   |  |                              |
| QPD-5.7   | Name Type Code                                     |  |                              |
| QPD-6     | Patient Date of Birth                              |  |                              |
| QPD-6.1   | Time   | 19740405                               | Value-Test Case Fixed        |
| QPD-7     | Patient Sex  | M                                      | Value-Test Case Fixed        |
| QPD-8     | Patient Address                                    |  |                              |
| QPD-8.1   | Street Address                                     |  |                              |
| QPD-8.1.1 | Street or Mailing Address                          | 600 Locust Ln                          | Value-Test Case Fixed        |
| QPD-8.2   | Other Designation                                  |  |                              |
| QPD-8.3   | City   | Springfield                            | Value-Test Case Fixed        |
| QPD-8.4   | State or Province                                  | OR                                     | Value-Test Case Fixed        |
| QPD-8.5   | Zip or Postal Code                                 | 97477                                  | Value-Test Case Fixed        |
| QPD-8.6   | Country  | USA                                    | Value-Test Case Fixed        |
| QPD-8.7   | Address Type                                       | P                                      | Value-Test Case Fixed        |
| QPD-9     | Patient Home Phone                                 |  |                              |
| QPD-9.2   | Telecommunication Use Code                         | PRN                                    | Value-Test Case Fixed        |

|         |                                  |         |                       |
|---------|----------------------------------|---------|-----------------------|
| QPD-9.3 | Telecommunication Equipment Type | PH      | Value-Test Case Fixed |
| QPD-9.4 | Email Address                    |         |                       |
| QPD-9.6 | Area/City Code                   | 541     | Value-Test Case Fixed |
| QPD-9.7 | Local Number                     | 5550006 | Value-Test Case Fixed |
| QPD-10  | Patient Multiple Birth Indicator | N       | Value-Test Case Fixed |
| QPD-11  | Patient Birth Order              | 1       | Value-Test Case Fixed |

#### RCP : Response Control Parameter

| Location  | Data Element                    | Data    | Categorization            |
|-----------|---------------------------------|---------|---------------------------|
| RCP-1     | Query Priority                  | I       | Value-Test Case Fixed     |
| RCP-2     | Quantity Limited Request        |         |                           |
| RCP-2.1   | Quantity                        | 1       | Value-Test Case Fixed     |
| RCP-2.2   | Units                           |         |                           |
| RCP-2.2.1 | Identifier                      | RD      | Value-Profile Fixed       |
| RCP-2.2.2 | Text                            | Records | Presence-Test Case Proper |
| RCP-2.2.3 | Name of Coding System           | HL70126 | Value-Profile Fixed       |
| RCP-2.2.4 | Alternate Identifier            |         |                           |
| RCP-2.2.5 | Alternate Text                  |         |                           |
| RCP-2.2.6 | Name of Alternate Coding System |         |                           |