

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 | | |
| 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 | | |
| MSH-6.2 | Universal ID | | |
| MSH-6.3 | Universal ID Type | | |
| MSH-7 | Date/Time Of Message | | |
| MSH-7.1 | Time | 20190515001020-0500 | |
| MSH-9 | Message Type | | |
| MSH-9.1 | Message Code | QBP | |
| MSH-9.2 | Trigger Event | Q11 | |
| MSH-9.3 | Message Structure | QBP_Q11 | |
| MSH-10 | Message Control ID | 793543 | |
| 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 | ER | |
| MSH-16 | Application Acknowledgment Type | AL | |
| MSH-21 | Message Profile Identifier | | |
| MSH-21.1 | Entity Identifier | Z44 | |
| 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 | | |
| MSH-22.6 | Assigning Authority | | |
| MSH-22.7 | Identifier Type Code | | |
| MSH-22.10 | Organization Identifier | | |
| MSH-23 | Receiving Responsible Organization | | |
| MSH-23.1 | Organization Name | | |
| MSH-23.6 | Assigning Authority | | |
| MSH-23.7 | Identifier Type Code | | |
| MSH-23.10 | Organization Identifier | | |

OPD : Query Parameter Definition

QPD : Query Parameter Definition

| Location | Data Element | Data | Categorization |
|-----------|--|--|-----------------------|
| QPD-1 | Message Query Name | | |
| QPD-1.1 | Identifier | Z44 | |
| QPD-1.2 | Text | Request Evaluated History and Forecast | |
| QPD-1.3 | Name of Coding System | CDCPHINVS | |
| QPD-2 | Query Tag | 37374859 | |
| QPD-3 | PatientList | | |
| QPD-3.1 | ID Number | 123456 | |
| QPD-3.4 | Assigning Authority | | |
| QPD-3.5 | Identifier Type Code | MR | |
| QPD-4 | PatientName | | |
| QPD-4.1 | Family Name | | |
| QPD-4.1.1 | Surname | Gonzales | Value-Test Case Fixed |
| QPD-4.2 | Given Name | Juana | Value-Test Case Fixed |
| QPD-4.3 | Second and Further Given Names or Initials Thereof | Maria | Value-Test Case Fixed |
| QPD-4.7 | Name Type Code | L | Value-Test Case Fixed |
| QPD-5 | PatientMotherMaidenName | | |
| QPD-5.1 | Family Name | | |
| QPD-5.1.1 | Surname | Morales | Value-Test Case Fixed |
| QPD-5.7 | Name Type Code | M | Value-Test Case Fixed |
| QPD-6 | PatientDateOfBirth | | |
| QPD-6.1 | Time | 201910011115 | Value-Test Case Fixed |
| QPD-7 | Patient Sex | F | Value-Test Case Fixed |
| QPD-8 | Patient Address | | |
| QPD-8.1 | Street Address | | |
| QPD-8.1.1 | Street or Mailing Address | 3321 Standish Way | |
| QPD-8.2 | Other Designation | | |
| QPD-8.3 | City | Stamford | |
| QPD-8.4 | State or Province | CT | |
| QPD-8.5 | Zip or Postal Code | 06903 | |
| QPD-8.6 | Country | | |
| QPD-8.7 | Address Type | L | |
| QPD-9 | Phone | | |
| QPD-9.2 | Telecommunication Use Code | PRN | |
| QPD-9.3 | Telecommunication Equipment Type | CP | |
| QPD-9.4 | Email Address | | |
| QPD-9.6 | Area/City Code | 203 | |
| QPD-9.7 | Local Number | 5551214 | |
| QPD-10 | Multiple birth indicator | Y | Value-Test Case Fixed |
| QPD-11 | Birth order | 2 | Value-Test Case Fixed |

RCP : Response Control Parameter

| Location | Data Element | Data | Categorization |
|-----------|--------------------------|------|----------------|
| RCP-1 | Query Priority | I | |
| RCP-2 | Quantity Limited Request | | |
| RCP-2.1 | Quantity | 1 | |
| RCP-2.2 | Units | | |
| RCP-2.2.1 | Identifier | RD | |

| | | | |
|-----------|-----------------------|---------|--|
| RCP-2.2.2 | Text | Records | |
| RCP-2.2.3 | Name of Coding System | HL70126 | |