

MSH : Message Header

| Location | Data Elementmt | Data | Categrization |
|---------------|---------------------------------|---------------------|---------------|
| MSH-1 | Field Separator | | |
| MSH-2 | Encoding Characters | ^~\& | |
| MSH-3 | Sending Application | | |
| MSH-3.1 | Namespace ID | MyEHR | |
| MSH-3.2 | Universal ID | | |
| MSH-3.3 | Universal ID Type | | |
| MSH-4 | Sending Facility | | |
| MSH-4.1 | Namespace ID | DCS | |
| MSH-4.2 | Universal ID | | |
| MSH-4.3 | Universal ID Type | | |
| MSH-5 | Receiving Application | | |
| MSH-5.1 | Namespace ID | MyIIS | |
| MSH-5.2 | Universal ID | | |
| MSH-5.3 | Universal ID Type | | |
| MSH-6 | Receiving Facility | | |
| MSH-6.1 | Namespace ID | StatePH | |
| MSH-6.2 | Universal ID | | |
| MSH-6.3 | Universal ID Type | | |
| MSH-7 | Date/Time Of Message | | |
| MSH-7.1 | Time | 20150531145156-0500 | |
| MSH-7.2 | Degree of Precision | | |
| MSH-8 | Security | | |
| 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 | 443533469 | |
| MSH-11 | Processing ID | | |
| MSH-11.1 | Processing ID | P | |
| MSH-11.2 | Processing Mode | | |
| MSH-12 | Version ID | | |
| MSH-12.1 | Version ID | 2.5.1 | |
| MSH-12.2 | Internationalization Code | | |
| MSH-12.2.1 | Identifier | | |
| MSH-12.2.2 | Text | | |
| MSH-12.2.3 | Name of Coding System | | |
| MSH-12.2.4 | Alternate Identifier | | |
| MSH-12.2.5 | Alternate Text | | |
| MSH-12.2.6 | Name of Alternate Coding System | | |
| MSH-12.3 | International Version ID | | |
| MSH-12.3.1 | Identifier | | |
| MSH-12.3.2 | Text | | |
| MSH-12.3.3 | Name of Coding | | |

| Location | System Data Element | Data | Categorization |
|---------------|--|-----------|----------------|
| MSH-12.3.4 | Alternate Identifier | | |
| MSH-12.3.5 | Alternate Text | | |
| MSH-12.3.6 | Name of Alternate Coding System | | |
| MSH-13 | Sequence Number | | |
| MSH-14 | Continuation Pointer | | |
| MSH-15 | Accept Acknowledgment Type | ER | |
| MSH-16 | Application Acknowledgment Type | AL | |
| MSH-17 | Country Code | | |
| MSH-18 | Character Set | | |
| MSH-19 | Principal Language Of Message | | |
| MSH-19.1 | Identifier | | |
| MSH-19.2 | Text | | |
| MSH-19.3 | Name of Coding System | | |
| MSH-19.4 | Alternate Identifier | | |
| MSH-19.5 | Alternate Text | | |
| MSH-19.6 | Name of Alternate Coding System | | |
| MSH-20 | Alternate Character Set Handling Scheme | | |
| 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 | DCS | |
| MSH-22.2 | Organization Name Type Code | | |
| MSH-22.3 | ID Number | | |
| MSH-22.4 | Check Digit | | |
| MSH-22.5 | Check Digit Scheme | | |
| MSH-22.6 | Assigning Authority | | |
| MSH-22.6.1 | Namespace ID | DCS | |
| MSH-22.6.2 | Universal ID | | |
| MSH-22.6.3 | Universal ID Type | | |
| MSH-22.7 | Identifier Type Code | XX | |
| MSH-22.8 | Assigning Facility | | |
| MSH-22.8.1 | Namespace ID | | |
| MSH-22.8.2 | Universal ID | | |
| MSH-22.8.3 | Universal ID Type | | |
| MSH-22.9 | Name Representation Code | | |

| MSH-23.10 | Organization Identifier | 6439432 | Data | Categorization |
|------------|------------------------------------|---------|------|----------------|
| MSH-23 | Receiving Responsible Organization | | | |
| MSH-23.1 | Organization Name | StatePH | | |
| MSH-23.2 | Organization Name Type Code | | | |
| MSH-23.3 | ID Number | | | |
| MSH-23.4 | Check Digit | | | |
| MSH-23.5 | Check Digit Scheme | | | |
| 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-23.8 | Assigning Facility | | | |
| MSH-23.8.1 | Namespace ID | | | |
| MSH-23.8.2 | Universal ID | | | |
| MSH-23.8.3 | Universal ID Type | | | |
| MSH-23.9 | Name Representation Code | | | |
| MSH-23.10 | Organization Identifier | | | |

QPD : Query Parameter Definition

| Location | Data Elementmt | 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-1.4 | Alternate Identifier | | |
| QPD-1.5 | Alternate Text | | |
| QPD-1.6 | Name of Alternate Coding System | | |
| QPD-2 | Query Tag | 37374859 | |
| QPD-3 | PatientList | | |
| QPD-3.1 | ID Number | 12993456 | |
| QPD-3.2 | Check Digit | | |
| QPD-3.3 | Check Digit Scheme | | |
| QPD-3.4 | Assigning Authority | | |
| QPD-3.4.1 | Namespace ID | MYEHR | |
| QPD-3.4.2 | Universal ID | | |
| QPD-3.4.3 | Universal ID Type | | |
| QPD-3.5 | Identifier Type Code | MR | |
| QPD-3.6 | Assigning Facility | | |
| QPD-3.6.1 | Namespace ID | | |
| QPD-3.6.2 | Universal ID | | |
| QPD-3.6.3 | Universal ID Type | | |
| QPD-3.7 | Effective Date | | |

| QPD-3.8 | Location | Expiration Date | Data Element | Data | Categorization |
|--------------|----------|-----------------|--|---------|----------------|
| QPD-3.9 | | | Assigning Jurisdiction | | |
| QPD-3.9.1 | | | Identifier | | |
| QPD-3.9.2 | | | Text | | |
| QPD-3.9.3 | | | Name of Coding System | | |
| QPD-3.9.4 | | | Alternate Identifier | | |
| QPD-3.9.5 | | | Alternate Text | | |
| QPD-3.9.6 | | | Name of Alternate Coding System | | |
| QPD-3.9.7 | | | Coding System Version ID | | |
| QPD-3.9.8 | | | Alternate Coding System Version ID | | |
| QPD-3.9.9 | | | Original Text | | |
| QPD-3.10 | | | Assigning Agency or Department | | |
| QPD-3.10.1 | | | Identifier | | |
| QPD-3.10.2 | | | Text | | |
| QPD-3.10.3 | | | Name of Coding System | | |
| QPD-3.10.4 | | | Alternate Identifier | | |
| QPD-3.10.5 | | | Alternate Text | | |
| QPD-3.10.6 | | | Name of Alternate Coding System | | |
| QPD-3.10.7 | | | Coding System Version ID | | |
| QPD-3.10.8 | | | Alternate Coding System Version ID | | |
| QPD-3.10.9 | | | Original Text | | |
| QPD-4 | | | PatientName | | |
| QPD-4.1 | | | Family Name | | |
| QPD-4.1.1 | | | Surname | Stanley | |
| QPD-4.1.2 | | | Own Surname Prefix | | |
| QPD-4.1.3 | | | Own Surname | | |
| QPD-4.1.4 | | | Surname Prefix From Partner/Spouse | | |
| QPD-4.1.5 | | | Surname From Partner/Spouse | | |
| QPD-4.2 | | | Given Name | Sally | |
| QPD-4.3 | | | Second and Further Given Names or Initials Thereof | S | |
| QPD-4.4 | | | Suffix (e.g., JR or III) | | |
| QPD-4.5 | | | Prefix (e.g., DR) | | |
| QPD-4.6 | | | Degree (e.g., MD) | | |
| QPD-4.7 | | | Name Type Code | L | |
| QPD-4.8 | | | Name Representation Code | | |
| QPD-4.9 | | | Name Context | | |
| QPD-4.9.1 | | | Identifier | | |
| QPD-4.9.2 | | | Text | | |
| QPD-4.9.3 | | | Name of Coding System | | |
| QPD-4.9.4 | | | Alternate Identifier | | |

| QPD-4.9.5 | Alternate Text | Data Element | Data | Categorization |
|--------------|--|--------------|------|----------------|
| QPD-4.9.6 | Name of Alternate Coding System | | | |
| QPD-4.10 | Name Validity Range | | | |
| QPD-4.10.1 | Range Start Date/Time | | | |
| QPD-4.10.2 | Range End Date/Time | | | |
| QPD-4.11 | Name Assembly Order | | | |
| QPD-4.12 | Effective Date | | | |
| QPD-4.12.1 | Time | | | |
| QPD-4.12.2 | Degree of Precision | | | |
| QPD-4.13 | Expiration Date | | | |
| QPD-4.13.1 | Time | | | |
| QPD-4.13.2 | Degree of Precision | | | |
| QPD-4.14 | Professional Suffix | | | |
| QPD-5 | PatientMotherMaidenName | | | |
| QPD-5.1 | Family Name | | | |
| QPD-5.1.1 | Surname | | | |
| QPD-5.1.2 | Own Surname Prefix | | | |
| QPD-5.1.3 | Own Surname | | | |
| QPD-5.1.4 | Surname Prefix From Partner/Spouse | | | |
| QPD-5.1.5 | Surname From Partner/Spouse | | | |
| QPD-5.2 | Given Name | | | |
| QPD-5.3 | Second and Further Given Names or Initials Thereof | | | |
| QPD-5.4 | Suffix (e.g., JR or III) | | | |
| QPD-5.5 | Prefix (e.g., DR) | | | |
| QPD-5.6 | Degree (e.g., MD) | | | |
| QPD-5.7 | Name Type Code | | | |
| QPD-5.8 | Name Representation Code | | | |
| QPD-5.9 | Name Context | | | |
| QPD-5.9.1 | Identifier | | | |
| QPD-5.9.2 | Text | | | |
| QPD-5.9.3 | Name of Coding System | | | |
| QPD-5.9.4 | Alternate Identifier | | | |
| QPD-5.9.5 | Alternate Text | | | |
| QPD-5.9.6 | Name of Alternate Coding System | | | |
| QPD-5.10 | Name Validity Range | | | |
| QPD-5.10.1 | Range Start Date/Time | | | |
| QPD-5.10.2 | Range End Date/Time | | | |
| QPD-5.11 | Name Assembly Order | | | |
| QPD-5.12 | Effective Date | | | |
| QPD-5.12.1 | Time | | | |
| QPD-5.12.2 | Degree of Precision | | | |
| QPD-5.13 | Expiration Date | | | |
| QPD-5.13.1 | Time | | | |
| | | | | |

| QPD Location | Professional Summary | Data | Categorization |
|---------------|----------------------------------|-----------------|----------------|
| QPD-6 | Patient Date Of Birth | | |
| QPD-6.1 | Time | 19800214 | |
| QPD-6.2 | Degree of Precision | | |
| QPD-7 | Patient Sex | M | |
| QPD-8 | Patient Address | | |
| QPD-8.1 | Street Address | | |
| QPD-8.1.1 | Street or Mailing Address | 10 East Main St | |
| QPD-8.1.2 | Street Name | | |
| QPD-8.1.3 | Dwelling Number | | |
| QPD-8.2 | Other Designation | | |
| QPD-8.3 | City | Pretty Valley | |
| QPD-8.4 | State or Province | MI | |
| QPD-8.5 | Zip or Postal Code | | |
| QPD-8.6 | Country | | |
| QPD-8.7 | Address Type | L | |
| QPD-8.8 | Other Geographic Designation | | |
| QPD-8.9 | County/Parish Code | | |
| QPD-8.10 | Census Tract | | |
| QPD-8.11 | Address Representation Code | | |
| QPD-8.12 | Address Validity Range | | |
| QPD-8.12.1 | Range Start Date/Time | | |
| QPD-8.12.2 | Range End Date/Time | | |
| QPD-8.13 | Effective Date | | |
| QPD-8.13.1 | Time | | |
| QPD-8.13.2 | Degree of Precision | | |
| QPD-8.14 | Expiration Date | | |
| QPD-8.14.1 | Time | | |
| QPD-8.14.2 | Degree of Precision | | |
| QPD-9 | Phone | | |
| QPD-9.1 | Telephone Number | | |
| QPD-9.2 | Telecommunication Use Code | PRN | |
| QPD-9.3 | Telecommunication Equipment Type | PH | |
| QPD-9.4 | Email Address | | |
| QPD-9.5 | Country Code | | |
| QPD-9.6 | Area/City Code | 734 | |
| QPD-9.7 | Local Number | 5556712 | |
| QPD-9.8 | Extension | | |
| QPD-9.9 | Any Text | | |
| QPD-9.10 | Extension Prefix | | |
| QPD-9.11 | Speed Dial Code | | |
| QPD-9.12 | Unformatted Telephone number | | |
| QPD-10 | Multiple birth indicator | | |
| QPD-11 | Birth order | | |

| QPD-12 | Location | Client last updated date | Data Element | Data | Categorization |
|---------------|----------|-------------------------------------|--------------|------|----------------|
| | QPD-12.1 | Time | | | |
| | QPD-12.2 | Degree of Precision | | | |
| QPD-13 | | Client last updated facility | | | |
| | QPD-13.1 | Namespace ID | | | |
| | QPD-13.2 | Universal ID | | | |
| | QPD-13.3 | Universal ID Type | | | |

RCP : Response Control Parameter

| | Location | Data Element | Data | Categorization |
|--------------|-----------|------------------------------------|---------|----------------|
| RCP-1 | | Query Priority | I | |
| RCP-2 | | Quantity Limited Request | | |
| | RCP-2.1 | Quantity | 5 | |
| | 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 | |
| | RCP-2.2.4 | Alternate Identifier | | |
| | RCP-2.2.5 | Alternate Text | | |
| | RCP-2.2.6 | Name of Alternate Coding System | | |
| RCP-3 | | Response Modality | | |
| | RCP-3.1 | Identifier | | |
| | RCP-3.2 | Text | | |
| | RCP-3.3 | Name of Coding System | | |
| | RCP-3.4 | Alternate Identifier | | |
| | RCP-3.5 | Alternate Text | | |
| | RCP-3.6 | Name of Alternate Coding System | | |
| RCP-4 | | Execution and Delivery Time | | |
| | RCP-4.1 | Time | | |
| | RCP-4.2 | Degree of Precision | | |
| RCP-5 | | Modify Indicator | | |
| RCP-6 | | Sort-by Field | | |
| | RCP-6.1 | Sort-by Field | | |
| | RCP-6.2 | Sequencing | | |
| RCP-7 | | Segment group inclusion | | |