MSH : Message Header

Location	Data Elemenmt	Data	Categrization
MSH-1	**Field Separator**	|	
MSH-2	**Encoding Characters**	^~\&	
MSH-3	**Sending Application**		
MSH-3.1	Namespace ID	MyIIS	
MSH-3.2	Universal ID		
MSH-3.3	Universal ID Type		
MSH-4	**Sending Facility**		
MSH-4.1	Namespace ID	StatePH	
MSH-4.2	Universal ID		
MSH-4.3	Universal ID Type		
MSH-5	**Receiving Application**		
MSH-5.1	Namespace ID	MYEHR	
MSH-5.2	Universal ID		
MSH-5.3	Universal ID Type		
MSH-6	**Receiving Facility**		
MSH-6.1	Namespace ID	DCS	
MSH-6.2	Universal ID		
MSH-6.3	Universal ID Type		
MSH-7	**Date/Time Of Message**		
MSH-7.1	Time	20141031145233-0500	
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 Elemenmt	Data	Categrization
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		

Location	Data Element	Data	Categrization
MSH-22.10	Organization Identifier 6439432		
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 Elemenmt	Data	Categrization
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	123456	
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-3.8Location	Expiration DataElemenmt	Data	Categrization
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	Clement	
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		

Location	Data Element	Data	Categrization
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	Smith	
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	Data Element Professional Suffix	Data	Catergization
QPD-6	**PatientDateOfBirth**		
QPD-6.1	Time	19500214	
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	Titletown	
QPD-8.4	State or Province	WI	
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	1	
QPD-9.6	Area/City Code	690	
QPD-9.7	Local Number	1231234	
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**		

Location	Data Elemenmt	Data	Categrization
QPD-12	Client last updated date		
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 Elemenmt	Data	Categrization
RCP-1	Query Priority	I	
RCP-2	Quantity Limited Request		
RCP-2.1	Quantity		
RCP-2.2	Units		
RCP-2.2.1	Identifier		
RCP-2.2.2	Text		
RCP-2.2.3	Name of Coding System		
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		