

MSH : Message Header

Location	Data Elementmt	Data	Categrization
<b>MSH-1</b>	<b>Field Separator</b>		
<b>MSH-2</b>	<b>Encoding Characters</b>	^~\&	
<b>MSH-3</b>	<b>Sending Application</b>		
MSH-3.1	Namespace ID	MyIIS	
MSH-3.2	Universal ID		
MSH-3.3	Universal ID Type		
<b>MSH-4</b>	<b>Sending Facility</b>		
MSH-4.1	Namespace ID	StatePH	
MSH-4.2	Universal ID		
MSH-4.3	Universal ID Type		
<b>MSH-5</b>	<b>Receiving Application</b>		
MSH-5.1	Namespace ID	MYEHR	
MSH-5.2	Universal ID		
MSH-5.3	Universal ID Type		
<b>MSH-6</b>	<b>Receiving Facility</b>		
MSH-6.1	Namespace ID	DCS	
MSH-6.2	Universal ID		
MSH-6.3	Universal ID Type		
<b>MSH-7</b>	<b>Date/Time Of Message</b>		
MSH-7.1	Time	20151031145233-0500	
MSH-7.2	Degree of Precision		
<b>MSH-8</b>	<b>Security</b>		
<b>MSH-9</b>	<b>Message Type</b>		
MSH-9.1	Message Code	RSP	
MSH-9.2	Trigger Event	K11	
MSH-9.3	Message Structure	RSP_K11	
<b>MSH-10</b>	<b>Message Control ID</b>	3533469	
<b>MSH-11</b>	<b>Processing ID</b>		
MSH-11.1	Processing ID	P	
MSH-11.2	Processing Mode		
<b>MSH-12</b>	<b>Version ID</b>		
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		
<b>MSH-13</b>	<b>Sequence Number</b>		
<b>MSH-14</b>	<b>Continuation Pointer</b>		
<b>MSH-15</b>	<b>Accept Acknowledgment Type</b>	NE	
<b>MSH-16</b>	<b>Application Acknowledgment Type</b>	NE	
<b>MSH-17</b>	<b>Country Code</b>		
<b>MSH-18</b>	<b>Character Set</b>		
<b>MSH-19</b>	<b>Principal Language Of Message</b>		
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		
<b>MSH-20</b>	<b>Alternate Character Set Handling Scheme</b>		
<b>MSH-21</b>	<b>Message Profile Identifier</b>		
MSH-21.1	Entity Identifier	Z33	
MSH-21.2	Namespace ID	CDCPHINVS	
MSH-21.3	Universal ID		
MSH-21.4	Universal ID Type		
<b>MSH-22</b>	<b>Sending Responsible Organization</b>		
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	Categorization
<b>MSH-23</b>	<b>Receiving Responsible Organization</b>		
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		

#### MSA : Message Acknowledgment

Location	Data Element	Data	Categorization
<b>MSA-1</b>	<b>Acknowledgment Code</b>	AA	
<b>MSA-2</b>	<b>Message Control ID</b>	993533469	
<b>MSA-3</b>	<b>Text Message</b>		
<b>MSA-4</b>	<b>Expected Sequence Number</b>		
<b>MSA-5</b>	<b>Delayed Acknowledgment Type</b>		
<b>MSA-6</b>	<b>Error Condition</b>		
MSA-6.1	Identifier		
MSA-6.2	Text		
MSA-6.3	Name of Coding System		
MSA-6.4	Alternate Identifier		
MSA-6.5	Alternate Text		
MSA-6.6	Name of Alternate Coding System		

#### QAK : Query Acknowledgment

Location	Data Element	Data	Categorization
<b>QAK-1</b>	<b>Query Tag</b>	37374859	
<b>QAK-2</b>	<b>Query Response Status</b>	NF	
<b>QAK-3</b>	<b>Message Query Name</b>		
QAK-3.1	Identifier	Z44	
		request evaluated	

QAK-3.2	Location	Data Element	Immunization History	Categorization
QAK-3.3		Name of Coding System	CDCPHINVS	
QAK-3.4		Alternate Identifier		
QAK-3.5		Alternate Text		
QAK-3.6		Name of Alternate Coding System		
QAK-4		Hit Count		
QAK-5		This payload		
QAK-6		Hits remaining		

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-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	177993456	
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		Expiration Date		
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		
		Alternate Coding System		

QPD-3.9.8	Version ID	Data Element	Data	Categorization
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		
<b>QPD-4</b>		<b>PatientName</b>		
QPD-4.1		Family Name		
QPD-4.1.1		Surname	Standard	
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	Sam	
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		
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 Location	Data Element	Data	Categorization
QPD-4.14	Professional Suffix		
<b>QPD-5</b>	<b>PatientMotherMaidenName</b>		
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-5.13.2	Degree of Precision		
QPD-5.14	Professional Suffix		
<b>QPD-6</b>	<b>PatientDateOfBirth</b>		
QPD-6.1	Time	19800214	
QPD-6.2	Degree of Precision		
<b>QPD-7</b>	<b>Patient Sex</b>	M	
<b>QPD-8</b>	<b>Patient Address</b>		
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	Location	State or Province	Data Element	MI	Data	Categorization
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			
<b>QPD-9</b>	<b>Phone</b>					
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			
<b>QPD-10</b>	<b>Multiple birth indicator</b>					
<b>QPD-11</b>	<b>Birth order</b>					
<b>QPD-12</b>	<b>Client last updated date</b>					
QPD-12.1			Time			
QPD-12.2			Degree of Precision			
<b>QPD-13</b>	<b>Client last updated facility</b>					
QPD-13.1			Namespace ID			
QPD-13.2			Universal ID			
QPD-13.3			Universal ID Type			