MSH : Message Header

Location	Data Elemenmt	Data	Categrization
MSH-1	**Field Separator**	|	Profile Fixed
MSH-2	**Encoding Characters**	^~\&	Profile Fixed
MSH-3	**Sending Application**		
MSH-3.1	Namespace ID	NIST APP	Test Case Fixed
MSH-3.2	Universal ID		
MSH-3.3	Universal ID Type		
MSH-4	**Sending Facility**		
MSH-4.1	Namespace ID	NIST Test Iz Reg	Test Case Fixed
MSH-4.2	Universal ID		
MSH-4.3	Universal ID Type		
MSH-5	**Receiving Application**		
MSH-5.1	Namespace ID	Test EHR Application	Test Case Fixed
MSH-5.2	Universal ID		
MSH-5.3	Universal ID Type		
MSH-6	**Receiving Facility**		
MSH-6.1	Namespace ID	X68	Test Case Fixed
MSH-6.2	Universal ID		
MSH-6.3	Universal ID Type		
MSH-7	**Date/Time Of Message**		
MSH-7.1	Time	200906040000-0500	System Generated
MSH-7.2	Degree of Precision		
MSH-8	**Security**		
MSH-9	**Message Type**		
MSH-9.1	Message Code	ACK	
MSH-9.2	Trigger Event	V04	
MSH-9.3	Message Structure	ACK	
MSH-10	**Message Control ID**	NIST-IZ-ACK-001.01	Test Case Fixed
MSH-11	**Processing ID**		
MSH-11.1	Processing ID	T	Test Case Fixed
MSH-11.2	Processing Mode		
MSH-12	**Version ID**		
MSH-12.1	Version ID	2.5.1	Profile Fixed
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	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**	NE	Profile Fixed
MSH-16	**Application Acknowledgment Type**	NE	Profile Fixed
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	Z23	Profile Fixed
MSH-21.2	Namespace ID	CDCPHINVS	Profile Fixed
MSH-21.3	Universal ID		
MSH-21.4	Universal ID Type		
MSH-22	**Sending Responsible Organization**		
MSH-22.1	Organization Name		
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		
MSH-22.6.2	Universal ID		
MSH-22.6.3	Universal ID Type		
MSH-22.7	Identifier Type Code		
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 Elemenmt	Data	Categrization
MSH-22.10	Organization Identifier		
MSH-23	**Receiving Responsible Organization**		
MSH-23.1	Organization Name		
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		
MSH-24	**Sending Network Address**		
MSH-24.1	Namespace ID		
MSH-24.2	Universal ID		
MSH-24.3	Universal ID Type		
MSH-25	**Receiving Network Address**		
MSH-25.1	Namespace ID		
MSH-25.2	Universal ID		
MSH-25.3	Universal ID Type		

MSA : Message Acknowledgment

Location	Data Elemenmt	Data	Categrization
MSA-1	**Acknowledgment Code**	AA	Test Case Fixed
MSA-2	**Message Control ID**	NIST-IZ-001.01	Test Case Fixed
MSA-3	**Text Message**		
MSA-4	**Expected Sequence Number**		
MSA-5	**Delayed Acknowledgment Type**		
MSA-6	**Error Condition**		
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		

Location	Coding System / Data Elemenmt	Data	Categrization