

**MSH : MSH Segment Adopting Fields from 2.7.1**

Location	Data Element	Data	Categorization
MSH-1	Field Separator		
MSH-2	Encoding Characters	^~&	
MSH-3	Sending Application		
MSH-3.1	Namespace ID	IIP-IIS-APP	
MSH-3.2	Universal ID		
MSH-3.3	Universal ID Type		
MSH-4	Sending Facility		
MSH-4.1	Namespace ID	IIP	
MSH-4.2	Universal ID		
MSH-4.3	Universal ID Type		
MSH-5	Receiving Application		
MSH-5.1	Namespace ID	SUT-APP	
MSH-5.2	Universal ID		
MSH-5.3	Universal ID Type		
MSH-6	Receiving Facility		
MSH-6.1	Namespace ID	OFM	
MSH-6.2	Universal ID		
MSH-6.3	Universal ID Type		
MSH-7	Date/Time Of Message		
MSH-7.1	Time	20240405093021-0500	
MSH-9	Message Type		
MSH-9.1	Message Code	RSP	
MSH-9.2	Trigger Event	K11	
MSH-9.3	Message Structure	RSP_K11	
MSH-10	Message Control ID	IIP-RSP-3	
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	NE	
MSH-16	Application Acknowledgment Type	NE	
MSH-21	Message Profile Identifier		
MSH-21.1	Entity Identifier	Z33	
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	Immunization Integration Program	
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-22.10	Organization Identifier		
MSH-23	Receiving Responsible Organization		
MSH-23.1	Organization Name	Oregon Family Medicine	
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-23.10	Organization Identifier		

#### MSA : Message Acknowledgment

Location	Data Element	Data	Categorization
MSA-1	Acknowledgment Code	AA	
MSA-2	Message Control ID	IIP4102	

#### QAK : Query Acknowledgment

Location	Data Element	Data	Categorization
QAK-1	Query Tag	IIPQUERY3	
QAK-2	Query Response Status	TM	
QAK-3	Message Query Name		
QAK-3.1	Identifier	Z44	
QAK-3.2	Text	Request Evaluated History and Forecast	
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		

#### 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	IIPQUERY3	
QPD-3	Patient List		
QPD-3.1	ID Number	6666	
QPD-3.4	Assigning Authority		
QPD-3.4.1	Namespace ID	IIP-MPI-1	
QPD-3.4.2	Universal ID		
QPD-3.4.3	Universal ID Type		
QPD-3.5	Identifier Type Code	MR	
QPD-4	Patient Name		
QPD-4.1	Family Name		
QPD-4.1.1	Surname	Smith	
QPD-4.2	Given Name	James	
QPD-4.3	Second and Further Given Names or Initials Thereof	John	
QPD-4.7	Name Type Code	L	

QPD-5	Patient Mother Maiden Name		
QPD-5.1	Family Name		
QPD-5.1.1	Surname		
QPD-5.2	Given Name		
QPD-5.7	Name Type Code		
QPD-6	Patient Date of Birth		
QPD-6.1	Time	19740405	
QPD-7	Patient Sex	M	
QPD-8	Patient Address		
QPD-8.1	Street Address		
QPD-8.1.1	Street or Mailing Address	600 Locust Ln	
QPD-8.2	Other Designation		
QPD-8.3	City	Springfield	
QPD-8.4	State or Province	OR	
QPD-8.5	Zip or Postal Code	97477	
QPD-8.6	Country	USA	
QPD-8.7	Address Type	P	
QPD-9	Patient Home Phone		
QPD-9.2	Telecommunication Use Code	PRN	
QPD-9.3	Telecommunication Equipment Type	PH	
QPD-9.4	Email Address		
QPD-9.6	Area/City Code	541	
QPD-9.7	Local Number	5550006	
QPD-10	Patient Multiple Birth Indicator	N	
QPD-11	Patient Birth Order	1	