

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

Location	Data Element	Data	Categorization
MSH-1	Field Separator		Value-Profile Fixed
MSH-2	Encoding Characters	^~&	Value-Profile Fixed
MSH-3	Sending Application		
MSH-3.1	Namespace ID	SUT-APP	Presence-Configuration
MSH-3.2	Universal ID		
MSH-3.3	Universal ID Type		
MSH-4	Sending Facility		
MSH-4.1	Namespace ID	OFM	Presence-Configuration
MSH-4.2	Universal ID		
MSH-4.3	Universal ID Type		
MSH-5	Receiving Application		
MSH-5.1	Namespace ID	IIP-IIS-APP	Presence-Configuration
MSH-5.2	Universal ID		
MSH-5.3	Universal ID Type		
MSH-6	Receiving Facility		
MSH-6.1	Namespace ID	IIP	Presence-Configuration
MSH-6.2	Universal ID		
MSH-6.3	Universal ID Type		
MSH-7	Date/Time Of Message		
MSH-7.1	Time	20240405111648-0500	Presence-System Generated
MSH-9	Message Type		
MSH-9.1	Message Code	VXU	Value-Profile Fixed
MSH-9.2	Trigger Event	V04	Value-Profile Fixed
MSH-9.3	Message Structure	VXU_V04	Value-Profile Fixed
MSH-10	Message Control ID	IIP-Transmit-10	Presence-System Generated
MSH-11	Processing ID		
MSH-11.1	Processing ID	P	Presence-Content Indifferent
MSH-12	Version ID		
MSH-12.1	Version ID	2.5.1	Value-Profile Fixed
MSH-15	Accept Acknowledgment Type	ER	Value-Profile Fixed
MSH-16	Application Acknowledgment Type	AL	Value-Profile Fixed
MSH-21	Message Profile Identifier		
MSH-21.1	Entity Identifier	Z22	Value-Profile Fixed
MSH-21.2	Namespace ID	CDCPHINVS	Value-Profile Fixed
MSH-21.3	Universal ID		
MSH-21.4	Universal ID Type		
MSH-22	Sending Responsible Organization		
MSH-22.1	Organization Name	Oregon Family Medicine	Presence-Configuration
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	Immunization Integration Program	Presence-Configuration
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		

### PID : Patient Identification

Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	Value-Profile Fixed
PID-3	Patient Identifier List		
PID-3.1	ID Number	1111	Presence-Content Indifferent
PID-3.4	Assigning Authority		
PID-3.4.1	Namespace ID	IIP-MPI-1	Indifferent
PID-3.4.2	Universal ID		
PID-3.4.3	Universal ID Type		
PID-3.5	Identifier Type Code	MR	Value-Test Case Fixed
PID-5	Patient Name		
PID-5.1	Family Name		
PID-5.1.1	Surname	Duncan	Value-Test Case Fixed
PID-5.2	Given Name	Lance	Value-Test Case Fixed
PID-5.3	Second and Further Given Names or Initials Thereof	Gaige	Presence-Content Indifferent
PID-5.7	Name Type Code	L	Value-Test Case Fixed
PID-6	Mother's Maiden Name		
PID-6.1	Family Name		
PID-6.1.1	Surname	King	Presence-Content Indifferent
PID-6.2	Given Name		
PID-6.7	Name Type Code	M	Value-Profile Fixed
PID-7	Date/Time of Birth		
PID-7.1	Time	20240215	Presence-Content Indifferent
PID-8	Administrative Sex	M	Value-Test Case Fixed
PID-10	Race		
PID-10.1	Identifier	1002-5	Value-Test Case Fixed
PID-10.2	Text	American Indian or Alaska Native	Presence-Test Case Proper
PID-10.3	Name of Coding System	CDCREC	Value-Profile Fixed
PID-10.4	Alternate Identifier		
PID-10.5	Alternate Text		
PID-10.6	Name of Alternate Coding System		
PID-11	Patient Address		
PID-11.1	Street Address		
PID-11.1.1	Street or Mailing Address	749 Evergreen Ter.	Value-Test Case Fixed
PID-11.2	Other Designation	Unit A	Value-Test Case Fixed
PID-11.3	City	Springfield	Value-Test Case Fixed
PID-11.4	State or Province	OR	Value-Test Case Fixed
PID-11.5	Zip or Postal Code	97477	Value-Test Case Fixed
PID-11.6	Country	USA	Value-Test Case Fixed
PID-11.7	Address Type	P	Value-Test Case Fixed
PID-13[1]	Phone Number - Home		
PID-13[1].2	Telecommunication Use Code	PRN	Value-Test Case Fixed

PID-13[1].3	Telecommunication Equipment Type	CP	Value-Test Case Fixed
PID-13[1].4	Email Address		
PID-13[1].6	Area/City Code	541	Value-Test Case Fixed
PID-13[1].7	Local Number	5551111	Value-Test Case Fixed
PID-13[2]	Phone Number - Home		
PID-13[2].2	Telecommunication Use Code	NET	Value-Test Case Fixed
PID-13[2].3	Telecommunication Equipment Type	X.400	Value-Profile Fixed
PID-13[2].4	Email Address	IIPMP@gmail.com	Presence-Content Indifferent
PID-13[2].6	Area/City Code		
PID-13[2].7	Local Number		
PID-22	Ethnic Group		
PID-22.1	Identifier	2186-5	Value-Test Case Fixed
PID-22.2	Text	Not Hispanic or Latino	Presence-Test Case Proper
PID-22.3	Name of Coding System	CDCREC	Value-Profile Fixed
PID-22.4	Alternate Identifier		
PID-22.5	Alternate Text		
PID-22.6	Name of Alternate Coding System		
PID-24	Multiple Birth Indicator	N	Value-Test Case Fixed
PID-25	Birth Order	1	Indifferent
PID-29	Patient Death Date and Time		
PID-29.1	Time		
PID-30	Patient Death Indicator	N	Value-Test Case Fixed

#### PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1-11	Publicity Code		
PD1-11.1	Identifier	02	Value-Test Case Fixed
PD1-11.2	Text	Reminder/recall - any method	Presence-Test Case Proper
PD1-11.3	Name of Coding System	HL70215	Value-Profile Fixed
PD1-11.4	Alternate Identifier		
PD1-11.5	Alternate Text		
PD1-11.6	Name of Alternate Coding System		
PD1-12	Protection Indicator	N	Value-Test Case Fixed
PD1-13	Protection Indicator Effective Date	20240405	Presence-Content Indifferent
PD1-16	Immunization Registry Status	A	Value-Test Case Fixed
PD1-17	Immunization Registry Status Effective Date	20240126	Presence-Content Indifferent
PD1-18	Publicity Code Effective Date	20240405	Presence-Content Indifferent

#### NK1[\*]

#### NK1 : Next of Kin / Associated Parties

Location	Data Element	Data	Categorization
NK1-1	Set ID - NK1	1	Value-Profile Fixed
NK1-2	Name		
NK1-2.1	Family Name		
NK1-2.1.1	Surname	Duncan	Value-Test Case Fixed

NK1-2.2	Given Name	Ingrid	Value-Test Case Fixed
NK1-2.3	Second and Further Given Names or Initials Thereof	Stacy	Presence-Content Indifferent
NK1-2.7	Name Type Code	L	Value-Test Case Fixed
NK1-3	Relationship		
NK1-3.1	Identifier	MTH	Value-Test Case Fixed
NK1-3.2	Text	Mother	Presence-Test Case Proper
NK1-3.3	Name of Coding System	HL70063	Value-Profile Fixed
NK1-3.4	Alternate Identifier		
NK1-3.5	Alternate Text		
NK1-3.6	Name of Alternate Coding System		
NK1-4	Address		
NK1-4.1	Street Address		
NK1-4.1.1	Street or Mailing Address	749 Evergreen Ter.	Value-Test Case Fixed
NK1-4.2	Other Designation	Unit A	Indifferent
NK1-4.3	City	Springfield	Value-Test Case Fixed
NK1-4.4	State or Province	OR	Value-Test Case Fixed
NK1-4.5	Zip or Postal Code	97477	Value-Test Case Fixed
NK1-4.6	Country	USA	Value-Test Case Fixed
NK1-4.7	Address Type	P	Value-Test Case Fixed
NK1-5[1]	Phone Number		
NK1-5[1].2	Telecommunication Use Code	PRN	Value-Test Case Fixed
NK1-5[1].3	Telecommunication Equipment Type	CP	Value-Test Case Fixed
NK1-5[1].4	Email Address		
NK1-5[1].6	Area/City Code	541	Value-Test Case Fixed
NK1-5[1].7	Local Number	5551111	Value-Test Case Fixed
NK1-5[2]	Phone Number		
NK1-5[2].2	Telecommunication Use Code	NET	Value-Test Case Fixed
NK1-5[2].3	Telecommunication Equipment Type	X.400	Presence-Test Case Proper
NK1-5[2].4	Email Address	IIPMP@gmail.com	Presence-Content Indifferent
NK1-5[2].6	Area/City Code		
NK1-5[2].7	Local Number		

#### NK1 : Next of Kin / Associated Parties

Location	Data Element	Data	Categorization
NK1-1	Set ID - NK1	2	Value-Profile Fixed
NK1-2	Name		
NK1-2.1	Family Name		
NK1-2.1.1	Surname	Duncan	Value-Test Case Fixed
NK1-2.2	Given Name	Simon	Value-Test Case Fixed
NK1-2.3	Second and Further Given Names or Initials Thereof	Isaiah	Presence-Content Indifferent
NK1-2.7	Name Type Code	L	Value-Test Case Fixed
NK1-3	Relationship		
NK1-3.1	Identifier	FTH	Value-Test Case Fixed
NK1-3.2	Text	Father	Presence-Test Case Proper
NK1-3.3	Name of Coding System	HL70063	Value-Profile Fixed

NK1-3.4	Alternate Identifier		
NK1-3.5	Alternate Text		
NK1-3.6	Name of Alternate Coding System		
NK1-4	Address		
NK1-4.1	Street Address		
NK1-4.1.1	Street or Mailing Address	749 Evergreen Ter.	Value-Test Case Fixed
NK1-4.2	Other Designation	Unit A	Indifferent
NK1-4.3	City	Springfield	Value-Test Case Fixed
NK1-4.4	State or Province	OR	Value-Test Case Fixed
NK1-4.5	Zip or Postal Code	97477	Value-Test Case Fixed
NK1-4.6	Country	USA	Value-Test Case Fixed
NK1-4.7	Address Type	P	Value-Test Case Fixed
NK1-5	Phone Number		
NK1-5.2	Telecommunication Use Code	PRN	Value-Test Case Fixed
NK1-5.3	Telecommunication Equipment Type	CP	Value-Test Case Fixed
NK1-5.4	Email Address		
NK1-5.6	Area/City Code	541	Value-Test Case Fixed
NK1-5.7	Local Number	5551233	Value-Test Case Fixed

#### ORC : Common Order

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	Value-Profile Fixed
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier	1115	Indifferent
ORC-2.2	Namespace ID	OFM	Indifferent
ORC-2.3	Universal ID		
ORC-2.4	Universal ID Type		
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	2226	Presence-Content Indifferent
ORC-3.2	Namespace ID	OFM	Presence-Content Indifferent
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-10	Entered By		
ORC-10.1	ID Number	7824	Presence-Content Indifferent
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Wyatt	Value-Test Case Fixed
ORC-10.3	Given Name	Daniela	Value-Test Case Fixed
ORC-10.4	Second and Further Given Names or Initials Thereof	Jennifer	Indifferent
ORC-10.9	Assigning Authority		
ORC-10.9.1	Namespace ID	OFM-PI-1	Indifferent
ORC-10.9.2	Universal ID		
ORC-10.9.3	Universal ID Type		
ORC-10.10	Name Type Code	L	Value-Test Case Fixed
ORC-10.13	Identifier Type Code	PRN	Value-Test Case Fixed
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		

ORC-12.2.1	Surname		
ORC-12.3	Given Name		
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.9.1	Namespace ID		
ORC-12.9.2	Universal ID		
ORC-12.9.3	Universal ID Type		
ORC-12.10	Name Type Code		
ORC-12.13	Identifier Type Code		
ORC-17	Entering Organization		
ORC-17.1	Identifier	197028	Presence-Content Indifferent
ORC-17.2	Text	Oregon Family Medicine	Presence-Content Indifferent
ORC-17.3	Name of Coding System	HL70362	Value-Profile Fixed
ORC-17.4	Alternate Identifier		
ORC-17.5	Alternate Text		
ORC-17.6	Name of Alternate Coding System		

### RXA : Pharmacy/Treatment Administration

Location	Data Element	Data	Categorization
RXA-1	Give Sub-ID Counter	0	Value-Profile Fixed
RXA-2	Administration Sub-ID Counter	1	Value-Profile Fixed
RXA-3	Date/Time Start of Administration		
RXA-3.1	Time	20240405	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	45	Value-Test Case Fixed
RXA-5.2	Text	Hep B, unspecified formulation	Presence-Test Case Proper
RXA-5.3	Name of Coding System	CVX	Value-Profile Fixed
RXA-5.4	Alternate Identifier		Indifferent
RXA-5.5	Alternate Text		Indifferent
RXA-5.6	Name of Alternate Coding System		Indifferent
RXA-6	Administered Amount	999	Value-Test Case Fixed
RXA-7	Administered Units		
RXA-7.1	Identifier		
RXA-7.2	Text		
RXA-7.3	Name of Coding System		
RXA-7.4	Alternate Identifier		
RXA-7.5	Alternate Text		
RXA-7.6	Name of Alternate Coding System		
RXA-9	Administration Notes		
RXA-9.1	Identifier	02	Value-Test Case Fixed
RXA-9.2	Text	Historical information - from other provider	Presence-Test Case Proper
RXA-9.3	Name of Coding System	NIP001	Value-Profile Fixed
RXA-9.4	Alternate Identifier		
RXA-9.5	Alternate Text		
RXA-9.6	Name of Alternate Coding System		
RXA-10	Administering Provider		
RXA-10.1	ID Number		

RXA-10.2	Family Name		
RXA-10.2.1	Surname		
RXA-10.3	Given Name		
RXA-10.4	Second and Further Given Names or Initials Thereof		
RXA-10.9	Assigning Authority		
RXA-10.9.1	Namespace ID		
RXA-10.9.2	Universal ID		
RXA-10.9.3	Universal ID Type		
RXA-10.10	Name Type Code		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
RXA-11.4.1	Namespace ID		
RXA-11.4.2	Universal ID		
RXA-11.4.3	Universal ID Type		
RXA-15	Substance Lot Number		
RXA-16	Substance Expiration Date		
RXA-16.1	Time		
RXA-17	Substance Manufacturer Name		
RXA-17.1	Identifier		
RXA-17.2	Text		
RXA-17.3	Name of Coding System		
RXA-17.4	Alternate Identifier		
RXA-17.5	Alternate Text		
RXA-17.6	Name of Alternate Coding System		
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		
RXA-18.4	Alternate Identifier		
RXA-18.5	Alternate Text		
RXA-18.6	Name of Alternate Coding System		
RXA-20	Completion Status	CP	Value-Test Case Fixed
RXA-21	Action Code - RXA	A	Value-Test Case Fixed