

MSH[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	NISTAPP	Presence-Configuration
MSH-4	Sending Facility		
MSH-4.1	Namespace ID	NISTFAC	Presence-Configuration
MSH-5	Receiving Application		
MSH-5.1	Namespace ID	IISAPP	Indifferent
MSH-6	Receiving Facility		
MSH-6.1	Namespace ID	IISFAC	Presence-Configuration
MSH-7	Date/Time Of Message		
MSH-7.1	Time	20210123084727.655-0500	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	NIST-IZ-3.1-RE_Send_COVID	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-22	Sending Responsible Organization		
MSH-22.1	Organization Name	NISTFAC	Indifferent
MSH-23	Receiving Responsible Organization		
MSH-23.1	Organization Name	IISFAC	Indifferent

PID[1]

Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	Value-Profile Fixed
PID-3	Patient Identifier List		
PID-3.1	ID Number	8891	Presence-Content Indifferent
PID-3.4	Assigning Authority		
PID-3.4.1	Namespace ID	NIST-MPI-3	Presence-Content Indifferent
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	Paige	Presence-Content Indifferent
PID-5.2	Given Name	Wray	Presence-Content Indifferent
PID-5.3	Second and Further Given Names or Initials Thereof	Charles	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		Indifferent
PID-6.7	Name Type Code		Indifferent

PID-7	Date/Time of Birth		
PID-7.1	Time	20020602	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	Native American	Presence-Test Case Proper
PID-10.3	Name of Coding System	CDCREC	Value-Profile Fixed
PID-11	Patient Address		
PID-11.1	Street Address		
PID-11.1.1	Street or Mailing Address	924 Sycamore Lane	Presence-Content Indifferent
PID-11.2	Other Designation		Indifferent
PID-11.3	City	Arroyo	Presence-Content Indifferent
PID-11.4	State or Province	PA	Presence-Content Indifferent
PID-11.5	Zip or Postal Code	00714	Presence-Content Indifferent
PID-11.6	Country	USA	Presence-Content Indifferent
PID-11.7	Address Type	P	Value-Test Case Fixed List
PID-13	Phone Number - Home		
PID-13.2	Telecommunication Use Code	PRN	Value-Test Case Fixed
PID-13.3	Telecommunication Equipment Type	PH	Value-Test Case Fixed
PID-13.6	Area/City Code	406	Presence-Content Indifferent
PID-13.7	Local Number	5555835	Presence-Content Indifferent
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-24	Multiple Birth Indicator	Y	Indifferent
PID-25	Birth Order	2	Indifferent
PID-30	Patient Death Indicator	N	Indifferent

PD1[1]

Location	Data Element	Data	Categorization
PD1-11	Publicity Code		
PD1-11.1	Identifier	08	Value-Test Case Fixed
PD1-11.2	Text	Reminder/recall - to provider	Presence-Test Case Proper
PD1-11.3	Name of Coding System	HL70215	Value-Profile Fixed
PD1-12	Protection Indicator	N	Indifferent
PD1-13	Protection Indicator Effective Date	20150624	Indifferent
PD1-16	Immunization Registry Status	A	Value-Test Case Fixed
PD1-17	Immunization Registry Status Effective Date	20040602	Presence-Content Indifferent
PD1-18	Publicity Code Effective Date	20150624	Presence-Content Indifferent

ORDER[1].ORC[1]

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	Value-Profile Fixed
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier	5645	Indifferent
ORC-2.2	Namespace ID	NIST-AA-IZ-3	Indifferent
ORC-3	Filler Order Number		

ORC-3.1	Entity Identifier	9999	Value-Profile Fixed
ORC-3.2	Namespace ID	NIST-AA-IZ-3	Presence-Content Indifferent
ORC-10	Entered By		
ORC-10.1	ID Number	7282	Presence-Content Indifferent
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Prince	Presence-Content Indifferent
ORC-10.3	Given Name	Janet	Presence-Content Indifferent
ORC-10.4	Second and Further Given Names or Initials Thereof	Suzanne	Presence-Content Indifferent
ORC-10.9	Assigning Authority		
ORC-10.9.1	Namespace ID	NIST-PI-1	Presence-Content Indifferent
ORC-10.10	Name Type Code	L	Indifferent
ORC-10.13	Identifier Type Code	PRN	Value-Test Case Fixed List
ORC-12	Ordering Provider		
ORC-12.1	ID Number	954	Presence-Content Indifferent
ORC-12.2	Family Name		
ORC-12.2.1	Surname	Porter	Presence-Content Indifferent
ORC-12.3	Given Name	Harry	Presence-Content Indifferent
ORC-12.4	Second and Further Given Names or Initials Thereof	James	Indifferent
ORC-12.9	Assigning Authority		
ORC-12.9.1	Namespace ID	NIST-PI-1	Presence-Content Indifferent
ORC-12.10	Name Type Code	L	Value-Test Case Fixed
ORC-12.13	Identifier Type Code	MD	Value-Test Case Fixed List
ORC-17	Entering Organization		
ORC-17.1	Identifier	NISTEHRFAC	Indifferent
ORC-17.2	Text	NISTEHRFacility	Indifferent
ORC-17.3	Name of Coding System	HL70362	Indifferent

ORDER[1].RXA[1]

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	20210123	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	208	Value-Test Case Fixed
RXA-5.2	Text	COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose	Presence-Test Case Proper
RXA-5.3	Name of Coding System	CVX	Value-Profile Fixed
RXA-6	Administered Amount	999	Presence-Test Case Proper
RXA-11	Administered-at Location		
RXA-11.4	Facility		
RXA-11.4.1	Namespace ID	NIST-Clinic-3	Presence-Content Indifferent
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier	03	Presence-Content Indifferent
RXA-18.2	Text	Patient decision	Presence-Test Case Proper
RXA-18.3	Name of Coding System	NIP002	Value-Profile Fixed
RXA-20	Completion Status	RE	Value-Test Case Fixed
RXA-21	Action Code - RXA	A	Value-Test Case Fixed

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	NISTAPP	Presence-Configuration
MSH-4	Sending Facility		
MSH-4.1	Namespace ID	NISTFAC	Presence-Configuration
MSH-5	Receiving Application		
MSH-5.1	Namespace ID	IISAPP	Indifferent
MSH-6	Receiving Facility		
MSH-6.1	Namespace ID	IISFAC	Presence-Configuration
MSH-7	Date/Time Of Message		
MSH-7.1	Time	20210123084727.655-0500	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	NIST-IZ-3.1-RE_Send_COVID	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-22	Sending Responsible Organization		
MSH-22.1	Organization Name	NISTFAC	Indifferent
MSH-23	Receiving Responsible Organization		
MSH-23.1	Organization Name	IISFAC	Indifferent

Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	Value-Profile Fixed
PID-3	Patient Identifier List		
PID-3.1	ID Number	8891	Presence-Content Indifferent
PID-3.4	Assigning Authority		
PID-3.4.1	Namespace ID	NIST-MPI-3	Presence-Content Indifferent
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	Paige	Presence-Content Indifferent
PID-5.2	Given Name	Wray	Presence-Content Indifferent
PID-5.3	Second and Further Given Names or Initials Thereof	Charles	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		Indifferent
PID-6.7	Name Type Code		Indifferent
PID-7	Date/Time of Birth		
PID-7.1	Time	20020602	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	Native American	Presence-Test Case Proper
PID-10.3	Name of Coding System	CDCREC	Value-Profile Fixed
PID-11	Patient Address		
PID-11.1	Street Address		
PID-11.1.1	Street or Mailing Address	924 Sycamore Lane	Presence-Content Indifferent
PID-11.2	Other Designation		Indifferent
PID-11.3	City	Arroyo	Presence-Content Indifferent
PID-11.4	State or Province	PA	Presence-Content Indifferent
PID-11.5	Zip or Postal Code	00714	Presence-Content Indifferent
PID-11.6	Country	USA	Presence-Content Indifferent
PID-11.7	Address Type	P	Value-Test Case Fixed List
PID-13	Phone Number - Home		
PID-13.2	Telecommunication Use Code	PRN	Value-Test Case Fixed
PID-13.3	Telecommunication Equipment Type	PH	Value-Test Case Fixed
PID-13.6	Area/City Code	406	Presence-Content Indifferent
PID-13.7	Local Number	5555835	Presence-Content Indifferent
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-24	Multiple Birth Indicator	Y	Indifferent
PID-25	Birth Order	2	Indifferent
PID-30	Patient Death Indicator	N	Indifferent

Location	Data Element	Data	Categorization
PD1-11	Publicity Code		
PD1-11.1	Identifier	08	Value-Test Case Fixed
PD1-11.2	Text	Reminder/recall - to provider	Presence-Test Case Proper
PD1-11.3	Name of Coding System	HL70215	Value-Profile Fixed
PD1-12	Protection Indicator	N	Indifferent
PD1-13	Protection Indicator Effective Date	20150624	Indifferent
PD1-16	Immunization Registry Status	A	Value-Test Case Fixed
PD1-17	Immunization Registry Status Effective Date	20040602	Presence-Content Indifferent
PD1-18	Publicity Code Effective Date	20150624	Presence-Content Indifferent

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	Value-Profile Fixed
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier	5645	Indifferent
ORC-2.2	Namespace ID	NIST-AA-IZ-3	Indifferent
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	9999	Value-Profile Fixed
ORC-3.2	Namespace ID	NIST-AA-IZ-3	Presence-Content Indifferent
ORC-10	Entered By		
ORC-10.1	ID Number	7282	Presence-Content Indifferent
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Prince	Presence-Content Indifferent
ORC-10.3	Given Name	Janet	Presence-Content Indifferent

ORC-10.4	Second and Further Given Names or Initials Thereof	Suzanne	Presence-Content Indifferent
ORC-10.9	Assigning Authority		
ORC-10.9.1	Namespace ID	NIST-PI-1	Presence-Content Indifferent
ORC-10.10	Name Type Code	L	Indifferent
ORC-10.13	Identifier Type Code	PRN	Value-Test Case Fixed List
ORC-12	Ordering Provider		
ORC-12.1	ID Number	954	Presence-Content Indifferent
ORC-12.2	Family Name		
ORC-12.2.1	Surname	Porter	Presence-Content Indifferent
ORC-12.3	Given Name	Harry	Presence-Content Indifferent
ORC-12.4	Second and Further Given Names or Initials Thereof	James	Indifferent
ORC-12.9	Assigning Authority		
ORC-12.9.1	Namespace ID	NIST-PI-1	Presence-Content Indifferent
ORC-12.10	Name Type Code	L	Value-Test Case Fixed
ORC-12.13	Identifier Type Code	MD	Value-Test Case Fixed List
ORC-17	Entering Organization		
ORC-17.1	Identifier	NISTEHRFAC	Indifferent
ORC-17.2	Text	NISTEHRFacility	Indifferent
ORC-17.3	Name of Coding System	HL70362	Indifferent

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	20210123	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	208	Value-Test Case Fixed
RXA-5.2	Text	COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose	Presence-Test Case Proper
RXA-5.3	Name of Coding System	CVX	Value-Profile Fixed
RXA-6	Administered Amount	999	Presence-Test Case Proper
RXA-11	Administered-at Location		
RXA-11.4	Facility		
RXA-11.4.1	Namespace ID	NIST-Clinic-3	Presence-Content Indifferent
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier	03	Presence-Content Indifferent
RXA-18.2	Text	Patient decision	Presence-Test Case Proper
RXA-18.3	Name of Coding System	NIP002	Value-Profile Fixed
RXA-20	Completion Status	RE	Value-Test Case Fixed
RXA-21	Action Code - RXA	A	Value-Test Case Fixed