MSH : Message Header

Location	Data Element	Data	Categorization
MSH-1	Field Separator		Value-Profile Fixed
MSH-2	Encoding Characters	\^~\&	Value-Profile Fixed
MSH-3	Sending Application	/ - (&	Value-1 Tollie Flact
	Schaing Application		Presence-
MSH-3.1	Namespace ID	NISTEHRAPP	Configuration
MSH-3.2	Universal ID		Indifferent
MSH-3.3	Universal ID Type		Indifferent
MSH-4	Sending Facility		
MSH-4.1	Namespace ID	NISTEHRFAC	Presence- Configuration
MSH-4.2	Universal ID		Indifferent
MSH-4.3	Universal ID Type		Indifferent
MSH-5	Receiving Application		
MSH-5.1	Namespace ID	NISTIISAPP	Presence- Configuration
MSH-5.2	Universal ID		Indifferent
MSH-5.3	Universal ID Type		Indifferent
MSH-6	Receiving Facility		
MSH-6.1	Namespace ID	NISTIISFAC	Presence- Configuration
MSH-6.2	Universal ID		Indifferent
MSH-6.3	Universal ID Type		Indifferent
MSH-7	Date/Time Of Message		
MSH-7.1	Time	20150624084727.655- 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-AD- 2.1_Send_V04_Z22	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		Indifferent
MSH-21.4	Universal ID Type		Indifferent
MSH-22	Sending Responsible Organization		
MSH-22.1	Organization Name	NISTEHRFAC	Presence- Configuration
MSH-22.6	Assigning Authority		
MSH-22.6.1	Namespace ID		Presence- Configuration
MSH-22.6.2	Universal ID		Indifferent
MSH-22.6.3	Universal ID Type		Indifferent
MSH-22.7	Identifier Type Code		Indifferent
MSH-22.10	Organization Identifier		Indifferent
MSH-23	Receiving Responsible Organization		
MSH-23.1	Organization Name	NISTIISFAC	Presence- Configuration
MSH-23.6	Assigning Authority		
MSH-23.6.1	Namespace ID		Presence- Configuration
MSH-23.6.2	Universal ID		Indifferent
MSH-23.6.3	Universal ID Type		Indifferent
MSH-23.7	Identifier Type Code		Indifferent
MSH-23.10	Organization Identifier		Indifferent

PID : Patient Identification -

TID . Tatient facilitieation			
Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	Value-Profile Fixed
PID-3	Patient Identifier List		
PID-3.1	ID Number	90012	Presence-Content Indifferent
PID-3.4	Assigning Authority		
PID-3.4.1	Namespace ID	NIST-MPI-1	Presence-Content Indifferent
PID-3.4.2	Universal ID		Indifferent
PID-3.4.3	Universal ID Type		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	Wong	Presence-Content Indifferent
PID-5.2	Given Name	Elise	Presence-Content Indifferent
PID-5.3	Second and Further Given Names or Initials Thereof		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		Presence-Content Indifferent
PID-6.7	Name Type Code		Value-Profile Fixed
PID-7	Date/Time of Birth		
PID-7.1	Time	19830615	Presence-Content Indifferent
PID-8	Administrative Sex	F	Value-Test Case Fixed
PID-10	Race		
PID-10.1	Identifier	2028-9	Value-Test Case Fixed
PID-10.2	Text	Asian	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	9200 Wellington Trail	Presence-Content Indifferent
PID-11.2	Other Designation		Indifferent
PID-11.3	City	Bozeman	Presence-Content Indifferent
PID-11.4	State or Province	MT	Presence-Content Indifferent
PID-11.5	Zip or Postal Code	59715	Presence-Content Indifferent
PID-11.6	Country	USA	Presence-Content Indifferent
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	РН	Value-Test Case Fixed
PID-13[1].4	Email Address		Presence-Content Indifferent
PID-13[1].6	Area/City Code	406	Presence-Content Indifferent

PID-13[1].7	Local Number	5557896	Presence-Content Indifferent
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	Internet	Value-Test Case Fixed
PID-13[2].4	Email Address	Elise.Wong@isp.com	Presence-Content Indifferent
PID-13[2].6	Area/City Code		Presence-Content Indifferent
PID-13[2].7	Local Number		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	N	Value-Test Case Fixed
PID-25	Birth Order	1	Indifferent
PID-29	Patient Death Date and Time		
PID-29.1	Time		NonPresence
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
PD1-12	Protection Indicator	N	Value-Test Case Fixed
PD1-13	Protection Indicator Effective Date	20150624	Presence-Content Indifferent
PD1-16	Immunization Registry Status	A	Value-Test Case Fixed
PD1-17	Immunization Registry Status Effective Date	19830615	Presence-Content Indifferent
PD1-18	Publicity Code Effective Date	20150624	Presence-Content Indifferent

ORC[*]-

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	4422	Presence-Content Indifferent
ORC-2.2	Namespace ID	NIST-AA-IZ-2	Presence-Content Indifferent
ORC-2.3	Universal ID		Indifferent
ORC-2.4	Universal ID Type		Indifferent
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	13696	Presence-Content Indifferent
ORC-3.2	Namespace ID	NIST-AA-IZ-2	Presence-Content Indifferent
ORC-3.3	Universal ID		Indifferent
ORC-3.4	Universal ID Type		Indifferent
ORC-10	Entered By		
ORC-10.1	ID Number	7824	Presence-Content Indifferent
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Jackson	Presence-Content Indifferent
ORC-10.3	Given Name	Lily	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-10.9.2	Universal ID		Indifferent
ORC-10.9.3	Universal ID Type		Indifferent
ORC-10.10	Name Type Code	L	Value-Test Case Fixed
ORC-10.13	Identifier Type Code	PRN	Value-Test Case Fixed
ORC-17	Entering Organization		
ORC-17.1	Identifier	NISTEHRFAC	Presence-Content Indifferent
ORC-17.2	Text	NISTEHRFacility	Presence-Content Indifferent
ORC-17.3	Name of Coding System	HL70362	Value-Profile 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	6139	Presence-Content Indifferent
ORC-2.2	Namespace ID	NIST-AA-IZ-2	Presence-Content Indifferent
ORC-2.3	Universal ID		Indifferent
ORC-2.4	Universal ID Type		Indifferent
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	38760	Presence-Content Indifferent
ORC-3.2	Namespace ID	NIST-AA-IZ-2	Presence-Content Indifferent
ORC-3.3	Universal ID		Indifferent
ORC-3.4	Universal ID Type		Indifferent
ORC-10	Entered By		
ORC-10.1	ID Number	7824	Presence-Content Indifferent
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Jackson	Presence-Content Indifferent
ORC-10.3	Given Name	Lily	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-10.9.2	Universal ID		Indifferent
ORC-10.9.3	Universal ID Type		Indifferent
ORC-10.10	Name Type Code	L	Value-Test Case Fixed
ORC-10.13	Identifier Type Code	PRN	Value-Test Case Fixed
ORC-17	Entering Organization		
ORC-17.1	Identifier	NISTEHRFAC	Presence-Content Indifferent
ORC-17.2	Text	NISTEHRFacility	Presence-Content Indifferent
	Name of Coding		

ORC-17.3	System	HL70362	Value-Profile 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	7600	Presence-Content Indifferent
ORC-2.2	Namespace ID	NIST-AA-IZ-2	Presence-Content Indifferent
ORC-2.3	Universal ID		Indifferent
ORC-2.4	Universal ID Type		Indifferent
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	35508	Presence-Content Indifferent
ORC-3.2	Namespace ID	NIST-AA-IZ-2	Presence-Content Indifferent
ORC-3.3	Universal ID		Indifferent
ORC-3.4	Universal ID Type		Indifferent
ORC-10	Entered By		
ORC-10.1	ID Number	7824	Presence-Content Indifferent
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Jackson	Presence-Content Indifferent
ORC-10.3	Given Name	Lily	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-10.9.2	Universal ID		Indifferent
ORC-10.9.3	Universal ID Type		Indifferent
ORC-10.10	Name Type Code	L	Value-Test Case Fixed
ORC-10.13	Identifier Type Code	PRN	Value-Test Case Fixed
ORC-17	Entering Organization		
ORC-17.1	Identifier	NISTEHRFAC	Presence-Content Indifferent
ORC-17.2	Text	NISTEHRFacility	Presence-Content Indifferent

ORC-17.3	Name of Coding	HL70362	Value-Profile Fixed
	System		

-RXA[*]-

-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	20150624	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	49281-0215-88	Value-Test Case Fixed
RXA-5.2	Text	TENIVAC	Presence-Test Case Proper
RXA-5.3	Name of Coding System	NDC	Value-Profile Fixed
RXA-6	Administered Amount	0.5	Presence-Test Case Proper
RXA-7	Administered Units		
RXA-7.1	Identifier	mL	Value-Test Case Fixed
RXA-7.2	Text	mL	Presence-Test Case Proper
RXA-7.3	Name of Coding System	UCUM	Value-Profile Fixed
RXA-9	Administration Notes		
RXA-9.1	Identifier	00	Value-Test Case Fixed
RXA-9.2	Text	New Record	Presence-Test Case Proper
RXA-9.3	Name of Coding System	NIP001	Value-Profile Fixed
RXA-10	Administering Provider		
RXA-10.1	ID Number	7824	Presence-Content Indifferent
RXA-10.2	Family Name		
RXA-10.2.1	Surname	Jackson	Presence-Content Indifferent
RXA-10.3	Given Name	Lily	Presence-Content Indifferent
RXA-10.4	Second and Further Given Names or	Suzanne	Presence-Content

	Initials Thereof		Indifferent
RXA-10.9	Assigning Authority		
RXA-10.9.1	Namespace ID	NIST-PI-1	Presence-Content Indifferent
RXA-10.9.2	Universal ID		Indifferent
RXA-10.9.3	Universal ID Type		Indifferent
RXA-10.10	Name Type Code	L	Value-Test Case Fixed
RXA-10.13	Identifier Type Code	PRN	Value-Test Case Fixed
RXA-11	Administered-at Location		
RXA-11.4	Facility		
RXA-11.4.1	Namespace ID	NIST-Clinic-1	Presence-Content Indifferent
RXA-11.4.2	Universal ID		Indifferent
RXA-11.4.3	Universal ID Type		Indifferent
RXA-15	Substance Lot Number	315841	Presence-Content Indifferent
RXA-16	Substance Expiration Date		
RXA-16.1	Time	20151216	Presence-Content Indifferent
RXA-17	Substance Manufacturer Name		
RXA-17.1	Identifier	PMC	Value-Test Case Fixed
RXA-17.2	Text	Sanofi Pasteur	Presence-Test Case Proper
RXA-17.3	Name of Coding System	MVX	Value-Profile Fixed
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		NonPresence
RXA-18.2	Text		NonPresence
RXA-18.3	Name of Coding System		NonPresence
RXA-20	Completion Status	СР	Value-Test Case Fixed
RXA-21	Action Code - RXA	A	Value-Test Case Fixed

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	20141012	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	88	Value-Test Case Fixed
RXA-5.2	Text	influenza, unspecified formulation	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-7	Administered Units		
RXA-7.1	Identifier		Value-Test Case Fixed
RXA-7.2	Text		Presence-Test Case Proper
RXA-7.3	Name of Coding System		Value-Profile Fixed
RXA-9	Administration Notes		
RXA-9.1	Identifier	01	Value-Test Case Fixed
RXA-9.2	Text	Historical Administration	Presence-Test Case Proper
RXA-9.3	Name of Coding System	NIP001	Value-Profile Fixed
RXA-10	Administering Provider		
RXA-10.1	ID Number		Presence-Content Indifferent
RXA-10.2	Family Name		
RXA-10.2.1	Surname		Presence-Content Indifferent
RXA-10.3	Given Name		Presence-Content Indifferent
RXA-10.4	Second and Further Given Names or Initials Thereof		Presence-Content Indifferent
RXA-10.9	Assigning Authority		
RXA-10.9.1	Namespace ID		Presence-Content Indifferent
RXA-10.9.2	Universal ID		Indifferent
RXA-10.9.3	Universal ID Type		Indifferent

RXA-10.10	Name Type Code		Value-Test Case Fixed
RXA-10.13	Identifier Type Code		Value-Test Case Fixed
RXA-11	Administered-at Location		
RXA-11.4	Facility		
RXA-11.4.1	Namespace ID		Presence-Content Indifferent
RXA-11.4.2	Universal ID		Indifferent
RXA-11.4.3	Universal ID Type		Indifferent
RXA-15	Substance Lot Number		Presence-Content Indifferent
RXA-16	Substance Expiration Date		
RXA-16.1	Time		Presence-Content Indifferent
RXA-17	Substance Manufacturer Name		
RXA-17.1	Identifier		Value-Test Case Fixed
RXA-17.2	Text		Presence-Test Case Proper
RXA-17.3	Name of Coding System		Value-Profile Fixed
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		NonPresence
RXA-18.2	Text		NonPresence
RXA-18.3	Name of Coding System		NonPresence
RXA-20	Completion Status	СР	Value-Test Case Fixed
RXA-21	Action Code - RXA	A	Value-Test Case Fixed

-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	20131112	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	88	Value-Test Case

RXA-5.2 Text unspecified formulation Proper RXA-5.3 Name of Coding System CVX Value-Profile Fix RXA-6 Administered Amount 999 Presence-Test Ca RXA-7 Administered Units RXA-7.1 Identifier Value-Test Case Fixed Presence-Test Ca Proper RXA-7.2 Text Presence-Test Ca Proper RXA-7.3 Name of Coding System Value-Profile Fix RXA-9 Administration Notes RXA-9 Identifier 01 Value-Profile Fix RXA-9.1 Identifier 01 Value-Profile Fix RXA-9.2 Text Historical RXA-9.3 Name of Coding System NIP001 Value-Profile Fix RXA-10 Administering Provider RXA-10.1 ID Number Presence-Content Indifferent RXA-10.2 Family Name RXA-10.3 Given Name Presence-Content RXA-10.4 Given Name Presence-Content RXA-10.5 Assigning Authority RXA-10.9.1 Namespace ID Presence-Content RXA-10.9.2 Universal ID RXA-10.9.3 Universal ID RXA-10.9.3 Universal ID RXA-10.9.1 Name Type Code RXA-10.10 Name Type Code RXA-10.11 Indifferent RXA-10.12 Code RXA-10.13 Identifier Type Code RXA-10.14 Facility RXA-11.4 Facility				Fixed
RXA-6 RXA-6 Administered Amount RXA-7 RXA-7.1 Identifier RXA-7.2 Text Presence-Test Caproper RXA-9.2 RXA-9.3 RXA-10 RXA-10.1 RXA-10.2 RXA-10.3 RXA-10.4 RXA-10.9 RXA-10.9.1 RXA-10.9 RXA-10.1 RXA-10.9 RXA-10.1 RXA-10.9 RXA-10.1 RXA-10.1 RXA-10.1 RXA-10.9 RXA-10.1 RXA-10.9 RXA-10.1 RXA-10.9 RXA-10.1 RXA-1	RXA-5.2	Text	unspecified	Presence-Test Case Proper
RXA-7 RXA-7 RXA-7.1 Identifier RXA-7.2 Text RXA-7.2 Text Presence-Test Caproper RXA-7.3 Name of Coding System RXA-9.1 Identifier O1 Value-Profile Fix RXA-9.2 Text Historical Administration RXA-9.3 Name of Coding System RXA-10 RXA-10.1 ID Number RXA-10.2 Family Name RXA-10.2 Family Name RXA-10.3 Given Name RXA-10.4 Second and Further Given Names or Initials Thereof RXA-10.9.1 RXA-10.9.1 RXA-10.9.2 Namespace ID RXA-10.9.3 Value-Profile Fix Value-Profile Fix Presence-Content Indifferent Presence-Content Indifferent Presence-Content Indifferent Presence-Content Indifferent Presence-Content Indifferent RXA-10.1 RXA-10.1 RXA-10.1 RXA-10.9 Assigning Authority RXA-10.9.1 RXA-10.9.2 Universal ID RXA-10.9.3 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.14 Facility	RXA-5.3	_	CVX	Value-Profile Fixed
RXA-7.1 Identifier Value-Test Case Fixed RXA-7.2 Text Presence-Test Caproper RXA-7.3 Name of Coding System RXA-9 Administration Notes RXA-9.1 Identifier 01 Value-Test Case Fixed RXA-9.2 Text Historical Administration Proper RXA-9.3 Name of Coding System RXA-10 Administering Provider RXA-10 ID Number Presence-Content Indifferent RXA-10.2 Family Name RXA-10.2.1 Surname Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent RXA-10.4 Second and Further Given Names or Initials Thereof RXA-10.9 Assigning Authority RXA-10.9.1 Namespace ID Indifferent RXA-10.9.2 Universal ID RXA-10.9.3 Universal ID RXA-10.9.3 Universal ID RXA-10.9.3 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.14 Facility	RXA-6		999	Presence-Test Case Proper
RXA-7.1 Identifier RXA-7.2 Text Presence-Test Caproper RXA-7.3 Name of Coding System RXA-9 Administration Notes RXA-9.1 Identifier RXA-9.1 Identifier RXA-9.2 Text RXA-9.2 Text RXA-9.3 Name of Coding System RXA-10.1 ID Number RXA-10.1 ID Number RXA-10.2 Family Name RXA-10.2.1 Surname RXA-10.3 Given Name 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 Identifier Type RXA-10.10 Name Type Code RXA-10.11 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.14 Facility	RXA-7	Administered Units		
RXA-7.2 Text Proper RXA-7.3 Name of Coding System RXA-9 Administration Notes RXA-9.1 Identifier 01 Value-Profile Fix Fixed RXA-9.2 Text Historical Administration Proper RXA-9.3 Name of Coding System RXA-10 Administering Provider RXA-10.1 ID Number Indifferent RXA-10.2 Family Name RXA-10.2.1 Surname Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent 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 RXA-10.9.3 Identifier Type RXA-10.10 Name Type Code RXA-10.11 Identifier Type Code RXA-10.12 Identifier Type Code RXA-10.13 Identifier Type Code RXA-11.4 Facility	RXA-7.1	Identifier		
RXA-9 Administration Notes RXA-9.1 Identifier RXA-9.2 Text Historical Administration RXA-9.3 Name of Coding System RXA-10.1 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 RXA-10.9 RXA-10.9.1 RXA-10.9.2 RXA-10.9.2 RXA-10.9.3 RXA-10.9.3 RXA-10.9 RXA-10.9.3 RXA-10.10 RXA-10.9.3 RXA-10.10 RXA-10.10 RXA-10.10 RXA-10.10 RXA-10.10 RXA-10.10 RXA-10.11 RXA-10.11 RXA-10.12 RXA-10.12 RXA-10.13 RXA-10.13 RXA-10.14 RXA-10.15 RXA-10.15 RXA-10.16 RXA-10.17 RXA-10.17 RXA-10.18 RXA-10.19 RXA-10.19 RXA-10.10 RXA-10.10 RXA-10.11 RXA-10.11 RXA-10.12 RXA-10.13 RXA-10.13 RXA-10.14 RXA-10.15 RXA-10.15 RXA-10.16 RXA-10.17 RXA-10.18 RXA-10.19 RXA-10.19 RXA-10.10 RXA-10.10 RXA-10.11 RXA-10.11 RXA-10.12 RXA-10.13 RXA-10.14 Facility	RXA-7.2	Text		Presence-Test Case Proper
RXA-9.1 Identifier 01 Value-Test Case Fixed RXA-9.2 Text Historical Administration Proper RXA-9.3 Name of Coding System NIP001 Value-Profile Fix RXA-10 Administering Provider RXA-10.1 ID Number Presence-Content Indifferent RXA-10.2 Family Name RXA-10.2.1 Surname Presence-Content Indifferent 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 RXA-10.9.3 Universal ID RXA-10.9.1 Name Type Code RXA-10.10 Name Type Code RXA-10.11 Identifier Type Code RXA-10.12 Administered-at Location RXA-11 Administered-at Location RXA-11.4 Facility	RXA-7.3	_		Value-Profile Fixed
RXA-9.1 Identifier 01 Fixed RXA-9.2 Text Historical Administration Proper RXA-9.3 Name of Coding System RXA-10 Administering Provider RXA-10.1 ID Number Presence-Content Indifferent RXA-10.2 Family Name RXA-10.2.1 Surname Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent 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 RXA-10.9.3 Universal ID RXA-10.9.1 Name Type Code RXA-10.10 Name Type Code RXA-10.11 Identifier Type Code RXA-10.12 Administered-at Location RXA-11 Administered-at Location RXA-11.4 Facility	RXA-9	Administration Notes		
RXA-9.2 Text Administration Proper RXA-9.3 Name of Coding System NIP001 Value-Profile Fix RXA-10 Administering Provider RXA-10.1 ID Number Presence-Content Indifferent RXA-10.2 Family Name Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent RXA-10.4 Second and Further Given Names or Initials Thereof RXA-10.9 Assigning Authority Presence-Content Indifferent RXA-10.9.1 Namespace ID Presence-Content Indifferent RXA-10.9.2 Universal ID Indifferent RXA-10.9.3 Universal ID Type RXA-10.9.3 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.13 Identifier Type Code RXA-11 Administered-at Location RXA-11.4 Facility	RXA-9.1	Identifier	01	
RXA-10.1 ID Number Presence-Content Indifferent RXA-10.2 Family Name RXA-10.2.1 Surname Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent 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 RXA-10.9.3 Identifier Type Code RXA-10.13 Identifier Type Code RXA-10.13 Administered-at Location RXA-11.4 Facility	RXA-9.2	Text		Presence-Test Case Proper
RXA-10.1 ID Number Presence-Content Indifferent RXA-10.2 Family Name RXA-10.2.1 Surname Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent RXA-10.4 Given Names or Indifferent RXA-10.4 Given Names or Indifferent RXA-10.9 Assigning Authority RXA-10.9 INAMESPACE ID Presence-Content Indifferent RXA-10.9.1 Namespace ID Indifferent RXA-10.9.2 Universal ID Indifferent RXA-10.9.3 Universal ID Indifferent RXA-10.9.3 Universal ID Indifferent RXA-10.10 Name Type Code RXA-10.11 Identifier Type Code RXA-10.13 Identifier Type Code RXA-11 Administered-at Location RXA-11.4 Facility	RXA-9.3	_	NIP001	Value-Profile Fixed
RXA-10.1 ID Number Indifferent RXA-10.2 Family Name RXA-10.2.1 Surname Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent RXA-10.4 Second and Further Given Names or Initials Thereof RXA-10.9 Assigning Authority RXA-10.9.1 Namespace ID Presence-Content Indifferent RXA-10.9.2 Universal ID Indifferent RXA-10.9.3 Universal ID Indifferent RXA-10.10 Name Type Code RXA-10.11 Identifier Type Code RXA-10.13 Identifier Type Code RXA-11 Administered-at Location RXA-11.4 Facility	RXA-10			
RXA-10.2.1 Surname Presence-Content Indifferent RXA-10.3 Given Name Presence-Content Indifferent RXA-10.4 Second and Further Given Names or Initials Thereof RXA-10.9 Assigning Authority RXA-10.9.1 Namespace ID Presence-Content Indifferent RXA-10.9.2 Universal ID Indifferent RXA-10.9.3 Universal ID Type RXA-10.10 Name Type Code RXA-10.13 Identifier Type Code RXA-10.13 Identifier Type Code RXA-11 Location RXA-11.4 Facility	RXA-10.1	ID Number		Presence-Content Indifferent
RXA-10.2.1 Surname Indifferent RXA-10.3 Given Name Presence-Content Indifferent RXA-10.4 Second and Further Given Names or Initials Thereof RXA-10.9 Assigning Authority RXA-10.9.1 Namespace ID Presence-Content Indifferent RXA-10.9.2 Universal ID Indifferent RXA-10.9.3 Universal ID Indifferent RXA-10.9.3 Universal ID Indifferent RXA-10.10 Name Type Code RXA-10.11 Identifier Type Code RXA-10.13 Identifier Type Code RXA-11 Location RXA-11.4 Facility	RXA-10.2	Family Name		
RXA-10.3 Given Name Indifferent RXA-10.4 Second and Further Given Names or Initials Thereof RXA-10.9 Assigning Authority RXA-10.9.1 Namespace ID Presence-Content Indifferent RXA-10.9.2 Universal ID Indifferent RXA-10.9.3 Universal ID Type RXA-10.10 Name Type Code RXA-10.13 Identifier Type Code RXA-10.13 Identifier Type Code RXA-11 Administered-at Location RXA-11.4 Facility	RXA-10.2.1	Surname		Presence-Content Indifferent
RXA-10.4 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 RXA-10.10 Name Type Code RXA-10.11 Identifier Type Code RXA-10.13 Identifier Type Code RXA-11 Administered-at Location RXA-11.4 Facility	RXA-10.3	Given Name		Presence-Content Indifferent
RXA-10.9 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-10.13 Administered-at Location RXA-11.4 Facility Presence-Content Indifferent Value-Test Case Fixed Value-Test Case Fixed Value-Test Case Fixed	RXA-10.4	Given Names or		Presence-Content Indifferent
RXA-10.9.1 Namespace ID Indifferent RXA-10.9.2 Universal ID Indifferent RXA-10.9.3 Universal ID Type RXA-10.10 Name Type Code RXA-10.13 Identifier Type Code RXA-10.13 Administered-at Location RXA-11.4 Facility	RXA-10.9			
RXA-10.9.3 Universal ID Type RXA-10.10 Name Type Code RXA-10.13 Identifier Type Code RXA-10.13 Administered-at Location RXA-11.4 Facility Indifferent Value-Test Case Fixed Value-Test Case Fixed	RXA-10.9.1	Namespace ID		Presence-Content Indifferent
RXA-10.9.3 Type Indifferent RXA-10.10 Name Type Code Value-Test Case Fixed RXA-10.13 Identifier Type Code Value-Test Case Fixed RXA-11 Administered-at Location RXA-11.4 Facility	RXA-10.9.2	Universal ID		Indifferent
RXA-10.10 RXA-10.13 Identifier Type Code Code RXA-11 Administered-at Location RXA-11.4 Facility Fixed Value-Test Case Fixed	RXA-10.9.3			Indifferent
RXA-10.13 Code Fixed RXA-11 Administered-at Location RXA-11.4 Facility	RXA-10.10	Name Type Code		
RXA-11 Location RXA-11.4 Facility	RXA-10.13	· -		
3	RXA-11			
Presence-Content	RXA-11.4	Facility		
				Presence-Content

RXA-11.4.1	Namespace ID		Indifferent
RXA-11.4.2	Universal ID		Indifferent
RXA-11.4.3	Universal ID Type		Indifferent
RXA-15	Substance Lot Number		Presence-Content Indifferent
RXA-16	Substance Expiration Date		
RXA-16.1	Time		Presence-Content Indifferent
RXA-17	Substance Manufacturer Name		
RXA-17.1	Identifier		Value-Test Case Fixed
RXA-17.2	Text		Presence-Test Case Proper
RXA-17.3	Name of Coding System		Value-Profile Fixed
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		NonPresence
RXA-18.2	Text		NonPresence
RXA-18.3	Name of Coding System		NonPresence
RXA-20	Completion Status	СР	Value-Test Case Fixed
RXA-21	Action Code - RXA	A	Value-Test Case Fixed

RXR: Pharmacy/Treatment Route

The state of the s			
Location	Data Element	Data	Categorization
RXR-1	Route		
RXR-1.1	Identifier	C28161	Value-Test Case Fixed
RXR-1.2	Text	Intramuscular	Presence-Test Case Proper
RXR-1.3	Name of Coding System	NCIT	Value-Profile Fixed
RXR-2	Administration Site		
RXR-2.1	Identifier	RD	Value-Test Case Fixed
RXR-2.2	Text	Right Deltoid	Presence-Test Case Proper
RXR-2.3	Name of Coding System	HL70163	Value-Profile Fixed

OBX[*]-

OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	1	Value-Profile Fixed
OBX-2	Value Type	CE	Value-Test Case Fixed
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30963-3	Value-Test Case Fixed
OBX-3.2	Text	Vaccine Funding Source	Presence-Test Case Proper
OBX-3.3	Name of Coding System	LN	Value-Profile Fixed
OBX-4	Observation Sub-ID	1	Presence-Test Case Proper
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		NonPresence
OBX-6.2	Text		NonPresence
OBX-6.3	Name of Coding System		NonPresence
OBX-11	Observation Result Status	F	Value-Profile Fixed
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20150624	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		Value-Test Case Fixed
OBX-17.2	Text		Presence-Test Case Proper
OBX-17.3	Name of Coding System		Value-Profile Fixed

-OBX : Observation/Result -

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	2	Value-Profile Fixed
OBX-2	Value Type	CE	Value-Test Case Fixed
OBX-3	Observation Identifier		
OBX-3.1	Identifier	64994-7	Value-Test Case Fixed
OBX-3.2	Text	Vaccine Funding Program Eligibility	Presence-Test Case Proper
OBX-3.3	Name of Coding System	LN	Value-Profile Fixed
			Presence-Test Case

OBX-4	Observation Sub-ID	2	Proper
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		NonPresence
OBX-6.2	Text		NonPresence
OBX-6.3	Name of Coding System		NonPresence
OBX-11	Observation Result Status	F	Value-Profile Fixed
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20150624	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier	VXC40	Value-Test Case Fixed
OBX-17.2	Text	per immunization	Presence-Test Case Proper
OBX-17.3	Name of Coding System	CDCPHINVS	Value-Profile Fixed

OBX : Observation/Result -

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	3	Value-Profile Fixed
OBX-2	Value Type	СЕ	Value-Test Case Fixed
OBX-3	Observation Identifier		
OBX-3.1	Identifier	69764-9	Value-Test Case Fixed
OBX-3.2	Text	Document Type	Presence-Test Case Proper
OBX-3.3	Name of Coding System	LN	Value-Profile Fixed
OBX-4	Observation Sub-ID	3	Presence-Test Case Proper
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		NonPresence
OBX-6.2	Text		NonPresence
OBX-6.3	Name of Coding System		NonPresence
OBX-11	Observation Result Status	F	Value-Profile Fixed
OBX-14	Date/Time of the Observation		
			Presence-Content

OBX-14.1	Time	20150624	Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		Value-Test Case Fixed
OBX-17.2	Text		Presence-Test Case Proper
OBX-17.3	Name of Coding System		Value-Profile Fixed

OBX : Observation/Result -

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	4	Value-Profile Fixed
OBX-2	Value Type	DT	Value-Test Case Fixed
OBX-3	Observation Identifier		
OBX-3.1	Identifier	29769-7	Value-Test Case Fixed
OBX-3.2	Text	Date Vis Presented	Presence-Test Case Proper
OBX-3.3	Name of Coding System	LN	Value-Profile Fixed
OBX-4	Observation Sub-ID	3	Presence-Test Case Proper
OBX-5	Observation Value	20150624	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		NonPresence
OBX-6.2	Text		NonPresence
OBX-6.3	Name of Coding System		NonPresence
OBX-11	Observation Result Status	F	Value-Profile Fixed
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20150624	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		Value-Test Case Fixed
OBX-17.2	Text		Presence-Test Case Proper
OBX-17.3	Name of Coding System		Value-Profile Fixed