

## MSH

Location	Data Element	Data	Categorization
MSH-1	Field Separator		
MSH-2	Encoding Characters	^~\&	
MSH-3	Sending Application		
MSH-3.1	Namespace ID	NIST IIS APP	
MSH-3.2	Universal ID		
MSH-3.3	Universal ID Type		
MSH-4	Sending Facility		
MSH-4.1	Namespace ID	NIST IIS FAC	
MSH-4.2	Universal ID		
MSH-4.3	Universal ID Type		
MSH-5	Receiving Application		
MSH-5.1	Namespace ID	NIST EHR APP	
MSH-5.2	Universal ID		
MSH-5.3	Universal ID Type		
MSH-6	Receiving Facility		
MSH-6.1	Namespace ID	NIST EHR Facility	
MSH-6.2	Universal ID		
MSH-6.3	Universal ID Type		
MSH-7	Date/Time Of Message		
MSH-7.1	Time	20141031145233-0500	
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	NIST-IZ-QR-2.2_Response_K11_Z42	
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	NE	

	Type		
MSH-21	Message Profile Identifier		
MSH-21.1	Entity Identifier	Z42	
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	NIST IIS FAC	
MSH-22.6	Assigning Authority		
MSH-22.6.1	Namespace ID	NIST-AA-1	
MSH-22.6.2	Universal ID		
MSH-22.6.3	Universal ID Type		
MSH-22.7	Identifier Type Code	XX	
MSH-22.10	Organization Identifier	100-1776	
MSH-23	Receiving Responsible Organization		
MSH-23.1	Organization Name	NIST EHR Facility	
MSH-23.6	Assigning Authority		
MSH-23.6.1	Namespace ID	NIST-AA-1	
MSH-23.6.2	Universal ID		
MSH-23.6.3	Universal ID Type		
MSH-23.7	Identifier Type Code	XX	
MSH-23.10	Organization Identifier	100-6482	

### MSA

Location	Data Element	Data	Categorization
MSA-1	Acknowledgment Code	AA	
MSA-2	Message Control ID	NIST-IZ-QR-2.1_Query_Q11_Z44	

## QAK

Location	Data Element	Data	Categorization
QAK-1	Query Tag	IZ-2.1-2015	
QAK-2	Query Response Status	OK	
QAK-3	Message Query Name		
QAK-3.1	Identifier	Z44	
QAK-3.2	Text	request evaluated Immunization history	
QAK-3.3	Name of Coding System	CDCPHINVS	
QAK-3.5	Alternate Text		
QAK-3.6	Name of Alternate Coding System		

## QPD

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-1.5	Alternate Text		
QPD-1.6	Name of Alternate Coding System		
QPD-2	Query Tag	IZ-2.1-2015	
QPD-3	PatientList		
QPD-3.1	ID Number	648286	
QPD-3.3	Check Digit Scheme		
QPD-3.4	Assigning Authority		
QPD-3.4.1	Namespace ID	NIST MPI	
QPD-3.4.2	Universal ID		
QPD-3.4.3	Universal ID Type		
QPD-3.5	Identifier Type Code	MR	
QPD-4	PatientName		

QPD-4.1	Family Name		
QPD-4.1.1	Surname	Stanley	
QPD-4.1.2	Own Surname Prefix		
QPD-4.1.3	Own Surname		
QPD-4.1.4	Surname Prefix From Partner/Spouse		
QPD-4.1.5	Surname From Partner/Spouse		
QPD-4.2	Given Name	Clement	
QPD-4.3	Second and Further Given Names or Initials Thereof	S	
QPD-4.7	Name Type Code	L	
QPD-5	PatientMotherMaidenName		
QPD-5.1	Family Name		
QPD-5.1.1	Surname	Smith	
QPD-5.1.2	Own Surname Prefix		
QPD-5.1.3	Own Surname		
QPD-5.1.4	Surname Prefix From Partner/Spouse		
QPD-5.1.5	Surname From Partner/Spouse		
QPD-5.7	Name Type Code	M	
QPD-6	PatientDateOfBirth		
QPD-6.1	Time	19500214	
QPD-7	Patient Sex	M	
QPD-8	Patient Address		
QPD-8.1	Street Address		
QPD-8.1.1	Street or Mailing Address	1642 Bear Run	
QPD-8.1.2	Street Name		
QPD-8.1.3	Dwelling Number		
QPD-8.2	Other Designation		
QPD-8.3	City	Boseman	
QPD-8.4	State or Province	MT	
QPD-8.5	Zip or Postal Code	59715	
QPD-8.6	Country	USA	
QPD-8.7	Address Type	L	
QPD-9	Phone		
QPD-9.2	Telecommunication	PRN	

QPD-9.3	Use Code Telecommunication Equipment Type	PH	
QPD-9.4	Email Address		
QPD-9.6	Area/City Code	406	
QPD-9.7	Local Number	5552020	
QPD-10	Multiple birth indicator		
QPD-11	Birth order		

## PID

Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	
PID-3[1]	Patient Identifier List		
PID-3[1].1	ID Number	648286	
PID-3[1].3	Check Digit Scheme		
PID-3[1].4	Assigning Authority		
PID-3[1].4.1	Namespace ID	NIST MPI	
PID-3[1].4.2	Universal ID		
PID-3[1].4.3	Universal ID Type		
PID-3[1].5	Identifier Type Code	MR	
PID-3[2]	Patient Identifier List		
PID-3[2].1	ID Number	34500907	
PID-3[2].3	Check Digit Scheme		
PID-3[2].4	Assigning Authority		
PID-3[2].4.1	Namespace ID	IIS-AA	
PID-3[2].4.2	Universal ID		
PID-3[2].4.3	Universal ID Type		
PID-3[2].5	Identifier Type Code	SR	
PID-5	Patient Name		
PID-5.1	Family Name		
PID-5.1.1	Surname	Stanley	
PID-5.1.2	Own Surname Prefix		
PID-5.1.3	Own Surname		
	Surname Prefix		

PID-5.1.4	From Partner/Spouse		
PID-5.1.5	Surname From Partner/Spouse		
PID-5.2	Given Name	Clement	
PID-5.3	Second and Further Given Names or Initials Thereof	S	
PID-5.7	Name Type Code	L	
PID-7	Date/Time of Birth		
PID-7.1	Time	19950101	
PID-8	Administrative Sex	M	
PID-11	Patient Address		
PID-11.1	Street Address		
PID-11.1.1	Street or Mailing Address	1642 Bear Run	
PID-11.1.2	Street Name		
PID-11.1.3	Dwelling Number		
PID-11.2	Other Designation		
PID-11.3	City	Bozeman	
PID-11.4	State or Province	MT	
PID-11.5	Zip or Postal Code	59715	
PID-11.6	Country	USA	
PID-11.7	Address Type	L	
PID-30	Patient Death Indicator		

## ORC

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier		
ORC-2.2	Namespace ID		
ORC-2.3	Universal ID		
ORC-2.4	Universal ID Type		
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	193337027	
ORC-3.2	Namespace ID	IIS-AA	
ORC-3.3	Universal ID		

ORC-3.4	Universal ID Type		
ORC-17	Entering Organization		
ORC-17.1	Identifier		
ORC-17.2	Text		
ORC-17.3	Name of Coding System		
ORC-17.5	Alternate Text		
ORC-17.6	Name of Alternate Coding System		

### RXA

Location	Data Element	Data	Categorization
RXA-1	Give Sub-ID Counter	0	
RXA-2	Administration Sub-ID Counter	1	
RXA-3	Date/Time Start of Administration		
RXA-3.1	Time	20151029	
RXA-5	Administered Code		
RXA-5.1	Identifier	140	
RXA-5.2	Text	seasonal flu	
RXA-5.3	Name of Coding System	CVX	
RXA-5.5	Alternate Text		
RXA-5.6	Name of Alternate Coding System		
RXA-6	Administered Amount	0.5	
RXA-7	Administered Units		
RXA-7.1	Identifier	mL	
RXA-7.2	Text		
RXA-7.3	Name of Coding System	UCUM	
RXA-7.5	Alternate Text		
RXA-7.6	Name of Alternate Coding System		
RXA-9	Administration Notes		
RXA-9.1	Identifier	00	
RXA-9.2	Text	new immunization record	

RXA-9.3	Name of Coding System	NIP001	
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	Sticker	
RXA-10.2.2	Own Surname Prefix		
RXA-10.2.3	Own Surname		
RXA-10.2.4	Surname Prefix From Partner/Spouse		
RXA-10.2.5	Surname From Partner/Spouse		
RXA-10.3	Given Name	Nurse	
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-10.12	Check Digit Scheme		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
RXA-11.4.1	Namespace ID	DCS_DC	
RXA-11.4.2	Universal ID		
RXA-11.4.3	Universal ID Type		
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		



RXA-18.5	Alternate Text		
RXA-18.6	Name of Alternate Coding System		
RXA-20	Completion Status	CP	

## RXR

Location	Data Element	Data	Categorization
RXR-1	Route		
RXR-1.1	Identifier	C28161	
RXR-1.2	Text	IM	
RXR-1.3	Name of Coding System	NCIT	
RXR-1.5	Alternate Text		
RXR-1.6	Name of Alternate Coding System		
RXR-2	Administration Site		
RXR-2.1	Identifier		
RXR-2.2	Text		
RXR-2.3	Name of Coding System		
RXR-2.5	Alternate Text		
RXR-2.6	Name of Alternate Coding System		

## OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	1	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-6	Units		

OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	2	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20151029	

## OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	3	
OBX-2	Value Type	ID	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59781-5	
OBX-3.2	Text	dose validity	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value	Y	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20151029	

## ORC

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier		
ORC-2.2	Namespace ID		
ORC-2.3	Universal ID		
ORC-2.4	Universal ID Type		
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	9999	

ORC-3.2	Namespace ID	DCS	
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-17	Entering Organization		
ORC-17.1	Identifier	DCS	
ORC-17.2	Text	Dabig Clinical System	
ORC-17.3	Name of Coding System	HL70362	
ORC-17.5	Alternate Text		
ORC-17.6	Name of Alternate Coding System		

### RXA

Location	Data Element	Data	Categorization
RXA-1	Give Sub-ID Counter	0	
RXA-2	Administration Sub-ID Counter	1	
RXA-3	Date/Time Start of Administration		
RXA-3.1	Time	20151029	
RXA-5	Administered Code		
RXA-5.1	Identifier	998	
RXA-5.2	Text	no vaccine admin	
RXA-5.3	Name of Coding System	CVX	
RXA-5.5	Alternate Text		
RXA-5.6	Name of Alternate Coding System		
RXA-6	Administered Amount	999	
RXA-7	Administered Units		
RXA-7.1	Identifier		
RXA-7.2	Text		
RXA-7.3	Name of Coding System		
RXA-7.5	Alternate Text		
RXA-7.6	Name of Alternate Coding System		
RXA-9	Administration Notes		

RXA-9.1	Identifier		
RXA-9.2	Text		
RXA-9.3	Name of Coding System		
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-10.2.2	Own Surname Prefix		
RXA-10.2.3	Own Surname		
RXA-10.2.4	Surname Prefix From Partner/Spouse		
RXA-10.2.5	Surname From Partner/Spouse		
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-10.12	Check Digit Scheme		
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-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		

RXA-18.3	Name of Coding System		
RXA-18.5	Alternate Text		
RXA-18.6	Name of Alternate Coding System		
RXA-20	Completion Status	NA	

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	4	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	5	
OBX-2	Value Type	CE	
	Observation		

OBX-3	Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	6	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value	20600101	
OBX-6	Units		
OBX-6.1	Identifier		

OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

## OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	7	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value	20600101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

## OBX



Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	8	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	2	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

## OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	9	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	2	

OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

## OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	10	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	2	
OBX-5	Observation Value	20160901	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		

OBX-14.1

Time

**OBX**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	11	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	2	
OBX-5	Observation Value	20160901	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	12	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		

OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	3	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	13	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	3	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		

OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	14	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	3	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	15	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		

OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	3	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

## OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	16	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	4	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		

OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	17	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	4	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization

OBX-1	Set ID - OBX	18	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	4	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	19	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	4	
OBX-5	Observation Value	19960101	



OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	20	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	5	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	21	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	5	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	22	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		

OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	5	
OBX-5	Observation Value	19950101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

## OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	23	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	5	
OBX-5	Observation Value	19950101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
	Observation Result		

OBX-11	Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	24	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	6	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	25	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
		Immunization	

OBX-3.2	Text	Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	6	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	26	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	6	
OBX-5	Observation Value	20110101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		

OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	27	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	6	
OBX-5	Observation Value	20110101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	28	

OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	7	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	29	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	7	
OBX-5	Observation Value		
OBX-6	Units		

OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	30	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	7	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		



**OBX**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	31	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	7	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	32	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		

OBX-4	Observation Sub-ID	8	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

## OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	33	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	8	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the		

	Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	34	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	8	
OBX-5	Observation Value	20020101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

### OBX

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	35	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
	Name of Coding		

OBX-3.3	System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	8	
OBX-5	Observation Value	20020101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

Location	Data Element	Data	Categorization
MSH-1	Field Separator		
MSH-2	Encoding Characters	^~\&	
MSH-3	Sending Application		
MSH-3.1	Namespace ID	NIST IIS APP	
MSH-3.2	Universal ID		
MSH-3.3	Universal ID Type		
MSH-4	Sending Facility		
MSH-4.1	Namespace ID	NIST IIS FAC	
MSH-4.2	Universal ID		
MSH-4.3	Universal ID Type		
MSH-5	Receiving Application		
MSH-5.1	Namespace ID	NIST EHR APP	
MSH-5.2	Universal ID		
MSH-5.3	Universal ID Type		
MSH-6	Receiving Facility		
MSH-6.1	Namespace ID	NIST EHR Facility	
MSH-6.2	Universal ID		
MSH-6.3	Universal ID Type		
MSH-7	Date/Time Of Message		
MSH-7.1	Time	20141031145233-	

		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	NIST-IZ-QR-2.2_Response_K11_Z42	
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	Z42	
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	NIST IIS FAC	
MSH-22.6	Assigning Authority		
MSH-22.6.1	Namespace ID	NIST-AA-1	
MSH-22.6.2	Universal ID		
MSH-22.6.3	Universal ID Type		
MSH-22.7	Identifier Type Code	XX	
MSH-22.10	Organization Identifier	100-1776	
MSH-23	Receiving Responsible Organization		
MSH-23.1	Organization Name	NIST EHR Facility	
MSH-23.6	Assigning Authority		
MSH-23.6.1	Namespace ID	NIST-AA-1	
MSH-23.6.2	Universal ID		
MSH-23.6.3	Universal ID Type		
MSH-23.7	Identifier Type Code	XX	
MSH-23.10	Organization Identifier	100-6482	

Location	Data Element	Data	Categorization
MSA-1	Acknowledgment Code	AA	
MSA-2	Message Control ID	NIST-IZ-QR-2.1_Query_Q11_Z44	

Location	Data Element	Data	Categorization
QAK-1	Query Tag	IZ-2.1-2015	
QAK-2	Query Response Status	OK	
QAK-3	Message Query Name		
QAK-3.1	Identifier	Z44	
QAK-3.2	Text	request evaluated Immunization history	
QAK-3.3	Name of Coding System	CDCPHINVS	
QAK-3.5	Alternate Text		
QAK-3.6	Name of Alternate Coding System		

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-1.5	Alternate Text		
QPD-1.6	Name of Alternate Coding System		
QPD-2	Query Tag	IZ-2.1-2015	
QPD-3	PatientList		
QPD-3.1	ID Number	648286	
QPD-3.3	Check Digit Scheme		
QPD-3.4	Assigning Authority		
QPD-3.4.1	Namespace ID	NIST MPI	
QPD-3.4.2	Universal ID		
QPD-3.4.3	Universal ID Type		
QPD-3.5	Identifier Type Code	MR	
QPD-4	PatientName		
QPD-4.1	Family Name		
QPD-4.1.1	Surname	Stanley	
QPD-4.1.2	Own Surname Prefix		

QPD-4.1.3	Own Surname		
QPD-4.1.4	Surname Prefix From Partner/Spouse		
QPD-4.1.5	Surname From Partner/Spouse		
QPD-4.2	Given Name	Clement	
QPD-4.3	Second and Further Given Names or Initials Thereof	S	
QPD-4.7	Name Type Code	L	
QPD-5	PatientMotherMaidenName		
QPD-5.1	Family Name		
QPD-5.1.1	Surname	Smith	
QPD-5.1.2	Own Surname Prefix		
QPD-5.1.3	Own Surname		
QPD-5.1.4	Surname Prefix From Partner/Spouse		
QPD-5.1.5	Surname From Partner/Spouse		
QPD-5.7	Name Type Code	M	
QPD-6	PatientDateOfBirth		
QPD-6.1	Time	19500214	
QPD-7	Patient Sex	M	
QPD-8	Patient Address		
QPD-8.1	Street Address		
QPD-8.1.1	Street or Mailing Address	1642 Bear Run	
QPD-8.1.2	Street Name		
QPD-8.1.3	Dwelling Number		
QPD-8.2	Other Designation		
QPD-8.3	City	Boseman	
QPD-8.4	State or Province	MT	
QPD-8.5	Zip or Postal Code	59715	
QPD-8.6	Country	USA	
QPD-8.7	Address Type	L	
QPD-9	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	406	
QPD-9.7	Local Number	5552020	
	Multiple birth		

QPD-10	indicator		
QPD-11	Birth order		

Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	
PID-3[1]	Patient Identifier List		
PID-3[1].1	ID Number	648286	
PID-3[1].3	Check Digit Scheme		
PID-3[1].4	Assigning Authority		
PID-3[1].4.1	Namespace ID	NIST MPI	
PID-3[1].4.2	Universal ID		
PID-3[1].4.3	Universal ID Type		
PID-3[1].5	Identifier Type Code	MR	
PID-3[2]	Patient Identifier List		
PID-3[2].1	ID Number	34500907	
PID-3[2].3	Check Digit Scheme		
PID-3[2].4	Assigning Authority		
PID-3[2].4.1	Namespace ID	IIS-AA	
PID-3[2].4.2	Universal ID		
PID-3[2].4.3	Universal ID Type		
PID-3[2].5	Identifier Type Code	SR	
PID-5	Patient Name		
PID-5.1	Family Name		
PID-5.1.1	Surname	Stanley	
PID-5.1.2	Own Surname Prefix		
PID-5.1.3	Own Surname		
PID-5.1.4	Surname Prefix From Partner/Spouse		
PID-5.1.5	Surname From Partner/Spouse		
PID-5.2	Given Name	Clement	
PID-5.3	Second and Further Given Names or Initials Thereof	S	
PID-5.7	Name Type Code	L	
PID-7	Date/Time of Birth		
PID-7.1	Time	19950101	
PID-8	Administrative Sex	M	
PID-11	Patient Address		
PID-11.1	Street Address		
PID-11.1.1	Street or Mailing Address	1642 Bear Run	



PID-11.1.2	Street Name		
PID-11.1.3	Dwelling Number		
PID-11.2	Other Designation		
PID-11.3	City	Bozeman	
PID-11.4	State or Province	MT	
PID-11.5	Zip or Postal Code	59715	
PID-11.6	Country	USA	
PID-11.7	Address Type	L	
PID-30	Patient Death Indicator		

#### ORC - 1

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier		
ORC-2.2	Namespace ID		
ORC-2.3	Universal ID		
ORC-2.4	Universal ID Type		
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	193337027	
ORC-3.2	Namespace ID	IIS-AA	
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-17	Entering Organization		
ORC-17.1	Identifier		
ORC-17.2	Text		
ORC-17.3	Name of Coding System		
ORC-17.5	Alternate Text		
ORC-17.6	Name of Alternate Coding System		

#### ORC - 2

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier		
ORC-2.2	Namespace ID		
ORC-2.3	Universal ID		
ORC-2.4	Universal ID Type		
ORC-3	Filler Order Number		
ORC-3.1	Entity Identifier	9999	

ORC-3.2	Namespace ID	DCS	
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-17	Entering Organization		
ORC-17.1	Identifier	DCS	
ORC-17.2	Text	Dabig Clinical System	
ORC-17.3	Name of Coding System	HL70362	
ORC-17.5	Alternate Text		
ORC-17.6	Name of Alternate Coding System		

#### RXA - 1

Location	Data Element	Data	Categorization
RXA-1	Give Sub-ID Counter	0	
RXA-2	Administration Sub-ID Counter	1	
RXA-3	Date/Time Start of Administration		
RXA-3.1	Time	20151029	
RXA-5	Administered Code		
RXA-5.1	Identifier	140	
RXA-5.2	Text	seasonal flu	
RXA-5.3	Name of Coding System	CVX	
RXA-5.5	Alternate Text		
RXA-5.6	Name of Alternate Coding System		
RXA-6	Administered Amount	0.5	
RXA-7	Administered Units		
RXA-7.1	Identifier	mL	
RXA-7.2	Text		
RXA-7.3	Name of Coding System	UCUM	
RXA-7.5	Alternate Text		
RXA-7.6	Name of Alternate Coding System		
RXA-9	Administration Notes		
RXA-9.1	Identifier	00	
RXA-9.2	Text	new immunization record	
RXA-9.3	Name of Coding System	NIP001	

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	Sticker	
RXA-10.2.2	Own Surname Prefix		
RXA-10.2.3	Own Surname		
RXA-10.2.4	Surname Prefix From Partner/Spouse		
RXA-10.2.5	Surname From Partner/Spouse		
RXA-10.3	Given Name	Nurse	
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-10.12	Check Digit Scheme		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
RXA-11.4.1	Namespace ID	DCS_DC	
RXA-11.4.2	Universal ID		
RXA-11.4.3	Universal ID Type		
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		
RXA-18.5	Alternate Text		
RXA-18.6	Name of Alternate Coding System		
RXA-20	Completion Status	CP	

**RXA - 2**

Location	Data Element	Data	Categorization
RXA-1	Give Sub-ID Counter	0	
RXA-2	Administration Sub-ID Counter	1	
RXA-3	Date/Time Start of Administration		
RXA-3.1	Time	20151029	
RXA-5	Administered Code		
RXA-5.1	Identifier	998	
RXA-5.2	Text	no vaccine admin	
RXA-5.3	Name of Coding System	CVX	
RXA-5.5	Alternate Text		
RXA-5.6	Name of Alternate Coding System		
RXA-6	Administered Amount	999	
RXA-7	Administered Units		
RXA-7.1	Identifier		
RXA-7.2	Text		
RXA-7.3	Name of Coding System		
RXA-7.5	Alternate Text		
RXA-7.6	Name of Alternate Coding System		
RXA-9	Administration Notes		
RXA-9.1	Identifier		
RXA-9.2	Text		
RXA-9.3	Name of Coding System		
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-10.2.2	Own Surname Prefix		
RXA-10.2.3	Own Surname		
RXA-10.2.4	Surname Prefix From Partner/Spouse		
	Surname From		

RXA-10.2.5	Partner/Spouse		
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-10.12	Check Digit Scheme		
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-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		
RXA-18.5	Alternate Text		
RXA-18.6	Name of Alternate Coding System		
RXA-20	Completion Status	NA	

Location	Data Element	Data	Categorization
RXR-1	Route		
RXR-1.1	Identifier	C28161	
RXR-1.2	Text	IM	
RXR-1.3	Name of Coding System	NCIT	
RXR-1.5	Alternate Text		
RXR-1.6	Name of Alternate Coding System		
RXR-2	Administration Site		
RXR-2.1	Identifier		
RXR-2.2	Text		

RXR-2.3	Name of Coding System		
RXR-2.5	Alternate Text		
RXR-2.6	Name of Alternate Coding System		

#### OBX - 1

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	1	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 2

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	2	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	

OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20151029	

### OBX - 3

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	3	
OBX-2	Value Type	ID	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59781-5	
OBX-3.2	Text	dose validity	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value	Y	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		

OBX-14.1

Time

20151029

**OBX - 4**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	4	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX - 5**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	5	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	



OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 6

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	6	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value	20600101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 7

Location	Data Element	Data	Categorization
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OBX-1	Set ID - OBX	7	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value	20600101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 8

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	8	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	2	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
	Name of Coding		

OBX-6.3	System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 9

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	9	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	2	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 10

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	10	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		

OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	2	
OBX-5	Observation Value	20160901	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 11

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	11	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	2	
OBX-5	Observation Value	20160901	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		

OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 12

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	12	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	3	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 13

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	13	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	

OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	3	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 14

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	14	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	3	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		

OBX-14.1

Time

**OBX - 15**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	15	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	3	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX - 16**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	16	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	4	

OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 17

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	17	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	4	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 18



Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	18	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	4	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 19

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	19	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	4	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		

OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 20

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	20	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	5	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 21

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	21	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		

OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	5	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX - 22**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	22	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	5	
OBX-5	Observation Value	19950101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
	Name of Alternate		

OBX-6.6	Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 23

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	23	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	5	
OBX-5	Observation Value	19950101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 24

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	24	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	

OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	6	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX - 25**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	25	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	6	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the		

	Observation		
OBX-14.1	Time		

#### OBX - 26

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	26	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	6	
OBX-5	Observation Value	20110101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 27

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	27	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		

OBX-4	Observation Sub-ID	6	
OBX-5	Observation Value	20110101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX - 28**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	28	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	7	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX - 29**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	29	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	7	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 30

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	30	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	7	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		



OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 31

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	31	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	7	
OBX-5	Observation Value	19960101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 32

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	32	
OBX-2	Value Type	CE	
	Observation		

OBX-3	Identifier		
OBX-3.1	Identifier	30956-7	
OBX-3.2	Text	vaccine type	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	8	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

#### OBX - 33

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	33	
OBX-2	Value Type	CE	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	59779-9	
OBX-3.2	Text	Immunization Schedule used	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	8	
OBX-5	Observation Value		
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		

OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX - 34**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	34	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30980-7	
OBX-3.2	Text	Date vaccination due	
OBX-3.3	Name of Coding System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	8	
OBX-5	Observation Value	20020101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		

**OBX - 35**

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	35	
OBX-2	Value Type	DT	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30981-5	
OBX-3.2	Text	Earliest Date to give	
	Name of Coding		

OBX-3.3	System	LN	
OBX-3.5	Alternate Text		
OBX-3.6	Name of Alternate Coding System		
OBX-4	Observation Sub-ID	8	
OBX-5	Observation Value	20020101	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-6.5	Alternate Text		
OBX-6.6	Name of Alternate Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time		