

MSH : Message Header

Location	Data Elementmt	Data	Categrization
MSH.1	Field Separator	FieldSeperator	
MSH.2	Encoding Characters	Encoding	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.806-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	29407	
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	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		

Location	Data Element Name	Data	Categorization
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		
MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	IIS	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID		
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code		
MSH.23.10	Organization Identifier		

PID : Patient Identification

Location	Data Element Name	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	76511	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Johnson	
PID.5.2	Given Name	Daryl	
PID.5.3	Second and Further Given Names or Initials Thereof	Andre	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname		
PID.6.2	Given Name		

PID.6	Location	Name Type Code	Data Element	Data	Categorization
PID.7	Date/Time of Birth				
PID.7.1	Time			20131203	
PID.8	Administrative Sex			M	
PID.10	Race				
PID.10.1	Identifier			2054-5	
PID.10.2	Text			African American	
PID.10.3	Name of Coding System			CDCREC	
PID.10.5	Alternate Text				
PID.10.6	Name of Alternate Coding System				
PID.11	Patient Address				
PID.11.1	Street Address				
PID.11.1.1	Street or Mailing Address			125 Aspen Crescent	
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			P	
PID.13	Phone Number - Home				
PID.13.2	Telecommunication Use Code			PRN	
PID.13.3	Telecommunication Equipment Type			PH	
PID.13.4	Email Address				
PID.13.6	Area/City Code			406	
PID.13.7	Local Number			5551807	
PID.22	Ethnic Group				
PID.22.1	Identifier			2186-5	
PID.22.2	Text			Not Hispanic or Latino	
PID.22.3	Name of Coding System			CDCREC	
PID.22.5	Alternate Text				
PID.22.6	Name of Alternate Coding System				
PID.24	Multiple Birth Indicator			Y	
PID.25	Birth Order			2	
PID.29	Patient Death Date and Time				
PID.29.1	Time				
PID.30	Patient Death Indicator			N	

PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	04	
PD1.11.2	Text	Reminder only - any method	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	Y	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20131203	
PD1.18	Publicity Code Effective Date	20150624	

NK1 : Next of Kin / Associated Parties

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Johnson	
NK1.2.2	Given Name	James	
NK1.2.3	Second and Further Given Names or Initials Thereof	Terrance	
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	FTH	
NK1.3.2	Text	Father	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	125 Aspen Crescent	
NK1.4.2	Other Designation		

NK1.4.3 Location	Data Elementmt	Bozeman Data	Categrization
NK1.4.4	State or Province	MT	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	
NK1.4.7	Address Type	P	
NK1.5	Phone Number		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	PH	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5551807	

ORC : Common Order

Location	Data Elementmt	Data	Categrization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	773	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	22119	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.3	Given Name	Wilma	
	Second and Further		

Location	Data Elementmt	Data	Categrization
ORC.12.4	Given Name or Initials Thereof	Elizabeth	
ORC.12.9	Assigning Authority		
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code	L	
ORC.12.12	Check Digit Scheme		
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

RXA : Pharmacy/Treatment Administration

Location	Data Elementmt	Data	Categrization
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	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	83	
RXA.5.2	Text	Hep A, ped/adol, 2 dose	
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	mL	
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 Record	
	Name of Coding		

RXA.9.3	Location	System	Data Element	mt	NIP001	Data	Categorization
RXA.9.5			Alternate Text				
RXA.9.6			Name of Alternate Coding System				
RXA.10			Administering Provider				
RXA.10.1			ID Number		7824		
RXA.10.2			Family Name				
RXA.10.2.1			Surname		Jackson		
RXA.10.3			Given Name		Lily		
RXA.10.4			Second and Further Given Names or Initials Thereof		Suzanne		
RXA.10.9			Assigning Authority				
RXA.10.9.2			Universal ID				
RXA.10.9.3			Universal ID Type				
RXA.10.10			Name Type Code		L		
RXA.10.12			Check Digit Scheme				
RXA.11			Administered-at Location				
RXA.11.4			Facility				
RXA.11.4.1			Namespace ID		wcEHR		
RXA.11.4.2			Universal ID				
RXA.11.4.3			Universal ID Type				
RXA.15			Substance Lot Number		68736		
RXA.16			Substance Expiration Date				
RXA.16.1			Time		20150729		
RXA.17			Substance Manufacturer Name				
RXA.17.1			Identifier		MSD		
RXA.17.2			Text		Merck and Co., Inc.		
RXA.17.3			Name of Coding System		MVX		
RXA.17.5			Alternate Text				
RXA.17.6			Name of Alternate Coding System				
RXA.18			Substance/Treatment Refusal Reason				
RXA.18.1			Identifier				
RXA.18.2			Text				
RXA.18.3			Name of Coding System				
RXA.18.5			Alternate Text				
RXA.18.6			Name of Alternate Coding System				
RXA.20			Completion Status		PA		

RXA.2 Location	Action Code - RYA	Data Elementmt	A	Data	Categrization

RXR : Pharmacy/Treatment Route

Location	Data Elementmt	Data	Categrization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
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	LT	
RXR.2.2	Text	Left Thigh	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

OBX : Observation/Result

Location	Data Elementmt	Data	Categrization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
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	Location	Date/Time of the Observation	Data	Categorization
	OBX.14.1	Time	20150624	
OBX.17	Observation Method			
	OBX.17.1	Identifier		
	OBX.17.2	Text		
	OBX.17.3	Name of Coding System		
	OBX.17.5	Alternate Text		
	OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result

	Location	Data Element	Data	Categorization
OBX.1		Set ID - OBX	2	
OBX.2		Value Type	CE	
OBX.3		Observation Identifier		
	OBX.3.1	Identifier	64994-7	
	OBX.3.2	Text	Vaccine Funding Program Eligibility	
	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	20150624	
OBX.17		Observation Method		
	OBX.17.1	Identifier	VXC40	
	OBX.17.2	Text	per immunization	
	OBX.17.3	Name of Coding System	CDCPHINVS	
	OBX.17.5	Alternate Text		

OBX. Location	Data Elementmt	Data	Categrization
	Coding System		

OBX : Observation/Result

Location	Data Elementmt	Data	Categrization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document 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	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result

Location	Data Elementmt	Data	Categrization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	

OBX Location	Data Element	Date Vis Performed	Categorization
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	20150624	
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	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		