

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	20150624093847.804-0500	
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	71892	
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	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	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	89778	
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	Benton	
PID.5.2	Given Name	Katherine	
PID.5.3	Second and Further Given Names or Initials Thereof	Mackenzie	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname	Jones	
PID.6.2	Given Name		

PID.6	Location	Data Element	Data Type Code	M	Data	Categorization
PID.7		Date/Time of Birth				
PID.7.1		Time		20031221		
PID.8		Administrative Sex		F		
PID.10		Race				
PID.10.1		Identifier		2106-3		
PID.10.2		Text		White		
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		89 West 21st Ave		
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		5554019		
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		N		
PID.25		Birth Order		1		
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	01	
PD1.11.2	Text	No reminder/recall	
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	N	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20031221	
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	Benton	
NK1.2.2	Given Name	Kari	
NK1.2.3	Second and Further Given Names or Initials Thereof	Michelle	
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	MTH	
NK1.3.2	Text	Mother	
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	89 West 21st Ave	
NK1.4.2	Other Designation		
NK1.4.3	City	Bozeman	

NK1.4	Location	Data Element	MT	Data	Categorization
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	5554019		

ORC : Common Order

	Location	Data Element	Data	Categorization
ORC.1		Order Control	RE	
ORC.2		Placer Order Number		
ORC.2.1		Entity Identifier	5237	
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	31309	
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	
ORC.12.4		Second and Further Given Names or	Elizabeth	

Location	Data Element	Data	Categorization
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 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	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	118	
RXA.5.2	Text	HPV, bivalent	
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	
RXA.9.3	Name of Coding System	NIP001	

RXA.9.5	Location	Alternate Text	Data Element	Data	Categorization
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	795441		
RXA.16		Substance Expiration Date			
RXA.16.1		Time	20151223		
RXA.17		Substance Manufacturer Name			
RXA.17.1		Identifier	SKB		
RXA.17.2		Text	GlaxoSmithKline		
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	CP		
RXA.21		Action Code - RXA	D		

RXR : Pharmacy/Treatment Route

Location	Data Element	Data	Categorization
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	RD	
RXR.2.2	Text	Right Deltoid	
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 Element	Data	Categorization
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.5.1	Identifier	VXC50	
OBX.5.2	Text	Public	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		

OBX.6.5 Location	Data Element	Data	Categorization
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 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.5.1	Identifier	V05	
OBX.5.2	Text	VFC Eligible - Underinsured	
OBX.5.3	Name of Coding System	HL70064	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		

OBX.10	Location	Name of Alternate Coding System	Data	Categorization
		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.17.6	Name of Alternate Coding System			

OBX : Observation/Result

Location	Data Elementmt	Data	Categorization
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.5.1	Identifier	253088698300007311110503	
OBX.5.2	Text	Human papillomavirus Vaccine (Cervarix) VIS	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
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.1 Location	Observation Result Data Element	F	Data	Categorization
	Status			
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 Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
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	Location	Alternate Text	Data Element	Data	Categorization
OBX.17.6		Name of Alternate Coding System			