

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	20150624084727.655-0500	
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	72268	
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	90012	
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	Wong	
PID.5.2	Given Name	Elise	
PID.5.3	Second and Further Given Names or Initials Thereof		
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	Data Element	Data	Categorization
PID.7	Date/Time of Birth			
PID.7.1	Time	19830615		
PID.8	Administrative Sex	F		
PID.10	Race			
PID.10.1	Identifier	2028-9		
PID.10.2	Text	Asian		
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	9200 Wellington Trail		
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	5557896		
PID.13	Phone Number - Home			
PID.13.2	Telecommunication Use Code	NET		
PID.13.3	Telecommunication Equipment Type			
PID.13.4	Email Address	Elise.Wong@isp.com		
PID.13.6	Area/City Code			
PID.13.7	Local Number			
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			

Location	Data Elementmt	Data	Categorization
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 Elementmt	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	02	
PD1.11.2	Text	Reminder/recall - 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	19830615	
PD1.18	Publicity Code Effective Date	20150624	

ORC : Common Order

Location	Data Elementmt	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	4422	
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	13696	
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	

Location	Data Element	Data	Categorization
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 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 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	113	
RXA.5.2	Text	Td (adult) preservative free	
	Name of Coding		

RXA.5.3	Location	System Element	CVX	Data	Categorization
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		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	315841		
RXA.16		Substance Expiration Date			
RXA.16.1		Time	20151216		
		Substance			

RXA.17	Location	Manufacturer Name	Data	Categorization
	RXA.17.1	Identifier	PMC	
	RXA.17.2	Text	Sanofi Pasteur	
	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	A	

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	Location	Data Elementmt	Vaccine Funding Source	Categrization
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	PHC70	
OBX.5.2		Text	Private	
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.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	2	
OBX.2		Value Type	CE	
OBX.3		Observation Identifier		
OBX.3.1		Identifier	64994-7	
OBX.3.2		Text	Vaccine Funding Program Eligibility	
		Name of Coding		

OBX.3	Location	System Data Element	LN	Data	Categorization
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	V01		
OBX.5.2		Text	Not VFC Eligible		
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.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.17.6		Name of Alternate Coding System			

OBX : Observation/Result

Location	Data Element	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		
	Name of Alternate		

OBX.16	Location	Data Elementmt	Data	Categrization
OBX.4	Observation Sub-ID	3		
OBX.5	Observation Value			
OBX.5.1	Identifier	253088698300028811150224		
OBX.5.2	Text	Tetanus/Diphtheria (Td) 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.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.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 Location	Observation Value	20150624 Data	Categorization
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		

ORC : Common Order

Location	Data Elementmt	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	6139	
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	38760	
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		

Location	Data Element	Data	Categorization
ORC.10.10	Name Type Code		
ORC.10.12	Check Digit Scheme		
ORC.12	Ordering Provider		
ORC.12.1	ID Number		
ORC.12.2	Family Name		
ORC.12.2.1	Surname		
ORC.12.3	Given Name		
ORC.12.4	Second and Further Given Names or Initials Thereof		
ORC.12.9	Assigning Authority		
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code		
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	20141012	
RXA.5	Administered Code		
RXA.5.1	Identifier	88	
RXA.5.2	Text	influenza, unspecified formulation	
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.7.5	Location	Name of Coding System	Data Element	Data	Categorization
			System		
RXA.7.5			Alternate Text		
RXA.7.6			Name of Alternate Coding System		
RXA.9			Administration Notes		
RXA.9.1			Identifier	01	
RXA.9.2			Text	Historical Administration	
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		
RXA.10.3			Given Name		
RXA.10.4			Second and Further Given Names or Initials Thereof		
RXA.10.9			Assigning Authority		
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.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.15			Substance Lot Number		
RXA.16			Substance Expiration Date		
RXA.16.1			Time		
RXA.17			Substance Manufacturer Name		
RXA.17.1			Identifier		
RXA.17.2			Text		
RXA.17.3			Name of Coding System		
RXA.17.5			Alternate Text		
RXA.17.6			Name of Alternate Coding System		
			Substance/Treatment		

RXA.18	Location	Data Elementmt	Data	Categrization
	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	A		

ORC : Common Order

Location	Data Elementmt	Data	Categrization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	7600	
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	35508	
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		
ORC.12.2	Family Name		
ORC.12.2.1	Surname		
ORC.12.3	Given Name		
ORC.12.4	Second and Further Given Names or Initials Thereof		
ORC.12.9	Assigning Authority		

Location	Data Elementmt	Data	Categrization
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code		
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	20131112	
RXA.5	Administered Code		
RXA.5.1	Identifier	88	
RXA.5.2	Text	influenza, unspecified formulation	
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	01	
RXA.9.2	Text	Historical Administration	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		

RXA.1	Location	Name of Alternate Data Element	Data	Categorization
		Coding System		
RXA.10		Administering Provider		
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		Assigning Authority		
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.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.15		Substance Lot Number		
RXA.16		Substance Expiration Date		
RXA.16.1		Time		
RXA.17		Substance Manufacturer Name		
RXA.17.1		Identifier		
RXA.17.2		Text		
RXA.17.3		Name of Coding System		
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	A	

