MSH

Location	Data Element	Data	Categorization
MSH-1	Field Separator	|	
MSH-2	Encoding Characters	^~\&	
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	20150625072816.601-0500	
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	41821	
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		
MSH-22.1	Organization Name	wcEHR	
MSH-22.6	Assigning Authority		
MSH-22.6.1	Namespace ID		
MSH-22.6.2	Universal ID		

Location	Data Element	Data	Categorization
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

Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	
PID-3	Patient Identifier List		
PID-3.1	ID Number	21142	
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	Vasquez	
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	Manuel	
PID-5.3	Second and Further Given Names or Initials Thereof	Diego	
PID-5.7	Name Type Code	L	
PID-6	Mother's Maiden Name		
PID-6.1	Family Name		
PID-6.1.1	Surname		
PID-6.1.2	Own Surname Prefix		
PID-6.1.3	Own Surname		

PID-6.1.4	Surname Prefix From Partner/Spouse		
PID-6.1.5	Surname From Partner/Spouse		
PID-6.7	Name Type Code		
PID-7	Date/Time of Birth		
PID-7.1	Time	19470215	
PID-8	Administrative Sex	M	
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	227 Park Ave	
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	P	
PID-13[1]	Phone Number - Home		
PID-13[1].2	Telecommunication Use Code	PRN	
PID-13[1].3	Telecommunication Equipment Type	PH	
PID-13[1].4	Email Address		
PID-13[1].6	Area/City Code	406	
PID-13[1].7	Local Number	5555815	
PID-13[2]	Phone Number - Home		
PID-13[2].2	Telecommunication Use Code	NET	
PID-13[2].3	Telecommunication Equipment Type		
PID-13[2].4	Email Address	Manuel.Vasquez@isp.com	
PID-13[2].6	Area/City Code		
PID-13[2].7	Local Number		
PID-22	Ethnic Group		
PID-22.1	Identifier	2135-2	
PID-22.2	Text	Hispanic or Latino	
PID-22.3	Name of Coding System	CDCREC	
PID-22.5	Alternate Text		

Location	Data Element	Data	Categorization
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

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	20150625	
PD1-16	Immunization Registry Status	A	
PD1-17	Immunization Registry Status Effective Date	20150625	
PD1-18	Publicity Code Effective Date	20150625	

ORC

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier	4486	
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	31165	
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-10.2.2	Own Surname Prefix		
ORC-10.2.3	Own Surname		
ORC-10.2.4	Surname Prefix From Partner/Spouse		
ORC-10.2.5	Surname From Partner/Spouse		
ORC-10.3	Given Name	Lily	
ORC-10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC-10.9	Assigning Authority		
ORC-10.9.1	Namespace ID	wcEHR	
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-10.13	Identifier Type Code	PRN	
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		
ORC-12.2.1	Surname		
ORC-12.2.2	Own Surname Prefix		
ORC-12.2.3	Own Surname		
ORC-12.2.4	Surname Prefix From Partner/Spouse		
ORC-12.2.5	Surname From Partner/Spouse		
ORC-12.3	Given Name		
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.9.1	Namespace ID		
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-12.13	Identifier Type Code		
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

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	20141021	
RXA-5	Administered Code		
RXA-5.1	Identifier	152	
RXA-5.2	Text	Pneumococcal Conjugate, 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-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		

Location	Data Element	Data	Categorization
	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-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	

Location	Data Element	Data	Categorization
MSH-1	Field Separator			
MSH-2	Encoding Characters	^~\&	
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	20150625072816.601-0500	
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	41821	
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		
MSH-22.1	Organization Name	wcEHR	
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		

Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	
PID-3	Patient Identifier List		
PID-3.1	ID Number	21142	
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	Vasquez	
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	Manuel	
PID-5.3	Second and Further Given Names or Initials Thereof	Diego	
PID-5.7	Name Type Code	L	
PID-6	Mother's Maiden Name		
PID-6.1	Family Name		
PID-6.1.1	Surname		
PID-6.1.2	Own Surname Prefix		
PID-6.1.3	Own Surname		
PID-6.1.4	Surname Prefix From Partner/Spouse		
PID-6.1.5	Surname From Partner/Spouse		
PID-6.7	Name Type Code		
PID-7	Date/Time of Birth		
PID-7.1	Time	19470215	
PID-8	Administrative Sex	M	
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	227 Park Ave	

Location	Data Element	Data	
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	P	
PID-13[1]	Phone Number - Home		
PID-13[1].2	Telecommunication Use Code	PRN	
PID-13[1].3	Telecommunication Equipment Type	PH	
PID-13[1].4	Email Address		
PID-13[1].6	Area/City Code	406	
PID-13[1].7	Local Number	5555815	
PID-13[2]	Phone Number - Home		
PID-13[2].2	Telecommunication Use Code	NET	
PID-13[2].3	Telecommunication Equipment Type		
PID-13[2].4	Email Address	Manuel.Vasquez@isp.com	
PID-13[2].6	Area/City Code		
PID-13[2].7	Local Number		
PID-22	Ethnic Group		
PID-22.1	Identifier	2135-2	
PID-22.2	Text	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	

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	
	Protection Indicator		

Location	Data Element	Data	Categorization
PD1-13	Effective Date	20150625	
PD1-16	Immunization Registry Status	A	
PD1-17	Immunization Registry Status Effective Date	20150625	
PD1-18	Publicity Code Effective Date	20150625	

Location	Data Element	Data	Categorization
ORC-1	Order Control	RE	
ORC-2	Placer Order Number		
ORC-2.1	Entity Identifier	4486	
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	31165	
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-10.2.2	Own Surname Prefix		
ORC-10.2.3	Own Surname		
ORC-10.2.4	Surname Prefix From Partner/Spouse		
ORC-10.2.5	Surname From Partner/Spouse		
ORC-10.3	Given Name	Lily	
ORC-10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC-10.9	Assigning Authority		
ORC-10.9.1	Namespace ID	wcEHR	
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-10.13	Identifier Type Code	PRN	
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		
ORC-12.2.1	Surname		
ORC-12.2.2	Own Surname Prefix		
ORC-12.2.3	Own Surname		
ORC-12.2.4	Surname Prefix From Partner/Spouse		

Location	Data Element	Data	Categorization
ORC-12.2.5	Surname From Partner/Spouse		
ORC-12.3	Given Name		
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.9.1	Namespace ID		
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-12.13	Identifier Type Code		
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		

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	20141021	
RXA-5	Administered Code		
RXA-5.1	Identifier	152	
RXA-5.2	Text	Pneumococcal Conjugate, 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-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-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	