

Table 2

Summary of Mapping across Standards

GS1	FDA's National Drug Code	HL7—Bar Coding Message Segment	2.5.1 Implementation Guide (CDC)	ASC X12—837-P Transaction	HITSP Immunization Messages	NCPDP
Global Trade Item Number (GTIN)	Label code	Administered code	Substance manufacturer name	Labeler code	Substance manufacturer	Labeler code
	Product segment	Substance manufacturer name	Administered code	Product segment	Administered code	Product segment
	Package segment	Administered barcode identifier	Administered drug strength volume	Package segment		Package segment
			Administered drug strength volume units			
Expiration date (YYMMDD)		Substance expiration date	Substance expiration date			
Batch or lot number		Substance lot number	Substance lot number		Substance lot number	

Abbreviations: CDC, Centers for Disease Control and Prevention; FDA, Food and Drug Administration; Healthcare Information Technology Standards Panel (HITSP,) HL7, Health Level Seven; NCPDP, National Council for Prescription Drug Programs.