COMMONWEALTH OF VIRGINIA

DATA MANAGEMENT PROGRAM
ENTERPRISE STANDARDS REPOSITORY

STANDARDS MATCHING THE CRITERIA

Domain: Health
Category: All Categories
Status: Adopted
Development Type: All Development Types

REPORT GENERATED ON 03/07/2014

Virginia Information Technologies Agency (VITA)

EDS-R-59: Accredited Standards Committee X12N 270/271 (Health Care Claim Eligibility Inquiry/Response)

Abbreviation:	ASC X12N 270/271
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	004010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Health Care Eligibility & Benefit Inquiry/Response Transactions are used by authorized service centers to request (270) and receive (271) enrollee eligibility and benefits verification.
Example Use(s):	Typically used by providers prior to rendering services to verify eligibility and determine benefits.
Availability:	Electronic and print copies of the standard can be purchased from WPC Products
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 Store (http://store.x12.org/) • External Website: WPC Products (http://wpc-services.com/products)
Last Reviewed Date:	3/4/2014

Accredited Standards Committee X12N 270/271 (Health Care Claim Eligibility EDS-R-60:Inquiry/Response)

Abbreviation:	ASC X12N 270/271
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	005010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Health Care Eligibility & Benefit Inquiry/Response Transactions are used by authorized service centers to request (270) and receive (271) enrollee eligibility and benefits verification.
Example Use(s):	Typically used by providers prior to rendering services to verify eligibility and determine benefits.
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 (http://www.x12.org/) • External Website: ASC X12 Store (http://store.x12.org/)
Last Reviewed Date:	3/4/2014

Accredited Standards Committee X12N 276/277 (Health Care Claim Status EDS-R-61:Request/Response)

Abbreviation:	ASC X12N 276/277
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	004010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Health Care Claims Status Inquiry/Response Transactions contains requests (276) from providers for information on the status of claims that have been submitted for adjudication
Example Use(s):	Typically used by providers after services have been rendered
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 (http://www.x12.org/) • External Website: ASC X12 Store (http://store.x12.org/)
Last Reviewed Date:	3/4/2014

EDS-R-62: Accredited Standards Committee X12N 276/277 (Health Care Claim Status Request/Response)

Abbreviation:	ASC X12N 276/277
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	005010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Health Care Claims Status Inquiry/Response Transactions contains requests (276) from providers for information on the status of claims that have been submitted for adjudication
Example Use(s):	Typically used by providers after services have been rendered
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 (http://www.x12.org/) • External Website: ASC X12 Store (http://store.x12.org/)
Last Reviewed Date:	3/4/2014

Accredited Standards Committee X12N 278 (Health Care Services Request for
EDS-R-63:Review/Response)

Abbreviation:	ASC X12N 278
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	004010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This transaction allows for admission certification review request and associated response, referral review request and associated response, health care services certification review request and associated response, extend certification review request and associated response, and unsolicited notifications inquiries and responses.
Availability:	Electronic and print copies of the standard can be purchased from WPC Products
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 Store (http://store.x12.org/) • External Website: WPC Products (http://wpc-services.com/products)
Last Reviewed Date:	3/4/2014

Accredited Standards Committee X12N 278 (Health Care Services Request for
EDS-R-64:Review/Response)

Abbreviation:	ASC X12N 278
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	005010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This transaction allows for admission certification review request and associated response, referral review request and associated response, health care services certification review request and associated response, extend certification review request and associated response, and unsolicited notifications inquiries and responses.
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 (http://www.x12.org/) • External Website: ASC X12 Store (http://store.x12.org/)
Last Reviewed Date:	3/4/2014

EDS-R-65:
Accredited Standards Committee X12N 820 (Payment Order/Remittance Advice)

Abbreviation:	ASC X12N 820
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	004010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The 820 transaction is used to provide Managed Care Organizations (MCO) capitation payment information.
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)

Documents:	• External Website: ASC X12
	   (http://www.x12.org/)
	• External Website: WPC Products
	   (http://wpc-services.com/products)

Last Reviewed Date:	3/4/2014

EDS-R-66:
Accredited Standards Committee X12N 820 (Payment Order/Remittance Advice)

Abbreviation:	ASC X12N 820
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	005010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The 820 transaction is used to provide Managed Care Organizations (MCO) capitation payment information.
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 (http://www.x12.org/) • External Website: ASC X12 Store (http://store.x12.org/)
Last Reviewed Date:	3/4/2014

EDS-R-67:Accredited Standards Committee X12N 834 (Benefit Enrollment & Admittance)

Abbreviation:	ASC X12N 834
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	004010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The 834 transaction is used to provide enrollee rosters to Managed Care Organizations (MCO).
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 Store (http://store.x12.org/) • External Website: WPC Products (http://wpc-services.com/products)
Last Reviewed Date:	3/4/2014

EDS-R-68:Accredited Standards Committee X12N 834 (Benefit Enrollment & Admittance)

Abbreviation:	ASC X12N 834
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	005010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The 834 transaction is used to provide enrollee rosters to Managed Care Organizations (MCO).
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 (http://www.x12.org/) • External Website: ASC X12 Store (http://store.x12.org/)
Last Reviewed Date:	3/4/2014

EDS-R-69:
Accredited Standards Committee X12N 835 (Health Care Claim Payment/Advice)

Abbreviation:	ASC X12N 835
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	004010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The 835 transaction is used to provide remittance advice information to providers in an electronic format.
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 (http://www.x12.org/) • External Website: WPC Products (http://wpc-services.com/products)
Last Reviewed Date:	3/4/2014

EDS-R-70:
Accredited Standards Committee X12N 835 (Health Care Claim Payment/Advice)

Abbreviation:	ASC X12N 835
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	005010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The 835 transaction is used to provide remittance advice information to providers in an electronic format.
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 (http://www.x12.org/) • External Website: ASC X12 Store (http://store.x12.org/)
Last Reviewed Date:	3/4/2014

EDS-R-71:
Accredited Standards Committee X12N 837 (Health Care Claim for Dental, Institutional, or Professional)

Abbreviation:	ASC X12N 837
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	004010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Health Care Claim Transaction Set (837) is used to submit health care claim billing and/or encounter information from providers of health care services.
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASC X12 Store (http://store.x12.org/) • External Website: WPC Products (http://wpc-services.com/products)
Last Reviewed Date:	3/4/2014

EDS-R-72:
Accredited Standards Committee X12N 837 (Health Care Claim for Dental, Institutional, or Professional)

Abbreviation:	ASC X12N 837
Category:	Messaging
Domain(s):	• Health • Health insurance
Version:	005010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Health Care Claim Transaction Set (837) is used to submit health care claim billing and/or encounter information from providers of health care services.
Availability:	Electronic and print copies of the standard can be purchased from ASC X12.
Development Type:	External
Maintenance Organization:	Accredited Standards Committee (ASC) X12
Agency Contact:	• Virginia Information Technologies Agency (VITA)

Documents:	• External Website: ASC X12
	  (http://www.x12.org/)
	• External Website: ASC X12 Store
	  (http://store.x12.org/)

Last Reviewed Date:	3/4/2014

EDS-R-150:ACK - General Acknowledgement

Category:	Data Exchange
Domain(s):	• Health • Immunization
Version:	HL7 2.3.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Sent back to medical provider when message was rejected or for informational errors. Uses Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol; Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification.
Implementation Guide(s):	• EDS-R-133 Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol (versi on 2.2) • EDS-R-134 Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification (version HL7 2.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Level Seven (HL7) (http://www.hl7.org/)
Last Reviewed Date:	3/4/2014

EDS-R-127:Acknowledgement of an Unsolicited Result message (event R01)

Abbreviation:	Result Acknowledgement
Category:	Implementation Guide
Domain(s):	• Electronic laboratory reporting • Health
Version:	2.5.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by VDH and CDC to acknowledge the receipt of laboratory results from public health laboratory .
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: Health Level Seven (HL7) (http://www.hl7.org)
Last Reviewed Date:	3/4/2014

EDS-R-18:Advanced Billing Concept

Abbreviation:	ABC
Category:	Vocabulary
Domain(s):	• Billing • Health
Version:	2010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	ABC codes represent over 4,500 healthcare products and services. They fill gaps in older medical code sets such as CPT ® and HCPCS II and the retirement of state-specific HCPCS III codes.
Availability:	Coding manuals and text files can be purchased from ABC Coding Solutions.
Development Type:	External
Maintenance Organization:	ABC Coding Solutions (formerly Alternative Link)
Agency Contact:	• Department for the Aging (VDA) • Department of Behavioral Health and Developmental Services (DBHD S) • Department of General Services, Division of Consolidated Laboratory S ervices (DCLS) • Department of Health (VDH) • Department of Health Professions (DHP) • Department of Medical Assistance Services (DMAS) • Department of Social Services (DSS)
Documents:	• External Website: ABC Coding Solutions website (http://www.abccodes.com/)
Last Reviewed Date:	2/24/2014

EDS-RP-171:
Agency for Healthcare Research and Quality (AHRQ) Children Electronic Health Record (EHR) Format

Abbreviation:	AHRQEHRChildForm
Category:	Guidance Document [Not a Standard]
Domain(s):	• Health
Version:	1.0
Status:	Adopted
Description:	The Children Electronic Health Record (EHR) Format is a set of requirements specially directed towards bridging the gap between children EHR and adults EHR and was developed for children by combining best practices in clinical standards for children. This guidance document is intended to serve as a resource for Commonwealth Agencies to and provides an overview of the Agency for Healthcare Research and Quality (AHRQ) Electronic Health Record (EHR) Format requirements for children.
Availability:	Original Documents can be found on the Agency for Healthcare Research and Quality website
Development Type:	External
Maintenance Organization:	Agency for Healthcare Research and Quality
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• Agency Website: Agency for Healthcare Research and Quality (AHRQ) (http://healthit.ahrq.gov/childehrFormat)
Last Reviewed Date:	3/4/2014

EDS-RP-102:
American Society for Testing and Materials International E1869: Standard Guide for Confidentiality, Privacy, Access, and Data Security Principles for Health Information Including Electronic Health Records

Abbreviation:	ASTM E1869
Category:	Guidance Document [Not a Standard]
Domain(s):	• Health • Security
Version:	2010
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This guide covers the principles for confidentiality, privacy, access, and security of person identifiable health information. The focus of this standard is computer-based systems. Many of the principles outlined in this guide also apply to health information and patient records that are not in an electronic format. Basic principles and ethical practices for handling confidentiality, access, and security of health information are contained in a myriad of federal and state laws, rules and regulations, and in ethical statements of professional conduct. The purpose of this guide is to synthesize and aggregate into a cohesive guide the principles that underpin the development of more specific standards for health information and to support the development of policies and procedures for electronic health record systems and health information systems.
Development Type:	External
Maintenance Organization:	American Society for Testing and Materials International (ASTM)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASTM E1869 - 04(2010) (http://www.astm.org/Standards/E1869.htm)
Last Reviewed Date:	3/4/2014

EDS-RP-103:
American Society for Testing and Materials International E1985: Standard Guide for User
Authentication and Authorization

Abbreviation:	ASTM E1985
Category:	Guidance Document [Not a Standard]
Domain(s):	• Health • Security
Version:	2013
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This guide covers mechanisms that may be used to authenticate healthcare information (both administrative and clinical) users to computer systems, as well as mechanisms to authorize particular actions by users. These actions may include access to healthcare information documents, as well as, specific operations on those documents (for example, review by a physician).
Development Type:	External
Maintenance Organization:	American Society for Testing and Materials International (ASTM)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASTM E1985 - 98(2005) (http://www.astm.org/Standards/E1985.htm)
Last Reviewed Date:	3/4/2014

EDS-R-58:
American Society for Testing and Materials International Standard Guide for Information
Access Privileges to Health Information E1986-98

Abbreviation:	ASTM E1986-09
Category:	Technology
Domain(s):	• Health • Security
Version:	2013
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This guide covers the process of granting and maintaining access privileges to health information. It directly addresses the maintenance of confidentiality of personal, provider, and organizational data in the healthcare domain. It addresses a wide range of data and data elements not all traditionally defined as healthcare data, but all elemental in the provision of data management, data services, and administrative and clinical healthcare services. In addition, this guide addresses specific requirements for granting access privileges to patient-specific health information during health emergencies.
Availability:	Electronic and print versions of the document can be purchased from the ASTM website.
Development Type:	External
Maintenance Organization:	American Society for Testing and Materials International (ASTM)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ASTM E1986 (http://www.astm.org/Standards/E1986.htm)
Last Reviewed Date:	3/4/2014

EDS-R-173:
American Society for Testing and Materials International Standard Specification for Audit and Disclosure Logs for Use in Health Information Systems #E2147-01

Abbreviation:	ASTM E2147-01
Category:	Technology
Domain(s):	• Health • Security
Version:	2013
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This specification describes the security requirements involved in the development and implementation of audit and disclosure logs used in health information systems. It specifies how to design an access audit log to record all access to patient identifiable information maintained in computer systems, and includes principles for developing policies, procedures, and functions of health information logs to document all disclosure of confidential health care information to external users for use in manual and computer systems. This specification provides for two main purposes, namely: to define the nature, role, and function of system access audit logs and their use in health information systems as a technical and procedural tool to help provide security oversight
Availability:	Electronic and print versions of the document can be purchased from the ASTM website.
Development Type:	External
Maintenance Organization:	American Society for Testing and Materials International (ASTM)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Last Reviewed Date:	3/4/2014

EDS-R-93:Applicability Statement for Secure Health Transport Specification

Abbreviation:	SMTP SHT
Category:	Technology
Domain(s):	• Health • Transport
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This document describes how to use SMTP, S/MIME, and X.509 certificates to securely transport health information over the Internet. Participants in exchange are identified using standard e-mail addresses associated with X.509 certificates.The data is packaged using standard MIME content types. Authentication and privacy are obtained by using Cryptographic Message Syntax (S/MIME), and confirmation delivery is accomplished using encrypted and signed Message Disposition Notification. Optionally, certificate discovery of endpoints is accomplished through the use of the DNS. Advice is given for specific processing for ensuring security and trust validation on behalf of the ultimate message originator or receiver.
Availability:	Specification is available for free on the Direct Project website.
Development Type:	External
Maintenance Organization:	Direct Project
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Applicability Statement for Secure Health Transport (http://wiki.directproject.org/Applicability Statement for Secure Health Transport) • External Website: Direct Project (http://directproject.org/)
Last Reviewed Date:	3/4/2014

EDS-R-123:ASAP Standard for Prescription Monitoring Programs

Abbreviation:	ASAP PMP
Category:	Messaging
Domain(s):	• Health • Pharmacy
Version:	4.2 (2011)
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This latest version of the ASAP PMP IG is now available. 4.2 includes several refinements to 4.1 to improve the data collected by prescription-monitoring programs. Stakeholders taking part in the updating process included a number of states with operational prescription-monitoring programs, national drug chains and independents, and pharmacy system vendors. ASAP standards are used by every state with a prescription-monitoring program, and states ready to implement a PMP will be using the ASAP standard.
Availability:	Electronic copies of the standard can be purchased from ASAP.
Development Type:	External
Maintenance Organization:	American Society for Automation on Pharmacy (ASAP)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: American Society for Automation on Pharmacy (http://www.asapnet.org)
Last Reviewed Date:	3/4/2014

EDS-R-124:ASAP Standard for Real-Time Safety Adjudication for REMS ETASU Programs

Abbreviation:	ASAP REMS
Category:	Implementation Guide
Domain(s):	• Health • Pharmacy
Version:	1.2
Status:	Adopted
Description:	The purpose of the Real-Time Safety Adjudication Standard is to provide retail pharmacies, switches, intermediaries, Risk Evaluation and Mitigation Strategy (REMS) administrators, and Elements to Assure Safe Use (ETASU) databases with a real-time electronic transaction set. This transaction set will provide for the safety adjudication of real-time pharmacy transactions. Electronic safety adjudication will facilitate improved compliance with REMS requirements and reduce burden on the pharmacy in the following ways: Changes to the pharmacy workflow will be minimal
Availability:	Electronic copies of the standard can be purchased from ASAP.
Development Type:	External
Maintenance Organization:	American Society for Automation on Pharmacy (ASAP)
Release Date:	3/1/2012
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: American Society for Automation on Pharmacy (http://www.asapnet.org)
Last Reviewed Date:	3/4/2014

EDS-R-21:Centers for Disease Control and Prevention Race and Ethnicity Code Sets

Abbreviation:	CDC Race and Ethnicity Code Sets
Category:	Vocabulary
Domain(s):	• Demographics • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The main purpose of the code set is to facilitate use of federal standards for classifying data on race and ethnicity when these data are exchanged, stored, retrieved, or analyzed in electronic form. At the same time, the code set can be applied to paper-based record systems to the extent that these systems are used to collect, maintain, and report data on race and ethnicity in accordance with current federal standards.
Availability:	PDF and Excel files are available for free on the CDC website.
Development Type:	External
Maintenance Organization:	U.S. Centers for Disease Control and Prevention (CDC)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: PHIN Vocabulary (http://www.cdc.gov/phin/activities/vocabulary.html)
Last Reviewed Date:	2/24/2014

EDS-R-13:
Clinical Data Interchange Standards Consortium Clinical Data Acquisition Standards Harmonization

Abbreviation:	CDISC CDASH
Category:	Messaging
Domain(s):	• Clinical research • Health
Version:	1.1
Status:	Adopted
Adopted Date:	10/20/2011
Description:	CDASH describes the basic recommended (minimal) data collection fields for 18 domains, including common header fields, and demographic, adverse events, and other safety domains that are common to all therapeutic areas and phases of clinical research.
Availability:	A single copy of CDASH is provided for free after registration by CDISC on their website.
Development Type:	External
Maintenance Organization:	Clinical Data Interchange Standards Consortium (CDISC)
Release Date:	1/1/2011
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: CDASH (http://www.cdisc.org/cdash)
Last Reviewed Date:	2/24/2014

EDS-RP-104:Clinical Laboratory Improvement Amendments (CLIA) of 1988

Abbreviation:	CLIA
Category:	Guidance Document [Not a Standard]
Domain(s):	- Health - Laboratory testing
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Centers for Medicare & Medicaid Services (CMS) regulates all laboratory testing (except research) performed on humans in the U.S. through the Clinical Laboratory Improvement Amendments (CLIA). In total, CLIA covers approximately 200,000 laboratory entities. The Division of Laboratory Services, within the Survey and Certification Group, under the Center for Medicaid and State Operations (CMSO) has the responsibility for implementing the CLIA Program. The objective of the CLIA program is to ensure quality laboratory testing. Although all clinical laboratories must be properly certified to receive Medicare or Medicaid payments, CLIA has no direct Medicare or Medicaid program responsibilities.
Development Type:	External
Maintenance Organization:	U.S. Congress and Centers for Medicare & Medicaid Services (CMS)
Agency Contact:	Virginia Information Technologies Agency (VITA)
Documents:	External Website: Clinical Laboratory Improvement Amendments (CLIA) (https://www.cms.gov/clia/)
Last Reviewed Date:	3/4/2014

EDS-R-22:Code on Dental Procedures and Nomenclature

Abbreviation:	CDT
Category:	Vocabulary
Domain(s):	• Dental • Health • Medical, surgical, diagnostic srvcs
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Set of codes that have a consistent format and are at the appropriate level of specificity to adequately encompass commonly accepted dental procedures. On August 17, 2000 the Code was named as a HIPAA standard code set.
Example Use(s):	Any claim submitted on a HIPAA standard electronic dental claim must use dental procedure code from the version of the Code in effect on the date of service. The Code is also used on dental claims submitted on paper.
Availability:	Print and electronic coding manuals can be purchased from ADA.
Development Type:	External
Maintenance Organization:	American Dental Association (ADA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Code on Dental Procedures and Nomenclature (CDT) (http://www.ada.org/3827.aspx)
Last Reviewed Date:	2/25/2014

EDS-R-23:
Codes for the Identification of the States, the District of Columbia, Puerto Rico, and the Insular Areas of the United States

Abbreviation:	ANSI
Category:	Vocabulary
Domain(s):	• Health • US States
Version:	ANSI
Status:	Adopted
Adopted Date:	10/20/2011
Description:	ANSI codes are a standardized set of numeric or alphabetic codes issued by the American National Standards Institute (ANSI) to ensure uniform identification of geographic entities through all federal government agencies. INCITS 38:2009 specifically covers states and statistically equivalent entities. This was previously known as the Federal Information Processing Standard (FIPS) Code 5-2. The FIPS standard was withdrawn by National Institute of Standards and Technology (NIST) as a Federal Information Processing Standard on September 2, 2008 [Federal Register, September 2, 2008 (Volume 73, Number 170), page 51276].
Example Use(s):	Upon admission of a patient to any Department of Behavioral Health and Developmental Services facility.
Availability:	A common-delimited file is available at no cost on the U.S. Census Bureau website.
Development Type:	External
Maintenance Organization:	American National Standards Institute (ANSI)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: American National Standards Institute (ANSI) Codes (http://www.census.gov/geo/reference/ansi.html) • External Website: Federal Register, September 2, 2008 (Volume 73, Number 170), page 51276 (http://edocket.access.gpo.gov/2008/E8-20138.htm)
Last Reviewed Date:	2/25/2014

EDS-R-16:Codes for Vaccine Administered

Abbreviation:	CVX
Category:	Vocabulary
Domain(s):	• Health • Vaccines
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	CVX is HL7 Table 0292, Vaccine Administered (CVX). It includes both active and inactive vaccines available in the U.S.
Availability:	Excel, PDF, flat and XML format files are available at no cost on the CDC website.
Development Type:	External
Maintenance Organization:	Centers for Disease Control and Prevention (CDC) National Center of Immunization and Respiratory Diseases (NCIRD)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: HL7 Standard Code Set: CVX -- Vaccines Administered (http://www2a.cdc.gov/vaccines/IIS/IISStandards/vaccines.asp?rpt=cvx)
Last Reviewed Date:	2/25/2014

EDS-R-73:
Council for Affordable Quality Health Care Committee on Operating Rules for Information Exchange Rules

Abbreviation:	CAQH CORE
Category:	Messaging
Domain(s):	• Administration • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Phase I and Phase II Operating rules build on existing standards to make electronic transactions more predictable and consistent, regardless of the technology. Rights and responsibilities of all parties, security, transmission standards and formats, response time standards, liabilities, exception processing, error resolution and more must be clearly defined in order to facilitate successful interoperability. All CORE rules will build on applicable HIPAA requirements and other related standards.
Availability:	Documents are available for free on the CAQH CORE website.
Development Type:	External
Maintenance Organization:	Council for Affordable Quality Health Care, Committee on Operating Rules for Information Exchange
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: CORE Overview (http://www.caqh.org/CORE_overview.php)
Last Reviewed Date:	3/4/2014

EDS-R-24:Current Procedural Terminology

Abbreviation:	AMA CPT
Category:	Vocabulary
Domain(s):	• Health • Medical, surgical, diagnostic srvcs
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Describes medical, surgical, and diagnostic services to communicate uniform information about medical services and procedures among physicians, coders, patients, accreditation organizations, and payers for administrative, financial, and analytical purposes.
Availability:	Coding manuals and ASCII text (TXT) data files are available for purchase on the AMA website.
Development Type:	External
Maintenance Organization:	American Medical Association (AMA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: CPT - Current Procedural Terminology (http://www.ama-assn.org/ama/pub/physician-resources/solutions-managing-your-practice/coding-billing-insurance/cpt.page?)
Last Reviewed Date:	3/4/2014

EDS-R-25:Diagnostic and Statistical Manual of Mental Disorders

Abbreviation:	DSM
Category:	Vocabulary
Domain(s):	• Health • Mental disorders
Version:	DSM-5
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Diagnostic and Statistical Manual of Mental Disorders (DSM) is the standard classification of mental disorders used by mental health professionals in the United States. It is intended to be applicable in a wide array of contexts and used by clinicians and researchers of many different orientations (e.g., biological, psychodynamic, cognitive, behavioral, interpersonal, family/systems). The Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition, is the most comprehensive, current, and critical resource for clinical practice available to today's mental health clinicians and researchers of all orientations.
Example Use(s):	For classifying behavioral health and developmental disorders. Collected in CCS3, Avatar, Juvenile Restoration to Competency, and FIMS, not YSS-F or CARS. Reported in MH and SA federal block grant reports, as well as the above apps.
Availability:	The book version of DSM-5is available for order from American Psychiatric Publishing, Inc. Institutional subscriptions for electronic access are also available by contacting American Psychiatric Publishing, Inc.
Development Type:	External
Maintenance Organization:	American Psychiatric Association (APA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: American Psychiatric Publishing, Inc. (http://www.appi.org) • External Website: APA Diagnostic and Statistical Manual (http://www.psych.org/MainMenu/Research/DSMIV.aspx) • External Website: PsychiatryOnline.com (http://www.psychiatryonline.com/)
Last Reviewed Date:	3/5/2014

EDS-R-74:Digital Imaging and Communications in Medicine

Abbreviation:	DICOM
Category:	Messaging
Domain(s):	• Digital imaging • Health
Version:	2011
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The goals of DICOM are to achieve compatibility and to improve workflow efficiency between imaging systems and other information systems in healthcare environments worldwide. The DICOM Standard addresses multiple levels of the ISO OSI network model and provides support for the exchange of information on interchange media. DICOM currently defines an upper layer protocol (ULP) that is used over TCP/IP (independent of the physical network), messages, services, information objects and an association negotiation mechanism.
Availability:	Documents (2011 plus approved supplements) are available for free on the NEMA DICOM website.
Development Type:	External
Maintenance Organization:	Medical Imaging & Technology Alliance, a division of National Electrical Manufacturers Association (NEMA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: DICOM (http://medical.nema.org/)
Last Reviewed Date:	3/4/2014

EDS-R-26:Drug Enforcement Administration Prescriber Number

Abbreviation:	DEA Prescriber Number
Category:	Vocabulary
Domain(s):	• Drugs • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Under the framework of the Controlled Substances Act (CSA), the DEA is responsible for ensuring that all controlled substance transactions take place within the closed system of distribution established by Congress. Under this closed system, all legitimate handlers of controlled substances – manufacturers, distributors, physicians, pharmacies, and researchers – must be registered with DEA and maintain strict accounting for all distributions.
Availability:	Applications to apply for a Prescriber Number is available on the DEA website. The DEA provides a list of active DEA registrants to the National Technical Information Service (NTIS) a component of the United States Department of Commerce. This list of active DEA registrants may be purchased from NTIS.
Development Type:	External
Maintenance Organization:	US Department of Justice, Drug Enforcement Administration (DEA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: DEA Diversion - Registration Applications, Tools and Resources (http://www.deadiversion.usdoj.gov/drugreg/index.html) • External Website: NTIS Drug Enforcement Administration Database (http://www.ntis.gov/products/dea.aspx)
Last Reviewed Date:	3/4/2014

EDS-R-142:Electronic Laboratory Report to Public Health

Category:	Data Exchange
Domain(s):	• Electronic laboratory reporting • Health
Version:	HL7 2.5.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by laboratories to submit reportable laboratory findings to Virginia Department of Health. Uses HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health, Release 1 (US Realm).
Implementation Guide(s):	• EDS-R-129 HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health, Release 1 (US Realm) (version 1.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Last Reviewed Date:	3/4/2014

EDS-R-143:Electronic Laboratory Report to Public Health Update

Category:	Data Exchange
Domain(s):	• Electronic laboratory reporting • Health
Version:	HL7 2.5.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by laboratories to submit updates on reportable laboratory findings to Virginia Department of Health. Uses HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health, Release 1 (US Realm).
Implementation Guide(s):	• EDS-R-129 HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health, Release 1 (US Realm) (version 1.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Last Reviewed Date:	3/4/2014

EDS-R-88:Electronic Test Order and Results - Lab Order Message

Abbreviation:	ETOR - Order
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	Release 1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used to submit lab orders to other public health laboratories and CDC.
Availability:	Implementation guide is available to APHL members on the APHL website.
Development Type:	External
Maintenance Organization:	Association of Public Health Laboratories (APHL)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: APHL (http://www.aphl.org) • External Website: APHLWEB (http://www.aphlweb.org/)
Last Reviewed Date:	3/4/2014

EDS-R-89:Electronic Test Order and Results - Lab Result Message

Abbreviation:	ETOR - Result
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	Release 1.02
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used to send lab results to other public health laboratories and CDC.
Availability:	Implementation guide is available to APHL members on the APHL website.
Development Type:	External
Maintenance Organization:	Association of Public Health Laboratories (APHL)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: APHL (http://www.aphl.org/) • External Website: APHLWEB (http://www.aphlweb.org)
Last Reviewed Date:	3/4/2014

EDS-R-27:Enzyme Nomenclature

Abbreviation:	Enzyme Nomenclature
Category:	Vocabulary
Domain(s):	• Enzymes • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	List contains the accepted names of enzymes.
Example Use(s):	In Newborn Screening, used to classify reactions they catalyse in results.
Availability:	A searchable database and lists by Enzyme Code (EC) are available at no cost on the IUBMB website.
Development Type:	External
Maintenance Organization:	Nomenclature Committee of the International Union of Biochemistry and Molecular Biology (NC-IUBMB) in consultation with the IUPAC-IUBMB Joint Commission on Biochemical Nomenclature (JCBN)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Enzyme Nomenclature (http://www.chem.qmul.ac.uk/iubmb/enzyme/)
Last Reviewed Date:	3/4/2014

EDS-R-128:
EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results

Abbreviation:	ELC TIG
Category:	Implementation Guide
Domain(s):	• Electronic laboratory reporting • Health
Version:	Alpha Release 1.0
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used to exchange electronic orders and results with ELC Pilot Hospital Partners
Availability:	Implementation guide is available to designated ELC Pilot Hospitals; contact LIMS_MSG_GRP@DGS.VIRGINIA.GOV for more information
Development Type:	Internal
Maintenance Organization:	Virginia Department of General Services (DGS) ISS
Release Date:	8/5/2011
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• Agency Website: Virginia Department of General Services (DGS) Division of Consolidated Laboratory Services (DCLS) (http://www.dgs.virginia.gov/DivisionofConsolidatedLaboratoryServices/tabid/453/Default.aspx)
Last Reviewed Date:	3/4/2014

EDS-R-28:Federal Medication Terminologies

Abbreviation:	FedMed
Category:	Vocabulary
Domain(s):	• Drugs • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	An agreed set of standard, comprehensive, freely and easily accessible Federal Medication Terminologies (FMT) to improve the exchange and public availability of medication information. They consist of FDA Unique Ingredient Identifier (UNII) codes, FDA National Drug Codes (NDC), NCI Thesaurus (NCIt), NLM RxNorm, NLM DailyMed, and VHA National Drug File Reference Terminology (NDF-RT) formulary.
Availability:	The list of FMT with links to their associated content are available on the National Cancer Institute (NCI) website.
Development Type:	External
Maintenance Organization:	Federal Medication (FedMed) interagency collaboration
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Federal Medication Terminologies (http://www.cancer.gov/cancertopics/cancerlibrary/terminologyresources/fmt)
Last Reviewed Date:	3/4/2014

EDS-R-29:
Food and Drug Administration Center for Drug Evaluation and Research Data Standards
Manual

Abbreviation:	FDA/CDER DSM
Category:	Vocabulary
Domain(s):	• Drugs • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The FDA Data Standards Manual (DSM) is a compilation of standardized nomenclature monographs that have been reviewed and approved by the FDA Data Standards Council through their Vocabulary Standards Work Group (VSWG) and through CDER Nomenclature Standards Committee (NSC). These nomenclature standards are considered binding upon all new automated databases, and upon all existing automated databases when undergoing a major redesign.
Availability:	This manual is available at no cost on the FDA website.
Development Type:	External
Maintenance Organization:	Food and Drug Administration (FDA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Data Standards Manual (monographs) (http://www.fda.gov/Drugs/DevelopmentApprovalProcess/FormsSubmissionRequirements/ElectronicSubmissions/DataStandardsManualmonographs/default.htm)
Last Reviewed Date:	3/4/2014

EDS-R-30:Food and Drug Administration Established Name for Active Ingredient

Abbreviation:	FDA Established Name
Category:	Vocabulary
Domain(s):	• Drugs • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	An active ingredient is any component of a drug product intended to furnish pharmacological activity or other direct effect in the diagnosis, cure, mitigation, treatment, or prevention of disease, or to affect the structure or any function of the body of humans or other animals. Active ingredients include those components of the product that may undergo chemical change during the manufacture of the drug product and be present in the drug product in a modified form intended to furnish the specified activity or effect.
Availability:	Per the Consolidated Health Informatics (CHI) report for Medications: Active Ingredients, FDA Established Names are in the public domain. Most active ingredient names are freely available in the Orange Book (Approved Drug Products with Therapeutic Equivalence Evaluations) or in the NDC Directory.
Development Type:	External
Maintenance Organization:	Food and Drug Administration (FDA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: National Drug Code Directory (http://www.accessdata.fda.gov/scripts/cder/ndc/) • External Website: Orange Book: Approved Drug Products with Therapeutic Equivalence Evaluations (http://www.accessdata.fda.gov/scripts/cder/ob/)
Last Reviewed Date:	3/4/2014

EDS-R-31: Food and Drug Administration National Drug Code

Abbreviation:	FDA NDC
Category:	Vocabulary
Domain(s):	• Drugs • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Each listed drug product listed is assigned a unique 10-digit, 3-segment number. This number, known as the NDC, identifies the labeler, product, and trade package size. The first segment, the labeler code, is assigned by the FDA. A labeler is any firm that manufactures (including repackers or relabelers), or distributes (under its own name) the drug. The second segment, the product code, identifies a specific strength, dosage form, and formulation for a particular firm. The third segment, the package code, identifies package sizes and types. Both the product and package codes are assigned by the firm. The NDC will be in one of the following configurations: 4-4-2, 5-3-2, or 5-4-1.
Availability:	Downloadable files and a searchable database are available at no cost on the FDA website.
Development Type:	External
Maintenance Organization:	Food and Drug Administration (FDA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: National Drug Code Directory (http://www.accessdata.fda.gov/scripts/cder/ndc/)
Last Reviewed Date:	3/4/2014

EDS-R-32:Food and Drug Administration Unique Ingredient Identifier

Abbreviation:	FDA UNII
Category:	Vocabulary
Domain(s):	• Health • Ingredients
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The overall purpose of the joint FDA/USP Substance Registration System (SRS) is to support health information technology initiatives by generating unique ingredient identifiers (UNIIs) for substances in drugs, biologics, foods, and devices. The UNII is a non- proprietary, free, unique, unambiguous, non semantic, alphanumeric identifier based on the molecular structure and\or descriptive information of a substance.
Availability:	UNIIs have been incorporated into the U.S. Department of Veterans Affairs National Drug File Reference Terminology (NDF-RT), which in turn is available through NLM Unified Medical Language System (UMLS). UNIIs are also available for free on the FDA website as a text file and searchable database.
Development Type:	External
Maintenance Organization:	Food and Drug Administration (FDA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Substance Registration System - Unique Ingredient Identifier (UNII) (http://fdasis.nlm.nih.gov/srs/srs.jsp) • External Website: Substance Registration System - Unique Ingredient Identifier (UNII) (http://www.fda.gov/ForIndustry/DataStandards/SubstanceRegistrationSystem-UniqueIngredientIdentifierUNII/) • External Website: UNIIs, Preferred Substance Names, and their Identified Synonyms (http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/ucm162523.htm)
Last Reviewed Date:	3/4/2014

EDS-R-33:Gene Names

Abbreviation:	HGNC Gene Names
Category:	Vocabulary
Domain(s):	• Health • Human genes
Version:	Ongoing
Status:	Adopted
Adopted Date:	6/19/2012
Description:	The HGNC approves both a short-form abbreviation known as a gene symbol, and also a longer and more descriptive name. Each symbol is unique and the committee ensures that each gene is only given one approved gene symbol. This allows for clear and unambiguous reference to genes in scientific communications, and facilitates electronic data retrieval from databases and publications.
Availability:	A searchable database and downloadable tab delimited flat file are available on the HGNC website.
Development Type:	External
Maintenance Organization:	European Bioinformatics Institute Human Genome Organization (HUGO) Gene Nomenclature Committee (HGNC)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Gene Names (http://www.genenames.org/)
Last Reviewed Date:	3/4/2014

EDS-R-140:General acknowledgment message

Category:	Data Exchange
Domain(s):	• Electronic laboratory reporting • Health
Version:	HL7 2.5.1 ACK^R01
Status:	Adopted
Adopted Date:	6/19/2012
Description:	This is a general acknowledgment message used to convey the receipt of a lab order or lab result. Uses implementation guides Acknowledgement of an Unsolicited Result message (event R01); EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results.
Implementation Guide(s):	• EDS-R-127 Acknowledgement of an Unsolicited Result message (event R01) (version 2.5.1) • EDS-R-128 EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results (version Alpha Release 1.0)
Development Type:	Internal
Maintenance Organization:	Virginia Department of General Services (DGS) ISS
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory S ervices (DCLS)
Last Reviewed Date:	3/4/2014

EDS-R-139: General laboratory order

Category:	Data Exchange
Domain(s):	• Electronic laboratory reporting • Health
Version:	HL7 2.5.1 OML^O21
Status:	Adopted
Adopted Date:	6/19/2012
Description:	This message is used to order a laboratory test. Uses implementation guides EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results; Electronic Test Order and Result Message; Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Orders.
Implementation Guide(s):	• EDS-R-88 Electronic Test Order and Results - Lab Order Message (version Release 1) • EDS-R-91 Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Orders (version Release 4.0) • EDS-R-128 EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results (version Alpha Release 1.0) • EDS-R-166 Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Orders (version 1.0.1)
Development Type:	Internal
Maintenance Organization:	Virginia Department of General Services (DGS) ISS
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS)
Last Reviewed Date:	3/4/2014

EDS-R-141:General laboratory order response message to any OML

Category:	Data Exchange
Domain(s):	• Electronic laboratory reporting • Health
Version:	HL7 2.5.1 ORL^O22
Status:	Adopted
Adopted Date:	6/19/2012
Description:	This message is used by the laboratory to response to a lab order (OML) message. Examples include an order acknowledgement, lab results associated with an order, or unsolicited lab results sent to a third party for surveillance reasons. Uses implementation guides EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results; Laboratory Acknowledgment Message.
Implementation Guide(s):	• EDS-R-128 EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results (version Alpha Release 1.0) • EDS-R-132 Laboratory Acknowledgment Message (version 2.5.1)
Development Type:	Internal
Maintenance Organization:	Virginia Department of General Services (DGS) ISS
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS)
Last Reviewed Date:	3/4/2014

EDS-R-136:General laboratory order response message to any OML

Category:	Data Exchange
Domain(s):	• Electronic laboratory reporting • Health
Version:	HL7 2.3.1 ORL^O22
Status:	Adopted
Adopted Date:	6/19/2012
Description:	This message is used by the laboratory to response to a lab order (OML) message. Examples include an order acknowledgement, lab results associated with an order, or unsolicited lab results sent to a third party for surveillance reasons. Uses implementation guide Electronic Test Order and Result Message.
Implementation Guide(s):	• EDS-R-89 Electronic Test Order and Results - Lab Result Message (version Release 1.02)
Development Type:	Internal
Maintenance Organization:	Virginia Department of General Services (DGS) ISS
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Last Reviewed Date:	3/4/2014

EDS-R-84:Guide for Electronic Laboratory Reporting to Public Health

Abbreviation:	ELR
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	Release 1 (US Realm)
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by hospitals and public health lab to communicate infectious and communicable disease data to VDH NBS system. Data is used by VDH for surveillance, outbreak management, and case reporting.
Availability:	Implementation guide is available Health Level Seven (HL7) Version 2.5.1, General Laboratory Response (ORU).
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Release Date:	2/1/2010
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• Implementation Guide: VDH specific amplifications and constraints-Implementation Guide (http://www.vdh.virginia.gov/clinicians/meaningfuluse/documents/2012/pdf/ELR_AmplificationsAndConstraints.pdf) • Agency Website: Virginia specific reporting requirements (http://www.vdh.state.va.us/epidemiology/documents/pdf/regs.pdf) • External Website: CDC Guide for Interactive Web-based Data Dissemination Systems (http://www.cdc.gov/osels/ph_surveillance/nndss/downloads.htm)
Last Reviewed Date:	3/4/2014

EDS-R-34:Health Care Provider Taxonomy

Abbreviation:	Health Care Provider Taxonomy
Category:	Vocabulary
Domain(s):	• Health • Health care provider
Version:	January 2012
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Health Care Provider Taxonomy code set allows a single provider (individual, group, or institution) to identify their specialty category. Providers may have one or more than one value associated to them. When determining what value or values to associate with a provider, the user needs to review the requirements of the trading partner with which the value(s) are being used.
Availability:	The code set can be browsed at no cost on the Washington Publishing Company website. A PDF version can be downloaded at no cost from the Washington Publishing Company website.
Development Type:	External
Maintenance Organization:	National Uniform Claim Committee (NUCC), Code Subcommittee
Release Date:	1/1/2012
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Care Provider Taxonomy Code Set - Complete List (http://www.wpc-edi.com/content/view/793/1) • External Website: Health Care Provider Taxonomy Code Set - Downloads (http://www.wpc-edi.com/content/view/809/1) • External Website: National Uniform Claim Committee (NUCC) (http://www.nucc.org/)
Last Reviewed Date:	3/4/2014

EDS-RP-105:
Health Insurance Portability and Accountability Act (HIPAA) -- Administrative Simplification

Abbreviation:	HIPPA Admin Simplification
Category:	Guidance Document [Not a Standard]
Domain(s):	• Health • Health insurance • Privacy and Consent
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Administrative Simplification provisions of the Health Insurance Portability and Accountability Act of 1996 (HIPAA, Title II) required the Department of Health and Human Services (HHS) to establish national standards for electronic health care transactions and national identifiers for providers, health plans, and employers.
Development Type:	External
Maintenance Organization:	U.S. Congress and Centers for Medicare & Medicaid Services (CMS)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: HIPAA - General Information (https://www.cms.gov/hipaageninfo/)
Last Reviewed Date:	3/4/2014

EDS-R-07:Health Level Seven Clinical Document Architecture

Abbreviation:	HL7 V3 CDA
Category:	Document
Domain(s):	• Clinical care • Health
Version:	Release 2
Status:	Adopted
Adopted Date:	10/20/2011
Description:	CDA provides an exchange model for clinical documents (such as discharge summaries and progress notes).
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also be available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Clinical Document Architecture (http://www.hl7.org/implement/standards/cda.cfm) • External Website: Health Level Seven (http://www.hl7.org) • External Website: Lantana Consulting Group - CDA Quick Start Guide (v1.5) (http://www.lantanagroup.com/resources/quick-start-guides/)
Last Reviewed Date:	2/2/2014

EDS-R-86:Health Level Seven Confidentiality Codes

Abbreviation:	HL7 Confidentiality Codes
Category:	Vocabulary
Domain(s):	• Health • Privacy and Consent
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Availability:	The vocabulary is available for free as part of PHIN-VADS. Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: PHIN-VADS HL7 Confidentiality Codes (HL70177) (http://phinvads.cdc.gov/vads/ViewCodeSystem.action?id=2.16.84 0.1.113883.12.177)
Last Reviewed Date:	3/4/2014

EDS-R-36:Health Level Seven Consent Related Vocabulary

Abbreviation:	HL7 Consent Vocabulary
Category:	Vocabulary
Domain(s):	• Health • Privacy and Consent
Version:	3.0
Status:	Adopted
Adopted Date:	10/20/2011
Availability:	A draft version of the vocabulary is available for free at the link below. Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Level Seven (http://www.hl7.org) • External Website: Hl7 Consent Vocabulary Project (DOC) (http://gforge.hl7.org/gf/download/docmanfileversion/277/1352/ConfidentialityCodeTables2-June4.doc)
Last Reviewed Date:	3/4/2014

EDS-R-05:
Health Level Seven eMeasure: Representation of Quality Measures in the Health Quality Measures Format

Abbreviation:	HL7 HQMF
Category:	Document
Domain(s):	• Health • Quality measures
Version:	Release 1 (DSTU)
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Health Quality Measures Format (HQMF) is a standard for representing a health quality measure as an electronic document. A quality measure is a quantitative tool that provides an indication of the performance of an individual or organization in relation to a specified process or outcome via the measurement of an action, process or outcome of clinical care. A health quality measure encoded in the HQMF format is referred to as an eMeasure.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also be available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Level Seven (http://www.hl7.org) • External Website: HL7 Health Quality Measures Format (eMeasure), Release 1, Last Ballot: DSTU - March 2010 (http://www.hl7.org/v3ballot/html/domains/uvqm/uvqm.html) • External Website: Representation of the Health Quality Measures Format (eMeasure) (http://www.hl7.org/implement/standards/product_brief.cfm?product_id=97)
Last Reviewed Date:	2/25/2014

EDS-R-08: Health Level Seven Implementation Guide: CDA Release 2.0 – Continuity of Care Document

Abbreviation:	HL7 V3 CDA CCD
Category:	Document
Domain(s):	• Clinical care • Health
Version:	Release 2
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This HL7 Informative document details a CDA implementation of ASTM E2369-05 Standard Specification for Continuity of Care Record (CCR) which may be used in lieu of ASTM ADJE2369.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also be available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Release Date:	4/1/2007
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Clinical Document Architecture (http://www.hl7.org/implement/standards/cda.cfm) • External Website: Health Level Seven (http://www.hl7.org) • External Website: Lantana Consulting Group - Continuity of Care Document (CCD) Quick Start Guide (http://www.lantanagroup.com/resources/quick-start-guides/)
Last Reviewed Date:	2/24/2014

EDS-R-10:Health Level Seven Messaging

Abbreviation:	HL7 Messaging
Category:	Messaging
Domain(s):	• Health • Health data
Version:	2.5.1
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Version 2 Messages, formally published as Application Protocol for Electronic Data Exchange in Healthcare Environments is an interoperability specification for transactions produced and received by computer systems. These specifications are published as a collection of chapters that describe the transaction interactions by domain.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also be available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Level Seven (http://www.hl7.org)
Last Reviewed Date:	2/24/2014

EDS-R-11:Health Level Seven Messaging

Abbreviation:	HL7 Messaging
Category:	Messaging
Domain(s):	• Health • Health data
Version:	3.0
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Version 3 Messages is an interoperability specification for transactions that are derived from the HL7 V3 Foundation models and vocabulary and define communications produced and received by computer systems. V3 Messages include the concepts of message wrappers, sequential interactions, and model-based message payloads. These specifications are published as a collection of topics that describe the transaction interactions by domain.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also be available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Level Seven (http://www.hl7.org)
Last Reviewed Date:	2/24/2014

EDS-R-06:
Health Level Seven Quality Reporting Document Architecture Implementation Guide for CDA

Abbreviation:	HL7 QRDA CDA
Category:	Document
Domain(s):	• Health • Quality measures
Version:	Release 2
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Quality Reporting Document Architecture (QRDA) project is developing a standard for communicating health care quality measurement information. The standard will conform to the requirements of the Health Level Seven (HL7) Clinical Document Architecture Release 2.0 (CDA) and will reuse the templates developed for the ASTM/HL7 Continuity of Care Document (CCD) and other CDA implementation guides.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also be available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: Health Level Seven (http://www.hl7.org) • External Website: Quality Reporting Document Architecture (http://wiki.hl7.org/index.php?title=Quality_Reporting_Document_Architecture)
Last Reviewed Date:	2/24/2014

EDS-R-37:
Health Level Seven V3 Role Based Access Control Healthcare Permissions Catalog

Abbreviation:	HL7 RBAC
Category:	Vocabulary
Domain(s):	• Health • Security
Version:	Release 3
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The vocabulary contained in this permission catalog provides information supporting access control decision and enforcement functions as defined by ISO 10181-3. This vocabulary does not presume or prevent organizations from executing these controls or other local constraints used for other purposes (e.g., cardinality constraints regarding the number of persons asserting a role with a specific permission at a particular time). Specifically, this vocabulary does not prohibit use of logical rules and policies that an entity may choose to execute.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Level Seven (http://www.hl7.org) • External Website: Product Brief - Role-based Access Control Healthcare Permission Catalog (RBAC) (http://wiki.hl7.org/index.php?title=Product_Sec_RBAC)
Last Reviewed Date:	3/4/2014

EDS-R-87:Health Level Seven Vocabulary

Abbreviation:	HL7 Vocabulary
Category:	Vocabulary
Domain(s):	• Demographics • Health
Version:	2.0
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Used to report Patient demographic information such as Race, Ethnicity, Sex/Gender, Next of KIN and message type and version release.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Level Seven (http://www.hl7.org)
Last Reviewed Date:	3/4/2014

EDS-R-35:Health Level Seven Vocabulary

Abbreviation:	HL7 Vocabulary
Category:	Vocabulary
Domain(s):	• Demographics • Health
Version:	3.0
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Used to report Patient demographic information such as Race, Ethnicity, Sex/Gender, Next of KIN and message type and version release.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also be available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Health Level Seven (http://www.hl7.org)
Last Reviewed Date:	3/4/2014

EDS-R-38:Healthcare Common Procedure Coding System

Abbreviation:	HCPCS
Category:	Vocabulary
Domain(s):	• Health • Medical, surgical, diagnostic srvcs
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	For Medicare and other health insurance programs to ensure that these claims are processed in an orderly and consistent manner, standardized coding systems are essential. The HCPCS is divided into two principal subsystems, referred to as level I and level II of the HCPCS. Level I of the HCPCS is comprised of CPT (Current Procedural Terminology), a numeric coding system maintained by the American Medical Association (AMA). Level II of the HCPCS is a standardized coding system that is used primarily to identify products, supplies, and services not included in the CPT codes, such as ambulance services and durable medical equipment, prosthetics, orthotics, and supplies (DMEPOS) when used outside a medical office.
Availability:	Downloadable files are available at no cost on the CMS website.
Development Type:	External
Maintenance Organization:	US Department of Health & Human Services, Centers for Medicare & Medicaid Services
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: HCPCS - General Information (https://www.cms.gov/MedHCPCSGenInfo/01_Overview.asp) • External Website: HCPCS Quarterly Update (https://www.cms.gov/HCPCSReleaseCodeSets/02_HCPCS_Quarterly_Update.asp)
Last Reviewed Date:	3/4/2014

EDS-R-39:HIPAA National Provider Identifier

Abbreviation:	HIPAA NPI
Category:	Vocabulary
Domain(s):	• Health • Health insurance
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The National Provider Identifier (NPI) is a Health Insurance Portability and Accountability Act (HIPAA) Administrative Simplification Standard. The NPI is a unique identification number for covered health care providers. The NPI is a 10-position, intelligence-free numeric identifier (10-digit number). This means that the numbers do not carry other information about healthcare providers, such as the state in which they live or their medical specialty.
Example Use(s):	Covered health care providers and all health plans and health care clearinghouses must use the NPIs in the administrative and financial transactions adopted under HIPAA.
Availability:	Applications to receive a NPI are available on the CMS website.
Development Type:	External
Maintenance Organization:	US Department of Health & Human Services, Centers for Medicare & Medicaid Services
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: National Provider Identifier Standard (NPI) - Overview (https://www.cms.gov/nationalprovidentstand/)
Last Reviewed Date:	3/4/2014

EDS-R-129:
HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health, Release 1 (US Realm)

Abbreviation:	V251_IG_LB_LABRPTPH_R1_INFORM
Category:	Implementation Guide
Domain(s):	• Electronic laboratory reporting • Health
Version:	1.4
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by laboratories to submit reportable laboratory findings to Virginia Department of Health.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Release Date:	2/1/2010
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Last Reviewed Date:	3/4/2014

EDS-R-130:
HL7 Version 2.5.1 Syndromic Surveillance Implementation Guide - Constraints and Amplifications

Abbreviation:	Syndromic Guide Constraints
Category:	Implementation Guide
Domain(s):	• Health • Syndromic surveillance
Version:	4/2012
Status:	Adopted
Adopted Date:	6/19/2012
Description:	VDH constraints on PHIN Messaging Guide for Syndromic Surveillance, which is used for Virginia's Syndromic Surveillance Data to Public Health Message
Availability:	VDH constraints are published on VDH web site.
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Release Date:	8/10/2011
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• Implementation Guide: HL7 Version 2.5.1 Syndromic Surveillance Implementation Guide Constraints and Amplifications (http://www.vdh.virginia.gov/clinicians/meaningfuluse/documents/2012/pdf/VDH_SS_ImplementationGuide.pdf) • Agency Website: Virginia Department of Health (VDH) Submissions of Syndromic Surveillance (http://www.vdh.virginia.gov/clinicians/meaningfuluse/submissionsofsyndromicsurveillancedata-standardsandrequirements.htm)
Last Reviewed Date:	3/4/2014

EDS-R-133:
Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol

Abbreviation:	CDC IIS Immunization
Category:	Implementation Guide
Domain(s):	• Health • Immunization
Version:	2.2
Status:	Adopted
Adopted Date:	6/19/2012
Description:	National standard used to submit immunization information
Availability:	Implementation Guide is available on the CDC website.
Development Type:	External
Maintenance Organization:	US Centers for Disease Control and Prevention (CDC)
Release Date:	6/1/2006
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: Implementation Guide for Immunization Data Transactions (PDF) (http://www.cdc.gov/vaccines/programs/iis/technical-guidance/downloads/hl7guide.pdf)
Last Reviewed Date:	3/4/2014

EDS-R-97:Institute of Electrical and Electronics Engineers 11073 Series

Abbreviation:	IEEE 11073
Category:	Technology
Domain(s):	• Connectivity • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	CEN ISO/IEEE 11073 standards enable communication between medical, health care and wellness devices and with external computer systems. They provide automatic and detailed electronic data capture of patient vital signs information and device operational data.
Availability:	Standard documents can be purchased from the ISO, ANSI or IEEE websites.
Development Type:	External
Maintenance Organization:	International Organization for Standardization (ISO), IEEE and European Committee for Standardization (CEN)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: CEN (http://www.cen.eu) • External Website: IEEE (http://www.ieee.org/) • External Website: IEEE 11073 (http://www.11073.org) • External Website: ISO (http://www.iso.org)
Last Reviewed Date:	3/4/2014

EDS-R-154:Integrating the Healthcare Enterprise IT Infrastructure Technical Framework

Abbreviation:	IHE ITI-TF
Category:	Messaging
Domain(s):	• Health • Infrastructure
Version:	9.0
Status:	Adopted
Description:	The IHE Technical Frameworks define specific implementations of established standards to achieve effective systems integration, facilitate appropriate sharing of medical information and support optimal patient care. The IHE IT Infrastructure Technical Framework identifies a subset of the functional components of the healthcare enterprise, called IHE actors, and specifies their interactions in terms of a set of coordinated, standards-based transactions. It describes this body of transactions in progressively greater depth.
Availability:	Framework documents [which provide specification of the following profiles: Audit Trail and Node Authentication (ATNA), Basic Patient Privacy Consents (BPPC), Consistent Time (CT), Cross-Enterprise Document Media Interchange (XDM), Cross-Enterprise Document Reliable Interchange (XDR), Cross-Enterprise Document Sharing (XDS.b), Cross-Enterprise Sharing of Scanned Documents (XDS-SD), Cross-Enterprise User Assertion (XUA), Enterprise User Authentication (EUA), Patient Administration Management (PAM), Patient Demographics Query (PDQ), Patient Identifier Cross-Referencing (PIX), Patient Synchronized Applications (PSA), Personnel White Pages (PWP), and Retrieve Information for Display (RID)] are available for free on the IHE website. Select the IT Infrastructure link from the list of frameworks.
Development Type:	External
Maintenance Organization:	Integrating the Healthcare Enterprise (IHE)
Release Date:	8/19/2012
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: IT Infrastructure Technical Framework (http://www.ihe.net/Technical_Framework/index.cfm)
Last Reviewed Date:	3/4/2014

EDS-R-76:Integrating the Healthcare Enterprise Laboratory Technical Framework

Abbreviation:	IHE LTF
Category:	Messaging
Domain(s):	• Health • Laboratory
Version:	4.0
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The IHE Technical Frameworks define specific implementations of established standards to achieve effective systems integration, facilitate appropriate sharing of medical information and support optimal patient care. The IHE Laboratory Technical Framework identifies a subset of the functional components of the healthcare enterprise or healthcare community, called IHE actors, and specifies their interactions in terms of a set of coordinated, standards-based transactions.
Availability:	Framework documents [which include the Lab Profiles: Laboratory Testing Workflow (LTW), Laboratory Device Automation (LDA), Laboratory Point Of Care Testing (LPOCT), Laboratory Code Set Distribution (LCSD), Laboratory Specimen Barcode Labeling (LBL) and Sharing Laboratory Reports (XD-LAB)] are available for free on the IHE website. Select the Laboratory link from the list of frameworks.
Development Type:	External
Maintenance Organization:	Integrating the Healthcare Enterprise (IHE)
Release Date:	10/2/2012
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Laboratory Technical Framework (http://www.ihe.net/Technical_Framework/index.cfm)
Last Reviewed Date:	3/4/2014

EDS-R-155:
Integrating the Healthcare Enterprise Patient Care Coordination Technical Framework

Abbreviation:	IHE PCC
Category:	Messaging
Domain(s):	• Health • Patient care coordination
Version:	8.0
Status:	Adopted
Adopted Date:	10/5/2011
Description:	The IHE Technical Frameworks define specific implementations of established standards to achieve effective systems integration, facilitate appropriate sharing of medical information and support optimal patient care. The IHE Laboratory Technical Framework identifies a subset of the functional components of the healthcare enterprise or healthcare community, called IHE actors, and specifies their interactions in terms of a set of coordinated, standards-based transactions.
Availability:	Framework documents [which include the Profiles: Cross Enterprise Sharing of Medical Summaries Integration Profile (XDS-MS), including Medical Summary Document Content (MS) specification, Emergency Department Referral (EDR), and Exchange of Personal Health Record Content (XPHR)] are available for free on the IHE website. Select the Patient Care Coordination link from the list of frameworks.
Development Type:	External
Maintenance Organization:	Integrating the Healthcare Enterprise (IHE)
Release Date:	8/31/2012
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Patient Care Coordination Technical Framework (http://www.ihe.net/Technical_Framework/index.cfm)
Last Reviewed Date:	3/4/2014

EDS-R-78:
Integrating the Healthcare Enterprise Quality, Research and Public Health Technical
Framework

Abbreviation:	IHE QRPH-TF
Category:	Messaging
Domain(s):	• Health • Quality, research and public health
Version:	0.1
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The IHE Technical Frameworks define specific implementations of established standards to achieve effective systems integration, facilitate appropriate sharing of medical information and support optimal patient care. The IHE Quality, Research and Public Health Technical Framework identifies a subset of the functional components of the healthcare enterprise or healthcare community, called IHE actors, and specifies their interactions in terms of a set of coordinated, standards-based transactions.
Availability:	Framework documents are available for free on the IHE website.
Development Type:	External
Maintenance Organization:	Integrating the Healthcare Enterprise (IHE)
Release Date:	9/2/2011
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Quality, Research and Public Health Technical Framework (http://www.ihe.net/Technical_Framework/index.cfm)
Last Reviewed Date:	3/4/2014

EDS-R-41:International Classification of Diseases, Ninth Revision, Clinical Modification

Abbreviation:	ICD-9-CM
Category:	Vocabulary
Domain(s):	• Diagnoses and procedures • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/1/2011
Description:	The International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) is based on the World Health Organization Ninth Revision, International Classification of Diseases (ICD-9). ICD-9 classifies morbidity and mortality information for statistical purposes, and for the indexing of hospital records by disease and operations, for data storage and retrieval. ICD-9-CM is the official system of assigning codes to diagnoses and procedures associated with hospital utilization in the United States.
Availability:	Rich Text Format (RTF) files can be downloaded at no cost from the CDC website. A CD-ROM containing Folio InfoBase format files can be purchased from the U.S. Government Printing Office. Various vendors provide subscriptions. DBHDS uses Ingenix.
Development Type:	External
Maintenance Organization:	U.S. Department of Health and Human Servies & ICD-9-CM Coordination and Maintenance Committee (comprised of U.S. National Center for Health Statistics [NCHS] and the Centers for Medicare and Medicaid Services [CMS])
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) (http://www.cdc.gov/nchs/icd/icd9cm.htm) • External Website: U.S. Government Printing Office (http://bookstore.gpo.gov/)
Last Reviewed Date:	3/4/2014

EDS-R-42:International Classification of Diseases, Tenth Revision

Abbreviation:	ICD-10
Category:	Vocabulary
Domain(s):	• Diagnoses and procedures • Health
Version:	Second Edition
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The ICD is the international standard diagnostic classification for all general epidemiological, many health management purposes and clinical use. These include the analysis of the general health situation of population groups and monitoring of the incidence and prevalence of diseases and other health problems in relation to other variables such as the characteristics and circumstances of the individuals affected, reimbursement, resource allocation, quality and guidelines. In addition to enabling the storage and retrieval of diagnostic information for clinical, epidemiological and quality purposes, these records also provide the basis for the compilation of national mortality and morbidity statistics by WHO Member States. U.S. National Center for Health Statistics (NCHS) is using a copy modified and corrected by NCHS. The NCHS version converts the English spellings to American spellings and incorporates changes made after the WHO version was published.
Example Use(s):	Used to classify diseases and other health problems recorded on many types of health and vital records including death certificates and health records.
Availability:	The vocabulary is available in HTML format on the WHO website at no cost. Print, CD-ROM, and downloadable versions can be purchased from the WHO website. NCHS lists of causes used to publish mortality data are available on their website. Centers for Medicare and Medicaid Services (CMS) has a website detailing the transition from ICD-9 to ICD-10.
Development Type:	External
Maintenance Organization:	World Health Organization (WHO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: CDC International Classification of Diseases 10th Revision (ICD-10) Overview (PDF) (http://www.cdc.gov/nchs/data/dvs/icd10fct.pdf) • External Website: Centers for Medicare and Medicaid Services (CMS) ICD-10 website (https://www.cms.gov/ICD10/) • External Website: NCHS ICD-10 Each Cause List (FTP site) (ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Publications/ICD10/) • External Website: WHO International Classification of Diseases (ICD) (http://www.who.int/classifications/icd/en/)
Last Reviewed	

Date:	3/4/2014

EDS-RP-106:
International Organization for Standardization (ISO) Health informatics -- Directory services for security, communications and identification of professionals and patients, Technical Specification #21091

Abbreviation:	ISO 21091
Category:	Guidance Document [Not a Standard]
Domain(s):	• Directory services • Health
Version:	2013
Status:	Adopted
Adopted Date:	10/20/2011
Description:	ISO/TS 21091:2013 defines minimal specifications for directory services for health care using the X.500 framework. This Technical Specification provides the common directory information and services needed to support the secure exchange of health care information over public networks. ISO/TS 21091:2013 addresses the health directory from a community perspective in anticipation of supporting inter-enterprise, inter-jurisdiction and international health care communications.
Development Type:	External
Maintenance Organization:	International Organization for Standardization (ISO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ISO/TS 21091:2005 (http://www.iso.org/iso/iso_catalogue/catalogue_ics/catalogue_detail_ics.htm?csnumber=35647)
Last Reviewed Date:	3/4/2014

International Organization for Standardization (ISO) Health Informatics -- EDS-R-101:Pseudonymisation, Published Technical Specification #25237

Abbreviation:	ISO 25237
Category:	Technology
Domain(s):	• Health • Security
Version:	2008
Status:	Adopted
Adopted Date:	10/20/2011
Description:	ISO/TS 25237:2008 contains principles and requirements for privacy protection using pseudonymization services for the protection of personal health information. ISO/TS 25237:2008 is applicable to organizations who make a claim of trustworthiness for operations engaged in pseudonymization services.
Availability:	Electronic and print versions of the documents can be purchased from the ISO website.
Development Type:	External
Maintenance Organization:	International Organization for Standardization (ISO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ISO/TS 25237:2008 (http://www.iso.org/iso/catalogue_detail?csnumber=42807)
Last Reviewed Date:	3/4/2014

EDS-R-99:
International Organization for Standardization (ISO) Health Informatics — Functional and Structural Roles (ISO SF Roles), Technical Specification #21298

Abbreviation:	ISO 21298
Category:	Technology
Domain(s):	• Health • Security
Version:	2008
Status:	Adopted
Adopted Date:	10/20/2011
Description:	ISO/TS 21298:2008 defines a model for expressing functional and structural roles and populates it with a basic set of roles for international use in health applications. Roles are generally assigned to entities that are actors. This will focus on roles of persons (e.g. the roles of health professionals) and their roles in the context of the provision of care (e.g. subject of care).
Availability:	Electronic and print versions of the documents can be purchased from the ISO website.
Development Type:	External
Maintenance Organization:	International Organization for Standardization (ISO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ISO/TS 21298 (http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=40133)
Last Reviewed Date:	3/4/2014

EDS-RP-107:
International Organization for Standardization 27799:Health informatics: Security management in health using ISO 17799

Abbreviation:	ISO 27799
Category:	Guidance Document [Not a Standard]
Domain(s):	• Health • Security
Version:	2008
Status:	Adopted
Adopted Date:	10/20/2011
Description:	ISO 27799:2008 defines guidelines to support the interpretation and implementation in health informatics of ISO/IEC 27002 and is a companion to that standard. ISO 27799:2008 specifies a set of detailed controls for managing health information security and provides health information security best practice guidelines. By implementing this International Standard, healthcare organizations and other custodians of health information will be able to ensure a minimum requisite level of security that is appropriate to the circumstances of their organization and that will maintain the confidentiality, integrity and availability of personal health information.
Development Type:	External
Maintenance Organization:	International Organization for Standardization (ISO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ISO 27799:2008 (http://www.iso.org/iso/catalogue_detail?csnumber=41298)
Last Reviewed Date:	3/4/2014

EDS-R-43:ISO 3166 Country Codes

Abbreviation:	ISO Country Codes
Category:	Vocabulary
Domain(s):	• Countries • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The existence of various country codes developed by different organizations can be confusing if you exchange goods or information in our ever more integrated world. To make sure that communication works you need an accepted, up-to-date country code standard. ISO 3166 is this commonly accepted International Standard and the ISO 3166/MA has been updating it since 1974.
Availability:	The list of short country names and alpha-2 code elements from ISO 3166-1 are available on the ISO website in HTML, semicolon delimited text and XML formats. Microsoft Access 2000 databases as well as printed copies are available for order on the ISO website.
Development Type:	External
Maintenance Organization:	International Organization for Standardization (ISO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ISO 3166 Maintenance agency (ISO 3166/MA) (http://www.iso.org/iso/country_codes.htm)
Last Reviewed Date:	3/4/2014

EDS-R-132:Laboratory Acknowledgment Message

Abbreviation:	Order Acknowledgement
Category:	Implementation Guide
Domain(s):	• Health • Immunization
Version:	2.5.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used to acknowledge whether a lab order has been accepted or rejected by the receiving application.
Availability:	Membership at the organizational, support or benefactor level to HL7 is required to access the standard documentation. Documentation may also available as part of software packages that handle HL7 messages.
Development Type:	External
Maintenance Organization:	Health Level Seven (HL7)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: Health Level Seven (HL7) (http://www.hl7.org)
Last Reviewed Date:	3/4/2014

EDS-R-163:Logical Observation Identifiers Names and Codes

Abbreviation:	LOINC
Category:	Vocabulary
Domain(s):	• Health • Laboratory and clinical observation
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The purpose of LOINC® is to facilitate the exchange and pooling of clinical results for clinical care, outcomes management, and research by providing a set of universal codes and names to identify laboratory and other clinical observations.
Example Use(s):	Used to order laboratory tests and to report testing method performed to derive clinical result.
Availability:	Microsoft Access and tab-delimited formats files can be downloaded at no cost from the LOINC website.
Development Type:	External
Maintenance Organization:	Regenstrief Institute, Inc
Release Date:	6/30/2012
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Logical Observation Identifiers Names and Codes (LOINC®) (http://loinc.org/)
Last Reviewed Date:	3/4/2014

EDS-R-15:Manufacturers of Vaccines

Abbreviation:	MVX
Category:	Vocabulary
Domain(s):	• Health • Vaccines
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	MVX is HL7 Table 0227, Manufacturers of Vaccines (MVX). It includes both active and inactive manufacturers of vaccines in the U.S.
Availability:	Excel, PDF, flat and XML format files are available at no cost from the CDC website.
Development Type:	External
Maintenance Organization:	Centers for Disease Control and Prevention (CDC) National Center of Immunization and Respiratory Diseases (NCIRD)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: HL7 Standard Code Set: MVX - Manufacturers of Vaccines (http://www2a.cdc.gov/vaccines/IIS/IISStandards/vaccines.asp?rpt=mvx)
Last Reviewed Date:	2/25/2014

EDS-RP-108:
Medicare Prescription Drug Improvement and Modernization Act of 2003 (Pub.L. 108-173, 117 Stat. 2066, also called Medicare Modernization Act)

Abbreviation:	MMA
Category:	Guidance Document [Not a Standard]
Domain(s):	• Drugs • Health • Medicare
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	An act to amend title XVIII of the Social Security Act to provide for a voluntary program for prescription drug coverage under the Medicare Program, to modernize the Medicare Program, to amend the Internal Revenue Code of 1986 to allow a deduction to individuals for amounts contributed to health savings security accounts and health savings accounts, to provide for the disposition of unused health benefits in cafeteria plans and flexible spending arrangements, and for other purposes.
Development Type:	External
Maintenance Organization:	U.S. Congress and Centers for Medicare & Medicaid Services (CMS)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Public Law 108 - 173 - Medicare Prescription Drug, Improvement, and Modernization Act of 2003 (http://www.gpo.gov/fdsys/pkg/PLAW-108publ173/content-detail.html)
Last Reviewed Date:	3/4/2014

EDS-R-45:National Cancer Institute Thesaurus

Abbreviation:	NCIt
Category:	Vocabulary
Domain(s):	• Clinical terminology • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	NCI Thesaurus (NCIt) provides reference terminology for many NCI and other systems. It covers vocabulary for clinical care, translational and basic research, and public information and administrative activities.
Availability:	A searchable database and downloadable files are available at no cost on the NCI website.
Development Type:	External
Maintenance Organization:	National Cancer Institute (NCI)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	
Last Reviewed Date:	3/4/2014

EDS-R-46:National Center for Biotechnology Information Entrez Taxonomy

Abbreviation:	NCBI Taxonomy
Category:	Vocabulary
Domain(s):	• Genetics • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The NCBI taxonomy database contains the names of all organisms that are represented in the genetic databases with at least one nucleotide or protein sequence.
Availability:	A searchable database is available at no cost on the NCBI website.
Development Type:	External
Maintenance Organization:	National Center for Biotechnology Information, U.S. National Library of Medicine
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: NCBI Entrez Taxonomy Homepage (http://www.ncbi.nlm.nih.gov/taxonomy)
Last Reviewed Date:	3/4/2014

EDS-R-47:National Center for Biotechnology Information Genetic Reference Sequences

Abbreviation:	NCBI RefSeqGene
Category:	Vocabulary
Domain(s):	• Health • Human genes
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	RefSeqGene defines genomic sequences to be used as reference standards for well-characterized genes. These sequences, labeled with the keyword RefSeqGene, serve as a stable foundation for reporting mutations, for establishing conventions for numbering exons and introns, and for defining the coordinates of other variations.
Availability:	A searchable database and downloadable files are available at no cost on the NCBI website.
Development Type:	External
Maintenance Organization:	U.S. National Library of Medicine National Center for Biotechnology Information
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: RefSeqGene (http://www.ncbi.nlm.nih.gov/refseq/rsg/)
Last Reviewed Date:	3/4/2014

EDS-R-81:
National Council for Prescription Drug Programs (NCPDP) Telecommunication Standard
Implementation Guide

Abbreviation:	NCPDP Telecommunication
Category:	Messaging
Domain(s):	• Drugs • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Standard addresses the data format and content, the transmission protocol, and other appropriate telecommunication requirements.
Availability:	Members of NCPDP can download standards for free. Purchasing NCPDP Implementation Guides and Data Dictionaries includes NCPDP membership.
Development Type:	External
Maintenance Organization:	National Council for Prescription Drug Programs (NCPDP)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: NCPDP Standards Listing (http://www.ncpdp.org/Standards-info.aspx)
Last Reviewed Date:	3/4/2014

EDS-R-113:
National Council for Prescription Drug Programs Formulary and Benefits Standard

Abbreviation:	NCPDP Formulary and Benefits
Category:	Messaging
Domain(s):	• Drugs • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Formulary And Benefit provides a standard means for pharmacy benefit payers (including health plans and Pharmacy Benefit Managers) to communicate formulary and benefit information to prescribers via technology vendor systems.
Example Use(s):	The batch NCPDP transaction is used by providers through authorized service centers to submit payment request for pharmacy prescription services and track encounter and other information related to the patient and provider.
Availability:	Members of NCPDP can download standards for free. Purchasing NCPDP Implementation Guides and Data Dictionaries includes NCPDP membership.
Development Type:	External
Maintenance Organization:	National Council for Prescription Drug Programs (NCPDP)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: NCPDP Standards Listing (http://www.ncpdp.org/Standards-info.aspx)
Last Reviewed Date:	3/4/2014

EDS-R-79:National Council for Prescription Drug Programs SCRIPT

Abbreviation:	NCPDP SCRIPT
Category:	Messaging
Domain(s):	• Drugs • Health
Version:	ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	SCRIPT allows for quick and accurate communication between the physician and pharmacist allowing for heightened security and tracking capability while reducing the potential for medical errors.
Availability:	Members of NCPDP can download standards for free. Purchasing NCPDP Implementation Guides and Data Dictionaries includes NCPDP membership.
Development Type:	External
Maintenance Organization:	National Council for Prescription Drug Programs (NCPDP)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: NCPDP Standards Listing (http://www.ncpdp.org/Standards-info.aspx)
Last Reviewed Date:	3/4/2014

EDS-R-125:National Information Exchange Model

Abbreviation:	NIEM
Category:	Messaging
Domain(s):	• Health • Pharmacy
Version:	3.0
Status:	Adopted
Adopted Date:	10/20/2011
Description:	NIEM is designed to develop, disseminate and support enterprise-wide information exchange standards and processes that can enable jurisdictions to effectively share critical information in emergency situations, as well as support the day-to-day operations of agencies throughout the nation.
Example Use(s):	Used to exchange data between state prescription monitoring programs
Availability:	NIEM is available for free on the NIEM website. It can also be browsed online at the National Center for State Courts (NCSC) NIEM Wayfarer and Schema Central.
Development Type:	External
Maintenance Organization:	U.S. Department of Justice (DOJ), the U.S. Department of Homeland Security (DHS), and the U.S. Department of Health and Human Services (HHS)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: National Center for State Courts (NCSC) NIEM Wayfarer 2.1 (http://www.ncsconline.org/niemwayfarer21/) • External Website: National Information Exchange Model (NIEM) website (http://niem.gov/) • External Website: Schema Central NIEM 2.1 (http://www.schemacentral.com/sc/niem21/ss.html)
Last Reviewed Date:	3/4/2014

EDS-R-83:
National Uniform Billing Committee Uniform Bill Current UB Data Specification Manual

Abbreviation:	NUBC UB
Category:	Messaging
Domain(s):	• Billing • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	It is a national uniform billing instrument for use by the institutional health care community that documents a core set of data containing pertinent information about patient services, the clinical basis for treatment, related events surrounding the care, as well as other information typically needed by third-party payers, and health researchers.
Availability:	A subscription to a printable electronic version of the Official UB-04 Data Specifications Manual is available from the NUBC and includes access additional documents posted to the Subscribers Only section of the NUBC website including meeting minutes (a searchable 12-year archive), recent changes, clarifications, errata and updates.
Development Type:	External
Maintenance Organization:	National Uniform Billing Committee
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: National Uniform Billing Committee (http://www.nubc.org/)
Last Reviewed Date:	3/4/2014

EDS-R-91:Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Orders

Abbreviation:	NDBS - Order
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	Release 4.0
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by Hospitals and Birthing Centers to electronically submit lab orders to public health laboratories using a standards based message. Previously called Newborn Screening Electronic Test Order and Results – Lab Order Message (NETOR - Order).
Availability:	Implementation guide is available to HL7 members on the PHII website.
Development Type:	External
Maintenance Organization:	Public Health Informatics Institute (PHII)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: Public Health Informatics Institute (http://www.phii.org/)
Last Reviewed Date:	3/4/2014

EDS-R-166:Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Orders

Abbreviation:	NDBS - Order
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	1.0.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by Hospitals and Birthing Centers to electronically submit lab orders to public health laboratories using a standards based message. Previously called Newborn Screening Electronic Test Order and Results – Lab Order Message (NETOR - Order).
Availability:	Implementation guide is available to HL7 members on the PHII website.
Development Type:	External
Maintenance Organization:	Public Health Informatics Institute (PHII)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: Public Health Informatics (http://www.phii.org/)
Last Reviewed Date:	3/4/2014

EDS-R-167:Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Results

Abbreviation:	NDBS - Result
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	1.0.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by public health laboratories to report newborn screening laboratory results to hospitals, physicians, and birthing centers. Previously called Newborn Screening Electronic Test Order and Results – Lab Result Message (NETOR - Result).
Availability:	Implementation guide is available to HL7 members on the PHII website.
Development Type:	External
Maintenance Organization:	Public Health Informatics Institute (PHII)
Release Date:	11/1/2011
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: Public Health Informatics Institute (http://www.phii.org/)
Last Reviewed Date:	3/4/2014

EDS-R-92:Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Results

Abbreviation:	NDBS - Result
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	Release 2.0
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by public health laboratories to report newborn screening laboratory results to hospitals, physicians, and birthing centers. Previously called Newborn Screening Electronic Test Order and Results – Lab Result Message (NETOR - Result).
Availability:	Implementation guide is available to HL7 members on the PHII website.
Development Type:	External
Maintenance Organization:	Public Health Informatics Institute (PHII)
Release Date:	5/13/2011
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: Public Health Informatics Institute (http://www.phii.org/)
Last Reviewed Date:	3/4/2014

EDS-R-40:Nomenclature for the Description of Sequence Variants

Abbreviation:	Description of Sequence Variants
Category:	Vocabulary
Domain(s):	• Health • Human genes
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Discussions regarding the uniform and unequivocal description of sequence variants in DNA and protein sequences (mutations, polymorphisms) were initiated by two papers published in 1993
Availability:	Procedures are available at no cost on the HGVS website.
Development Type:	External
Maintenance Organization:	Human Genome Variation Society
Release Date:	7/1/2013
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Nomenclature for the description of sequence variants (http://www.hgvs.org/mutnomen/)
Last Reviewed Date:	3/4/2014

EDS-R-48:
Office of Management and Budget, Statistical Policy Directive No. 15, Race and Ethnic Standards for Federal Statistics and Administrative Reporting

Abbreviation:	OMB No. 15
Category:	Vocabulary
Domain(s):	• Demographics • Health
Version:	1997
Status:	Adopted
Adopted Date:	10/20/2011
Description:	Statistical Policy Directive No. 15 provided a common language to promote uniformity and comparability for data on race and ethnicity for the population groups specified in the Directive. They were developed in cooperation with Federal agencies to provide consistent data on race and ethnicity throughout the Federal Government.
Availability:	The list is available on the OMB website at no cost.
Development Type:	External
Maintenance Organization:	Office of Management and Budget
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity (http://www.whitehouse.gov/omb/fedreg_1997standards/)
Last Reviewed Date:	3/4/2014

EDS-R-49:Online Mendelian Inheritance in Man

Abbreviation:	OMIM
Category:	Vocabulary
Domain(s):	• Health • Human genes
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	OMIM is a comprehensive, authoritative, and timely compendium of human genes and genetic phenotypes. The full-text, referenced overviews in OMIM contain information on all known mendelian disorders and over 12,000 genes. OMIM focuses on the relationship between phenotype and genotype.
Example Use(s):	Used to identify and report genetic disorders detected during Newborn Screening testing.
Availability:	The searchable database is available on the National Library of Medicine website at no cost.
Development Type:	External
Maintenance Organization:	McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins University School of Medicine
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: OMIM - Online Mendelian Inheritance in Man (http://www.ncbi.nlm.nih.gov/omim)
Last Reviewed Date:	3/4/2014

EDS-RP-109:
Operational Data Modal (ODM) of Clinical Data Interchange Standards Consortium (CDISC)

Abbreviation:	CDISC ODM
Category:	Guidance Document [Not a Standard]
Domain(s):	• Clinical research • Health
Version:	1.3.1
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Operational Data Model (ODM) is designed to facilitate the archive and interchange of the metadata and data for clinical research, its power being fully unleashed when data are collected from multiple sources.
Development Type:	External
Maintenance Organization:	Clinical Data Interchange Standards Consortium (CDISC)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Operational Data Model (http://www.cdisc.org/odm)
Last Reviewed Date:	3/4/2014

EDS-R-100:
Organization for Standardization (ISO) Health Informatics -- Privilege management and access control (PMAC), Technical Specification #22600 -- Part 1: Overview and policy management

Abbreviation:	ISO 22600
Category:	Technology
Domain(s):	• Health • Security
Version:	2006
Status:	Adopted
Adopted Date:	10/20/2011
Description:	ISO/TS 22600-1:2006 is intended to support the needs of healthcare information sharing across unaffiliated providers of healthcare, healthcare organizations, health insurance companies, their patients, staff members and trading partners. It is also intended to support inquiries from both individuals and application systems.
Availability:	Electronic and print versions of the documents can be purchased from the ISO website.
Development Type:	External
Maintenance Organization:	International Organization for Standardization (ISO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: ISO/TS 22600-1:2006 (http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=36337)
Last Reviewed Date:	3/4/2014

EDS-R-90:PHIN LRN-B Lab Results Message Implementation Guide

Abbreviation:	LRN-B
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	Ongoing
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used to communicate to CDC LRN_B system: the laboratory testing performed, equipment used, extraction and amplification methods used, and the associated result for select biological samples. Previously called LIMSi Surveillance Message (LIMSi).
Availability:	Details of LRN operations are protected against general public access and distribution. These details, designated as "Sensitive But Unclassified" (SBU), are maintained on the CDC Team website.
Development Type:	External
Maintenance Organization:	U.S. Centers for Disease Control and Prevention (CDC)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: PHIN Guides (http://www.cdc.gov/phin/resources/PHINguides.html)
Last Reviewed Date:	3/4/2014

EDS-R-131:PHIN Messaging Guide for Syndromic Surveillance

Abbreviation:	Syndromic Guide
Category:	Implementation Guide
Domain(s):	• Health • Syndromic surveillance
Version:	1.4
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by acute and ambulatory care facilities to submit syndromic surveillance messages to Virginia Department of Health.
Availability:	Draft implementation guide (PHIN Messaging Guide for Syndromic Surveillance) was published in the Federal Register.
Development Type:	External
Maintenance Organization:	US Centers for Disease Control and Prevention (CDC)
Release Date:	3/1/2011
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: PHIN Messaging Guide for Syndromic Surveillance (http://www.cdc.gov/search.do?queryText=PHIN+Messaging+Guide+for+Syndromic+Surveillance&searchButton.x=19&searchButton.y=5&action=search)
Last Reviewed Date:	3/4/2014

EDS-R-50:Point of Origin for Admission or Visit

Abbreviation:	Source of Admission
Category:	Vocabulary
Domain(s):	• Admissions • Health
Version:	CR 6801
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The provider enters the code indicating the source of referral for this admission or visit.
Example Use(s):	Upon admission of a patient to any Department of Behavioral Health and Developmental Services facility.
Availability:	Publications and subscriptions are available from the National Uniform Billing Committee and the Centers for Medicare and Medicaid Services.
Development Type:	External
Maintenance Organization:	National Uniform Billing Committee and the Centers for Medicare and Medicaid Services
Release Date:	7/1/2010
Agency Contact:	• Department for the Aging (VDA) • Department of Behavioral Health and Developmental Services (DBHD S) • Department of General Services, Division of Consolidated Laboratory S ervices (DCLS) • Department of Health (VDH) • Department of Health Professions (DHP) • Department of Medical Assistance Services (DMAS) • Department of Social Services (DSS)
Documents:	• External Website: Centers for Medicare and Medicaid Services (http://www.cms.gov) • External Website: National Uniform Billing Committee (http://www.nubc.org)
Last Reviewed Date:	3/4/2014

EDS-R-56:Public Health Information Network Vocabulary Access and Distribution System

Abbreviation:	PHIN-VADS
Category:	Vocabulary
Domain(s):	• Clinical terminology • Diagnoses and procedures • Health • Laboratory and clinical observation • Medical, surgical, diagnostic srvcs
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	PHIN Vocabulary Standards is a key component in supporting the development and deployment of standards-based public health information systems. The use of PHIN Vocabulary Standards ensures that vocabularies are aligned with PHIN standards and with appropriate industry and Consolidated Health Informatics Initiative (CHI) vocabulary standards. These standards are supported by the PHIN Vocabulary Access and Distribution System (VADS) for accessing, searching, and distributing standards-based vocabularies used within PHIN to local, state and national PHIN partners.
Example Use(s):	Division of Consolidated Laboratory Services (DCLS) and Department of Health (VDH) use specific value set codes for Electronic Lab Reporting, Immunization, and Syndromic Surveillance.
Availability:	The values can be found in the Public Health Information Network (PHIN) Vocabulary Access and Distribution System (VADS) database. See spreadsheet listed in Documents for the list of relevant value set codes for VDH and DCLS.
Development Type:	External
Maintenance Organization:	U.S. Centers for Disease Control and Prevention (CDC)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Public Health Information Network (PHIN) Vocabulary Access and Distribution System (VADS) database (https://phinvads.cdc.gov)
Last Reviewed Date:	3/4/2014

EDS-R-51:Public Health Laboratory Interoperability Project (PHLIP) Codes

Abbreviation:	PHLIP
Category:	Vocabulary
Domain(s):	• Clinical terminology • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	PHLIP Codes are a aggregation of multiple code sets used specifically for PHLIP messaging
Example Use(s):	Used by Public Health Laboratories throughout the nation to convey test ordered, methods performed, and results reported that are specific to an APHL or CDC project.
Availability:	The values can be found in the Public Health Information Network (PHIN) Vocabulary Access and Distribution System (VADS) database.
Development Type:	External
Maintenance Organization:	Association of Public Health Laboratories (APHL)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: APHL PHLIP (http://www.aphl.org) • External Website: Public Health Information Network (PHIN) Vocabulary Access and Distribution System (VADS) database (https://phinvads.cdc.gov)
Last Reviewed Date:	3/4/2014

EDS-R-85:
Public Health Laboratory Interoperability Project Electronic Lab Surveillance Message

Abbreviation:	PHLIP ELSM
Category:	Implementation Guide
Domain(s):	• Health • Laboratory testing
Version:	Release Sept 2010
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used to submit lab unsolicited flu results and to CDC surveillance. Previously called Flu Electronic Lab Surveillance Message.
Availability:	Implementation guide is available on the APHL website for free.
Development Type:	External
Maintenance Organization:	Association of Public Health Laboratories (APHL)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Documents:	• External Website: APHL (http://www.aphl.org)
Last Reviewed Date:	3/4/2014

EDS-R-148:QCK - Query General Acknowledgement

Category:	Data Exchange
Domain(s):	• Health • Immunization
Version:	HL7 2.4
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Generated when no matching record found for a VXQ. Uses Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol; Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification.
Implementation Guide(s):	• EDS-R-133 Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol (version 2.2) • EDS-R-134 Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification (version HL7 2.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Last Reviewed Date:	3/4/2014

EDS-R-135:Reportable Condition Mapping Table

Abbreviation:	RCMT
Category:	Vocabulary
Domain(s):	• Electronic laboratory reporting • Health • Laboratory testing
Version:	Ongoing
Status:	Adopted
Adopted Date:	6/19/2012
Description:	This vocabulary standard defines the laboratory tests and finding that should be included in submissions of reportable laboratory findings to public health.
Availability:	Tables are available in PDF or machine readable formats through CDC's Public Health Information Network Vocabulary Access and Distribution System (PHIN VADS).
Development Type:	External
Maintenance Organization:	US Centers for Disease Control and Prevention (CDC)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: PHIN VADS - RCTM (https://phinvads.cdc.gov/vads/SearchVocab.action)
Last Reviewed Date:	3/4/2014

EDS-R-14:RxNorm

Abbreviation:	RxNorm
Category:	Vocabulary
Domain(s):	• Drugs • Health
Version:	2014-x
Status:	Adopted
Adopted Date:	10/20/2011
Description:	RxNorm provides normalized names for clinical drugs and links its names to many of the drug vocabularies commonly used in pharmacy management and drug interaction software, including those of First Databank, Micromedex, MediSpan, Gold Standard Alchemy, and Multum. By providing links between these vocabularies, RxNorm can mediate messages between systems not using the same software and vocabulary. RxNorm Documentation is updated when significant changes are made to the RxNorm files. This usually occurs every 2 or 3 months.
Example Use(s):	To report clinical test results and specimen source types.
Availability:	The U.S. National Library of Medicine (NLM) distributes RxNorm at no cost on their website to organizations as part of the Unified Medical Language System (UMLS).
Development Type:	External
Maintenance Organization:	National Library of Medicine (NLM)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: RxNorm (http://www.nlm.nih.gov/research/umls/rxnorm/) • External Website: RxNorm Documentation (http://www.nlm.nih.gov/research/umls/rxnorm/docs/index.html)
Last Reviewed Date:	2/24/2014

EDS-R-151:Syndromic Surveillance Data to Public Health

Category:	Data Exchange
Domain(s):	• Health • Syndromic surveillance
Version:	HL7 2.5.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by acute and ambulatory care facilities to submit syndromic surveillance messages to Virginia Department of Health. Uses HL7 Version 2.5.1 Syndromic Surveillance Implementation Guide - Constraints and Amplifications; PHIN Messaging Guide for Syndromic Surveillance.
Implementation Guide(s):	• EDS-R-130 HL7 Version 2.5.1 Syndromic Surveillance Implementation Guide - Constraints and Amplifications (version 4/2012) • EDS-R-131 PHIN Messaging Guide for Syndromic Surveillance (version 1.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Last Reviewed Date:	3/4/2014

EDS-R-152:Syndromic Surveillance Update to Public Health

Category:	Data Exchange
Domain(s):	• Health • Syndromic surveillance
Version:	HL7 2.5.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by acute and ambulatory care facilities to submit updates to syndromic surveillance messages to Virginia Department of Health. Use PHIN Messaging Guide for Syndromic Surveillance.
Implementation Guide(s):	• EDS-R-131 PHIN Messaging Guide for Syndromic Surveillance (version 1.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Last Reviewed Date:	3/4/2014

EDS-R-52:Systemized Nomenclature of Medicine-Clinical Terms

Abbreviation:	SNOMED CT
Category:	Vocabulary
Domain(s):	• Clinical terminology • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	SNOMED CT is a multilingual clinical healthcare terminology used to accurately record health care encounters.
Example Use(s):	To report clinical test results and specimen source types.
Availability:	The U.S. National Library of Medicine (NLM) distributes SNOMED CT at no cost to organizations, under the terms of the standard IHTSDO affiliate license which is included in the Unified Medical Language System (UMLS) license agreement. SNOMED CT can be downloaded or received on DVD by requesting a UMLS Metathesaurus license and creating a UMLS Terminology Services (UTS) account.
Development Type:	External
Maintenance Organization:	International Health Terminology Standards Development Organisation (IHTSDO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: IHTSDO SNOMED CT (http://www.ihtsdo.org/snomed-ct/) • External Website: U.S. National Library of Medicine (NLM) UMLS Terminology Services (UTS) (https://uts.nlm.nih.gov/)
Last Reviewed Date:	3/4/2014

EDS-R-53:
U.S. Veterans Health Administration National Drug File Reference Terminology Formulary

Abbreviation:	VHA NDF-RT Formulary
Category:	Vocabulary
Domain(s):	• Drugs • Health
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	National Drug File Reference Terminology (NDF-RT) is produced by the Veterans Health Administration (VHA) as an extension of the VHA National Drug File (VANDF) formulary. It organizes the drug list into a formal representation. NDF-RT is used for modeling drug characteristics including ingredients, chemical structure, dose form, physiologic effect, mechanism of action, pharmacokinetics, and related diseases. NDF-RT is part of the Federal Medication Terminologies (FMT), and three components -- Mechanism of Action, Physiologic Effect, and Structural Class - are used in FDA Structured Product Labeling (SPL).
Availability:	A searchable database and downloadable files are available at no cost on the National Cancer Institute website.
Development Type:	External
Maintenance Organization:	Veterans Health Administration (VHA)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: National Drug File Reference Terminology (NDF-RT) (http://nciterms.nci.nih.gov/ncitbrowser/pages/vocabulary.jsf?dictionary=National%20Drug%20File%20-%20Reference%20Terminology&version=May2011)
Last Reviewed Date:	3/4/2014

EDS-R-17:Unified Code for Units of Measure

Abbreviation:	UCUM
Category:	Vocabulary
Domain(s):	• Health • Measurements
Version:	1.9
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The Unified Code for Units of Measure is a code system intended to include all units of measures being contemporarily used in international science, engineering, and business. The purpose is to facilitate unambiguous electronic communication of quantities together with their units.
Example Use(s):	Used in reporting of clinical laboratory results and testing methods performed.
Availability:	HTML and XML documents are available for free on the UCUM website.
Development Type:	External
Maintenance Organization:	Regenstrief Institute, Inc. and The UCUM Organization
Release Date:	11/18/2009
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: The Unified Code for Units of Measure (http://unitsofmeasure.org/)
Last Reviewed Date:	2/25/2014

EDS-R-54:United States Postal Service Postal Codes

Abbreviation:	USPS Postal Codes
Category:	Vocabulary
Domain(s):	• Health • US States
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	A list of official USPS abbreviations for state abbreviations.
Availability:	An HTML list is available at no cost on the USPS website.
Development Type:	External
Maintenance Organization:	United States Postal Service
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Official USPS Abbreviations (https://www.usps.com/send/official-abbreviations.htm)
Last Reviewed Date:	3/4/2014

EDS-R-137:Unsolicited Specimen Oriented Observation Message

Category:	Data Exchange
Domain(s):	• Electronic laboratory reporting • Health
Version:	HL7 2.5 OUL^R22
Status:	Adopted
Adopted Date:	6/19/2012
Description:	This message is used by the laboratory to convey specimen specific results, where all patient information is de-identified. Uses the PHIN LRN-B Lab Results Message Implementation Guide.
Implementation Guide(s):	• EDS-R-90 PHIN LRN-B Lab Results Message Implementation Guide (version Ongoing)
Development Type:	Internal
Maintenance Organization:	Virginia Department of General Services (DGS) ISS
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS)
Last Reviewed Date:	3/4/2014

EDS-R-138:Unsolicited transmission of an observation message

Category:	Data Exchange
Domain(s):	• Electronic laboratory reporting • Health
Version:	HL7 2.5.1 ORU^R01
Status:	Adopted
Adopted Date:	6/19/2012
Description:	This message is used by the laboratory to convey specimen receipt, lab results, or surveillance information. Uses implementation guides EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results; Guide for Electronic Laboratory Reporting to Public Health; Public Health Laboratory Interoperability Project Electronic Lab Surveillance Message; Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Results.
Implementation Guide(s):	• EDS-R-84 Guide for Electronic Laboratory Reporting to Public Health (version Release 1 (US Realm)) • EDS-R-85 Public Health Laboratory Interoperability Project Electronic Lab Surveillance Message (version Release Sept 2010) • EDS-R-92 Newborn Dried Blood Spot (NDBS) Screening Guide for Laboratory Results (version Release 2.0) • EDS-R-128 EPI Lab Capacity (ELC) Technical Implementation Guide for Lab Orders and Results (version Alpha Release 1.0)
Development Type:	Internal
Maintenance Organization:	Virginia Department of General Services (DGS) ISS
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS)
Last Reviewed Date:	3/4/2014

EDS-R-134:
Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification

Abbreviation:	VA Immunization Information System
Category:	Implementation Guide
Domain(s):	• Health • Immunization
Version:	HL7 2.4
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used to submit data to the Virginia Immunization System (VIIS) and further constrain the CDC's IG 2.3.1
Availability:	Implementation Guide is available from Greg.Dennis@vdh.Virginia.gov or (804) 864 - 8060
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Department of General Services, Division of Consolidated Laboratory Services (DCLS) • Department of Health (VDH)
Last Reviewed Date:	3/4/2014

EDS-R-145:VXQ - Vaccine Query

Category:	Data Exchange
Domain(s):	- Health - Immunization
Version:	HL7 2.4
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by medical providers to request vaccine history of a patient. Uses Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol; Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification.
Implementation Guide(s):	- EDS-R-133 Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol (version 2.2) - EDS-R-134 Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification (version HL7 2.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	Virginia Information Technologies Agency (VITA)
Last Reviewed Date:	3/4/2014

EDS-R-146:VXR - Vaccine Response

Category:	Data Exchange
Domain(s):	• Health • Immunization
Version:	HL7 2.4
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Response to VXQ returning the vaccine record. Uses Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol; Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification.
Implementation Guide(s):	• EDS-R-133 Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol (version 2.2) • EDS-R-134 Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification (version HL7 2.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Last Reviewed Date:	3/4/2014

EDS-R-149:VXU - Unsolicited Vaccine Record Update

Category:	Data Exchange
Domain(s):	• Health • Immunization
Version:	HL7 2.3.1
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Used by medical provider to send vaccine record(s) for a patient. Uses Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol; Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification.
Implementation Guide(s):	• EDS-R-133 Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol (version 2.2) • EDS-R-134 Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification (version HL7 2.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Last Reviewed Date:	3/4/2014

EDS-R-147:VXX - Response to VXQ multiple matches

Category:	Data Exchange
Domain(s):	• Health • Immunization
Version:	HL7 2.4
Status:	Adopted
Adopted Date:	6/19/2012
Description:	Response to VXQ returning multiple PID matches. Uses Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol; Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification.
Implementation Guide(s):	• EDS-R-133 Implementation Guide for Immunization Data Transactions using version 2.3.1 of Health Level 7 (HL7) Standard Protocol (versi on 2.2) • EDS-R-134 Virginia Immunization Information System HL7 - 2.4 & Real-time Transfer Specification (version HL7 2.4)
Development Type:	Internal
Maintenance Organization:	Virginia Department of Health (VDH)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Last Reviewed Date:	3/4/2014

EDS-R-55:
World Health Organization International Classification of Functioning, Disability and Health

Abbreviation:	WHO ICF
Category:	Vocabulary
Domain(s):	• Health • Health and disability
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	The International Classification of Functioning, Disability and Health, known more commonly as ICF, is a classification of health and health-related domains. These domains are classified from body, individual and societal perspectives by means of two lists: a list of body functions and structure, and a list of domains of activity and participation. Since the functioning and disability of an individual occurs in a context, the ICF also includes a list of environmental factors.
Availability:	A searchable database is available at no cost on the WHO website.
Development Type:	External
Maintenance Organization:	World Health Organization (WHO)
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: International Classification of Functioning, Disability and Health (ICF) (http://www.who.int/classifications/icf/en/)
Last Reviewed Date:	3/4/2014

EDS-R-94:XDR and XDM for Direct Messaging Specification

Abbreviation:	XDR SHT
Category:	Technology
Domain(s):	• Health • Transport
Version:	Ongoing
Status:	Adopted
Adopted Date:	10/20/2011
Description:	This specification addresses use of XDR and XDM zipped packages in e-mail in the context of directed messaging to fulfill the key user stories of the Direct Project. Note that while the XDM specification includes transport options for USB-Memory and CD-ROM, in this specification XDM always means the XDM e-mail transport option (i.e., XDM file system specification in a zip package as an S/MIME attachment).
Availability:	Specification is available for free on the Direct Project website.
Development Type:	External
Maintenance Organization:	Direct Project
Agency Contact:	• Virginia Information Technologies Agency (VITA)
Documents:	• External Website: Direct Project (http://directproject.org/) • External Website: XDR and XDM for Direct Messaging Specification (http://wiki.directproject.org/XDR and XDM for Direct Messaging)
Last Reviewed Date:	3/4/2014