

Commonwealth of Virginia Health IT Projects Follow-up Items

From July 16th HITSAC Meeting

Electronic Death Registration Project – Virginia Department of Health (VDH)

Will this project collect certain diagnosis codes? If so, what data standards will they align to?

The Electronic Death Registry will be using the ICD 10 Diagnosis Codes

EMS Registry Project – Virginia Department of Health (VDH)

What data standards is this project following? Future plans for sending the data into EMR?

The EMS Registry is a patient level database that will follow the National Emergency Medical Services Information System (NEMSIS) dataset and technical format. NEMSIS currently utilizes XML for data format and transfer from one database to another. NEMSIS has developed detailed XML schema definitions (XSD's) that are utilized from the local level, through states, and up to the national EMS database. NEMSIS also performs software testing to certify applications as either Gold or Silver Compliant; the EMS Registry vendor is Gold certified and required to maintain this status for the life of the contract.

NEMSIS version 3 is due out in "early 2010" and this version has been developed in preparation for the HL7 compliance voting process. We do not have any plans for sending data into EMR at this time, but would welcome this as a goal. We have always considered linkage with other data as we performed our project planning and this will be a focus of ours post implementation.

WIC EBT Project – Virginia Department of Health (VDH)

What data standards are being used to collect the data?

Although the WIC EBT Project is still in the early planning stages, we are aware of a number of standards that impact our project. The U.S. Department of Agriculture Food and Nutrition Service (USDA FNS) requires, as part of planning, the development of an Implementation Advanced Planning Document outlining all of the implementation plans for WIC EBT. The IAPD must include assurances that the state and all WIC EBT contractors will adhere to the standards identified for the system. Specifically, the requirements of the IAPD state that "the State Agency must provide assurances that the system modifications will be planned in accordance with existing standards. This would include the ASC X9, Inc., standards for EBT, commonly known as ANSI X9.93 standard message and batch formats for electronic transaction processing and ANSI X9.108 retailer interface specifications for smartcards. Cards must be consistent with industry

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card standards for magnetic stripe cards and smartcards used in financial payment systems. Systems should have the capability to use data downloaded from the National Universal Product Code Database.”

http://www.fns.usda.gov/apd/Handbook_901_2007/Section_4.2_WIC_EBT.pdf

To clarify, standard messaging formats have been developed for payment processing that must be used to support WIC EBT and the Virginia WIC EBT system will be required by USDA FNS to use these standard message formats.

The EBT system will also be supported by a database of grocer Universal Product Codes (UPCs). States operating an EBT system will be required to develop and maintain a UPC database that will be interoperable with the National UPC database currently under development by the U.S. Department of Agriculture Food and Nutrition Service (USDA FNS). The Virginia UPC database will be required to meet the standards defined for the National UPC database.

The WIC EBT system will be supported by an EBT Processor, a contractor that will host the system and process payment transactions. This contractor will be required to meet the above mentioned standards. Additional standards that may be relevant to the system have not been identified at this time; however, planning is still underway.

Health Statistics Data Warehouse Conversion Project – Virginia Department of Health (VDH)

What type of data is being kept in the health statistics data warehouse? What data standards are being followed?

The Health Statistics Data Warehouse Conversion Project is a technology project moving flat media at VITA to a relational database structures. The vital statistics file contains information various types of vital records (e.g. births, deaths, marriages, divorces, etc.). Need to reach out to Janet Rainey, Director of Vital Records or Calvin Reynolds, Director of Health Statistics to confirm data standards in the source systems feeding data warehouse.

Medication Management System: Pharmacy Systems Software Application – Department of Behavioral Health and Developmental Services (DBHDS)

This project sounds like it would include clinical data. If so, what data standards are being leveraged to collect the clinical data?

The Pharmacy System Software Application is using the following standards:

- HL7 v2.3.1 standards are supported for the Admissions Discharge and Transfer (ADT) interface.

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- National Council for Prescription Drug Program (NCPDP) V5.1 and V5.2 standards are supported for the billing adjudication interface.
- NCPDP V8.1 and Sure Scripts V4.2 Release 2 standards are supported for the ePrescribing interface.
- Specifications for the Drug Wholesaler interface are not complete at this time. It has not been determined whether the interface will align to a standard or if it will be developed as a proprietary interface with the vendor.

Two Projects – Waiting on Feedback

No Wrong Door Project – Virginia Department of Aging (VDA)

- Is this project aligning to the adult health and human services provider standards that are being developed at the federal level?

Fiscal Agent Competitive Re-Bid Project – Department Medical Assistance Services (DMAS)

- This project sounds like it would include clinical data. If so, what data standards are being leveraged to collect the clinical data?