Leveraging your IIS to Vaccinate Refugees

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Prevent. Promote. Protect.

Objectives

- Overview of Refugee Health Surveillance
- How KY's Refugee Health Surveillance and IIS partnered together
- Project Description
- Project Milestones

Refugee Health Surveillance

- The Kentucky Office for Refugees is a department of Catholic Charities of Louisville, Inc. (CC- KOR)

- CC-KOR serves as the designated pass-through entity for Federal funding for Kentucky's refugee resettlement programs

- KOR, works in partnership with local health care providers, to improve the health of refugee communities through the provision of refugee health assessments for new arrivals and the expansion of access to culturally and linguistically appropriate health care.

- Kentucky resettles an estimated 3,000 refugees, parolees, asylees and other eligible populations per year.

  - Hereafter, all populations will be encompassed by the term "refugee" for the purpose of this presentation.

REDCap

- REDCap is secure, password- protected data management software that is hosted online by the University of Louisville (UofL)
  - easily accessed by clinical staff throughout Kentucky
  - has the ability to both import and export data to easily share information
  - to reduce data entry errors, KOR reports arrival information to UofL bimonthly. Then Uof L accesses the overseas medical paperwork through the Electronic Disease Notification (EDN) database, which provides the paperwork that contains overseas medical exam information and vaccine history.

The RedCap - IIS Project

- Purpose: to facilitate an increase in refugees receiving the appropriate immunizations domestically, while at the same time reducing duplication of vaccines already administered overseas.

- Method: export all refugee vaccine data from RedCap into Kentucky Immunization Registry (KYIR).

- KOR received full funding from CDC for this project.

Project Milestones

- REDCap data converted to HL7 in order to transmit from REDCap to KYIR

- REDCap connect to the Kentucky Health Information Exchange (KHIE), the state-designated entity for health information exchange.

- Added a new variable in KYIR to the patient demographic module: "Immigration Status"

- Included this new variable in the patient de-dup module and DataMart reports.

Findings / Conclusion

- Challenge to determine what part of the HL7 Message the Refugee / Immigrant Type accurately populate: PV1 segment
  - PV1-2 Patient Class is: N = Not Applicable
  - PV1-18 Data Type = IS. Length = 2. Value set:

Concept Code	Concept Name
IM	Immigrant
SI	Special Immigrant (SIV)
DI	Diversity
AD	Adoptee
RF	Refugee
92	Visa92
AS	Asylee
93	Visa 93
KV	K-Visa
OV	Other NIV
PL	Parolee
VT	Victim of Trafficking
V1	V1 Visa

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